Usenet Newsgroup Archive: rec.radio.amateur.misc

1996-08 - 1996-10

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Date span: 1996-08-01 through 1996-10-31

Source text: rec.radio.amateur.misc.txt

Source item: https://archive.org/details/usenet-rec

Messages included in this PDF: 6,210

Messages are presented chronologically by archived date.

Binary or encoded payloads are not printed as blocks of encoded text; a placeholder appears where such material was detected. The original source text is unchanged.

1. FS: Kenwood TS-520s DX Station

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: vigilant <vigilant@cetlink.net>
Message-ID: <01bb8014.e499b340$da681fce@mjs-enterprises>
Source record: 219803

Hi, Are you looking for a First HF Rig or a Backup Rig? I have the workhorse of kenwood available at this time.
The Kenwood TS-520s HF Multi-Band Station; Installed Options: External VFO for working DX/Split Frequency QSOs, Narrow CW Filter (useful for cutting out unwanted interferance), DC-DC Converter which allows EMERGENCY operation on +12Vdc, AC-Cord which allows Normal operation, External Speaker which enables you to hear on your "good" side, and Desk Mike to really get your signal out!. Operating and Maintenance Manuals Included. Rig was used this year at field day as our PRIMARY CW STATION with EXCELLANT RESULTS!!! The only reason I am parting with this setup is because I recently recieved a TS-140s and have to pay the XYL back :-) .

PRICE: $575 U SHIP

--
Jerry Moore / AE4PB.....

2. Re: Duplex on CB? CB Repeaters?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: "C. Wheeler" <cwheeler@ccnet.com>
Message-ID: <4tqj0o$mq0@gaudi.lahabra.chevron.com>
Source record: 219804
Cross-posted to: rec.radio.cb,rec.radio.amateur.misc

jherman@Hawaii.Edu (Jeffrey Herman) wrote:
>Rick Miller <rdmiller@execpc.com> wrote:
>>This, of course, leads to whether or not it's legal to set up a
>>CB *repeater*... though I'm guessing that it's not. Anyone know why?
>
>It used to be the case that every CB operator had to have a copy of
>Part 95 next to their radio. That part of the federal regs will answer
>your question. Your library will have the complete collection of the CFRs.

A copy of the "CB Rules" of part 95 is still required to be packaged with
every CB sold.

These rules don't clearly explain "why" you can't have a CB repeater. I
guess that it can be infered that repeaters are not used in a
"...private, two-way, short distance communications service..."

Curtis

3. Re: Paging? CTCSS?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <DvH841.M2C@news.hawaii.edu>
Source record: 219805
Cross-posted to: rec.radio.cb,rec.radio.amateur.misc

Jim S <saeger@gat.com (Jim S)> wrote:
>Has anybody noticed that all responses to this thread are being posted to b
>oth rec.radio.cb
>and radio.amateur.misc...?? Jim

Which seems proper since it involved tone signaling on 2M, then on CB.

KH2PZ / KH6

4. Re: Duplex on CB? CB Repeaters?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <DvH7I0.L2x@news.hawaii.edu>
Source record: 219806
Cross-posted to: rec.radio.cb,rec.radio.amateur.misc

C. Wheeler <cwheeler@ccnet.com> wrote:
>A copy of the "CB Rules" of part 95 is still required to be packaged with
>every CB sold.
>
>These rules don't clearly explain "why" you can't have a CB repeater. I
>guess that it can be infered that repeaters are not used in a
>"...private, two-way, short distance communications service..."

Internal changes would have to be performed to the radio to make it a
repeater. Part 95 prohibits that.

Jeff KH2PZ / KH6

5. Re: Paging? CTCSS?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <DvH7p0.LCw@news.hawaii.edu>
Source record: 219807

Clint Bradford <clint.bradford@atdbbs.com> wrote:
>Someone@somewhere wrote:

>>>Anyway, I'd like to find out if there are any Citizens' Band handhelds
>>>with either "paging" or CTCSS...

>Illegal on those bands.

Nope. Check Part 95 regarding tone signaling. It is permitted. In fact
I had a Heathkit CB transceiver that I built that had tone encoding
and decoding features.

Jeff KH2PZ / KH6

6. Re: I wish more WIVES would take it up.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: fms@senie.com
Message-ID: <4tr4b9$2rj@peanut.senie.com>
Source record: 219808

In article <4tde7n$i55@news-old.tiac.net>,
Nancy J. Webb <nwebb@tiac.net> wrote:
)In article <1996Jul25.133647.18643@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us
)says...
)
)>The word is getting out, you don't have to be an unwashed geek to
)>be an amateur radio operator anymore (and a grandmother is president
)>of the NRA). Women are moving in on us, boys. And it ain't a bad
)>thing!
)
)Thanks, Gary!
)
)And, in fact, some of "us" are serving as VEs, hopefully also serving as role
)models that the branding iron doesn't necessarily come along with the ticket
)(farm animals, indeed :)).

(Hi Nancy! :)

Yup, we're VE's, ARRL section appointees, ARRL section managers (look
at Maine sometime...), there's even a female ARRL director (though I
can't remember what division she's from). I served as president of
my local ARC a few years ago, and had folks more worried about having
a newcomer as prez than they were about having a woman as prez! though
one of the old-timers did spend the coffeebreak time explaining to me
how he knew I'd be OK at the job because he had a number of "girls"
working for him back during the war (WWII it was) and that they'd been
much better at the job than the men in the office... :)

I, too, would love to get more wives involved in the hobby. And I'd
like to add to that -- I want 'em to get INVOLVED, not just talking only
to their husbands and nobody else! What good is the license if you
don't USE it??? I must know a dozen women in my area who are licensed,
but I only ever hear them on the air coordinating daycare pickup times
(when I hear them on the air at all). Yes, I talk to my husband on
the air -- but I don't disappear within a second or two if somebody else
comes on the air to say hello...

So we need more women like Nancy N1OEZ and Diana KC1SP and others who
aren't afraid of talking to folks on the air... :)

73 de Faith N1JIT
--
Faith
faith@senie.com
http://www.senie.com/faith/

7. Re: Fuck You Jim You Low Life

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: "Gary L. Sanders" <gls_sma@ix.netcom.com>
Message-ID: <32017BF3.2268@ix.netcom.com>
Source record: 219809
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

Go to your rooms, no dinner.
--
Gary L. Sanders, V.P. Engineering
Sanders Media Adventures, Inc.
Video Design Consulting
C-MAC/SMA Active, Hybrid Video Filters
http://ourworld.compuserve.com/homepages/gls_sma
phone/fax (408) 279-5118

8. Re: They will never ask

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: cphillips@interpath.com
Message-ID: <4tr8j8$ake@redstone.interpath.net>
Source record: 219810
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.shortwave

Burt Fisher <kotzebue@juno.com> wrote:
>Glen Quarnstrom wrote:
>> Burt Fisher <kotzebue@juno.com> wrote:
>> >In a contact see if a ham E V E R asks YOU about Y O U .

>> *I* think *YOU* are exaggerating.
>Well try it when you go on the air.
>Say nothing about yourself until asked.
>You rarely will be asked.

Not true, not true, not true.
Often after I have been talking about my station for a while I'll
say, "But enough about what *I* think... what do YOU think about my
station."

========== Opinions expressed are solely those of the author =========
Curt Phillips, CEM KD4YU (ex-WB4LHI)| They that can give up essential
Chairman, Tar Heel Scanner/SWL Group| liberty to obtain a little
ARRL Life;QCWA; Raleigh ARS;NRA; AEE| temporary safety deserve neither
Energy/Recycling BBS 704-547-3114 |liberty nor safety. -Ben Franklin
== cphillips@interpath.com === [Copyright 1996 All rights reserved]===

9. world biggest secret almost lost

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: Joesph Fenn <jfenn@spartacus.hula.net>
Message-ID: <Pine.OSF.3.93.960801154532.27460D-100000@spartacus.hula.net>
Source record: 219811

Dont remember exactly the Month issue of QST, but was in 1944 as I recall
when QST leaked info of how the process worked in the first construction
of the A bomb. It wasnt titled anything like that, as noone had ever
heard of such a thing at the time, but that one edition was quickly
pulled from all newstands etc but some of the subscribers saw it and
wondered what the reference was about. My mind is fuzzy now but I
remember reading about heating the filament of some kind of a tube,
I think it was a magnetron and using RF power to heat the filament
rather than AC or DC. Does anybody out there recall that????.
(who knows maybe Im drifting off into Alzeheimers or something).
KH6JF (W4FAG at the time during WW2)

10. RE: JAMMERS ON 2 METERS

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <4trchf$c70@anomaly.ideamation.com>
Source record: 219812

byrnes@hpgslmgr.fc.hp.com (John Byrnes) writes:

[private e-mail deleted]

Oh look. Johnny figured out how to forward his private e-mail to USENET.
How neat.

> Your just an insecure snob who tries to put other people down to
> make yourself feel better.

Yup, you're right.

> I told you that I had a Degree in EE not to boast, but to illustrate
> a point:

Oh. I thought your degree was in psychology. You're so good at
psychoanalysis.

> "radio operations"? Oh, you mean *CW* radio operations. As if they
> are the only way to communicate. I have nothing against code, go have
> fun. But what do you know about radio communications, ye who calls
> "CQ" on voice frequencies?

Listen to any voice call on HF and you'll hear the word "CQ". Unless,
of course, someone is specifically calling another ham by call that is.
This must be part of that extensive "radio knowledge" that falls into
your "I've forgetten more than you know about radio" category.

> "postings"? You're always spewing about things you don't know. You
> apply the word ignorant to others, but it seems you're just labeling
> yourself.

You do know what a USENET posting is, don't you?

> I repeat. You're a real asshole. You know nothing about me.

You seem awfully judgemental about me (someone you know nothing
about.) Seems somewhat hypocritical.

MD

P.S. Your blood pressure just went up.
--
--
-- Who needs looks when you've got taste?
--
-- If you don't like my opinions, that's just too damn bad.

11. Re: Code above 11wpm

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: Stan Vandiver <kd9be@pla-net.net>
Message-ID: <3201A250.7FD6@pla-net.net>
Source record: 219813

Scott wrote:
>
> I just got my Novice licence and am going for the Tech + on August 3rd. I
> was planning on taking the General Class 13wpm code test the same day and
> the theory the next month, but it seems that i've been practicing my code
> for weeks and I just can't seem to get above 11wpm.
>
> Any tips?
>
> Scott, KF6FCN

Well, everybody is different Scott... but the way I made 20wpm was to set the computer programs (I used 3 of 'em) at 20wpm, and practice for 3 or 4 short periods per day... not more than about 15-20 minutes each time. There was no "hump" to overcome. Some say to copy a little "faster" than the test you'll be taking... but I'm not into overkill. :-)

Day 1 was pretty miserable, as you might guess. But I copied a little more each day. I also saw a pattern developing that I copied better in the mornings than in the evenings... which worked out well since the VE session I went to was always in the AM.

But the real "key" (I think that's a pun!) is practice, practice, practice... and then be confident in yourself when you go take the test. I'm a VE now, and I've seen way too many people fail because of nervousness... on both code and theory. Most VE's don't bite, we're not God (or the FCC), and we don't enjoy seeing people fail. Be calm, and if you miss something and get hung-up, try to recover from it as fast as you can and start copying again!

Its always great to see folks like yourself going for their upgrades... keep it up, and the very best of luck to you!
--

73, Stan
AX.25: KD9BE @ KD9BE.#NWIN.IN
WWW: http://www.pla-net.net/~kd9be/

12. New Home Page!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: k6pgt@csufres.n5uyi.ampr.org
Message-ID: <4tqnq0$m9h@alpine.psnw.com>
Source record: 219814

Check out my new home page. It has "Amateur Radio" area with several links to good things. Has information on tcp/ip, and some good ftp sites!

enjoy 73

k6pgt

13. SELECT-A-TENNA

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: jcolvin900@aol.com
Message-ID: <4trlfi$h54@newsbf02.news.aol.com>
Source record: 219815

Does anyone know anything about this antenna? Is it any good and where can I but it.

Thanks

14. Re: Fuck You Jim You Low Life

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: Aubrey Hawkins <aubreyh@why.net>
Message-ID: <32019EE6.149@why.net>
Source record: 219816
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

Richard Chalk wrote:
>
> In article <3200F1F1.7856@ricochet.net>, shadow@ricochet.net wrote:
> >I can't express my thoughts
> >Get the hell out of here]
> >
> >WELL FUCK YOU ASS HOLE
>
> Nice to see that my kids can cruise these groups without having to put up with
> bad language...

CHILDREN, CHILDREN.. are'nt we all adults here?

15. BEWARE OF JON VAN ALLEN, KF7YN, IN SALT LAKE CITY

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: clarke@aztec.asu.edu
Message-ID: <4tqudr$n1q@news.asu.edu>
Source record: 219817

The following posting appeared last February.

>Article #36730 (37332 is last):
>Newsgroups: rec.radio.scanner
>From: yonnie@sltrib.com (Jon Van Allen)
>Subject: WANTED DEAD OR ALIVE- OLDER BEARCAT SCANNERS
>Date: Wed Feb 28 21:49:37 1996
>
>Wanted, your old Bearcat 210, 220, 20/20, 250, 300 or 350
>scanners, working or not. Any of these old classics still
>out there? Maybe just collecting dust? Let me know if you
>have one relegated to the junk heap. Post here or via email
>yonnie@sisna.com
>
>Thanks, Jon

Seems innocent enough. We corresponded by e-mail and I told him
I had two Bearcat 250s that I had been planning on fixing but
wasn't really sure I had the knowledge so thought I would sell
them. He said all he could offer "sight unseen" was $20 each.

To make a long story short, I sent them to him for evaluation with
the understanding that he would send me a check after he got a
chance to look at them. That was last April.

Here is the e-mail I received from him just before I sent the
scanners to him. Pretty smooth, isn't he!

>Thanks for the update. Your plan is fine with me, and I will give you a fair
>price once I have looked them over. I am an honest person, and you know
>Jack, I have not been burned yet dealing with people over the net on a basis
>of mutual honesty.
>
>I'll be glad to get them, thank you.

I have sent e-mails requesting my money on May10th, June 11th,
and July 14th and got no reponse from him.

We live and learn. Just felt an obligation to share this with you.

Jack
in Mesa
--

16. GB2RS News 4th August 1996

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: David Hough <dave@llondel.demon.co.uk>
Message-ID: <838953626snx@llondel.demon.co.uk>
Source record: 219818
Cross-posted to: uk.radio.amateur,rec.radio.info,rec.radio.amateur.misc

Good morning. It's Sunday the 4th of August and here is the GB2RS news broadcast, prepared by the RSGB and intended for all radio amateurs and short-wave listeners.

A cheque for 11,000 was presented last week to the AMSAT-UK Phase 3D Fund by RSGB President Elect Ian Kyle, GI8AYZ. This is in addition to the 25,000 donation made to the fund by the RSGB last year. The cheque was accepted by AMSAT-UK secretary Ron Broadbent, G3AAJ, during the official opening of the AMSAT-UK Colloquium.

Almost 100 delegates from 17 countries attended the Colloquium - which took place from the 25th to the 28th of July at the University of Surrey - and, as usual, there was an interesting array of lectures. One of the speakers, Graham Ratcliff, VK5AGR, became the first recipient of the new G3AAJ AMSAT-UK Trophy which will be awarded annually for 'outstanding service to the Amateur Satellite Service'.

The RSGB's National Mobile Rally takes place at Woburn Abbey in Bedfordshire today, Sunday, the 4th of August. The event features traders, an RSGB book stall and membership information stand, and a direction finding competition. In addition, there are the attractions of the Abbey building and Wild Life Park. Doors open at 9.00am and full details can be found on pages 44 and 45 of the August edition of RadCom.

Those wishing to make nominations for the two Scottish Trophies - the Jack Wylie Trophy and the Jock Kyle Trophy - should note that the deadline is the 14th of August. Nominations should be sent to Tom Menzies, GM1GEQ, whose address is correct in
the RSGB Call Book.

Meanwhile, the nomination deadline for the G5RP Trophy is the 30th of August. Nominations should be sent to RSGB HF Committee, care of Fred Handscombe, G4BWP, whose address is correct in the latest RSGB Call Book. Full details of these trophies can be found in the July RadCom.

The RSGB's Repeater Management Group would like to invite any interested group to apply for a Notice of Variation to construct, install, commission and run a 2 metre FM voice repeater to cover the North Worcestershire and South-West Birmingham areas, allowing coverage of the motorways and trunk routes. For application forms and guidance notes, please write to the Repeater Management Group, at RSGB HQ.

And the Repeater Management Group would also like to hear from all amateurs who regularly use a 23 centimetre voice repeater, especially when mobile. The group is interested in compiling sufficient information

to enable it to forward plan the system, and help to increase activity. Please send details of how you view your local 23 centimetre voice repeater coverage, the equipment used in your installation, and any information you think could help future repeater planning. Write to Ken Baker, G3SPX, RMG Publicity Officer, 12 Woodlands, East Ardsley, Wakefield, WF3 2JG.

The 23cm repeater, GB3BH at Bushey Heath in Hertfordshire, is now back on the air in beacon mode only. A 20 second digitally recorded message is being played on the output frequency of 1297.000 MHz. It is hoped that the repeater will be fully operational by the end of this year. For more details contact Dave, G7LXP, whose address is correct in the current RSGB Call Book.

Now some items of HF DX news from the weekly RSGB DX News Sheet, edited by Chris Page, G4BUE:

From Fiji, I5JHW will be active from next Thursday, the 8th, for six days. The callsign is expected to be 3D2HW. Operation will be on CW and SSB on all bands from 7 to 28MHz, but primarily CW on 14,022kHz using 100 watts and a vertical antenna.

From Micronesia, DJ9HX will be operational as V63CO from the 10th to the 14th of August, from Truk Island which has the IOTA number OC-011.

And Scottish islands are to be activated by G3TQQ, as GM3TQQ Portable. He will be on Arran from tomorrow, the 4th, until the 7th; and on Great Cumbrae on the 9th. These islands count as IOTA EU-123. He may go to Gigha Island from the 7th to the 9th. This is EU-008.

Now news of special event stations:

Today, Sunday the 4th of August, the North Cheshire Radio Club is operating three special event stations at the Guide Association 'Voyager 96' International Camp. This is taking place in Tatton Park, Knutsford, Cheshire and is being attended by some 700 guiders from all over the world. Operation is on all bands from 160 metres to 70 centimetres. Look out for their callsigns GB0GG, GB1GG and GB0VGA particularly on 3.645, 51.450, 70.450, 145.450 and 433.450 MHz. Schedules can be arranged with Gordon Adams, G3LEQ, on mobile 0973 368073 at the camp site.

Next the Rally News:

The GB3WD Car Boot Sale takes place next Sunday, the 11th of August, starting at 10am. The event takes place at Sparkwell Wildlife Park, Plymouth. For more information telephone 01752 837319.

The Flight Refuelling Amateur Radio Society Hamfest also takes place next Sunday, the 11th. The event takes place at the Flight Refuelling Sports Ground, Merley, Wimborne, Dorset and doors are open from 10am to 5pm. Attractions include a bring and buy sale, craft exhibitions and field events. Talk in is on S22. For more details telephone 01202 691021.

The Red Rose Rally takes place on Sunday the 18th of August at Horwich Leisure Centre, Church Street, Horwich, near Bolton. Please note that the location is just off junction six of the M61 and not junction eight as stated in August RadCom. Doors open at 11am and 10.30am for disabled visitors. Features include a bring and buy sale, special interest groups and an RSGB stand. For further details telephone 01204 62980.

The Amateur Radio Caravan and Camping Club's next rally takes place near Hereford from Friday the 23rd to Tuesday the 27th of August. Telephone 01462 811208 for more details.

Now for the contest news:

Today, Sunday, the 4th of August, the RSGB's second 'ROPOCO' contest takes place from 0700 to 0900 UTC on 80 metres CW. The rules can be found in the September 1995 RadCom.

The European DX contest takes place from zero hours on Saturday the 10th until 2400 UTC on Sunday the 11th of August on CW. Brief rules can be found on page 23 of the August RadCom.

There is no solar news this week owing to the GB2RS script being produced early. This was to avoid delays caused by the backlog from the recent postal strikes. From next week the normal GB2RS schedule will be resumed. Next week's GB2RS will include two week's propagation data. Note that this week's propagation information will be on the RSGB's Internet site by the time this bulletin is read. The address is 'www.rsgb.org.uk'

Finally in the main news, SSL has informed the Society that as of last Wednesday morning, the latest callsigns allocated were in the M0 Alfa India and M1 Alfa Romeo series, and Novice calls in the 2 0 Alfa Oscar and 2 1 Foxtrot Foxtrot series.

--
GB2RS is prepared by the Radio Society of Great Britain.
Tel +44 1707 659 015
Fax +44 1707 645 105
http://www.rsgb.org.uk/

17. Question about lat-long coordinates.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: rc1720@cwconnect.ca
Message-ID: <4tr2gg$ik8@news.bellglobal.com>
Source record: 219819

I'm looking for latitude longitude coordinates for Canadian cities/towns. Could someone tell me where I can find them on the internet?

Wayne (RC1720)

18. Revised Homepage URL

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: Dave Booth <booth@pactitle.com>
Message-ID: <3200E776.41C6@pactitle.com>
Source record: 219820
Cross-posted to: rec.ham-radio.packet,alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,fidonet.ham,rec.ham-radio,rec.ham-radio.packet,rec.ham-radio.swap,slac.rec.ham_radio,su.org.ham-radio,swb.lists.linux.hams,rec.radio.swap,tnn.radio.amateur,uwarwick.societies.amateur-radio

Sorry for not having the url in there....
http://www.geocities.com/Hollywood/5860

Enjoy!!!!!

dave booth kc6wfs
booth@pactitle.com
kc6wfs@aol.com

19. Re: The "I" man is a ham HI HI

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: patrick_tatro@stortek.com
Message-ID: <4tqo2j$aig_002@stortek.com>
Source record: 219821
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.shortwave

>Burt Fisher <kotzebue@juno.com> wrote:

>Hams suffer from the "I" disease.
>I did this.
>I did that.
>I worked this country, I bought that rig, I got
>my Extra, I am going to
>work the contest, I put up a 30 element 20 meter
>beam, I visited W1AW

OKAY Burt how does this sound.....

My family worked this country, my city bought
that rig, my state got its Extra, the whole
country is going to work the contest, the whole
flipping world put up a 30 element 20 meter beam.

This is a hobby of individual accomplishments.
Many individuals in this hobby are not keen on
group activities. As you can see most of the "I"
things you listed cant be done as "WE" things.

>I work at.....etc etc etc. The only time they say
>"we" is when they
>really mean "I."
>In a contact see if a ham E V E R asks YOU
>about Y O U .

As far as the YOU thing, we all know what YOU are.

Sincerly
Pat N0WCG

20. Re: RF attenuation of mirrored glass at 900MHz?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: "F. Kevin Feeney" <fkf1@cornell.edu>
Message-ID: <4tr1l2$bou@newsstand.cit.cornell.edu>
Source record: 219822
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc

>John Paul Morrison (jmorriso@bogomips.com) wrote:
>
>: Does anyone know how many dB of loss mirrored office tower glass
>: windows have at 900 MHz? Or where I could look it up?
>
>: Cell phones work inside the building, so it couldn't be too bad.
>
>: I'm guessing between 5 to 10 dB.
>
>
> I'm sure it depends on what kind of mirroring material you have. But
>I can share one experience I had though with a pull-down mylar sun shade
>on an office window.
>
> With a midsized yagi set up inside the building and line-of-sight to a
>hilltop radio at 904 MHz I couldn't figure out why signals were so weak
>(~30 dB down from LOS values) and the antenna peak seemed poor and in
>the wrong direction. Finally I realized that the shade was down and
>pulled it up. Doing so restored the signal strength and made the
>antenna pattern look correct once more.
>
> It was a pretty dramatic difference.
>
>
>Glenn Elmore n6gn
>

I had to set up a temporary 900 mhz wavelan system in an office window
while we waited for them to finish building the roof and give us access
to it, and it also had the 'low E' glass on it.

I found I could put a corner reflector in the room, spaced off the glass,
and get usable signals through it. But it took a lot of fiddling. We had
to experiment with how far off the glass to space it (so the reflections
nulled I assume) and then mount the whole thing with homebrewed hacked up
styrofoam spacers and duct tape to hold the antenna 'just so'. Then we
found if you walked around the room, the reflections out the side of the
corner reflector bounced off you and back in and messed things up, but
some aluminum foil on the open sides (and more duct tape) cured that.
Pretty *ugly*, but it worked until we could do the proper install on the
roof.

Attenutation wise, I'd guess 10 db also, we were running over a 1.5 mile
path on gear rated for 3 miles so it couldn't have been too high.

Like they said on the duct tape commercial on PHC last week..."Duct tape.
When you can't get the job done right, get the job done. " :-)

kevin, WB2EMS

21. Re: Morse and speech association?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: T E I X E I R A <teixeira@ccnet.com>
Message-ID: <4tqlnt$bed@ccnet2.ccnet.com>
Source record: 219823

>I see there is a course out (not mentioning any names) that teaches Morse
>code using speech association. Every character has a short phrase
>associated with it.

There are many courses out there.....if it works, great. I think the real point is to learn the sound of each character. That'=
s what this course is doing. If you learn code by counting dits & dahs you will never get past the 10 wpm barrier. This is the rea=
son for the 13 wpm test for general.

Don AC6TG

22. Re: FS: All Ham Bands, Reply to Republican Congress

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: T E I X E I R A <teixeira@ccnet.com>
Message-ID: <4tql29$bed@ccnet2.ccnet.com>
Source record: 219824

>Not if they plan to use their dues money to fight the Conservative
>Republican Congress that I campaigned for, voted for, and fully support.
>
>-Drew in Sunny Central Florida-
>
The ARRL doesn't have to fight the Conservative Republicans.....between Newt Gingrich, Bob Dole & Rush Limbaugh they are doing on=
e hell of a job destroying that party.

23. IPS Daily Report - 01 August 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <4trdi7$9kl@flare.syd.ips.oz.au>
Source record: 219825
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 01/2330Z AUGUST 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 01 AUGUST AND FORECAST FOR 02 AUGUST - 04 AUGUST

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 80/20

GOES satellite data for 31 Jul
Daily Proton Fluence >1 MeV: 8.7E+05
Daily Proton Fluence >10 MeV: 1.7E+04
Daily Electron Fluence >2 MeV: 2.5E+05 (normal)
X-ray background: A7.0
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
02 Aug 03 Aug 04 Aug
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 02 Aug: 80/20

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Quiet to unsettled

Estimated Indices : A K Observed A Index 31 Jul
Learmonth 11 3322 3322
Fredericksburg 12 19
Planetary 15 14

Observed Kp for 31 Jul: 3224 4333

2B. MAGNETIC FORECAST
Date Ap Conditions
02 Aug 15 Quiet to unsettled
03 Aug 10 Quiet to unsettled
04 Aug 10 Quiet to unsettled

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band

Date Low Middle High
01 Aug Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
02 Aug Normal Normal Normal
03 Aug Normal Normal Normal
04 Aug Normal Normal Normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
01 Aug 11

Observed Australian Regional MUFs:
Darwin: Near predicted monthly values with night-time spread F.
Townsville, Sydney and Hobart: Near predicted monthly values.

Predicted Monthly T index for August: 10

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
02 Aug 10 near predicted monthly values
03 Aug 10 near predicted monthly values
04 Aug 10 near predicted monthly values

A Windows version of the IPS HF prediction software, ASAPS, will
be available from early August 1996, for AUD350.
Upgrades from DOS versions 2.0 and higher will be available for
AUD50.
For more details, or to obtain a free demonstration copy, please
contact IPS.

--
IPS Radio and Space Services | email: rwc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/rwc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/rwc/
tel: +61 2 94148300 | fax: +61 2 94148331

24. Re: They will never ask

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: df@mnsinc.com
Message-ID: <4tre7m$qni@news1.mnsinc.com>
Source record: 219826
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Burt Fisher <kotzebue@juno.com> wrote:

>Glen Quarnstrom wrote:
>>
>> Burt Fisher <kotzebue@juno.com> wrote:
>>
>> >Hams suffer from the "I" disease.
>> >I did this.
>> >I did that.
>> >I worked this country, I bought that rig, I got my Extra, I am going to
>> >work the contest, I put up a 30 element 20 meter beam, I visited W1AW
>> >I work at.....etc etc etc. The only time they say "we" is when they
>> >really mean "I."
>>
>> >In a contact see if a ham E V E R asks YOU about Y O U .
>>
>> *I* think *YOU* are exaggerating.

>Well try it when you go on the air.
>Say nothing about yourself until asked.
>You rarely will be asked.

>#===============#===#
>| Burt Fisher | Teacher of video, broadcasting and electronics |
>| Amateur call | South Dennis, Ma. (Cape Cod) |
>| K1OIK | Mr. Happy should not be happy all the time. |
>#===============#===#
>| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
>#===#

Could you please keep this out of rec.radio.shortwave?

Thanks.

Dan

25. Re: The "I" man is a ham HI HI

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: rogerjb@earthlink.net
Message-ID: <4tqehs$mtv@ecuador.it.earthlink.net>
Source record: 219827
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.shortwave

In <31FC1364.EC0@juno.com>, Burt Fisher <kotzebue@juno.com> writes:
>Hams suffer from the "I" disease.
>
>In a contact see if a ham E V E R asks YOU about Y O U .

Happens all the time. I don't know where you've been. Ever try the digital modes?

Roger J. Buffington
W6VZV
USC Law School Class of '97

rogerjb@earthlink.net

"I want to die peacefully, in my sleep, like my grandfather.
Not screaming, and in terror, like his passengers."

26. Antenna patterns for Comet, Diamond base station antennas?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: no6b@no6b.jpl.nasa.gov
Message-ID: <4tr1oq$fbb@elroy.jpl.nasa.gov>
Source record: 219828
Cross-posted to: rec.radio.amateur.misc,alt.ham-radio.vhf-uhf

I've heard a lot of rumors surrounding these multi-band low-cost high-gain omni base station antennas wrt beam uptilt, deep pattern nulls & overrated gain specs. Has anyone actually performed an elevation beam pattern measurement on either of these brands?

Bob NO6B (KE6TZF)

27. Will TS820 CW filter fit in TS130?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1DvGpq3.7I8@netcom.com>
Source record: 219829
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

I recently bought a TS130, and already own a TS820.
Only the TS820 has a CW filter.

The pictures in both manuals show CW filters that look similiar
in dimensions, but different numbers.

Can one fit a TS820 CW filter into a TS130?

If not, where can I get a TS130 CW filter, and how much does it cost?

DE KB0WOB

28. Re: All Ham Bands, Reply to Republican Congress - NOT

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: Jim Altman <jaltman@altlaw.com>
Message-ID: <01bb7fe3$ce4a4c20$86c41cce@n4uck.altlaw.com>
Source record: 219830
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.amateur.policy

Is it your understanding this did not occur prior to 1992? What planet
were you on?
--

Jim Altman jaltman@altlaw.com non illegitimus carborundum
cserve 74213,1125 http://www.altlaw.com/metro/jaltman.html

Gerry Feid <ugfeid@uxa.ecn.bgu.edu> wrote in article
<4tqadk$nbq@news.ecn.bgu.edu>...
>So don't be stupid enough to blame a Republican Congress for what the
> Democratic appointees are doing. Not only is it incorrect, it's
> indicative of the childish partisan finger-pointing that's been going on
> since 1992.
> Gerry
> N9RJV
>
>
>

29. Re: HTX-202 replacement battery?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: clint.bradford@atdbbs.com
Message-ID: <9608011015142567@atdbbs.com>
Source record: 219831

>>The HTX-202 does not like to be powered from 12 volt or greater
>>batteries because the built-in zenar diodes will tend to overheat.

This is absolute nonsense. Check with the Project Engineer for the
HTX-202 before you re-print outdated, incorrect information in any
public forum.

clint.bradford@atdbbs.com
... Artificial Intelligence is no match for Natural Stupidity.
---
* TLX v4.00 *

30. Re: Question about lat-long coordinates.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: wa4pgm@moonstar.com
Message-ID: <NEWTNews.838948682.7475.wa4pgm@wa4pgm.moonstar.com>
Source record: 219832

In Article<4tr2gg$ik8@news.bellglobal.com>, <rc1720@cwconnect.ca> write:
> I'm looking for latitude longitude coordinates for Canadian
> cities/towns. Could someone tell me where I can find them on the
> internet?
>
>
> Wayne (RC1720)
>

Wayne,
I'm not sure if it will help you but I have a link on my
ham page that you might look at. It's under my VHF/UHF
Menu as "Where am I"
Could be something, not sure.
Good Luck,
Kyle

http://www.moonstar.com/~wa4pgm/

31. Re: DF gear for a repeater (was VORTAC, RADAR)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: Jeff King <jeff@mich.com>
Message-ID: <32010994.1148@mich.com>
Source record: 219833

Jake Brodsky wrote:
>
> Jeff King wrote:
> >
> > And if you put similar setups at the remote reciever sites, you could
> > pinpoint the approximate position. Sounds like a project, aye?
> >
>
> You know, this isn't as bad as it sounds. I've seen DF gear for marine
> use. A little indicator lights up to show you what relative bearing the
> signal's coming from. One could build something like that at each
> receiver site. You could latch it and then shoot that information back
> when it gets polled by the repeater. Nah, too complicated...
>
> 73,
>
> Jake Brodsky, mailto:frussle@erols.com

Actually, it might be a good product for repeaters with remote recievers. The bearing and signal strength could be encoded on a low data rate PL/FSK signal on the reciever link. Then this would all be collected at the main transmitter and the trig done to give you a exact latitude and longitude of the transmitter in question.

The lat/lon could be spit out as voice at the tail of each transmission. Certainly would discourage any fixed repeater jammers. I don't think it would be that cheap, but for the repeater with all the bells and whistles it might be a good add-on.

I've seen some Army contracts (and they may be real now) for systems like this. The Army wants to locate small forces who often use handheld radios and operate guerilla style. Of course, there objectives are to automatically steer a mortar at the offending operator. Actually, this might be useful in amateur radio also ;-)

-Jeff WB8WKA
jeff@mich.com

32. Re: Radio Shack HTX-212 modification

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4tqnu2$84l@freenet-news.carleton.ca>
Source record: 219834

Steve King (afn35036@afn.org) writes:
> rong@southwind.net (Ronald Glanzer) wrote:
>
>>Does anyone now how to modify Radio Shacks 2m mobile radio (HTX-212) so
>>that you can store non-amateur radio frequencies in memory?
>
> I was more upset that I can't use a local repeater because the input
> is 5 kc below the 212's minimum xmit freq.
>
> Steve
> --
> http://www.afn.org/~afn35036 (EL89tq)| "I have never really understood the
> http://www.afn.org/~gars | rationale behind sports...which
> http://www.afn.org/~quilters | all seem like exhausting new ways of
> PGP pub key: finger afn35036@afn.org | getting injured while sweating." -LGW

Look up Tandy's help sheet on Internet. You have to use the MARS CAP soft
mod.
--
73s Frank Sved, VE3GID

33. Re: Cookie Monster's Not Happy

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4tqoc5$8ba@freenet-news.carleton.ca>
Source record: 219835

Jim Kehler (pacrimgolf@kuentos.guam.net) writes:
> Cookie Monster <willie@cpeq.com> wrote:
>
>>You know, I took a great deal of crap being a citzens band operator. I
>
> As you will probably take a great deal of crap in this newsgroup if you continue
> to post messages that you don't sign and that are posted under the name of
> 'Cookie Monster'. Especially when you show up and start criticizing things that
> you obviously don't understand.
>
>>was told that there was nothing but trash on cb and that the hams and ham
>>bands were much more civil. Well I got my tech last Saturday and I was
>>really excited. I have been looking for all of the ham stuff on the web
>>I can. Tonight I found this thread. Sounds like channel 19 to me.
>
> Congratulations on your new ham ticket. You should be excited and we are happy
> for you. But you are venting your excitiment in the wrong direction. Time for
> your first ham lesson, maybe. This is NOT ham radio. This is usenet, a part of
> internet. Ham radio entails the use of RADIO equipment. Maybe that's why they
> named it ham 'radio' instead of 'ham computer' or 'ham internet'. If you are
> interested in ham radio, as you must be, I would suggest you go get a radio and
> talk to other people on the radio. If you are REALLY interested in ham radio, I
> would suggest you go get an HF radio and talk to other people in othere
> countries on the HF radio. On HF is where you find the real 'ham bands'. You
> didn't find the 'ham bands' when you found this thread, or any of the other
> threads in this newsgroup.
>
> Whomever told you that there was 'nothing but trash on CB' didn't tell you the
> truth. I haven't been there myself in many years, but I am sure you will find
> some perfectly nice, normal people who use CB radios. Whomever told you
> that hams and the ham bands were 'much more civil' was probably partially
> correct. In general, I guess, the ham bands are more 'civil' because more
> people try and operate under a set of guidelines and rules. But hams are
> people, just like CB'ers. Some hams can be downright uncivil. Keep reading
> this newsgroup and you will probably agree in a short time.
>
> As I said before Cookie Monster (Christ, I hope that's not your real name, if it
> is I apoligize for my opening remark), this is usenet. Look in any usenet
> newsgroup and you will find the same uncivility you find in this one. People
> come to usenet to argue. People come to usenet to debate. People come to
> usenet looking for information on a particular subject, and soon realize that to
>
> find it they have to wade thru all the other muck. That's internet, it's not
> ham radio. Go over to the DX group and ask someone for QSL info, and see how

> fast you get it. Go to the antenna group and ask for help building or tuning an
> antenna, and see how fast you get it. Amongst those of us that are here to
> argue and debate, you will find lots of hams on internet willing to help you.
>
> You are excited. That's great. I, and a lot of other hams, remember how
> excited we were when we got our first license. As I said we share your
> excitement. But in order to sustain your excitement and get the most out of
> your new license, you are going to have to do something other than look around
> in this newsgroup, find the nastyest thread you can find, liken the participants
> to what you heard on 'channel 19' and then disappear.
>
> Here's something for you to go look at, Cookie Monster.
>
> http://cpcug.org:80/user/wfeidt/index.html
>
> It's a ham radio website. Hope I typed the address right. Anyway, look around
> and see if you can find something called a packet cluster. That's something
> that people use to see who's on HF. Go look at twenty meters and see if you can
> figure out what countries all the calls listed are in. Maybe that will get you
> excited. Hopefully more than our little discussion of Fuzzy Rabid's 'bite me'
> remark does.
>
> And when you go to bed tonite look at the ceiling and say this over in your head
> about 50 times......
>
> THIS IS NOT HAM RADIO. THIS IS THE INTERNET.
>
> If you need some help with something and you think you can manage to stop
> comparing us to what you have heard on channel 19, come back and maybe we can
> help you out. Or then again, maybe we'll just give you some more crap. Cuz
> after all, this ain't ham radio, this is internet..... you dial the
> number, you take your chances.
>
> Again, congratulations on your new license. I hope you enjoy ham radio as much
> in the next 20 years as I have in the last 20.
>
> 73, Jim KH2D
>
>
>

Jim's right to a certain degree. The only thing irritating is that he
says things that are "supposed" facts. Like WE are happy for you ... and
on, and on, and on. No offence but I'm not happy for anyone. Actually
I'm not even happy for myself.
--
73s Frank Sved, VE3GID

34. Re: They will never ask

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4tqnpu$83n@freenet-news.carleton.ca>
Source record: 219836

Jake Brodsky (frussle@erols.com) writes:
> (complain mode on)
>
> Though I frequently disagree with Burt's point of view (not to mention
> his presentation) I think he has a *very* valid pet peeve here. The
> art of conversation in Ham Radio is not only dead, it has mutated to
> pointlessness. I miss the old days of the Rag Chewer's Club. I miss
> the variety of conversation. The bands are filled with inane and
> "hi-bye" contacts which last for over an hour.
>
> All this capability for talking around the world --and they can't think
> of a damned thing to say. That's pathetic.
>
> I'm with you on this one Burt! How can we keep ham radio attractive
> when the only thing you hear about besides radio talk is some old
> geezer complaining about the surgery he had over a year ago.
>
> (complain mode off)
>
> 73,
>
> Jake Brodsky, mailto:frussle@erols.com
> PP-ASEL-IA, Cessna Cardinal N30946, Based @ MD24
> Amateur Radio Station AB3A
> "Beware of the massive impossible!"

Asking Burt for progressive, constructive input on this topic is like
asking an arsonist to supply new fire prevention measures.
--
73s Frank Sved, VE3GID

35. Re: CAP mod for htx-202?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: John Reed <jreed@ilinks.net>
Message-ID: <32015312.376B@ilinks.net>
Source record: 219837

dct@bright.net wrote:
>
> Can you get the 202 modified for CAP use?

Nope! But the 212 mobile can do it!

There was a mod published years ago, but it was a sick April Fools Day
joke. It even made its way into a MOD book.

Hope this helps you out!

John

--
+---+
| John Reed - N4TII - Georgia CAP 44 - AFA2FH |
| jreed@ilinks.net |
| jreed@lib.brenau.edu |
| jreed@mercury.gc.peachnet.edu |
+---+
| "If you can guess how many quarters I have in my pocket, |
| then I'll give you both of them .... " |
+---+

36. Re: Antenna patterns for Comet, Diamond base station antennas?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: Steve Wolf <no8m@apk.net>
Message-ID: <32013453.5E09@apk.net>
Source record: 219838
Cross-posted to: rec.radio.amateur.misc,alt.ham-radio.vhf-uhf

> I've heard a lot of rumors surrounding these multi-band low-cost high-gain omni
> base station antennas wrt beam uptilt, deep pattern nulls & overrated gain
> specs. Has anyone actually performed an elevation beam pattern measurement on
> either of these brands?

Our Club repeater was treated to a brand new Diamond in the summer of
.. I think 1992. Worst damn drought we ever had. Sucked the water
right out of the air, it did. We know that's what caused our drought
as the next year we had to replace it due to high SWR.

In taking it apart, we found that the clips used to keep the different
internal parts together were steel. They ended up being balls of rust.
We then determined that the foam used was open cell. This allowed the
water to be absorbed in to the foam ... which was next to the clips.

Irregardless of the RF pattern, it sucked water so bad that it ruined
the local farm economy. Backyard gardeners were heartbroken. We
went back to our Telwave.

This can be useful. I just bought a Diamond trunk lid mount for my
car (maybe three weeks ago). My wife can't understand why my car
looks better than hers. I just point to the rusted up screws ...
Diamond strikes again ... sucking up all the water so it never rains on
my car.

Hard to believe that products that seem well designed and marketed
can be so damn disappointing when actually in service.

--
73,
Steve
Internet: no8m@apk.net
Amateur Radio: no8m@no8m.#neoh.oh.usa.na
MSYS Mail List: msys-request@hamnet.org ('info' for title)

37. NO CONVERSATION

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: roland.stiner@hobbs.com
Message-ID: <8C59491.0029006560.uuout@hobbs.com>
Source record: 219839

To: frussle@erols.com
Subject: NO CONVERSATION

>pointlessness. I miss the old days of the Rag Chewer's Club. I miss
>the variety of conversation. The bands are filled with inane and
>"hi-bye" contacts which last for over an hour.

How about non stop computer talk: my computer has this and does this
and is this fast with this drive and video... for hours! That's what
we get here in NY.

OLX 1.53 --------------> 73, de NK2U <----------------

* Origin: CyberNet BBS Lyndhurst, NJ (1:2604/151)

.....ooooooooo���OO0O0o
http://www.intac.com/~cono ___,-----.----+_____#_
The Roy Hobbs BBS |_____| |__|_____}
Moonachie N.J. 201.641.3126 ooooo oo ~ ooO-O-O-O == ��\
==

38. Fuck You Jim You Low Life

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: The Shadow <shadow@ricochet.net>
Message-ID: <3200F1F1.7856@ricochet.net>
Source record: 219840
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

I can't express my thoughts
Get the hell out of here]

WELL FUCK YOU ASS HOLE

39. Re: JAMMERS ON 2 METER

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <4tpbcb$b8j@anomaly.ideamation.com>
Source record: 219841

In article <4tmcp8$sb2@abyss.West.Sun.COM>,
Dana Myers <myers@West.Sun.COM> wrote:

>7030KHz is a frequency; so is 7040KHz, and so is 14100KHz.
>
>However, when you transmit information more than one frequency
>is involved. Every signal occupies some amount of bandwidth;
>even CW occupies bandwidth like any other AM signal. A look in
>my Webster's dictionary shows that the salient definition of
>'channel' is 'a narrow band of frequencies used by a radio transmitter'.

Really? I transmit on 7030Khz. You transmit on 7031Khz. How many channels
are between those two frequencies?

>On a 2m radio, the channel bandwidth is usually greater than 5KHz,
>but every frequency you operate on represents the center of a channel.

Really? What's "Channel 19" on your 2 meter radio?

A "channel" might be a 'narrow band of frequencies used by a radio
transmitted', but they are also a "standard", in the sense that a group
of people must agree on what "Channel 1" represents.

Since there is no such "standard" or "good amateur practice" which
dictates the definition of "channels" in amateur radio, your claim that
ham radio uses "channels" is demonstrably incorrect.

MD
--
--
-- Who needs looks when you've got taste?
--
-- If you don't like my opinions, that's just too damn bad.

40. Morse and speech association?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: Graham Cebulskie KB8RDM <kb8rdm@[129.137.102.71]>
Message-ID: <Pine.LNX.3.91.960801000026.1453A-100000@ara.cas.uc.edu>
Source record: 219842

I see there is a course out (not mentioning any names) that teaches Morse code using speech association. Every character has a short phrase associated with it. I was listening to someone on a repeater the other day who was talking about it (I have also seen the ads). He said it is unbelievable! He was saying that after listening to the tape once, one could copy most of the characters. Is this a better method than listening to the characters over and over? Maybe I will order the tapes and check it out...

//
/ Graham Cebulskie KB8RDM Internet: kb8rdm@ieee.cas.uc.edu /
/ President Packet: KB8RDM@W8YX.#CIN.OH.USA.NA /
/ OCAS Amateur Radio Association Voice: 145.450- MHz /
/ Editor: The Repeater WWW: http://129.137.102.71/~kb8rdm/
/ Electrical Engineering Technology Creating a high public visibility /
/ OMI College of Applied Science of Amateur Radio and having a great /
/ University of Cincinnati time with the hobby! /
//

41. Re: homepage revised

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: Ken Bessler <kg0wx@southwind.net>
Message-ID: <32004078.7905@southwind.net>
Source record: 219843
Cross-posted to: rec.ham-radio.swap,alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,fidonet.ham,rec.ham-radio,rec.ham-radio.packet,rec.ham-radio.swap,slac.rec.ham_radio,su.org.ham-radio,swb.lists.linux.hams,rec.radio.swap,tnn.radio.amateur,uwarwick.societies.amateur-radio

Dave Booth wrote:
>
> I just revised my homepage if you want to check it out.
> new stuff!
> --
> Dave Booth
> kc6wfs

I am always ready to surf....However I do need a URL....:-)

42. Re: Want to get into Ham radio-anyone recommend a radio?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: Steven_Sampson@msn.com
Message-ID: <00001fef+0000487c@msn.com>
Source record: 219844

Funny how a stupid message about HT's can get so fucking lost in
content. You people need to get a life.

Steve
"Socialist Democrat - Clinton in 96 - Tax and Spend, it's only money"
"I'm the Governor, and this is my Penis"
"If you think I'm an asshole, you haven't seen my staff"

Jim Kehler <pacrimgolf@kuentos.guam.net> wrote:
>clint.bradford@atdbbs.com (Clint Bradford) wrote:

>>Yeah, I know. I can only "hit" three western states with my lousy
>>Standard C-288a 220MHz HT...

>No, you can hit three repeaters, not 3 states. Understand the
concept of linked
>repeaters, or repeaters in general. You aren't communicating with anybody or
>anything but the repeater.

Not only that, but remember those rptrs are someone else's radios. You're
completely dependent upon the owners of those radios for your communications.

>>You need to qualify what you're saying. Here in repeater-rich Southern
>>California, an HT will get you connected with about all you'd ever want.

Really? Tell me how to use a SoCal rptr to yak with Jim in Guam.

It would appear that "all you'd ever want" are hams within a limited radius
of yourself. Pity.

KH2PZ / KH6

43. Re: homepage revised

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: "Bernie McClenny, WR3E" <bernie.mcclenny@mail.wdn.com>
Message-ID: <3200FE03.3A4D@mail.wdn.com>
Source record: 219845
Cross-posted to: rec.ham-radio.swap,alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,fidonet.ham,rec.ham-radio,rec.ham-radio.packet,rec.ham-radio.swap,slac.rec.ham_radio,su.org.ham-radio,swb.lists.linux.hams,rec.radio.swap,tnn.radio.amateur,uwarwick.societies.amateur-radio

Ken Bessler wrote:
>
> Dave Booth wrote:
> >
> > I just revised my homepage if you want to check it out.
> > new stuff!
> > --
> > Dave Booth
> > kc6wfs
>
> I am always ready to surf....However I do need a URL....:-)

This is my first reply to a news group. What does this have to do with DX. I have been reading the rec.radio.amateur.dx stuff for about a week now and notice little DX info is reported here. Is this intended to be a source for DX? If not let me know so I can stop wasting my time. de Bernie, WR3E.

44. Re: RFD: rec.radio.amateur.boatanchors

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: mjsilva@ix.netcom.com
Message-ID: <4tovk2$jps@dfw-ixnews7.ix.netcom.com>
Source record: 219846
Cross-posted to: news.groups,rec.radio.amateur.misc

In <19960731.055739.477@vnet.ibm.com> jfeng@vnet.ibm.com (Joseph Feng) writes:
>
>In article <4tmg73$b25@lehi.kuentos.guam.net>, on Wed, 31 Jul 1996 01:23:32 GMT,> Jim Kehler <pacrimgolf@kuentos.guam.net> writes:

>>PUUUULEEEEZ let us know when it's time to vote YES so we can get
>>you guys moved off into your own little corner.

Another YES vote in the bag...

>I still have not seen any comment pro or con from either Jack Hill or
>Philip Porch(the real administrators of the Boatanchors mailing list).

Jack posted a message of support back when the newsgroup proposal resurfaced about two or three months ago. I didn't save it but no doubt somebody can dig it up.

73,
Mike, KK6GM

45. Re: Antique Military Radio Equipment

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: "alex@hic.net" <alex@hic.net>
Message-ID: <32006B37.584F@hic.net>
Source record: 219847
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Does anyone know how to convert an AN/PRC-21 to 2 METER? I will soon have one but it operates 152-174 Mc. When I get the Manual I will have more info. Thanks
alex@hic.net

46. Re: JAMMERS ON 2 METER

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: byrnes@fc.hp.com
Message-ID: <4tqm69$5i2@fcnews.fc.hp.com>
Source record: 219848

Michael P. Deignan wrote:
> In your letter to me, you write:
>
> > I notice you're too scared to tell me what your Masters is in.
>
> I'm not in the business of providing resumes to people.

Your just an insecure snob who tries to put other people down to
make yourself feel better. I told you that I had a Degree in EE
not to boast, but to illustrate a point: that just because no-code
Techs don't know code, it doesn't mean we're ignorant, or don't know
anything about radio.

>
> > I'd like
> > to point out that I've probably forgotten more about radio than you've
> > ever known.
>
> I would like to hope so, but if your knowledge of radio operations
> is as ignorant as your postings seem to be, I somehow doubt it.

"radio operations"? Oh, you mean *CW* radio operations. As if they
are the only way to communicate. I have nothing against code, go have
fun. But your knowledge of radio operations seem a little thin too, ye
who calls "CQ" and "Qxx" on voice frequencies.

"postings"? You're always spewing about things you don't know. You
apply the word ignorant to others, but it seems you're just labeling
yourself.

>
> > Go fiddle with your key, asshole.
>
> Such an asset to the amateur community, you are. No doubt your
> conversational style is a carry-over from your days on Channel 19,
> now on 2 meter FM.

You know nothing about me, yet you spew this stuff. And I'm sure you
think you're an asset to the amateur community, but you're just an ass.

John

47. Re: Want to get into Ham radio-anyone recommend a radio?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4tpt4c$q8o@lehi.kuentos.guam.net>
Source record: 219853

clint.bradford@atdbbs.com (Clint Bradford) wrote:

>I'm sorry, Jim, that you are experiencing such problems in whatever your
>neck of the woods is. My reply to the original poster showed him that he
>shouldn't be using "absolutes" when it comes to range and coverage of
>HTs. Your reply to me does nothing to help the original poster.

Clint, thanks, but I don't have any problems. Let's see if we can simplify
what is trying to be said.

Q. What is the range of a 220 HT ?

A. Three blocks. If you can hit a repeater, maybe 100 miles. If you can
hit a repeater that is linked to other repeaters, maybe three states.
But if there are no repeaters around that you can use, three blocks.

That's about a simply as I can figure out how to say it.

73, Jim KH2D

48. Ham Radio Online web site has moved

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: vbook@vbook.com
Message-ID: <4tp8nv$jgs@news.accessone.com>
Source record: 219854
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

On July 5th, we moved to our own domain name at www.hamradio-online.com.
Unfortunately, the company we rented server space from announced on July 13th
they are leaving the web hosting business. Thanks to California Wireless, Inc.,
we have moved Ham Radio Online to their server which you can access for now
using this IP address:

http://206.13.40.11/

We are working to get the www.hamradio-online.com domain name redirected to the
new web site. In the interim, please use the IP address shown above. The new
web server is located in California's Silicon Valley so west coast readers
should see relatively good performance.

We also have begun adding August articles.

Ed (KF7VY) and Kim (N7VPL) Mitchell
email to vbook@vbook.com
Visit Ham Radio Online, it's free! at
http://www.hamradio-online.com

49. rec.radio.amateur.boatanchors

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: claude@netwman.rz.unibw-muenchen.de
Message-ID: <4tppig$5u0@infosrv.rz.unibw-muenchen.de>
Source record: 219855

Where can I find the CFV for rec.radio.amateur.boatanchors ?

50. Re: RF and the Honda Accord

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: moo@midtown.net
Message-ID: <moo-0108960027300001@sl3.midtown.net>
Source record: 219856

In article <31ff5f08.5699127@usenet.afn.org>, afn35036@afn.org (Steve King) wrote:

> I'm looking to buy a 1996 Honda Accord. Does anyone know if there any
> problems with VHF RF with the Accord? I would ask the salesman but
> car salesmen almost always lie. Better yet, is there a database on
> the WWW somewhere with this kind of information?
>
> Thank you for your help.
>
> Steve

The car salesman probably wouldn't even know what VHF RF *is*. Just for personal satisfaction, get a real smug knowitall car salesman, ask him about VHF RF, and watch his facade crash. ;)

51. Re: Gell vs Lead Acid battery

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: trneal@ix.netcom.com
Message-ID: <4tp0jl$378@dfw-ixnews2.ix.netcom.com>
Source record: 219857
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

My comments were directed in reference to commercial airlines :)

Tom N3XGJ
Jake Brodsky <frussle@erols.com> wrote:

>1) You can use a ham radio (or anything else) in a private aircraft
>at the discretion of the pilot-in-command (PIC). Generally for VFR
>flights this is not a problem. For IFR flights the PIC will probably
>ask you to shut down while conducting the instrument approach (I would).

>2) Gell Cell batteries are widely available still. Sonnenshine (sp?)
>of Germany makes the best ones I know of on the market. They will
>deteriorate after about three years of trickle charge. They are not
>cheap.

>3) Any lead acid or Gell Cell has a pretty low internal resistance and
>will heat up pretty badly if shorted. That is the hazard with most
>battery packs. Be careful.

>4) Private airplanes have Lead Acid batteries for starting the engine.
>They are vented, but they will not leak if hit by turbulence or unusual
>attitudes.

>73,
>Jake Brodsky, mailto:frussle@erols.com
>PP-ASEL-IA, Cessna Cardinal N30946, Based @ MD24
>Amateur Radio Station AB3A
>"Beware of the massive impossible!"

52. Where can you buy a ft-470 manual?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: dct@bright.net
Message-ID: <4tp9ef$dkf@cletus.bright.net>
Source record: 219858

```
Where can you buy a manual for a yaesu ft-470
```

53. Re: They will never ask

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <DvG7Io.8GJ@news.hawaii.edu>
Source record: 219859
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Jake Brodsky <frussle@erols.com> wrote:
>I'm with you on this one Burt! How can we keep ham radio attractive
>when the only thing you hear about besides radio talk is some old
>geezer complaining about the surgery he had over a year ago.

Why not ask that "old geezer" what he did during WWII or the Korean War? Ask him about his career, his other hobbies, places he's traveled. Ask him for his advice concerning problems you might have. He might be shy to talk about himself unless you urge him on.

Think of the "old geezers" on the radio as volumes of an encyclopedia just waiting to be opened. Each has expertise in their favorite area. Once you find that particular area you'll be introduced to things you'd never be able to learn otherwise.

Don't think for an instant that everything around you has always existed. Those "old geezers" were they guys who built the foundations of everything you see and own today.

But do remember Jake, that conversation is a two-way art; if you find the "old geezers" boring, it might be because they find you boring, and are trying to politely get rid of you by talking about health problems or other small talk (secretly hoping you QRT!).

73 from Hawaii,
Jeff KH2PZ / KH6

54. Re: JAMMERS ON 2 METER

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <4tq0up$bj9@anomaly.ideamation.com>
Source record: 219860

In article <4tnph3$1og@dfw-ixnews3.ix.netcom.com>,
Glenn Sparks <gsparks@ix.netcom.com> wrote:

>And Channel 2 on my TV is a frequency, and channel 19 on my CB is a
>frequency.

Channel 2 is the same frequency on my television as on yours.

Is Channel 19 on my 2 meter radio the same frequency as is Channel 19
on your 2 meter radio?

>Sounds like some Hams are so paranoid about the CB crowd
>they are afraid to use the term channel which is a perfectly acceptable
>term according to the dictionary quote above.

Sounds like either a poor definition or misapplication to me.

MD
--
--
-- Who needs looks when you've got taste?
--
-- If you don't like my opinions, that's just too damn bad.

55. Re: HTX-202 replacement battery?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: Steve Eklund <72527.01012@compuserve.com>
Message-ID: <3200D2B7.2951@compuserve.com>
Source record: 219861

BBWB wrote:
>
> I know there is an ICOM replacement battery with a larger capacity,
> does anyone know what the ICOM battery number is for the HTX-202?
> Thanks!
> Bud
> omne ignotum pro magnifico

Use the Icom BP-8, which is used on the IC 2AT/02AT HTs. It is a 7.2 volt high capacity battery. It will make your HT slightly longer, but the battery life will be much greater. Stay away from the BP-7. The HTX-202 does not like to be powered from 12 volt or greater batteries because the built-in zenar diodes will tend to overheat. If you must power the HTX-202 with 12 volts or greater, use the external power jack. Additional information can be obtained from an article available at:

http://ourworld.compuserve.com/homepages/wa3rvt

73 from Steve

56. Re: rec.radio.amateur.boatanchors

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4tq7bo$rdc@lehi.kuentos.guam.net>
Source record: 219862
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

The Shadow <shadow@ricochet.net> wrote:

>that sounds Good to me
>or use the word <classic>

>rec.radio.amateur.classic
>or
>rec.radio.classic

Or how about rec.radio.amateur.boatanchors.please.get.the.hell.out.of.here ?

Do you guys read newsgroups once a year, or what ??

73, Jim KH2D

57. Re: JAMMERS ON 2 METER

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4tq7o2$rdc@lehi.kuentos.guam.net>
Source record: 219863

myers@West.Sun.COM (Dana Myers) wrote:

>7030KHz is a frequency; so is 7040KHz, and so is 14100KHz.

>However, when you transmit information more than one frequency
>is involved. Every signal occupies some amount of bandwidth;
>even CW occupies bandwidth like any other AM signal. A look in
>my Webster's dictionary shows that the salient definition of
>'channel' is 'a narrow band of frequencies used by a radio transmitter'.

>So, Jeff, all of these frequencies you mention are center frequencies
>for CW channels.

Interesting point, Dana. I wonder, for the benefit of those of us who don't have
the Official ARRL Amateur Radio Handbook, could you please be so kind as
to provide us with a list of the CW channels for the amateur bands ?

I'm particularly interested in 20 meters, myself, so you could start with that
band if you like.

73, Jim KH2D

58. Re: Requirements to Operate in Canada with U.S. License?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: Jim Cummings <jcumming@clark.dgim.doc.ca>
Message-ID: <3200D7B0.6042@clark.dgim.doc.ca>
Source record: 219864

Frank Sved wrote:
>
> Jim Cummings (jcumming@clark.dgim.doc.ca) writes:

(snip, snip)

> > 73 and live better digitally
> > Jim, VE3XJ
>
> JIM!
>
> You old Dog!!! How ya been, keep it up.
> Talk with you soon. VE3GID.
> --
> 73s Frank Sved, VE3GID

Frank:

I will be 44 years old this month, that hardly classifies me as "old".
Where I come from, them's fightin' words! (Good thing we are not where
I'm from then... so I guess that makes me a chicken as well as a dog...)

73 and live better digitally
Jim, VE3XJ

59. Re: Boy Scouts JOTA

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: Jorge Prates <Jorge.Prates@navier.ist.utl.pt>
Message-ID: <3200D938.38E2@navier.ist.utl.pt>
Source record: 219865
Cross-posted to: rec.scouting.usa,rec.radio.amateur.misc

Joern Lodahl wrote:
>
> Thus spake Glenn Letts <gletts@execpc.com>:
>
> >Hi Nat,
>
> >JOTA is held the 3rd weekend of Oct. every year. This year it will be
> >Oct. 19th & 20th. You need your gear and to be a control op. It is a
> >great time and open to all scouts, nice to get a few units close and use
> >2m, recruit hams and then go to a roundtable and get units. Last year
> >we put a station up at our council office and lots of boys came thru.
> >Hope to hear you on, I also hope for a 6m band opening that day.
>
> JOTA is a great opportunity to feel the international spirit without
> using a lot of money going abroad. We have taking part several years
> and will be there again this year!
>
> 73 de OZ2AAN/J (last year OZ9JAM)
>
> Yours in scouting
>
> jqrn
>
> --
> - I used to be a Falcon...
> Joern Lodahl jqrn@mi.aau.dk http://www.mi.aau.dk/~jqrn/
> Doing an Industrial Ph.D. in Regional Science/Operations Research.
> We can learn from history that we don't learn from history!

What do you think about a on-line chat during JOTA ?

60. Re: JAMMERS ON 2 METER

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: "Anthony R. Gold" <tgold@tgold.dialup.access.net>
Message-ID: <838905817snz@tgold.dialup.access.net>
Source record: 219866

In article <DvFGHD.n40@news.hawaii.edu>
jherman@Hawaii.Edu "Jeffrey Herman" writes:

> The TV and CB services are restricted to fixed frequencies - thus the
> channelization concept. But aren't you glad we amateurs aren't limited
> to fixed frequency operation?

Yup, drifting does show our individuality :-)

Maybe we're not restricted to frequency channels by the license.
But many (most?) US amateurs do use small fm-only vhf and uhf sets
which do not offer tuning resolutions smaller than 5kHz. And where
available, a 12.5kHz step would add a few intermediate `channels'.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

61. Re: ARL message meanings? (ARL 69)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: "Anthony R. Gold" <tgold@tgold.dialup.access.net>
Message-ID: <838906546snz@tgold.dialup.access.net>
Source record: 219867

In article <DvFIG4.CKM@world.std.com> wdr@world.std.com writes:

> This one is a new proposal from one of the NTS head honchos, so it's
> only on the latest lists, such as
> ftp://ve7tcp.ampr.org/arrl/infoserv/fsd/radiogrm.txt
> which I found via my local ARRL section's homepage's NTS page:
> http://www.temples.com/arrl/emafield/nts.html
>
> SIXTY NINE Welcome to the _______. We are glad to have
> you with us and hope you will enjoy the fun
> and fellowship of the organization.

It's in the current ARRL Operating Manual (edition 5 of March 1995 on
page 17-154) that exact way, so I assume that the proposals have
now been accepted.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

62. GPS article

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: Gerry Feid <ugfeid@uxa.ecn.bgu.edu>
Message-ID: <4tqblk$nbq@news.ecn.bgu.edu>
Source record: 219868

Several months ago, I ran across an article in a magazine about how one HAM was using GPS to help local Fire/Police departments zero in on call locations.
Well, I can't find the article, and I wanted to contact the author for further information on the system he's using. Does anyone have that information?
I can't remember the magazine. I thought it was either 73 or VHF, but both companies said they couldn't help me without an issue date or number.
What I need is this:
Who was doing the experiment? Where? and was there an address for him? If not, his callsign will do.
Please email me directly. I don't use the usenet very often anymore.

Thank You.

73's Gerry N9RJV
ugfeid@uxa.ecn.bgu.edu

63. Re: Ham Radio in Phenomenon

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: Gerry Feid <ugfeid@uxa.ecn.bgu.edu>
Message-ID: <4tqan9$nbq@news.ecn.bgu.edu>
Source record: 219869

Hey! It was in the script, what can I say?

We'er lucky they didn't portray him as babbling techno-geek nerdie dweeb, complete with pocket protector and antannae coming out of his ears or something else typically Hollywood-ish.

At least we were treated fairly well.

64. Re: A tech-minus replies Re: jammer on 2 meters ("channels" fine

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: w9sz@prairienet.org
Message-ID: <4tqcau$8r0@vixen.cso.uiuc.edu>
Source record: 219870

In a previous article, wdr@world.std.com () says:

>
>While thinking the CW requirement is about as sensible as testing only
>analog vacuum tube electronics, I'll happily agree that the NoCode exam
>I took was way too easy. The multiple-guess isn't the problem; the
>shortness of the pools and the idiocy of the "distractor" wrong answers
>are the problems. Too many of the distractors are just hilarious or
>obviously boners so it takes very little work to pass. The General
>test was a little harder; I only "almost passed" without studying its
>material in specific. Probably could pass it sutdying only the regulations
>and reading the technical material once, no memorization. That's wimp.

This is nothing new! Back in 1968 when I took my General exam, there was
a question about protecting yourself from high voltages while working on
them (I believe the correct answer was along the line of keeping one hand
behind your back while adjusting HV circuits) but one of the
multiple-guess answers given was "buy double-indemnity life insurance"!

>
>Slowly demographics are convicing the ARRL that the Core Membership
>(beepers and SSB contesters) isn't the future of the ARRL. The New
>Member Companion is only just a start in that direction. In the
>meantime, all of us TECH MINUSES need to pay the subscription fee to
>QST, tell them and CQ to stop telling us how wonderful CW is
>or that HF is the only direction to expand from VHF FM (although they're
>geting better about covering VHF/UHF non-FM modes lately) every issue
>like we hadn't heard it on the repeater 6 times a week already, and
>VOTE in Section and Division elections so the ARRL notices that we care
>how they represent US before the FCC and Congress and the IARU/ITU.
>

Demographics doesn't indicate everything; take a look at who is writing
the articles in QST (or any ham magazine for that matter). Who is active
on the bands above 1296 MHz? (Most of the microwave ops I know have Extra
class licenses and are "beepers and contesters".) Who is spending the
most on equipment individually? (Most serious contesters have at least
2 or 3 towers of 70-100 feet with several stacked antennas, including
40 meter and in some cases 80 meter beams, and several radios on the order
of FT1000. Some have as many as 10 towers with 3X3X3 or 6X6 single-band
beams for each band.) (You think the suppliers want to see contesting die?)

>
>73,
>Bill Ricker N1VUX wdr@world.std.com "The freedom of the press belongs

73, Zack W9SZ

--
"You can't be optimistic with a misty optic" - Rex Luscus

65. Re: JAMMERS ON 2 METER

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: "C. Wheeler" <cwheeler@ccnet.com>
Message-ID: <4tqkf8$mq0@gaudi.lahabra.chevron.com>
Source record: 219871

jherman@Hawaii.Edu (Jeffrey Herman) wrote:
>Glenn Sparks <gsparks@ix.netcom.com> wrote:
>>And Channel 2 on my TV is a frequency, and channel 19 on my CB is a
>>frequency.

>The TV and CB services are restricted to fixed frequencies - thus the
>channelization concept. But aren't you glad we amateurs aren't limited
>to fixed frequency operation?

>>Sounds like some Hams are so paranoid about the CB crowd

>Nauseated is a more accurate.

>>they are afraid to use the term channel

>Not afraid at all. Our amateur radio culture and definitions stretch back
>80 years. We'd like to keep our vocubulary in tact for another 80 years
>and not have it polluted with the likes of "Roger Beeps" and the 10-code.

>>which is a perfectly acceptable term according to the dictionary quote above.

>My Oxford Dictionary Of The English Language contains no mention of
>"frequency" in its definition of "channel."

You know, Jeff, I have an oxford dictionary too - and I think it sucks ;)

From Webster's Ninth New Collegiate: "a band of frequencies of
sufficient width for a single radio or television communication."

While it may not part of the traditional, old timer terminology, using
the word "channel" is not going to be the downfall of ham radio. All of
your radio communications that have a defined bandwidth limit can be
considered "channelized". We just don't designate channels with numbers
predetermine their location on the ham bands - wait...maybe we do. Most
local bandplans for things like repeaters will establish FM "channels"...
they don't call them channels, but that's what they are. Key up on a
'frequency' in between two of these established channels in a busy area
and see if you don't piss anyone off.

We (around here - I don't claim to speak for Hawaii) regulary use the
terms "co-channel" and "adjacent channel" when talking about certain
types of interference in the FM world.

I could not find a Webster's definition for "QRM".

Aloha :)

Curtis

66. CAP mod for htx-202?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: clint.bradford@atdbbs.com
Message-ID: <9607312038282481@atdbbs.com>
Source record: 219872

>>Can you get the 202 modified for CAP use?

No. There are NO extended freq modifications for the HTX-202. Never were
- never will be.

67. Re: Did the Family Radio Service die?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: clint.bradford@atdbbs.com
Message-ID: <9607312038282482@atdbbs.com>
Source record: 219873

>>And yes, you have to use ONLY type-accepted radio equipment for this
>>band [FRS].
>>...1 watt or less...

No - that's .5 Watt.

>>...No external items may be added to the radios either. i.e. Antenna,
>>mic..etc.

Also not entirely correct. The antenna must be permanently fixed to the
HT, per the docket. But external mikes are not prohibited. Nor are
repeaters (say, a VOX-operated mike to a FRS HT).

68. Paging? CTCSS?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: clint.bradford@atdbbs.com
Message-ID: <9607312038282483@atdbbs.com>
Source record: 219874

>>I've really been enchanted with some of the features of the low-end
>>(Radio Shack HTX-202) 2-meter handheld I just got.

The most popular 2M HT in the country is certainly NOT "low end." It is
a solid performer, Rick.

>>Anyway, I'd like to find out if there are any Citizens' Band handhelds
>>with either "paging" or CTCSS...

Illegal on those bands. How about a GMRS license? Your license covers
ALL members of your immediate family. Reliable communications in the 462
band are available to you and yours...

Where are you? Let's try to find out if there's a GMRS repeater in your
area!

69. Re: Want to get into Ham radio-anyone recommend a radio?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: clint.bradford@atdbbs.com
Message-ID: <9607312038282484@atdbbs.com>
Source record: 219875

CB, SARCASTICALLY>>Yeah, I know. I can only "hit" three western states
with my lousy Standard C-288a 220MHz HT...

JIM>> No, you can hit three repeaters, not 3 states. Understand the
JIM>> concept of linked repeaters, or repeaters in general.

If you knew anything about the Condor System, you would realize that 15
linked repeaters cover California, Nevada, and Arizona quite well.

CB>>You need to qualify what you're saying. Here in repeater-rich
CB>>Southern California, an HT will get you connected with about all
CB>>you'd ever want.

JIM, ARROGANTLY>>You need to qualify what you're saying. Your HT will
get you connected to all you want IF the repeaters
are working. If not, it will get you connected 3
blocks up the street.

I'm sorry, Jim, that you are experiencing such problems in whatever your
neck of the woods is. My reply to the original poster showed him that he
shouldn't be using "absolutes" when it comes to range and coverage of
HTs. Your reply to me does nothing to help the original poster.

70. Re: RFD: rec.radio.amateur.boatanchors

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDvGvKE.7xn@netcom.com>
Source record: 219876
Cross-posted to: news.groups,rec.radio.amateur.misc

michael silva (mjsilva@ix.netcom.com) wrote:

: >I still have not seen any comment pro or con from either Jack Hill or
: >Philip Porch(the real administrators of the Boatanchors mailing list).

: Jack posted a message of support back when the newsgroup proposal
: resurfaced about two or three months ago. I didn't save it but no
: doubt somebody can dig it up.

As of yesterday, there was a message of support from Jack in the RFD: thread
on news.groups.

73 de Jim - KF6CR

71. Re: Radio Shack HTX-212 modification

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: Ken Harrison <ken@cs.sonoma.edu>
Message-ID: <320067EC.232B@cs.sonoma.edu>
Source record: 219877
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Larry Bourdillon wrote:

> You didn't mention on what frequency your local repeater operates, but the 212 will
> transmit on all repeater frequencies in the amateur 2m (144-148 mHz) band. As
> shipped there is a cutoff frequency (145 something mHz if I remember) below which
> transmitting is disabled. This can be re-enabled through a series of key presses:
> it's in the manual, I believe.
>
> 73's...
> ...larry

Sure seems kind of lame to me that a company would sell a radio that doesn't
cover the entire band right out of the box. (I know Icom, Kenwood and a few
others did this with their OLD technology radios... Covered 2 MHz.) It just
isn't excusable these days.

Of course, what could anyone expect? It's Radio Shack...
--

____
Ken Harrison -- ken@cs.sonoma.edu -- Amateur Radio: N6MHG
~~~~~~
Visit the Sonoma County Radio Amateurs Web Pages!
http://www.cs.sonoma.edu/~ken/scra.html
"Home of Hank's Swap Shop!"
~~~~~~

72. Re: Radio Shack HTX-212 modification

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: Ken Harrison <ken@cs.sonoma.edu>
Message-ID: <32006942.4383@cs.sonoma.edu>
Source record: 219878
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Larry Bourdillon wrote:

> You didn't mention on what frequency your local repeater operates, but the 212 will
> transmit on all repeater frequencies in the amateur 2m (144-148 mHz) band. As
> shipped there is a cutoff frequency (145 something mHz if I remember) below which
> transmitting is disabled. This can be re-enabled through a series of key presses:
> it's in the manual, I believe.
>
> 73's...
> ...larry

Sure seems kind of lame to me that a company would sell a radio that doesn't
cover the entire band right out of the box. (I know Icom, Kenwood and a few
others did this with their OLD technology radios... Covered 2 MHz.) It just
isn't excusable these days.

Of course, what could anyone expect? It's Radio Shack...
--

____
Ken Harrison -- ken@cs.sonoma.edu -- Amateur Radio: N6MHG
~~~~~~
Visit the Sonoma County Radio Amateurs Web Pages!
http://www.cs.sonoma.edu/~ken/scra.html
"Home of Hank's Swap Shop!"
~~~~~~

73. Re: Code above 11wpm

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: Fee <fee@global2000.net>
Message-ID: <01bb7fcd.76932a80$6d91f7cd@Marblight.global2000.net>
Source record: 219879

>
> Where can I get a copy of a good computer program that will help me out?

>
> KF6FCN
>
http://www.oz.net/mica/hamu/download.html

The program is called Ham University. I'm taking my first test on the 21st, and I was only planning on taking the novice and tech and the 5wpm test, but this progam has been so helpful(and I found out I was allowed to take as many tests in that one session for only $6.05), that I'm hopefully going to get my advanced. The program has a great lesson plan but is VERY time consuming to finsh it all. I've been at it non stop for about a week and am 3/4ths through it. Who knows, maybe I can go all the way to extra...Well, I really hope this proggie works out for you, and I hope you get over that 11wpm hump.
Take it easy.
Matt

74. Re: JAMMERS ON 2 METER

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: "C. Wheeler" <cwheeler@ccnet.com>
Message-ID: <4tql9f$mq0@gaudi.lahabra.chevron.com>
Source record: 219880

kd1hz@anomaly.ideamation.com (Michael P. Deignan) wrote:
>In article <4tnph3$1og@dfw-ixnews3.ix.netcom.com>,
> Glenn Sparks <gsparks@ix.netcom.com> wrote:

>Is Channel 19 on my 2 meter radio the same frequency as is Channel 19
>on your 2 meter radio?

Does it matter?

>>Sounds like some Hams are so paranoid about the CB crowd
>>they are afraid to use the term channel which is a perfectly acceptable
>>term according to the dictionary quote above.

>Sounds like either a poor definition or misapplication to me.

Misapplication by who? There seems to be a notion among the "we don't
have channels" hams that a channel has to be numbered or named. Since
"good amateur practice" requires that bandwidths be limited to what is
necessary, we almost always transmit in a channel...though we are allowed
to "dig out our channel" wherever we want, within the appropriate band.

Curtis

75. 3D2PI MM South Pacific

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: Julian Sortland <julian@zeta.org.au>
Message-ID: <4tqlum$tak@gidora.zeta.org.au>
Source record: 219881

Hello All,

Peter VK2ZPH / 3D2PI is currently Maritime Mobile aboard the Island Mercy between Australia and Vanuatu, during August 1996.

He is using the 3D2PI call.

Listen out on the following frequencies, especially around 0100 UTC and 1030 UTC (11:00am and 8:30pm Sydney time).

80m 3605 kHz
40 7050
20 14200
15 21200.

Peter is QTHR VK Callbook.

73 de Julian VK2YJS
VK2YJS@VK2XY.NSW.AU.OC
julian@zeta.org.au

76. Re: HTX-202 replacement battery?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: horak@convex.com
Message-ID: <4tqenc$og5@eugene.convex.com>
Source record: 219882

In <3200D2B7.2951@compuserve.com> Steve Eklund <72527.01012@compuserve.com> writes:

>Use the Icom BP-8, which is used on the IC 2AT/02AT HTs. It is a 7.2
>volt high capacity battery. It will make your HT slightly longer, but
>the battery life will be much greater.

I agree. My BP8 clone battery from Periphex works great. I've heard
some people gripe about Periphex so if you don't want to use them, find
someone else! :-)

David

77. All Ham Bands, Reply to Republican Congress - NOT

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: Gerry Feid <ugfeid@uxa.ecn.bgu.edu>
Message-ID: <4tqadk$nbq@news.ecn.bgu.edu>
Source record: 219883
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.amateur.policy

The FCC board are political appointees of the White House, NOT the Congress.
As such, although they are (theoretically) responsible to Congress as a whole, they pretty much do as they doggone well please. Fairly much like all the current political appointees have done for the last four years, just before they all acquire a major case of amnesia when Congress asks them why they did what they did.
So don't be stupid enough to blame a Republican Congress for what the Democratic appointees are doing. Not only is it incorrect, it's indicative of the childish partisan finger-pointing that's been going on since 1992. It also accomplishes absolutely nothing, so save it for the political lists - not HAM radio.

Infantile partisan finger-pointing is NOT going to stop the FCC. In fact, it will only help lose our frequencies by embroiling the HAM community in useless argument. As such, useless argument like that will only keep us from battling the right people, the FCC.

Definitely make your feelings known on the issue to your Congressman, as well as the White House - both Clinton and Gore. But be adult enough to state your case clearly, plainly, BRIEFLY, and keep any personal petty little political biases out of your statement. Don't threaten anyone with your vote, either - that just relegates your letter into the bit-bucket.

Gerry
N9RJV

78. Re: Paging? CTCSS?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: "C. Wheeler" <cwheeler@ccnet.com>
Message-ID: <4tqllq$mq0@gaudi.lahabra.chevron.com>
Source record: 219884

clint.bradford@atdbbs.com (Clint Bradford) wrote:

>>>Anyway, I'd like to find out if there are any Citizens' Band handhelds
>>>with either "paging" or CTCSS...
>
>Illegal on those bands. How about a GMRS license? Your license covers
>ALL members of your immediate family. Reliable communications in the 462
>band are available to you and yours...

Incorrect!

Selective calling, voice paging, and sub-audible CTCSS are legal on CB.
See 95.401 and 95.412.

79. HTX-202 doesn't like 5w through duckie

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: ham@w3eax.umd.edu
Message-ID: <4tqrs4$nbv@dailyplanet.wam.umd.edu>
Source record: 219885

```
>>>The HTX-202 does not like to be powered from 12 volt or greater
>>>batteries because the built-in zenar diodes will tend to overheat.
>
>This is absolute nonsense. Check with the Project Engineer for the
>HTX-202 before you re-print outdated, incorrect information in any
>public forum.
>

Maybe so. But the HTX-202 DOES NOT like 5 watts out of a rubber
duck antenna. Can make the uProcessor go wacky.
--
* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 138 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *
```

80. Re: HTX-202 replacement battery?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: Rick Miller <rick@DigalogSys.com>
Message-ID: <Pine.LNX.3.91.960801124515.4899B-100000@net.digalogsys.com>
Source record: 219886

On Thu, 1 Aug 1996, Clint Bradford wrote:
>
> >>The HTX-202 does not like to be powered from 12 volt or greater
> >>batteries because the built-in zenar diodes will tend to overheat.
>
> This is absolute nonsense. Check with the Project Engineer for the
> HTX-202 before you re-print outdated, incorrect information in any
> public forum.

Keep in mind, Clint, that there are lots of *OLD* HTX-202's floating around out there. I think *mine* may even be one of them.

The Zeners do indeed get warm but that's not the biggest problem. The trouble with the older ones is that those Zeners are located too close to the *output* transistors which may then overheat.

I've seen it recommended that you should install the belt clip whether you intend to use it or not, since it provides some extra heat sink for the Zeners, especially when running on automotive power (13.8 V).

All these good hints are nicely explained (along with how to tweak your HTX-202/404) at:

http://ourworld.compuserve.com/homepages/wa3rvt/htx-202.htm

Rick Miller

Raportisto demandis de Mahatma Gandhi, "Sr-o. Gandhi, kio vi pensas pri Okcidenta Civilizacio?" Li respondis, "Mi pensas ke gxi estus bona ideo."

81. Re: New Home Page!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: k6pgt@csufres.n5uyi.ampr.org
Message-ID: <4tqo4u$m9h@alpine.psnw.com>
Source record: 219887

k6pgt@csufres.n5uyi.ampr.org wrote:

>Check out my new home page. It has "Amateur Radio" area with several
>links to good things. Has information on tcp/ip, and some good ftp
>sites!

>enjoy 73
Oops! I forgot to add the address!

http://www.psnw.com/~dritchie/

enjoy

73

k6pgt

>k6pgt

82. LUGO AWARD

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: Domingo Molej=?iso-8859-1?Q?=F3?=n Varela <dmolejon@lander.es>
Message-ID: <3200ECB1.9A2@lander.es>
Source record: 219888
Body handling: Binary attachment payload not displayed: DXLUGO2.jpg

DX LUGO AWARD

The "AWARD LUGO" is given free charge for the Group DX LUGO to all the radioamateurs and SWL,
(its size is of 44 X 32 cms., it's printed in lithography with coIours and its design was made
by people of the famous ceramic art factory "SARGADELOS")

"LUGO DX GROUP" issues this award according to the following rules:

1.- Contacts with Group members, except repeaters, after January 1st, 1983

2.- Contacts required are:
- Spain.....15
- Europe..... 5
- And DX..... 3

3.- The same station can be contacted in different band, but only one contact after 24 hours with
the same station.

4.- Applicants must send QSL or certificate list by one Radio Association QSL will be returned by
registered mail. FREE AWARD.

5.- SWL the same rules

MEMBERS OF "LUGO DX GROUP"

EA1: AAA (ex: EClDNO y AO1DNO), AAB (ex: EB1EQQ, EC1DLB y AO1DLB), ABC, ACI, ADN, AEV, AFQ,
ARG, AUI, AUZ, AVW, BCA, BCB, BCD (ex: EHlBCB), BCT (ex: EC1DDI), BDT, BDU, BDV, BFT, BID, BIL,
BJL, BJO, BJP, BPS, BPT, BVO, BVP, BVQ, BVS, BWH, CB (ex:EAIDFH), CDA, CJU, CJV, CKD, CKE, CKH,
CMX, CMY, CO (ex: EAlCYU), CTD, CW (ex:EDlCW, EDlFSF=Oct.89, EFlFSF=Oct.89, ED1IDA=Jun.91,ED1ILT=Sep.92,
ED0VDL=Sep.95), CYT, CYU, DAX (ex: EClBCA, ED1DAX y AM1DAX), DCT (ex: EB1AUB), OFE (ex. EClBJW), DHV,
DJT (ex: EBlAYM, ED1DJT y ED1MFE), DLB, DLE, DQV, DSV, DWL (ex: EBlBMO), DWM (ex:EBlBMP), ECG,
EDS (ex. EClCDH), FBX (ex: EClDBC), FDN (ex: EC1DEQ), FDO (ex: EClDEO, AM1FDO y AO1DEO),
FEQ (ex: EC1DFN, AOlDFN y AM1FEQ), FFN (ex: EC1DEZ), GO (ex:EAlABW), GU,IF (ex: EAlCYV, AM1IF y EClARO),

JO (ex: AMlJO), JP (ex: EAlBNW y EDlJP), KN (ex: EClCTH, AOlCTH, EFlAA y ED1KN), ML,
MV (ex: EDlMV, AMlMV, EDlRTY, EDlPAL),OJ, QB, QU, US (ex: EClCEG y EAlEVY), VM, VZ, WM, WN, ZA.

EA8: TE (ex: EA1QT).

EB1: BBU, BML, CEU, DHX, FIF, WL

EC1: AMQ.

Address: "GRUPO DX LUGO"
Manager "Diploma DX LUGO"
P.O. Box. 313
E-27O80 LUGO (Spain)

[One or more binary attachments are retained only in the source text.]

83. FS: AC to DC Regulated Power Supply

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: aak@olympus.net
Message-ID: <aak-0108961100290001@papm016.olympus.net>
Source record: 219889
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,pnw.forsale,olympus.forsale,seattle.forsale.misc,sci.electronics.equipment,sci.electronics.components

I have the following for sale:

A Tripp-Lite precision regulated DC power supply. It converts 117 Volt AC power into regulated 13.8 Volt DC power.

The specifications on it say:

Precision Regulated DC Power Supply Model: PR-7 b
Output: 13.8 Volt DC 7 Amp
Input: 117 Volt AC 60 Hz
Fuse Protected
Low Ripple Fully Regulated
Electronic Overload Protection with an Instant Automatic Reset
---
It is brand new, never been used, and still in the original box. It comes with the original instructions. This is good for ham radio operators or any others that operate equipment that requires the use of regulated DC power from an AC power source. Delivered right to your door. Retails for 69.95. Sell for $50. Reply by e-mail.

Thanks
Tony Korolis

--

84. HamComm 3.0 software

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: dickrb@lsid.hp.com
Message-ID: <4tqj11$gop@hpcvsnz.cv.hp.com>
Source record: 219890

Greetings!

I need the address and/or phone number for HamComm software version 3.0
or later version. I have an hp-200LX and have been told that the
HamComm 3.0 handles tx/rx of AMTOR, etc.

Anyone have any experience with this s/w? Any info will be appreciated.

73 de w7wkr

85. Macintosh & Packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: RFBG67A@prodigy.com
Message-ID: <4tqtki$954@usenetp1.news.prodigy.com>
Source record: 219891

I'm in the process of setting up a packet station, and if possible I would like to use an old Mac 512 KE. I just need to get a TNC and the software. I'm just using an old "Standard" 2 channel crystal radio which I want to set to my local HAM club's packet station, so for right now I'm not looking for anything fancy. If all else fails, I have an old "dumb" terminal which I can use instead of the Mac, but I am a long time Mac user, so I would like to use the Mac. (If need be I could upgrade the 512 KE to a Plus)
Thanks in advance!
73's
KF6CND
Stan Schroeder
RFBG67A@PRODIGY.COM

86. Re: Coax cable characterstics table 1/1

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <4tqijo$2hnc@info4.rus.uni-stuttgart.de>
Source record: 219892
Cross-posted to: rec.radio.amateur.antenna,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.misc

Here another chart, which complements the first one in some ways:

```
----------------------------
Technical data of coax cable:
----------------------------

-------------------------------------------------------------------------------
Attenuation dB / 100 m
----------------------

Type f/MHz: 10 30 50 100 145 200 400 435 500 1296 2320 3000 5000
-------------------------------------------------------------------------------
RG-11 AU 2,2 4,0 7,5 11,0 19,0 60,0
RG-55 16,0 29,0 52,0 77,0 90,0 127
RG-58 CU 4,6 8,0 11,0 16,3 20,0 24,0 36,0 40,0 47,0 90,0 140 180 272
RG-142 AU 7,0 9,0 14,0 15,0 20,0 28,0 30,0 35,0 49,0 72,0 95,0 128
RG-174 U 12,0 17,0 29,0 34,0 45,0 55,0 60,0 70,0 110 175 220 325
RG-188 AU 12,0 17,0 28,0 32,0 40,0 58,0 68,0 113 165 268
RG-196 AU 22,0 27,0 43,0 62,0 95,0 102 300
RG-213 U 2,0 3,6 4,3 6,3 8,2 9,5 14,5 15,0 17,0 26,0 55,0 89,0
RG-213 US-100 1,8 2,45 3,2 5,9 10,1 21,1
RG-214 US 1,8 3,2 3,9 5,7 7,6 9,0 13,0 13,5 15,0 23,5 45,0
RG-223 U 4,0 7,0 13,0 18,5 20,0 30,0 34,0 38,0 60,0 85,0 100 151
RG-316 U 12,0 17,0 28,0 32,0 40,0 58,0 68,0 113 165 268
H100 2,1 2,8 4,9 8,8 16,0 23,0
H155 3,1 3,4 6,5 9,4 11,2 19,8 21,9 34,9
H500 1,3 2,9 4,1 8,7 17,4 24,1
Aircom-plus 0,9 3,3 4,5 7,4 7,5 14,5 21,5 25,0 34,1
Aircell-7 3,7 4,8 6,9 7,9 14,1 26,1
CF1/4"Cu2Y 2,5 5,5 9,0 18,0
CF3/8"Cu2Y 1,6 3,8 6,5 13,0 16,0
CF1/2"Cu2Y 1,2 3,0 5,6 10,0
CF5/8"Cu2Y 1,0 2,5 4,0 7,2 10,0
TU-165 29,0 41,0 120
TU-300 17,0 25,0 75
TU-545 9,0 14,0 45
4/S-60 2,0 4,0 7,0 19,0
60-7-2 2,0 7,0 10,0 17,0
-------------------------------------------------------------------------------
Maximum power in Watt at:
-----------------------------

Type f/MHz: 10 30 50 100 145 200 400 435 500 1296 2320 3000 5000
-------------------------------------------------------------------------------
```

RG-11 AU 420 300 95
RG-55 power handling like RG-223 U
RG-58 CU 550 240 125 100 90 49 31 30 20
RG-142 AU 3200 1500 850 460 320 175
RG-174 U 200 95 57 42 30 18 13
RG-188 AU 550 380 260 130 90 75
RG-196 AU 85 57 18
RG-213 U 2000 800 420 300 290 100 95 65
RG-213 US-100 2000 800 440 420 400 220 140 70
RG-214 US 2000 800 440 420 400 220 140 70
RG-223 U 950 300 200 100 68 40
RG-316 U 550 380 260 130 90 75
H100 2100 1000 530 300
H155 power handling like RG-58 CU
H500 power handling like H100
Aircom-plus power handling like H100
Aircell-7 2960 850 190
CF1/4"Cu2Y 2700 1200 750 400
CF3/8"Cu2Y 4700 2800 1200 680 520
CF1/2"Cu2Y 6400 2800 1600 850
CF5/8"Cu2Y 9000 4000 2300 1350 950
TU-165 170 110 32
TU-300 660 450 150
TU-545 1700 1200 370

Further data:
---
resist.
Z dimensions bending- DC/1000m
Type Ohms pF/m Vk diel. screen. inn./diel./out. radius kg% inn./out.

RG-11 AU 75 67 0,66 PE 60dB 1,2 7,3 10,3 50mm 13,9 22 4,1
RG-55 (+/-2%) 53,3 94 0,66 PE 100% 0,9 3,0 5,3 30mm 5,0
RG-58 CU 50 101 0,66 PE 60dB 0,9 2,95 5,0 25mm 4,0 39 13,5
RG-142 AU 50 95 0,7 PTFE 80dB 0,95 2,95 4,95
RG-174 U 50 101 0,66 PE 55dB 0,50 2,5
RG-188 AU 50 95 0,7 PTFE 0,51 2,7
RG-196 AU 50 95 0,7 PTFE 0,3 1,9
RG-213 U 50 101 0,66 PE 60dB 2,25 7,25 10,3 100mm 15,3 6 4,1
RG-213 US-100 50 101 0,66 PE 60dB 2,25 7,25 10,3 90mm 15,5 6 4,1
RG-214 US 50 101 0,66 PE 80dB 2,25 7,25 10,8 6
RG-223 U 50 101 0,66 PE 80dB 0,9 2,95 5,3
RG-316 U 50 95 0,7 PE 0,51 2,5 DC/100m
H100 50 0,84 PE/air 100% 2,5 6,9 9,8 150mm 11,0
H155 50 100 0,79 PE/cell 100% 2,5 3,9 5,4 35mm 3,9 1,5 1,7
H500 50 82 0,81 PE/cell 80db 2,5 7,0 9,8 75mm 10,7
Aircom-plus 50 84 0,84 PE/air 100% 2,7 7,2 10,3 100mm 15,0
Aircell-7 50 74 0,83 PE/cell 100% 1,85 5,0 7,3 25mm 7,2 ,86 ,85
CF1/4" 50 foam 100% 8,0

CF3/8" 50 air 100% 15,0
CF1/2" 50 foam 100% 15,9
CF5/8" 50 air 100% 23,0
TU-165 50 95 0,7 PTFE 100% 0,51 2,19
TU-300 50 95 0,7 PTFE 100% 0,93 3,58
TU-545 50 95 0,7 PTFE 100% 1,63 6,35
4/S-60 60 75 0,77 PE-cell 50dB 1,4 4,9 7,0 60mm 59 12 11
60-7-2 60 85 0,66 PE 1,5 6,6 8,8

Further information:

Type inner conductor screen

RG-11 AU 7x0,4 Cu, extruded Cu, annealed 75 Ohms !
RG-55 1x0,9 Cu, tin plated Cu, tin plated double screen
RG-58 CU 19x0,18 Cu, extruded Cu, tin plated
RG-142 AU 1x0,99 st/Cu, silver p. Cu, silver plated double screen
RG-174 U 7x0,16 steel/Cu, ann. Cu, tin plated
RG-188 AU 7x0,17 st/Cu, silver p. Cu, silver plated
RG-196 AU 7x0,1 st/Cu, silver p. Cu, silver plated
RG-213 U 7x0,75 Cu, annealed Cu-braid, annealed MIL
RG-213 US-100 7x0,75 Cu, annealed Cu-foil+Cu-braid MIL-C-17
RG-214 US 7x0,75 Cu, silver p. Cu, silver plated double screen
RG-223 U 1x0,9 Cu, silver p. Cu, silver plated double screen
RG-316 U 7x0,17 st/Cu, silver p. Cu, silver plated
H100 1x2,5 Cu, plain-soft Cu-foil+Cu-braid soft
H155 19x0,28 Cu, plain-soft Al-foil+Cu-braid tinned
H500 1x2,5 Cu, plain-soft Cu-foil+Cu-braid plain
Aircom-plus 1x2,7 Cu, plain-soft Cu-foil+Cu-braid plain
Aircell-7 19x0,37 Cu, plain-soft Cu-foil+Cu-braid plain
CF1/4"Cu2Y 1x Cell-Flex
CF3/8"Cu2Y 1x Cell-Flex
CF1/2"Cu2Y 1x Cell-Flex
CF5/8"Cu2Y 1x Cell-Flex
TU-165 1x0,51 Cu, silver p. Cu-tubing, plain semi-rigid
TU-300 1x0,93 Cu, silver p. Cu-tubing, plain semi-rigid
TU-545 1x1,63 Cu, silver p. Cu-tubing, extruded semi-rigid
4/S-60 1x1,4 Cu, silver p. Cu 60 Ohms !
60-7-2 1x1,5 Cu, annealed Cu, annealed 60 Ohms !

---
compiled by Gerko PE1OYF @ PE1OYF
corrected and completed by DJ5RH
translated by DL5UH

87. Re: They will never ask

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: djfinn@ibm.net
Message-ID: <4tp4es$2tnu@news-s01.ny.us.ibm.net>
Source record: 219893
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Jake Brodsky <frussle@erols.com> wrote:

>(complain mode on)

>Though I frequently disagree with Burt's point of view (not to mention
>his presentation) I think he has a *very* valid pet peeve here. (text deleted)

Nah...it's just a sucker post based on generalities whose truth cannot
ever be determined but can be argued ad infinatum. What are we
supposed to do about it? Talk better? Talk about more interesting
subjects? It's like saying that music these days isn't as good as in
the old days, kids today have no sense of responsibility, today's EE's
cannot design analog circuits blah blah etc.. Don't waste time
getting into this kind of discussion. Do you think "Burt" believes
half the things he writes?

73

KR4AJ

88. Re: Did the Family Radio Service die?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: clint.bradford@atdbbs.com
Message-ID: <9608011015142566@atdbbs.com>
Source record: 219894

>It will be against the law to use anything but an FCC-type-accepted FRS
>HT on the FRS frequencies.

>>Just remember what you have to understand is that they have to prove
>>that you are not in fact using a Frs transciever on the frequency. I
>>say save your time and effort and by a UHF business band radio and
>>tune it up and enjoy the free communication. You can rule the band
>>with up to 40 watts and have fun at the same time.

Yep. Just what we need - another CB band. For the first time in history,
the FCC has mandated that LICENSED GMRS Operators SHARE the same band
with unlicensed morons. There are no remedies for illegal operations
intentionally interfering with existing repeater systems in the FRS
docket. It's quite a ruling, indeed.

89. Re: RF attenuation of mirrored glass at 900MHz?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: glenne@sr.hp.com
Message-ID: <4tqsod$k8d@canyon.sr.hp.com>
Source record: 219895
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc

John Paul Morrison (jmorriso@bogomips.com) wrote:

: Does anyone know how many dB of loss mirrored office tower glass
: windows have at 900 MHz? Or where I could look it up?

: Cell phones work inside the building, so it couldn't be too bad.

: I'm guessing between 5 to 10 dB.

I'm sure it depends on what kind of mirroring material you have. But
I can share one experience I had though with a pull-down mylar sun shade
on an office window.

With a midsized yagi set up inside the building and line-of-sight to a
hilltop radio at 904 MHz I couldn't figure out why signals were so weak
(~30 dB down from LOS values) and the antenna peak seemed poor and in
the wrong direction. Finally I realized that the shade was down and
pulled it up. Doing so restored the signal strength and made the
antenna pattern look correct once more.

It was a pretty dramatic difference.

Glenn Elmore n6gn

amateur IP: glenn@SantaRosa.ampr.org
Internet: glenne@sr.hp.com

|--------------- N6GN's Higher Speed Packet WWW Page -------------------|
| |
| http://www.tapr.org/~n6gn/index.html |

90. Re: They will never ask

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: Jake Brodsky <frussle@erols.com>
Message-ID: <3201469E.5ED5@erols.com>
Source record: 219896
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Jeffrey Herman wrote:

> Why not ask that "old geezer" what he did during WWII or the Korean
> War? Ask him about his career, his other hobbies, places he's traveled.
> Ask him for his advice concerning problems you might have. He might be
> shy to talk about himself unless you urge him on.
>
> Think of the "old geezers" on the radio as volumes of an encyclopedia
> just waiting to be opened. Each has expertise in their favorite area.
> Once you find that particular area you'll be introduced to things you'd
> never be able to learn otherwise.
>
> Don't think for an instant that everything around you has always existed.
> Those "old geezers" were they guys who built the foundations of everything
> you see and own today.
>
> But do remember Jake, that conversation is a two-way art; if you find
> the "old geezers" boring, it might be because they find you boring, and
> are trying to politely get rid of you by talking about health problems
> or other small talk (secretly hoping you QRT!).

Quite true Jeff. Conversation is definitely a two way street. However,
I base my experiences on many fruitless years of listening to HF activity.
If the problem was just with me, I'd hear some other interesting
conversations once in a while --but I don't. I don't hear those old
operators talk about their war experiences much. I don't even hear them
talk about older radio technology. I read more of that here on the net
than I hear on the air.

Apart from the radio geek stuff on the air (which is okay), the content
of Ham Radio conversations is pretty shallow. I could discuss lots of
things, as I'm sure most other "old geezers" (I apologise for the term,
I was foaming at the mouth at the time) can too. But we don't. And
I'm not quite sure why.

Could it be that we're so full of silly jargon that we simply don't care
to talk normally ("HI HI I still hear you through the Que Are Mary"
--ack ptooey ;) ? Could it be that personality and technical ability
are inversely related among the ham public as a whole? Could it be that
we are so enamored with the techniques of radio communication that we've
forgotton what to say? Is that why CB had to have its own silly code
jargon?

I've been a ham since 1975. I'm not a newcomer. Frankly I hear a
lot more foul-mouthed, empty-headed fools on the air than ever before.

It isn't just that the art of conversation on the air is not what it once was, I'm saying that even those folks who remember what it was like in the years past are not pulling their weight. It is a sad thing. Were it not for the interestI have for the technical side of this hobby, I'd have let my license lapse a long time ago.

(complain mode secured and locked out. There will be no more postings of this type)

73,

Jake Brodsky, mailto:frussle@erols.com
PP-ASEL-IA, Cessna Cardinal N30946, Based @ MD24
Amateur Radio Station AB3A
"Beware of the massive impossible!"

91. National NCX-3 Problems. Help!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: ez071906@dale.ucdavis.edu
Message-ID: <4tqrst$d52@mark.ucdavis.edu>
Source record: 219897

I have an old National NCX-3 HF Radio that is having some problems. I just bought this radio and do not know much about it. One problem is that it only puts out about 50 watts at best. I thought this radio should be capable of 100 watts. ? Also when I use the CW key, it puts out much less power than when I am using the Tune function. Another problem is that when I key the CW key the sound wavers at first before setteling on a pitch. The sound is not real clear and it changes.

If you can help me with any of these problems PLEASE write me. Or if you can refer me to someone who can help that is fine too. Or if you happen to have a manual for this radio I could really use that also.

Okay, thanks a lot!

John
WRITE TO: jmt2@juno.com

92. Re: Recommendation for a glass mount 2m/440?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: Bob Sull <wa8imo@kellnet.com>
Message-ID: <32007431.7219@kellnet.com>
Source record: 219898

Jonathan David Bhatia wrote:
>
> Hi..
>
> I've got a Kenwood TM741A in my Blazer. I'm in the market for a good
> quality 2m/440 glass mount antenna. What is the best place to mount this
> type of antenna? On the windshield? Is it possible to mount it on factory
> tinted windows? Recommendations/advice on antennas and location are
> appreciated..
>
> Thanks..
>
> Jonathan
> ____
> Jonathan Bhatia KB5LXA jbhatia@tiger.lsu.edu
> Louisiana State University http://www.tyrell.net/~jbhatia

I have the Larsen KG2/70 on the rear window of my '94 T-Bird. Works pretty well, BUT.....

I run a Yaesu FT-5200, 50 W on 144 and 35 W on 440. When on high power on 144 and I'm using cruise control and I press the PTT sw, the cruise shuts down till I release the PTT. Sorta like pressing the coast switch.....

I talked with the Chrysler guys at Dayton and was told that the majority of problems are associated with glass mount antennae. I got a mobile radio installation guidline pamphlet from Ford and the list of antennae had the glass mount listed as least desirable.

OK, I also have a '95 T-Bird. I have an Alinco DR-610-T in it. Same power on 144. The antenna is a Larsen 2/70 NMO on a trunk lip mount. I don't experience the cruise problem.

Just my $0.02 abt glass mount antennae.....

--
<> Bob Sull WA8IMO <>
"73, CUL, es keep the FUN in Ham radio."
>Life Member-ARRL QCWA< >Member-NODXA NCDXF< >DXCC WAS RCC < >8P9BC<
>QSL Mgr for 8P6JG<
>WA8IMO@NO8M.#NEOH.OH.USA<
>WA8IMO@KELLNET.COM<

93. Re: Best way to learn high-speed code?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: cardoc@hhs.net
Message-ID: <320146BC.681D@hhs.net>
Source record: 219899
Cross-posted to: rec.radio.amateur,rec.radio.amateur.misc,rec.radio.amateur.policy

I am currently using MT Gold which I obtained from ARRL. It is on one 3-1/2 floppy, and can be adjusted to 100 words per minute and also for the Farnsworth character rate. I am pleasantly satisfied with the MT Gold and would highly recommend it to anyone wanting to learn morse code. Cost was $30.00.
Edward Dunlevy, Republic, Penna., USA

94. Re: Did the Family Radio Service die?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: n7ory@primenet.com
Message-ID: <4tr26e$83a@nnrp1.news.primenet.com>
Source record: 219900

clint.bradford@atdbbs.com (Clint Bradford) wrote:

>Yep. Just what we need - another CB band. For the first time in history,
>the FCC has mandated that LICENSED GMRS Operators SHARE the same band
>with unlicensed morons. There are no remedies for illegal operations
>intentionally interfering with existing repeater systems in the FRS
>docket. It's quite a ruling, indeed.

From what I understand, the only freqs shared are the interstitials.
So if someone has a repeater on one of those freqs, they're already in
violation.. And intentional interference is already illegal, adding an
extra couple of lines to the FRS writ would be redundant. (GRIN) Not
to promote abuse or anything, but even if someone was to operate at
+/-5 KHz instead of 2.5 by using ham or business rigs, it shouldn't
interfere at all since 5 KHz dev has been in use on the GMRS side for
quite some time now..
(Above statement supposed to reassure GMRS users not promote abuse
(GRIN))

I'm sure each community will have their nutt-cases, but over all, I
beleive that the majority of poor operators will stay away.

I just hope that the manufacturers of these new FRS radios allow for a
wide front-end, so that the 5 KHz GMRS users can be heard without
over-deviating and dropping/getting squelched out.

Rob Neff (N7ORY)
KAF-6962

95. Re: All Ham Bands, Reply to Republican Congress - NOT

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: df@mnsinc.com
Message-ID: <4trefb$qni@news1.mnsinc.com>
Source record: 219901
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Gerry Feid <ugfeid@uxa.ecn.bgu.edu> wrote:

>The FCC board are political appointees of the White House, NOT the
>Congress.
>As such, although they are (theoretically) responsible to Congress as a
>whole, they pretty much do as they doggone well please. Fairly much like
>all the current political appointees have done for the last four years,
>just before they all acquire a major case of amnesia when Congress asks
>them why they did what they did.
>So don't be stupid enough to blame a Republican Congress for what the
>Democratic appointees are doing. Not only is it incorrect, it's
>indicative of the childish partisan finger-pointing that's been going on
>since 1992. It also accomplishes absolutely nothing, so save it for the
>political lists - not HAM radio.

>Infantile partisan finger-pointing is NOT going to stop the FCC. In fact,
>it will only help lose our frequencies by embroiling the HAM community in
>useless argument. As such, useless argument like that will only keep us
>from battling the right people, the FCC.

>Definitely make your feelings known on the issue to your Congressman, as
>well as the White House - both Clinton and Gore. But be adult enough to
>state your case clearly, plainly, BRIEFLY, and keep any personal petty
>little political biases out of your statement. Don't threaten anyone with
>your vote, either - that just relegates your letter into the bit-bucket.

>Gerry
>N9RJV

Good idea! I'd like to make my feelings known in places where making
them known might make a difference.

My feelings are that this discussion should not be cross-posted to
rec.radio.shortwave. ;-)

Dan

96. Re: JAMMERS ON 2 METER

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <4trca1$c5p@anomaly.ideamation.com>
Source record: 219902

In article <4tql9f$mq0@gaudi.lahabra.chevron.com>,
C. Wheeler <cwheeler@ccnet.com> wrote:

>>Is Channel 19 on my 2 meter radio the same frequency as is Channel 19
>>on your 2 meter radio?
>
>Does it matter?

Guess not. I only thought this was amateur radio. You know, the
radio service that among other things dealt with the art of
communication.

MD
--
--
-- Who needs looks when you've got taste?
--
-- If you don't like my opinions, that's just too damn bad.

97. pseudo phonetic alphabets

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: rooster@iglou.com
Message-ID: <DvFn2q.GM7@iglou.com>
Source record: 219946

does anyone have a copy of a 'pseudo phonetic' alphabet they could post?
the entire alphabet is made from words that are NOT representative of the
sound of the 1st letter.

an example for 'k' is 'knife', spelled with k, sounds like n.

i need one of these alphabets so i can comunicate with unwanted telephone
solicitors.

thanks in advance,

mark, KB9NYF

98. Re: Paging? CTCSS?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: "C. Wheeler" <cwheeler@ccnet.com>
Message-ID: <4totjj$3o1@gaudi.lahabra.chevron.com>
Source record: 219947
Cross-posted to: rec.radio.cb,rec.radio.amateur.misc

Costas Spanos <spanos@eecs.berkeley.edu> wrote:
>Jim S wrote:
>
>> Sounds like you had fun making it work, but I hope I still have a
>> choice not to buy it.... I have another question though... is it
>> legal to remotely operate your CB... as for example the remote
>> activated handshake that you speak about??

>Excellent point Jim!. The rules say that using selective calling is
>legal, as long as the (one way) signaling lasts less than 15 seconds.
>What is probably not legal is to have the remote CB key up in response.
>The rules say that the only way to have "remote" transmit operation of a
>CB is through a wire connection. It is my understanding that the FCC
>set up this rule so that people would not make CB repeaters.

You could also use PL since continuous, sub-audible tones are permitted
on CB. We, as hams, don't normally use PL for sel-calling but on CB it
would probably do the job.

My question would be: Is adding a PL encoder to a CB considered an
internal transmitter modification? If so, adding PL would void the type
acceptance.

Only the manufacturer (usually the holder of the grant of authorization)
can make modifications to a type accepted transmitter. FCC approval is
required for any of following modifications:

- The addition of any accessory or device not specified in the
application for type acceptance and approved when the type acceptance was
granted.

- The addition of any switch, control, or external connection.

- Any changes in the radio that change the number of channels (freqs),
modulation level, transmit power, etc.

Seems like adding PL would be prohibited by the first two items. I guess
the PL encoder would have to be externally connected (like via the mic
connector, inline with the mic).

Adding PL decode to the receiver audio system would probably be
considered a receiver modification that you could get away with. Though
it would probably be "legally safer" to use decode through an existing
external speaker jack.

Curtis

99. Re: Latest Qsl Info File Now Available Free!!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: mtw@coredcs.com
Message-ID: <32001273.3664124@news.coredcs.com>
Source record: 219948

On Tue, 30 Jul 1996 08:22:47 -0700, Jim Cummings
<jcumming@clark.dgim.doc.ca> wrote:

>r wrote:
>>
>> The latest Qsl Info File is now available. Looking for a qsl manager
>> from the past to the present look no further. The latest file now
>> contains over 43,000 qsl managers or direct addresses. The best part
>> of this file is it is free. Check it out at www.coredcs.com/~mtw
>
>Sorry, it doesn't work... maybe there is an error in the address?
>
>73 and live better digitally
>Jim, VE3XJ
Hi Jim. You did say if the file did not work or if you had a problem
getting on the URL. The little~ after the / is not a dash but the
shift of the key to the right of the number one key. Some have taken
the ~ as a dash which it is not. Let me know what you have a problem
with and I will get it to work for you. Best of DX 73' Mike

100. Re: 706 cap mods..

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4tp6md$ns0@lehi.kuentos.guam.net>
Source record: 219949

p.vanham@ix.netcom.com(pieter Van Ham) wrote:

>I am shure I am beating a dead horse but... does anyone have a clue on
>how to modify my wonderfull IC-706 to do the CAP split?? It would than
>cover ALL my CAP needs!!
>
>Thanks....

> Pieter van Ham :N1401U:N3reo:sq105 CC:

Well, Peter, since you mentioned horses, try getting the information from the horses mouth - call Icom.

73, Jim KH2D

101. ARES/NTS/RACES with just an HT?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: clint.bradford@atdbbs.com
Message-ID: <9607312038272480@atdbbs.com>
Source record: 219950

>>...[I] only have a 2-meter HT...
>>...I'd like to get involved in ARES or NTS...

If you're still in the Bloomington, IN area, contact K9IU on 146.94-
and let him know you want to get involved!

102. ey8cq's qsl manager

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-01 00:00:00 UTC
From: tmiura@cpr.canon.co.jp
Message-ID: <4tpde2$7pi@casp12.cpr.canon.co.jp>
Source record: 219951

Hello YLs & OMen! This is 7m2gcw, Tosi Miura.
I would like to knwo the callsign of the qsl manager of EY8CQ(Tajikistan).
If you know it, could you possibly tell me it.
Thank you.

/ / /
/ / /
/----/----/
/ /I /
/ / I /
I
A just a beginner of amateur radio station
A A 7m2gcw <tmiura@cpr.canon.co.jp>
AAAAA Tosi Miura
A A

103. Re: Cookie Monster's Not Happy

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <Dvl3JM.DED@news.hawaii.edu>
Source record: 219703

Frank Sved <dg198@FreeNet.Carleton.CA> wrote:
>Jim Kehler (pacrimgolf@kuentos.guam.net) writes:
>> Cookie Monster <willie@cpeq.com> wrote:

>Jim's right to a certain degree. The only thing irritating is that

you included 5 screens of included text and only wrote 3 lines. Geez
Stank, learn to use your editor, will ya?
KH2PZ

104. Re: JAMMERS ON 2 METER

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: Pierre Thomson <mmommsen@mhv.net>
Message-ID: <4tt5b6$5mv@news.mhv.net>
Source record: 219704

randolph@asic.enet.dec.com (Tom Randolph) wrote:
>
>
> Well, far be it from me to interrupt the coax pinning discussion, but here's a
> repeat of the simple DFer gadget article that I posted a while back... The more
> folks have some DF capability (even a very simple one), the less we'll have to
> put up with jammers.
[schematic omitted]
> This is a DF circuit based on the article by K8DTS in May, 1993 QST. I
>
> I've successfully found foxes using this circuit and an IC2AT, so it works!

Thanks for the post, Tom. I built a K8DTS HANDI-finder in about
an hour one day when my company was experiencing interference
in the form of a steady carrier near 152 MHz. Jumped in the car and
found the stuck microphone 6 miles away. It really does work!

Pierre Thomson KA2QPG

105. Re: Its OK to order pizza on 2m autopatch

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: klo@nexusprime.org
Message-ID: <MPLANET.3202221fklo989694@usenet.ufl.edu>
Source record: 219705

```
In article <4t3kte$ldt@news.wco.com>, km6xu@wco.com says...
> : Then they can close their repeater system. If I come across an open
> : repeater and I wish to use it in a manner that has been approved by
> : the FCC, I will do so. If someone has a personal problem with that,
> : they can close the machine.
>
> In the little ARRL book, o=open and c=closed. In real life,
> it's never that black and white. Drew, if you pass through
> my town, you are welcome to fire up the patch and order a
> pizza. Does that make it an "open" repeater? Maybe, maybe not.
> If you decide to call 1-900-EAT-MUFF, I don't think I'd be too
> thrilled about that. Does that make it a "closed" repeater?
> You tell me. Sadly, it is attitudes like yours as expressed
> above (which I too posessed when I was a new ham and thought
> that repeaters were natural resources like trees) that result
> in the closing of repeaters.

Dialiing a number such as 1-900-EAT-BRAN would be plain silly. I
don't think any ham in his or her right mind would call a 1-??? number.
I'm pretty sure that ordering a pizza isn't going to harm anyone in the
long run, since they usually take only a couple of minutes.
The way I see it, repeaters are there for hams to use, and unless
told otherwise by the owner or other hams, they can be used in any way
that does not explicitly break the FCC laws or any sort of "moral" laws,
as in dialing long distance numbers or such. If the owner DOES have a
problem, then that should be addressed to the user, and it should stop
there.

--
^
_' `_ * Kevin Lo -- http://www.nexusprime.org/personal/klo/
.-~' `~-. - klo@bigfoot.com * HTML / Java / Perl / C
( ' __. ` ) * Callsign: KF4JXF * AKA Radnor on most MU*s
`-'' ``-'
```

106. Help: BayCom+Internet

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: Igor Blakunov <yl2gkb@linux.cs.dpu.lv>
Message-ID: <Pine.LNX.3.91.960802195612.979A-100000@linux.cs.dpu.lv>
Source record: 219706

Hello dear friend.

Can you know how to make wireless Internet access via BayCom
radio modems ? Is connection like SLIP/PPP possible ?
Can I use a Netscape and have a full internet serviss ?

If you know anything on this topic, or if you know where located
help/FAQ files on this topic, send message to me, please.

Thank you.

73!

Igor Blakunov (YL2GKB)

107. HAM*INFO*LINK*SOURCE.BBS

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: kb6axk@ix.netcom.com
Message-ID: <4ttaup$gsn@dfw-ixnews2.ix.netcom.com>
Source record: 219707
Cross-posted to:
rec.radio.amateur.misc,rec.radio.amateur.digital.misc,alt.bbs.ads,rec.radio.shortwave,rec.radio.cb,alt.bbs,alt.bbs.lists,

HELLO FELLOW HAMS:and FUTURE HAMS !!!!!!!

HAM BBS dedicated to amateur radio !!!!

There is a DEVOTED AMATEUR RADIO BBS in town ,from your
ARRL/LAX affiliated club coordinator , JOE CIRA , KB6AXK .....
Everything and anything about AMATEUR RADIO will be found here,
IF NOT ? Let me know and we will post it and file it !!!!!!!!

HAM*INFO*LINK*SOURCE BBS at 1-818-584-1952....
24 hrs,8-n-1,anyspeed.......
running 486/66 with 2.1 gig of space !!!
qsl route database,clubs,newsletters,bulletins,shareware,utility
mods,programs,test ques,lists,software and much more....
VEC/VE exam & class list for all So.Cal.
sample exam tests and answers for all class's..
ARRL mirror of all there files !
Using Wildcat v4.11 software..
easy to log in and no FEE's it's FREE !
6,000 FILES IN 119 FILE AREA'S..so far !

latest list of AMATEUR RADIO WEB SITES & PAGES
now 2,405 websites & pages !!!!!!!!!
and GROWING FAST ?!?!!

P.S. also available on the web at:
http://www.netcom.com/~kb6axk/ham-web-site.htm
or
http://www.padl.ac.at/schule/chemie/bob.htm
look for web-sites by KB6AXK on the page........

FYI:there are roughly ,over 33,000 pages,just pages,
that relate to amateur radio/ham radio on the web ???????
My list is primarlly websites.............

73's & 88's de kb6axk,joe cira,ARRL/LAX/ACC.
INTERNET E-MAIL ADDRESS:> kb6axk@ix.netcom.com
/EX
S

--
****
U.S.AMATEUR RADIO STATION " KB6AXK "| SYSOP OF HAM*INFO*LINK*SOURCE*BBS
PASADENA,CALIFORNIA 91107 | at 818-584-1952 any speed 8-N-1
e-mail to kb6axk@ix.netcom.com | dedicated to amateur radio !

ARRL/LAX/ACC | ARRL MIRROR SITE..........
****
researching the CIRA family genealogy
in TERMINI IMERESE,PALERMO,SICILY,ITALY..........

IUOE/INTERNATIONAL UNION OF OPERATING & MAINTENANCE ENGINEERS LOCAL 501
HVAC/R,IAQ,SYSTEMS,CONTROLS,AIR BALANCE,PERFORMANCE,PM's,PLUMBING,
ELECTRICAL,MECH SYSTEMS,EMS/BMS,DDC,CODES,STANDARDS,REGS,QUIDELINES,
PPE,HAZMAT,IPP,and more ....
info call HALL 213-385-1561 or SCHOOL at 213-385-2889..........
****
MY RESUME is on my web site at :) http://www.netcom.com/~kb6axk/resume.html
---

108. Re: VORTAC! (was: Re: Amateur RADAR?)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: Jake Brodsky <frussle@erols.com>
Message-ID: <32027993.728F@erols.com>
Source record: 219708

Jeffrey Herman wrote:
>
> Steven Sampson <Steven_Sampson@msn.com> wrote:
> >Since the GPS has become fully operational, the other
> >navigation modes have become obsolete.
>
> Spoken like a true couch potato sailor. Don't *ever* go to sea with
> that type of attitude. When planning a transoceanic voyage you have
> to assume every piece of electronic gear will eventually get wet
> either due to condensation or breaking seas tossing a couple tons of
> sea water over the deck and into the cabin. Assume battery operated
> gear will also fail just when your life depends upon it.
>
> You'd better take along a sextant, the Nautical Almanac, and the
> Sight Reduction Tables, and know how to use them. Don't even depend
> upon a handheld nav calculator. It will eventually get dropped into
> the bilge.
>
> It's fine to be a danger to yourself, but do think twice about making
> such dangerous statements to others.

As a pilot let me interject a bit more common sense in to this
navigation thing: The key is not to rely on any one piece of
equipment. That's it. The hazards you cite can be applied just as
easily to the almanac and sextant. You'll be in the same amount
of trouble if either one of them washes overboard too!

The key is knowing and using more than one navigation system at a
time. Which ones? How many? That depends on what degree of
comfort you're looking for. I can fly my airplane using dead
reckoning, an NDB, GPS, A VOR, assistance from air traffic controllers,
or I can just look out the window and read the name on the water tower
I see below me. I have lots of options. I'm not obligated to
use any one of them over another. The thing is that I always use at
least two or three of them at any given time.

I call that prudent judgement. Neither system depends on the other.
They are good backups to one another. The objective is redundancy,
not battery phobia, being washed overboard, or physical damage.

73,

Jake Brodsky, mailto:frussle@erols.com
PP-ASEL-IA, Cessna Cardinal N30946, Based @ MD24
Amateur Radio Station AB3A
"Beware of the massive impossible!"

109. Maryland-DC QSO Pty Anncemnt

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: eab@VOA.GOV
Message-ID: <DvJBqG.EEw@VOA.GOV>
Source record: 219709

The Antietam Radio Association presents the Maryland-DC QSO Party on
August 10 1600Z to 0400Z August 11 and 1600Z to 2359Z August 11, 1996.

Phone & CW. CW QSOs in CW Bands only. Stations May be worked once
per band using each mode. Only Single operator stations are
permitted outside the Maryland-DC Area.

AWARDS: PLAQUES to: (1) High Scoring Single Operator from MD-DC
(2) The Top non-MD-DC Single Operator Station Entry
(3) The MD-DC area club with the high scoring entry
CERTIFICATES to:
(1) All with 50 or more QSO Points in Entry !!!!
(2) The 10 Best MD-DC Single Operator Logs
(3) Best log from Each U.S. State
(4) Best Log From Each Canadian Province
(5) Best log from each DX Country
(6) Best MD-DC Mobile Entry
(7) Best YL Entry from MD-DC
(8) High QRP Entry from Each State
(9) Best Novice/Tech Entry from Each State

The Rules
1. Non MD-DC Stations must work only MD-DC Stations. MD-DC Stations may
work anyone.

2. Portables and mobiles that change counties during the test count as a
separate station in each new Maryland county of operation. Sorry, no packet
or repeater QSOs allowed. QSOs part of a regularly scheduled net are not
allowed.

3. Exchange: QTH & Major Category of Entry. QTH is County for MD-DC Stns.
Use U S State, Canadian Province or DX Country as appropriate for non MD-DC
stations. MAJOR CATEGORIES are CLUB, QRP, MOBILE, Novice/Tech.
and STANDARD. Stations should send the major category that reflects their
HIGHEST POINT VALUE.

4. Suggested Frequencies (mode appropriate) 3.92 7.23 14.26 21.37
28.38 50.15
Simplex 2 mtrs & above
And 3.643 3.701 7.035 7.126 14.04 21.115 28.04 28.115 CW
is encourages and suggested use on odd half hours
examples 1730 1930 2130 etc.

5. SCORING For Non MD-DC Stns Each MD County + Baltimore City & DC are
Multipliers (25 possible)

For MD-DC Stns The basic 25 above + each of the other 49 states + each Canadian Province +each other DX Country (rule change this year!)

Multipliers may be claimed one only. They do not repeat on each band.

6. QSO Points: 10 points for CLUB Stn QSOs
5 points for MOBILE Stn QSOs
4 points for QRP Stn QSOs
4 points for Novice/Tech Stn QSOs
3 points for CW or RTTY QSOs (RTTY & CW same mode for scoring)
1 point for any other valid contact (Voice, ATV, etc.)

HIGHEST SINGLE POINT VALUE APPLIES (Example Contact with a mobile club station is a 10 point QSO.

7. Final Score : Add up QSO Points and Multiply by the total Multipliers

8. Send Logs with S.A.S.E. by September 10, 1996 to:

Antietam Radio Association (W3CWC)
P.O. Box 52
Hagerstown, MD 21741

Hope to see you in the test. DON'T FORGET THE AUTOMATIC CERTIFICATE TO ALL ENTRIES WITH 50 OR MORE QSO POINTS IN ENTRIES!

73,
Ted Lawhead WA3AAT Chairman (WA3AAT@N3QKP.PA.USA.NA)
Page Pyne WA3EOP Co-Chairman (WA3EOP@N3QKP.PA.USA.NA)

1996 Maryland - DC QSO Party Committee

110. Re: Fuck You Jim You Low Life

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4tti3p$8jo@freenet-news.carleton.ca>
Source record: 219710

The Shadow (shadow@ricochet.net) writes:
> I can't express my thoughts
> Get the hell out of here]
>
> WELL FUCK YOU ASS HOLE

Gee, Jim. I don't mean to point fingers but could Mr. Shadow be speaking
about you? Have you irritated someone today? Not the Jim I know. :)
--
73s Frank Sved, VE3GID

111. Re: JAMMERS ON 2 METER

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: steve <kd6fyk@wco.com>
Message-ID: <3202DA29.1A42@wco.com>
Source record: 219711

Dana Myers wrote:
>
> In article <DvFE5L.Jqt@news.hawaii.edu>,
> Jeffrey Herman <jherman@Hawaii.Edu> wrote:
> >Dana Myers <myers@West.Sun.COM> wrote:
> >>Jeffrey Herman <jherman@Hawaii.Edu> wrote:
> > >
> > >>>Repeaters operate on frequencies just like any other amateur transmitter.
> > >>>I like to hang out on 7030 kc but no one in their right mind would call
> > >>>that a channel. QRP ops hibernate on 7040 kc; that a group of operators
> > >>>nationwide monitor that frequency doesn't make it a channel. The 20M
> > >>>NCDXF beacon system lives on 14.1 Mc. Is it a channel?
> > >>>The 2M rigs I've seen allow an owner to vary the frequency by 5 kc
> > >>>steps. Are each of those channels?
> > >
> > >>7030KHz is a frequency; so is 7040KHz, and so is 14100KHz.
> > >
> > >>However, when you transmit information more than one frequency
> > >>is involved. Every signal occupies some amount of bandwidth;
> > >>even CW occupies bandwidth like any other AM signal. A look in
> > >>my Webster's dictionary shows that the salient definition of
> > >>'channel' is 'a narrow band of frequencies used by a radio transmitter'.
> > >
> > >My Oxford dictionary makes no mention of frequencies under the definition
> > >of "channel", so let's stick to the common communicator's usage.
> >
> > After this comment, I probably shouldn't reply to anything else in
> > this note. Not just one, but two different Webster's dictionaries
> > (New Riverside and Collegiate) both include a definition of
> > "channel" relevant to radio communications. The English language
> > evolves - does your Oxford dictionary include definitions for
> > commonly used terms such as "semiconductor", "microcomputer",
> > or perhaps "cw"? If not, does that mean these terms don't have
> > meanings today? You're saying "it isn't in my dictionary, therefore
> > I can define it to mean anything I choose". That just isn't correct,
> > Jeff, and you should know that.
> >
> > >>So, Jeff, all of these frequencies you mention are center frequencies
> > >>for CW channels.
> > >
> > >Oh? What if I tweak my 7030 kc xtal to 7030.5 or 7031? Two new channels?
> >
> > These are different channels since the center frequency is different. Remember,
> > a channel is really just a center frequency and bandwidth.

>
> >We think of a "channel" as being a fixed frequency given a designation
> >that a certain group of users understand. The HF marine channel 507
> >and the VHF marine channel 16 are known to maritime radio users. By
> >law they must operate on certain fixed frequencies. Operators in the
> >Citizen's Radio Service are also bound by law to operate on certain
> >fixed frequencies - every CB operator knows the purpose of "channel 9."
> >On the other hand, amateurs are allowed to be frequency agile; no other
> >radio service (except the military) is given this privilege.
>
> If you look in the relevant CFRs, you'll see that all of these
> service-specific numbered channels have a defined bandwidth and
> center frequency. In the context of particular services, they've
> also got an arbitrary number. So what? CB channel 12 the same as a
> 10KHz bandwidth with a center of 27.105MHz.
>
> >Now, some want to consider 2M frequencies as channels. If so, there
> >would have to be a uniform designation scheme provided for this collection
> >of channels. What is it? Is operation between two channels permitted?
> >If so, shouldn't a frequency between two channels also be termed
> >termed a channel?
> >
> >Channelization is contradictory to the amateur's frequency agility.
>
> Perhaps, but you're discussing apples and oranges here, Jeff. The term
> 'channel' clearly does not require the use of pre-defined center
> frequencies, though some radio services do specify channels this way.
>
> >>What a nice reflection on amateur radio when people mistakenly get
> >>their underwear in a bunch over the use of a common term.
> >
> >It wasn't a common term in the ARS, but like Roger Beeps and the 10-code,
> >our once unique culture is being diluted to a level some find a bit
> >nauseating.
>
> Oh, I see, the simple fact that CB radios have 'channels' means that
> amateur radio can't. Right. I'm not crazy about roger beeps, 10 codes
> and ridiculous Q signals, but I'm not so afraid of CB that I'll make
> illogical arguments against using terms like 'channel' just to
> avoid using some term in common.
>
> --
> * Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
> * (310) 348-6043 | not be interpreted or represented as *
> * Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

channel 9 ?you cottonpickers stay off my private business frequency!

112. Re: BEWARE OF JON VAN ALLEN, KF7YN, IN SALT LAKE CITY

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: steve <kd6fyk@wco.com>
Message-ID: <3202DAFE.3C7@wco.com>
Source record: 219712

Mark Walsh wrote:
>
> Burt Fisher (kotzebue@juno.com) wrote:
> : Tim English wrote:
>
> : > Lesson learned here ? DONT TRUST ANYONE anymore. Hams will rip you off as much
> : > as the next guy so BEWARE !
>
> : Actually I find hams to be more honest than most.
> : Boring, fat, dull, white, lazy but honest.
>
> Hey, watch it! My hams friends are neither boring nor dull! :-)
>
> ***** Mark Walsh ***** km6xu@wco.com *****

hey mark,are you calling me fat ,white and lazy?did u have fun with
your brother? steve

113. Re: Duplex on CB? CB Repeaters?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <DvJ5Bo.74J@news.hawaii.edu>
Source record: 219713
Cross-posted to: rec.radio.cb,rec.radio.amateur.misc

C. Wheeler <cwheeler@ccnet.com> wrote:
>jherman@Hawaii.Edu (Jeffrey Herman) wrote:

>>Internal changes would have to be performed to the radio to make it a
>>repeater. Part 95 prohibits that.

>Internal changes to a tranmsitter....that's right.

Since CB transceivers must be type-accepted, and the receiver contains
an oscillator whose emissions must be below a certain level, one wonders
whether even mucking around with the receiver risks voiding type-acceptance.
(This query is not related to your idea of using two xcvrs back-to-back
to get around performing any internal changes.)

KH2PZ

114. Re: Fuck You Jim You Low Life

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: rchalk@mindspring.com
Message-ID: <4trnvk$1nn2@mule2.mindspring.com>
Source record: 219714
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

In article <3200F1F1.7856@ricochet.net>, shadow@ricochet.net wrote:
>I can't express my thoughts
>Get the hell out of here]
>
>WELL FUCK YOU ASS HOLE

Nice to see that my kids can cruise these groups without having to put up with bad language...

115. Re: F__K You Jim You Low Life

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: james-m@ix.netcom.com
Message-ID: <4trsdl$129@sjx-ixn4.ix.netcom.com>
Source record: 219715
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

In article <4trnvk$1nn2@mule2.mindspring.com>, rchalk@mindspring.com says...
>
>In article <3200F1F1.7856@ricochet.net>, shadow@ricochet.net wrote:
>>I can't express my thoughts
>>Get the hell out of here]
>>
>>WELL F--K YOU ASS HOLE
>
>
>Nice to see that my kids can cruise these groups without having to put up
with
>bad language...
>

Yes, and I am sure that they, like me are glad that we have people in this newsgroup that make it a point to quote exactly the original offending message in their replys.....Insuring that those of us that may have missed it the first time around, do not miss it the second time..

Thanks.....NOT!!!!

Don

116. Re: Fuck You Jim You Low Life

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: elitemp@ix.netcom.com
Message-ID: <4tsdk2$hg1@sjx-ixn2.ix.netcom.com>
Source record: 219716
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

In <4trnvk$1nn2@mule2.mindspring.com> rchalk@mindspring.com (Richard Chalk) writes:
>
>In article <3200F1F1.7856@ricochet.net>, shadow@ricochet.net wrote:
>>I can't express my thoughts
>>Get the hell out of here]
>>
>>WELL FUCK YOU ASS HOLE
>
>
>Nice to see that my kids can cruise these groups without having to put up with
>bad language...
>
I agree. These gentlemen, and I use the term loosely, are so RUDE!!!

117. Re: Fuck You Jim You Low Life

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: prografx@teleport.com
Message-ID: <4ttb9k$44p@nadine.teleport.com>
Source record: 219717
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

"He can't come out and play radio today because he has been a VERY naughty boy"

(Use best Monty Python female voice)

Steve
WB7PSD

118. Re: Code above 11wpm

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: "Gary J. Ferdinand" <gferdinand@ipass.net>
Message-ID: <32028CD9.4CDB@ipass.net>
Source record: 219718

Stan Vandiver wrote:
>
> Scott wrote:
> >
> > I just got my Novice licence and am going for the Tech + on August 3rd. I
> > was planning on taking the General Class 13wpm code test the same day and
> > the theory the next month, but it seems that i've been practicing my code
> > for weeks and I just can't seem to get above 11wpm.
> >
> > Any tips?
> >
> > Scott, KF6FCN
>

Scott,

I agree with Stan's approach (copying at higher speeds. It worked fine
for me. The key (no pun)
is to get used to hearing the letters and spaces at much faster speeds
than your 11 wpm. You don't indicate how you're copying 11 wpm -
whether it's 11 wpm sent with 20 wpm characters and exaggerated spacing
or whether it's a true 11 wpm. I hope it's not the latter. Even if
you have trouble, listen to the 20 wpm characters.

I would also suggest, if you have the equipment, that you get on the
air with that Novice license and make some contacts. You'll find your
11 wpm to be a very good basis for CW contacts in the Novice bands, and
the practice copying call letters will greatly improve your numbers
and random letter ability (both are great in a crunch when something
seems to come out of the blue on a cw test).

Best of luck to you!

Gary, W2CS

119. Re: WHERE IS THE 40M SWAP NET?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: steve <kd6fyk@wco.com>
Message-ID: <3202E13B.28DA@wco.com>
Source record: 219719

j. selby wrote:
>
> HAVE LISTENED SEVERAL TIMES AND HAVE NO IDEA WHERE THE SWAP NET
> MEETS. WAS TOLD ITS ON 40M. CAN U SUPPLY ME WITH TIME AND FREQ? MANY
> THANKS. JERRY N1UMH

there is one in sixland at 12:30 +/- sat.&sun. on 7240 +/-
73 steve

120. Re: All Ham Bands, Reply to Republican Congress - NOT

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: T E I X E I R A <teixeira@ccnet.com>
Message-ID: <4trsfj$s1u@ccnet2.ccnet.com>
Source record: 219720
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.amateur.policy

Gerry Feid <ugfeid@uxa.ecn.bgu.edu> wrote:
>The FCC board are political appointees of the White House, NOT the
>Congress.
>
Did you read the letter from the ARRL that was quoted on the original
posting?

If so go tell it to the ARRL.

121. Re: HTX-202 replacement battery?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: "Adam D. Shapiro" <ads@zipnet.net>
Message-ID: <3202C7CF.5B9B@zipnet.net>
Source record: 219721

Rick Miller wrote:
>
> On Thu, 1 Aug 1996, Clint Bradford wrote:
> >
> > >>The HTX-202 does not like to be powered from 12 volt or greater
> > >>batteries because the built-in zenar diodes will tend to overheat.
> >
> > This is absolute nonsense. Check with the Project Engineer for the
> > HTX-202 before you re-print outdated, incorrect information in any
> > public forum.
>
> Keep in mind, Clint, that there are lots of *OLD* HTX-202's floating
> around out there. I think *mine* may even be one of them.
>
> The Zeners do indeed get warm but that's not the biggest problem.
> The trouble with the older ones is that those Zeners are located too
> close to the *output* transistors which may then overheat.
>
> I've seen it recommended that you should install the belt clip
> whether you intend to use it or not, since it provides some extra
> heat sink for the Zeners, especially when running on automotive
> power (13.8 V).
>
> All these good hints are nicely explained (along with how to
> tweak your HTX-202/404) at:
>
> http://ourworld.compuserve.com/homepages/wa3rvt/htx-202.htm
>
> Rick Miller
> ---
> Raportisto demandis de Mahatma Gandhi, "Sr-o. Gandhi, kio vi pensas pri
> Okcidenta Civilizacio?" Li respondis, "Mi pensas ke gxi estus bona ideo."

Take it from an HTX-202 owner. I saw the finals fry twice because of
the stupid Zener problem. I would be using the HT on perfectly normal
conditions, chatting with 5 W into a local repeater with a very nicely
matched ant. when all of a sudden you'd lose all power. I'd heard
rumors about this stuff, and my 202's were circa 1995. They were not
old as you might say. This has also happened to a friend of mine,
locally. My favorite point of this whole deal was that A) because of my
service warranty, every time this happened I got a new radio and B)
twice the salesman at RS asked <and I quote>, "What's the matter, are
the batteries dead or something?" Now if this was actually designed by
hams (Maxon) how come they don't even know how to make a radio with good

finals, never mind image rejection. Through it all, I now have a 202 that I've had since last summer - with no problems. This is also because I've become a bit more cautious. What is also interesting is that I also own an Icom W21AT and that little thing will get so hot, but that is like normal operating temp. because of the small heat sink! I really do like the HTX-202. It's a no-nonsense radio, that besides this, has been a really reliable rig. BTW, I would not worry about the BP-8's. Many other hams use them, and I've never heard of this happening while using one, but that could be just out of luck?!

Have fun and 73,

Adam/KE1BG
--
Adam D. Shapiro
Amateur Radio Station KE1BG
Ashland, Massachusetts USA
Remember my famous line, "Don't do anything I would!"
E-Mail: ads@ads.zipnet.net
WWW: http://www.zipnet.net/~ahs/adam

122. Re: DF gear for a repeater (was VORTAC, RADAR)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug2.132510.211@ke4zv.atl.ga.us>
Source record: 219722

In article <32010994.1148@mich.com> Jeff King <jeff@mich.com> writes:
>Jake Brodsky wrote:
>> Jeff King wrote:
>> > And if you put similar setups at the remote reciever sites, you could
>> > pinpoint the approximate position. Sounds like a project, aye?
>>
>> You know, this isn't as bad as it sounds. I've seen DF gear for marine
>> use. A little indicator lights up to show you what relative bearing the
>> signal's coming from. One could build something like that at each
>> receiver site. You could latch it and then shoot that information back
>> when it gets polled by the repeater. Nah, too complicated...
>
>Actually, it might be a good product for repeaters with remote recievers.
>The bearing and signal strength could be encoded on a low data rate
>PL/FSK signal on the reciever link. Then this would all be collected at
>the main transmitter and the trig done to give you a exact latitude and
>longitude of the transmitter in question.
>
>The lat/lon could be spit out as voice at the tail of each transmission.
>Certainly would discourage any fixed repeater jammers. I don't think it
>would be that cheap, but for the repeater with all the bells and
>whistles it might be a good add-on.

Surprisingly, perhaps, it would normally work better on *mobile* jammers
than on *fixed* jammers. The bane of all direction finding systems is
multipath. That can cause the DF gear to give a reading *anywhere* around
the compass for a given station in a given multipath environment. But
if either the DF receiver or the transmitter being hunted is mobile,
then the multipath is not fixed. It jitters with an *average* direction
which will be closer to the true bearing than if the DF receiver and
hunted transmitter were both stationary.

If you hunt with a doppler DF outfit, you'll immediately notice this
effect. When you are stationary, you get a rock steady bearing, but
very often it is the *wrong* bearing. When you get in motion, you
get a scatter of readings, but their average tends to be the *true*
direction of your target. This works just as well if the target is
moving and you are stationary.

I've often thought of equipping several repeater sites with doppler DF
gear and linking them together via packet to form a tracking network.
Resolution isn't really good enough to get a hard point triangulation,
but at least it would give the mobile hunters a starting point.

I understand that some mobile hunters can link together using APRS
to share their own locations and the bearings that they are presently
receiving on the target station. I even seem to recall a QST article
about a system to resolve those reports into a rough lat/long solution
automatically. The technology is out there, it is within amateur reach,
but it is far from perfect and precise. You still need some mobile
hunters to pin the source down precisely.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

123. Re: Duplex on CB? CB Repeaters?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug2.142553.432@ke4zv.atl.ga.us>
Source record: 219723
Cross-posted to: rec.radio.cb,rec.radio.amateur.misc

In article jherman@Hawaii.Edu (Jeffrey Herman) writes:
>C. Wheeler <cwheeler@ccnet.com> wrote:
>>A copy of the "CB Rules" of part 95 is still required to be packaged with
>>every CB sold.
>>
>>These rules don't clearly explain "why" you can't have a CB repeater. I
>>guess that it can be infered that repeaters are not used in a
>>"...private, two-way, short distance communications service..."
>
>Internal changes would have to be performed to the radio to make it a
>repeater. Part 95 prohibits that.
>
>Jeff KH2PZ / KH6

Actually, internal changes would *not* be required. Haven't you ever seen an ad hoc repeater made from *two* radios? A couple of *unmodified* HTs can make an expedient repeater by simply connecting their earphone and microphone connections to a suitable controller. Someone advertises just such a controller in the ham magazines. It would work using two unmodified CB sets too. (Of course you'd better plan on running split site, the duplexer you'd need would be killer if the split were to remain inside the CB band.)

The FCC doesn't allow repeaters on CB because they don't want repeaters to be used on (Class D) CB. It isn't because building such a repeater would require voiding the Type Acceptance of the radios used.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

124. Re: Wires for longwires

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug2.123859.29987@ke4zv.atl.ga.us>
Source record: 219724

In article <4tfhmk$ngg@news-feed2.globalnet.co.uk> algol@globalnet.uk writes:
>At present my antenna consists of around 50 feet of quite thin copper
>wire, salvaged from an old transformer. This longwire is folded
>around (due to constraints of space) but seems to perform fairly well
>with my Yaesu FRG-880.
>I was wondering if anyone out there could tell me wether there is any
>advantage to be gained by using the very much thicker stranded copper
>wire which is usually supplied with antenna kits. Also, will the
>fact that it is bent aroud over its length affect it's performance
>over one which is in a straight line..
>Any comments would be much appreciated.

John, for *reception*, thin copper wire antennas are fine if they
are strong enough to span the needed spans without too much sag.
For *transmission*, where antenna currents can be high, heavier
gauge wire is needed.

Folding the antenna around will affect its pattern. Depending on
how it is folded, what directions you want to hear, and more
importantly what directions you *don't* want to hear, it could
be good or bad. The main thing a HF antenna buys you is the ability
to *null* undesired signals and noise. Signals on HF aren't that
weak, but noise and interference are high, so the best antenna for
reception is the one that offers the best null in directions other
than the one in which you are listening.

An antenna that is randomly strung will have an unpredictable
pattern. It *may* be just what you want, or it may not. An antenna
that is deliberately oriented gives more predictable performance.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

125. Re: CAP mod for htx-202?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: Phil <pmetcalf@xyplex.com>
Message-ID: <4ttdh3$l0f@cronkite.xyplex.com>
Source record: 219725

Being an owner of the radio and a CAP officer, I have tried to find a way.

It cannot be done without very extensive rework (dangerous).

Radio Shack has obliged you with an non-expandable frequency transceiver.

Other than that I love the radio!

-> Phil KA1NHZ & Patriot 655

126. Viking PH/Patch HELP!!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: wtpoe@ro.com
Message-ID: <4ts02n$82u@news.ro.com>
Source record: 219726

I have a Viking phone patch and need information on how to make it work. The back has a 4 screw terminal strip labeled:

1 2 3 4
L2 L1 SPKR RCVR

It also has a 2 prong jack (most likely for a mike), and a 2 conductor wire with ground/shield.

Please help,

W. T. Poe KF4 CHZ

wtpoe@ro.com

127. Re: (deleted) Jim You Low Life

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: w9sz@prairienet.org
Message-ID: <4trujo$ko3@vixen.cso.uiuc.edu>
Source record: 219753

In a previous article, shadow@ricochet.net (The Shadow) says:

>I can't express my thoughts
>(&etc)
>(&etc)
>(&etc)
>

I always figured that the people who used that as a response had an IQ no bigger than the average shoe size and so had nothing witty to say.

In other words, DEFENSELESS IN A BATTLE OF WITS.

73, Zack W9SZ

--
"You can't be optimistic with a misty optic" - Rex Luscus

128. Re: For Sale or Swap Usenet

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: adamkern <adamkern@tiac.net>
Message-ID: <4ts12r$aum@news-old.tiac.net>
Source record: 219754

Try rec.radio.swap

129. Re: Ham Radio in Phenomenon

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: adamkern <adamkern@tiac.net>
Message-ID: <4ts1bs$aum@news-old.tiac.net>
Source record: 219755

In the movie "Independance Day" you see ham radio operators (really military personnel) using CW to save the world. It was after the aliens destroyed Earth's communications, so they used the hams to convey the battle plans.

The only problem was that they were using straight keys-at 35 WPM! I wish I could do that!

Also, shouldn't they have been using MARS/CAP???

Oh well! What can you expect from Hollywood? At least we saved the world...

-Adam Kern
N1TYF
adamkern@tiac.net

130. Free mobile telephone unit

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <DvHIs3.D08@news.hawaii.edu>
Source record: 219756
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

No response from anyone on .swap, so, I have an older 800 MHz mobile telephone transceiver (floor mount) with no control head (handset). Made by Matsushita (Panasonic). You can have it for just the cost of postage (maybe $10 to $15).

Jeff KH2PZ / KH6

131. Hurricane Frequencies

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: snyder@scvnet.com
Message-ID: <4ts9cm$fb8@rocky.scvnet.com>
Source record: 219757
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave

HURRICANE FREQUENCIES
(Unless otherwise noted, times are UTC, freq in kHz)
Revised August 1, 1996

The following high-frequency hurricane season intercepts have been gleaned from numerous sources. Times and frequencies are subject to frequent change, and are listed for reference only. Beginning this issue, the list is a collaboration between Bill Snyder of California and Roger Pettengill of New York. This list has been published monthly during hurricane season since 1991.

If you copy this list, credit the authors. Do not remove update request and e-mail addresses. This is the only way we can keep the list updated! Thank you all who have so generously contributed information. Enjoy!

Bill Snyder AA6KC
Roger Pettengill

FREQUENCIES OF INTEREST DURING HURRICANE SEASON

03357.0 FAX Pictures from NAM Norfolk (continuous)
03407.0 USB National Hurricane Center air-gnd "ALPHA"
04271.0 FAX Pictures from CFH Halifax (continuous)
04426.0 USB USCG wx NMN Portsmouth (0400 0530 1000)
04724.0 USB Hurricane hunter acft - GHFS
05211.0 USB SHARES - FEMA National Emergency Coordination Net (night pri)
05562.0 USB National Hurricane Center air-gnd "BRAVO"
05610.0 USB National Hurricane Center air-gnd "CHARLIE"
06496.4 FAX Pictures from CFH Halifax (continuous)
06501.0 USB USCG wx NMN Portsmouth (0400 0530 1000 1130 1600 2200 2330)
06673.0 USB National Hurricane Center air-gnd "DELTA"
06739.0 USB Hurricane hunter acft - GHFS guarded by MacDill & Ascension
07507.0 USB USN/USCG hurricane net (pri)
07508.5 USB FAA Caribbean hurricane net
08764.0 USB USCG wx NMN Portsmouth (0400 0530 1000 1130 1600 1730 2200 2300)
08876.0 USB National Hurricane Center air-gnd "ECHO"
08968.0 USB Hurricane hunter acft - GHFS
08992.0 USB Hurricane hunter acft - GHFS guarded by MacDill & Ascension
09380.0 USB USN/USCG hurricane net (sec)
10015.0 USB National Hurricane Center air-gnd "FOXTROT"
10493.0 USB SHARES - FEMA National Emergency Coordination Net (day pri)
10536.0 FAX Pictures from CFH Halifax (continuous)
10865.0 FAX Pictures from NAM Norfolk (continuous)
11175.0 USB Hurricane hunter acft - GHFS guarded by MacDill & Ascension

13089.0 USB USCG wx NMN Portsmouth (1130 1600 1730 2200 2330)
13200.0 USB Hurricane hunter acft - GHFS
13267.0 USB National Hurricane Center air-gnd "GOLF"
13510.0 USB Pictures from CFH Halifax (1000-2200)
15016.0 USB Hurricane hunter acft - GHFS guarded by MacDill & Ascension
17314.0 USB USCG wx from NMN Portsmouth (1730)
17901.0 USB National Hurricane Center air-gnd "HOTEL"
17976.0 USB Hurricane hunter acft - GHFS
21937.0 USB National Hurricane Center air-gnd "INDIA"

AMATEUR HIGH-FREQUENCY EMERGENCY HURRICANE NETS

01984.0 LSB Virgin Islands (Virgin Islands, Puerto Rico, Lesser Antilles)
03808.0 LSB Caribbean Wx (1030)
03815.0 LSB Antigua/Antilles
03815.0 LSB Inter-island (continuous watch)
03845.0 LSB Gulf Coast West Hurricane
03862.5 LSB Mississippi Traffic
03873.0 LSB Central Gulf Coast Hurricane
03873.0 LSB Texas Traffic
03905.0 LSB Pacific ARES (Hawaii)
03907.0 LSB Carolina Coast Emergency
03910.0 LSB Mississippi ARES
03910.0 LSB Virginia Emergency, Alpha
03915.0 LSB Louisiana Emergency
03915.0 LSB North Carolina
03915.0 LSB Massachusetts/Rhode Island Emergency
03917.0 LSB Eastern Pennsylvania Emergency
03923.0 LSB Mississippi ARES
03923.0 LSB North Carolina Emergency (Tar Heel)
03925.0 LSB Central Gulf Coast Hurricane
03925.0 LSB New York State Emergency
03925.0 LSB Louisiana Emergency (altn)
03925.0 LSB Southwest Traffic (altn)
03935.0 LSB Belize
03935.0 LSB Central Gulf Coast Hurricane
03940.0 LSB Southern Florida Emergency
03947.0 LSB Virginia Emergency, Bravo
03950.0 LSB Northern Florida Emergency
03955.0 LSB South Texas Emergency
03960.0 LSB North East Coast Hurricane
03965.0 LSB Alabama Emergency (altn)
03967.0 LSB Gulf Coast (outgoing traffic)
03975.0 LSB Georgia ARES
03975.0 LSB Texas RACES
03987.5 LSB Mexican National
03993.5 LSB Gulf Coast Health & Welfare
03993.5 LSB South Carolina Emergency
03995.0 LSB Gulf Coast Wx

07165.0 LSB Antigua/Antilles
07165.0 LSB Inter-island 40-meter (continuous watch)
07225.0 LSB Central Gulf Coast Hurricane
07230.0 LSB Southwest Traffic
07232.0 LSB South Carolina Emergency
07232.0 LSB Tar Heel Emergency (altn)
07235.0 LSB Louisiana Emergency
07235.0 LSB Baja
07235.0 LSB Central Gulf Coast Hurricane
07240.0 LSB Texas Emergency
07243.0 LSB Alabama Emergency
07243.0 LSB South Carolina Emergency
07245.0 LSB Southern Louisiana
07247.0 LSB Southern Florida Emergency (altn)
07247.5 LSB Northern Florida Emergency (altn)
07248.0 LSB Texas RACES
07250.0 LSB Belize
07250.0 LSB Texas Emergency
07254.0 LSB Northern Florida Emergency
07260.0 LSB Gulf Coast West Hurricane
07264.0 LSB Gulf Coast Health & Welfare
07268.0 LSB Waterway
07273.0 LSB Texas Traffic
07275.0 LSB Georgia ARES
07280.0 LSB NTS Region 5
07280.0 LSB Louisiana Emergency (altn)
07283.0 LSB Gulf Coast (outgoing only)
07290.0 LSB Central Gulf Coast Hurricane
07290.0 LSB Gulf Coast Wx
07290.0 LSB Hawaii Emergency
07290.0 LSB Traffic
14185.0 USB Caribbean Emergency
14200.0 USB (Please advise)
14215.0 USB Pacific Inter-island
14222.0 USB Health & welfare
14245.0 USB Health & welfare
14268.0 USB United Nations Radio Readiness Network
14275.0 USB Bermuda
14275.0 USB International Amateur Radio Net
14283.0 USB Caribus Health & Welfare
14300.0 USB Intercontinental Traffic and Maritime Mobile Service
14303.0 USB Atlantic Region Traffic (Health & welfare)
14316.0 USB Health & Welfare
14325.0 USB Hurricane Watch (Amateur-to-Natl Hurricane Center)
14340.0 USB Louisiana (1900)
14340.0 USB California-Hawaii
21310.0 USB Health & welfare (Spanish)
21390.0 USB Inter-Americas Health & Welfare
21400.0 USB Transatlantic Maritime
28450.0 USB Health & welfare (Spanish)

Hurricane reconnaissance aircraft (hurricane hunters) now operate primarily

on US Global High Frequency System (GHFS) frequencies. Best frequencies to

monitor are those guarded by MacDill and Ascension. After initial contact on one of the published GHFS frequencies, listen closely for them to switch

to a non-published frequency to pass traffic. Aircraft call signs are "GULL-nn" or "TEAL-nn" (where nn is a 2-digit number), and "NOAA-42" and "NOAA-43." The GULL and TEAL aircraft are type WC-130 based at Keesler AFB, Biloxi, MS. The NOAA aircraft are type WP-3D based at MacDill AFB, Tampa, FL. Look for the new NOAA Gulfstream IV-SP (tail number N49RF, call

sign "NOAA-49") to make its debut this season.

Whenever a hurricane is within 300 miles of land in the northern western hemisphere, the Hurricane Watch Net is operational on 14325. The Hurricane

Watch Net provides communication between the National Hurricane Center and the affected areas.

During a communications emergency, W1AW transmits special bulletins by voice at hh:00, teleprinter at hh:15, and CW at hh:30. Frequencies are:
Voice 01855 03990 07290 14290 18160 21390 28590
Teleprinter 03625 07095 14095 18102.5 21095 28095
CW 01818 03581.5 07047.5 14047.5 18097.5 21067.5 28067.5

The National Institute of Standards and Technology broadcasts storm warnings on 2.5, 5, 10, 15 & 20 MHz AM according to the following schedule:
WWV hh:08 Covers Atlantic and eastern North Pacific
WWVH hh:48 Covers Western, Eastern, Southern, and North Pacific

---

Globe Wireless broadcasts weather information, forecasts and bulletins in CW and SITOR modes on the following time-slot schedule:

STATIONS
WNU New Orleans, Louisiana
VCT Tors Cove, Newfoundland
KFS Palo Alto, California

FREQUENCIES
WNU FEC: 04210.5 06327.0 08425.5 12588.5 12607.5 16384.5
VCT FEC: 04217.5 06329.5 08422.0 12610.5 16827.5
KFS FEC: 04211.5 06315.5 08417.5 12580.5 16829.5 22377.5
WNU CW: 00478.0 04310.0 08570.0 12826.5 17117.6 22575.5
KFS CW: 00476.0 08558.4 12844.5 17026.0 22581.5

FEC PRODUCT & TRANSMISSION TIMES
WNU: GOM/CARIB/ATL CYCLO BULL 0220 0520 0820 1120 1420 1720 2020 2320
WNU: GOM/CARIB OFFSHORE FCST 0350 0950 1550 2150
VCT: N ATL HIGH SEAS WX 0450 1050 1650 2250
KFS: E & CTL PAC CYCLO BULL 0220 0520 0820 1120 1420 1720 2020 2320
KFS: PAC HIGH SEAS WX 0450 1050 1650 2250

CW PRODUCT & TRANSMISSION TIMES
WNU: GOM/CARIB/N ATL HSEAS WX 0350 0950 1550 2150
KFS: PACIFIC H SEAS WX 0450 1050 1650 2250

NOTES:
1. Offset tune 2.2 kHz for FEC broadcasts in FSK or LSB
2. Normal hurricane season extends 01 June to 30 November

One of the most interesting WWW hurricane sites for the technically inclined is the Atlantic Tropical Weather Center page. It is maintained by

Eric Blake, an atmospheric sciences major at Northeast Louisiana University. URL is http://banzai.neosoft.com/citylink/blake/tropical.html.

Many of the products referenced in this bulletin can be accessed from his site, including weather forecasts, hurricane reconnaissance flight data, satellite weather images, and more. This site links to a boggling array of

raw data and information.

You really can help keep this list current by sharing your additions, corrections and deletions. Cite source and include detailed info. Submit to either of the following:

Bill Snyder AA6KC
E-mail: aa6kc@scvnet.com
Amateur Packet: AA6KC@WB6WFH.#SOCA.CA.USA.NOAM
FAX: 805-254-2060
US Mail: 26033 Coronado Ct, Valencia, CA 91355-2142

Roger Pettengill
E-mail: rwp@westnet.com
Compuserve: 73300,1327
US Mail: 181 Main St, Highland Falls, NY 10928

[EOF]

132. Re: irc efnet

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: ar098@yfn.ysu.edu
Message-ID: <4tsihq$41b@news.ysu.edu>
Source record: 219758

In a previous article, jeffbat3@frontiernet.net (Jeff Bateman) says:

>Log onto any EFNET IRC server and stop in to #Monitor for scanning and
>swl chat and support. Nice group of people sharing info.
>Also #WUN support digital and utility listening. stop tonight.. we are
>waiting.
>
While you are in the EFNET Stop by the channel #HAMRADIO

This channel was made for all Hams and the like.

Tim Wright KD4OVM (resident channel op)

133. Re: They will never ask

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <3201DC1C.12BC@juno.com>
Source record: 219759
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Dan Finn wrote:
>
> Nah...it's just a sucker post based on generalities whose truth cannot
> ever be determined but can be argued ad infinatum. What are we
>
> getting into this kind of discussion. Do you think "Burt" believes
> half the things he writes?

If you do not think hams talk only about themselves make a contact
and say nothing about yourself UNTIL ASKED. You will hardly ever be asked.
Try it.

I believe everything I write 100%.

--
#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#================#===#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#===#

134. dl5NAZI

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <3201DD71.175B@juno.com>
Source record: 219760
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

moritz@ipers1.e-technik.uni-stuttgart.de wrote:

> The kind of trafik generated by Mr Burton Fisher here on the
> Net would simply and fortunately be *forbidden* over the air.
> Surely you followed his long flame war on german amateurs
> and nazis. There is nothing positive to such input, only
> may be for some brain-dead nationalists.

It what way will anything I have said be forbidden on the air?
Read "Hitlers Willing Executioners", a best seller in this country.
You will read that ordinary Germans made the holocaust possible.
You will read that even after Himmler ordered the killing of Jews to stop
ORDINARY Germans, like you, kept killing and torturing.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#================#===#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#===#

135. Re: They will never ask

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <3201DDFE.14E9@juno.com>
Source record: 219761
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.shortwave

```
Curt Phillips wrote:
>
> Not true, not true, not true.
> Often after I have been talking about my station for a while I'll
> say, "But enough about what *I* think... what do YOU think about my
> station."

You want to know what the other guy thinks about YOUR station.
You do not give a damn about his station.
You proved my point.
Thank you.

#================#=========================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | Mr. Happy should not be happy all the time. |
#================#=========================================================#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#=============================================================================#
```

136. Re: The "l" man is a ham HI HI

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <3201DE88.39AD@juno.com>
Source record: 219762
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.shortwave

```
Patrick Tatro wrote:
>
> This is a hobby of individual accomplishments.
> Many individuals in this hobby are not keen on
> group activities. As you can see most of the ï¿½Iï¿½

But do you ever ask the other guy what he does?

#================#=========================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | Mr. Happy should not be happy all the time. |
#================#=========================================================#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#=================================================================#
```

137. Re: VORTAC! (was: Re: Amateur RADAR?)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <Dvl2vp.Cnt@news.hawaii.edu>
Source record: 219763

Steven Sampson <Steven_Sampson@msn.com> wrote:
>Since the GPS has become fully operational, the other
>navigation modes have become obsolete.

Spoken like a true couch potato sailor. Don't *ever* go to sea with that type of attitude. When planning a transoceanic voyage you have to assume every piece of electronic gear will eventually get wet either due to condensation or breaking seas tossing a couple tons of sea water over the deck and into the cabin. Assume battery operated gear will also fail just when your life depends upon it.

You'd better take along a sextant, the Nautical Almanac, and the Sight Reduction Tables, and know how to use them. Don't even depend upon a handheld nav calculator. It will eventually get dropped into the bilge.

It's fine to be a danger to yourself, but do think twice about making such dangerous statements to others.

> Navigation can now be a completely
>passive thing.

You'd best stay on land.

Jeff KH2PZ / KH6

138. Re: SELECT-A-TENNA

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: Scott Ryan <crtoy@fyiowa.infi.net>
Message-ID: <4tsr6g$ata@nw101.infi.net>
Source record: 219764

The Select-A-Tenna works great for AM band. It will let you to null out strong local stations, which allows you to receive distant stations clearly. It also boosts reception.

I ordered mine from the C. Crane Company (they have a www adress) for around $80.00 I think.

139. Re: I wish more WIVES would take it up.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: Russell Wells <rwells@awod.com>
Message-ID: <4tstd2$rv6@battery.awod.com>
Source record: 219765

Thank you from every lady who may have thought about getting into
the hobby!!!! I really think you men should think a liy\ttle bit more
aout what you say ! why cant women be as smart as you are Ive already
built antennas for my equipment and I have had come ons from the guys
like you .We are all tired of people like you putting us down If you
listen and traet us with equality you just might learn something
sometimes you pigs really show your intelligence here .Comments like
your is what makes me totally sick ! women are as smart as men and our
brain capacity is larger thats why we can do anything that you guys can
do! I passed my test THe first time when I know 2 gentlemen who failed !
Thanks alot ......
L.Wells
KF4GYR

140. Re: Fuck You Jim You Low Life

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: anthonys@ix.netcom.com
Message-ID: <4ts79j$mq9@sjx-ixn6.ix.netcom.com>
Source record: 219766
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

In <4trnvk$1nn2@mule2.mindspring.com> rchalk@mindspring.com (Richard Chalk) writes:
>
>In article <3200F1F1.7856@ricochet.net>, shadow@ricochet.net wrote:
>>I can't express my thoughts
>>Get the hell out of here]
>>
>>WELL FUCK YOU ASS HOLE
>
>
>Nice to see that my kids can cruise these groups without having to put up with
>bad language...
>

Obviously this guy Richard was mis-named by his parents Chalk.
It should be Turd - first class, ...real rotten.

141. Montauk Point Lighthouse, AC2P

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: tomcar@newshost.li.net
Message-ID: <4tsq65$7nn@linet06.li.net>
Source record: 219767

Montauk Point, NY

The Long Island DX Assc. will operate the special event station
AC2P/200 from the Montauk Point Lighthouse located on the eastern
tip of Long Island (IOTA NA-026, USIA NY03S) from 1400z August 3
to 1900z August 4, (National Lighthouse Day) to celebrate the 200th
year of the Lighthouse.

Listen on 7.260, 14.260 and 21.260. CW as announced.

A color certificate will be available with an SASE for contact
with AC2P/200. QSL to Rich Tygar AC2P, CBA.

Also see August 1996 QST pages 26 and 97.

73
Rich AC2P
packet: ac2p@kc2fd.#nli.ny.usa
e-mail: rtygar@sufflok.lib.ny.us

142. Re: I wish more WIVES would take it up.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: Russell Wells <rwells@awod.com>
Message-ID: <4tsu2o$rv6@battery.awod.com>
Source record: 219768

Thanks from every woman that might have read your message . people like
you should go back to the CB freqs. YOUR intellegence is showing . So
you have this attitude about women ? I do not look like a dog.
Shovenistic men like you hit on women like me. We think your also not
loved .Women are tired of you who think this is some kind of boys club.
Women can do anything they put thier mind to . I passed my test the first
time I took it . Men I know havent passed it yet , Ive built antennas
For my station and if I dont know something I dont post it in a newsgroup
I find it for myself .
OPEN YOUR MIND NOT YOUR MOUTH !!!

L. WELLS
KF4GYR

143. Re: JAMMERS ON 2 METER

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: randolph@asic.enet.dec.com
Message-ID: <4tt3t8$mqr@mrnews.mro.dec.com>
Source record: 219769

Well, far be it from me to interrupt the coax pinning discussion, but here's a repeat of the simple DFer gadget article that I posted a while back... The more folks have some DF capability (even a very simple one), the less we'll have to put up with jammers.

```
O---+ 9V
9S---O->O ! + ! -
O---+---------!!---+
+------------------------+ ! ! !
! ! O---+ df gnd
! 555 timer chip ! +---O->O off
! +-------+ ! ! O-+ stdby
! .02 ! ! ! ! !
! +-!!-+ 5 4 +---------------+ gnd
! ! ! ! !
! gnd ! ! ! 4.7k 1k
+-------+ 6 3 +-----------------+-----RRRRR---+---RRRRR----+-----> coax to
R ! ! ! ! ! ! ant
R 15k ! ! ! ! --- !
+-------+ 7 2 +--------+ ! --- .001 !
R ! ! ! ! ! !
R 3K ! ! --- ! gnd !
+-------+ 8 1 +---+ --- .047 ! !
! ! +-+ ! ! ! ! !
9S +--+-+--+ gnd gnd R ---
R 10k / \ 1N914
R 9S ---
! ! !
! R !
where: ! ! R 510 !
---+--- +-----+ R !
! ! ! 1k !
is connected ! +-----+---RRRRR---+-----> coax to
! .001 ! ! ! radio
! ! 9S --- R !
------- ! ! --- R 510 ---
! ! R ! R \ / 1N914
is not connected ! 10k R gnd ! ---
! R gnd !
connect all points ! ! !
labeled "9S" ! +---RRRRR---+---RRRRR----+-----> coax to
together ! ! 4.7k ! 1k ant
! b !_- c ---
+----! --- .001
```

!-_ e !
2N2222 ! gnd
gnd

This is a DF circuit based on the article by K8DTS in May, 1993 QST. I recommend reading that article for hints on circuit operation and use. The 2N2222 can be any general purpose NPN transistor such as 2N3904, 2N4400, etc. I used a 2SC945 which is as common as dirt in old Japanese transistor radios. The 1N914s can be any low-capacitance signal diode, 1N4148 being an acceptable substitute. Don't use recitifier diodes. All capacitors are ceramic disc or monolithic, nothing real critical here. You might want to play with the .047 cap and the two resistors on the 555 if you'd like a different tone. See 555 apps notes. The switch is a DPDT w/ center off position. Set to "df" position for direction finding, "off" to shut everything off, "stdby" to connect one antenna continuously to the radio for just listening. The battery is the rectangular 9V transistor type. For antennas, I used two half-wave dipoles mounted at opposite ends of a half-wave-long stick, with the circuit board mounted in the middle. Make the two antenna coaxs the same length for proper phasing. The radio coax length is not critical. I just made mine long enough to reach the radio on my belt, with the stick held up at arm's length. Ground all the coax braids at the circuit board. Provide some sort of strain relief for the coax. You might want to put a .001 capacitor in the coax to the radio for DC blocking.

I've successfully found foxes using this circuit and an IC2AT, so it works!

==========
Tom Randolph N1OOQ NE-QRP 419 QRP-L 87 ARRL randolph@asic.enet.dec.com
==========

144. Re: HTX-202 doesn't like 5w through duckie

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: mikef@pacifier.com
Message-ID: <4tt8is$h9u@news.pacifier.com>
Source record: 219770

In article <4tqrs4$nbv@dailyplanet.wam.umd.edu>,
Scott Rosenfeld NF3I <ham@w3eax.umd.edu> wrote:
>>>>The HTX-202 does not like to be powered from 12 volt or greater
>>>>batteries because the built-in zenar diodes will tend to overheat.
>>
>>This is absolute nonsense. Check with the Project Engineer for the
>>HTX-202 before you re-print outdated, incorrect information in any
>>public forum.
>
>Maybe so. But the HTX-202 DOES NOT like 5 watts out of a rubber
>duck antenna. Can make the uProcessor go wacky.
>
Ahem ... that has not been my experience. I've run 5 watts using the HTX-202 and rubber ducks, stubby ducks, quarter-wave whips and 5/8-wave whips with absolutely no problem. The only time the processor went nuts was when I had the rubber duck right next to a metal window-frame. I suspect a lot of RF was reflected by the frame back at the radio. Turning the radio off and back on fixed the problem.

I have also had no problems leaving the external battery connected to the radio when operating from an external 12-volt supply. The rig does get a bit warm when transmitting at max power output.

--
Mike Freeman | Internet: mikef@pacifier.com
Amateur radio: K7UIJ | GEnie: M.Freeman11
/* PGP2.6.2 PUBLIC KEY available via finger or PGP key server */
.. Ask not for whom the <^G> tolls.

145. Re: They will never ask

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: jwkelley@e4e.oac.uci.edu
Message-ID: <4tt896$e89@news.service.uci.edu>
Source record: 219771
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.shortwave

In article <3201DDFE.14E9@juno.com>, Burt Fisher <kotzebue@juno.com> wrote:
>Curt Phillips wrote:

>> Not true, not true, not true.
>> Often after I have been talking about my station for a while I'll
>> say, "But enough about what *I* think... what do YOU think about my
>> station."

>You want to know what the other guy thinks about YOUR station.
>You do not give a damn about his station.
>You proved my point.
>Thank you.

Sounded like a joke to me, Burt. I laughed when I read it. Guess you
didn't catch on. That makes me laugh too! Yes, you proved a point, but
not the one you wanted to.

BTW - your comments to our German friend were uncalled for. Going for
"Ugly American of the Year" there Burt?

KE6JPO

146. Re: Antenna patterns for Comet, Diamond base station antennas?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: grhosler@mmm.com
Message-ID: <4ttalj$q66@dawn.mmm.com>
Source record: 219772
Cross-posted to: rec.radio.amateur.misc,alt.ham-radio.vhf-uhf

Steve Wolf <no8m@apk.net> wrote:

>> I've heard a lot of rumors surrounding these multi-band low-cost high-gain omni
>> base station antennas wrt beam uptilt, deep pattern nulls & overrated gain
>> specs. Has anyone actually performed an elevation beam pattern measurement on
>> either of these brands?

>Our Club repeater was treated to a brand new Diamond in the summer of
>.. I think 1992. Worst damn drought we ever had. Sucked the water
>right out of the air, it did. We know that's what caused our drought
>as the next year we had to replace it due to high SWR.

>In taking it apart, we found that the clips used to keep the different
>internal parts together were steel. They ended up being balls of rust.
>We then determined that the foam used was open cell. This allowed the
>water to be absorbed in to the foam ... which was next to the clips.

>Irregardless of the RF pattern, it sucked water so bad that it ruined
>the local farm economy. Backyard gardeners were heartbroken. We
>went back to our Telwave.

>This can be useful. I just bought a Diamond trunk lid mount for my
>car (maybe three weeks ago). My wife can't understand why my car
>looks better than hers. I just point to the rusted up screws ...
>Diamond strikes again ... sucking up all the water so it never rains on
>my car.

>Hard to believe that products that seem well designed and marketed
>can be so damn disappointing when actually in service.

>--
>73,
>Steve
> Internet: no8m@apk.net
> Amateur Radio: no8m@no8m.#neoh.oh.usa.na
> MSYS Mail List: msys-request@hamnet.org ('info' for title)

As soon as the 11 year cycle picks up again and we get a few more
DX-peditions, I expect that your moisture problems with the Diamond
will be a thing of the past. What hasn't been recognized by most in
the scientific field is that the ozone hole gets larger whenever a
DX-pedition happens. This is a result of all those two hole Alpha
amps in use. It really has nothing to do with CFC's and the like.
This won't help your drought problem, but at least your repeater will
work better. Just have to have your priorities straight!

73 de KN0Z Gary

Opinions expressed herein are my own and may not represent those of my employer.

147. Re: ARL message meanings? (ARL 69)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: Joe Giraudo <giraudo@sierra.net>
Message-ID: <32022B88.34C@sierra.net>
Source record: 219773

Anthony R. Gold wrote:
>
> In article <DvFIG4.CKM@world.std.com> wdr@world.std.com writes:
>
> > This one is a new proposal from one of the NTS head honchos, so it's
> > only on the latest lists, such as
> > ftp://ve7tcp.ampr.org/arrl/infoserv/fsd/radiogrm.txt
> > which I found via my local ARRL section's homepage's NTS page:
> > http://www.temples.com/arrl/emafield/nts.html
> >
> > SIXTY NINE Welcome to the _______. We are glad to have
> > you with us and hope you will enjoy the fun
> > and fellowship of the organization.
>
> It's in the current ARRL Operating Manual (edition 5 of March 1995 on
> page 17-154) that exact way, so I assume that the proposals have
> now been accepted.
>
> Regards,
> --
> Tony - G3SKR / AA2PM email: tgold@panix.com
> tgold@microvst.demon.co.uk
> packet: g3skr@n0ary.#nocal.ca.usa.na
I have seen this ARL Number used exclusively by the QCWA in welcoming new
members.

73 Joe N7JEH, Nevada SEC

148. HELP..RFI/EMI Toyota Pickup

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: Robert <rcollins@edcen.ehhs.cmich.edu>
Message-ID: <4ttlhn$46t@ramp2.tir.com>
Source record: 219774

Hello All,

I am having terrible troubles trying to cure the RFI/EMI in my both my HF and VHF radios in my 1985 Toyota Pickup...22REC engine, EFI. I have tried several things:

replacing spark plugs & wires, rotor cap and button...trying capacitors on the alternater, putting RF chokes on the electric fuel pump wires, ensuring that there are good grounds everywhere, grounding the fuel pump wires....

I am about out of ideas.....anyone have any suggestions??

rob n4yhd

149. Re: VORTAC! (was: Re: Amateur RADAR?)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: Steven_Sampson@msn.com
Message-ID: <00001fef+000048a3@msn.com>
Source record: 219775

Jeffrey Herman wrote:
>>
>> Steven Sampson <Steven_Sampson@msn.com> wrote:
>> Since the GPS has become fully operational, the other
>> navigation modes have become obsolete.
>>
>> Spoken like a true couch potato sailor. Don't *ever* go to sea with
>> that type of attitude.
>
>As a pilot let me interject a bit more common sense in to this
>navigation thing: The key is not to rely on any one piece of
>equipment. That's it.

First of all, the conversation had nothing to do with sailing, or flying. The person proposed moving the VOR and TACAN navigation tools to the Ham bands. My response should have been taken in that context.

Would you fly using Amateur navigation tools? Would you sail using Amateur navigation tools? Would you trust a passive GPS only solution over a series of Amateur sites? Let's get into perspective here.

I've crossed the Atlantic probably 100 times. You fly east. With a 707 you can fly direct by just noting the position of the Sun. You can shut everything else off. Flying over land above or in the soup is no different, it's all based on time, speed, wind and heading. When the clock strikes 3pm, you pull the engines back to idle, and somewhere below you is Chicago... The need for precision navigation in flying and shipping is merely a fuel and coordination problem. Once the Free Flight rules go into effect, the pilots workload will drop tremendously. They will use TCAS, GPS, and Radar to do their job. There's even a nice ground radar device that shows segments of ground altitude. The segment being red means the terrain is above, yellow means it's within 3kft, and green means well below. Free Flight will allow the airlines to launch and fly anywhere they want to get to their destination. No longer are they restricted to an 8 mile wide air route with hundreds of waypoints and restricted to an altitude. Precision will just go away outside the airport zone. DGPS will be used to land. There just won't be any secondary tools outside of the useful beacons, and INS.

Steve

150. Re: JAMMERS ON 2 METER

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: jdc@cci.com
Message-ID: <Dvls0y.2vp@sunsrvr6.cci.com>
Source record: 219776

In article <4tc2rj$qn2@lehi.kuentos.guam.net>,
Jim Kehler <pacrimgolf@kuentos.guam.net> wrote:
>...
>the result of a civil law suit ? Is there a special radio prison for
>bad hams ?

Yes, it's called a condominium...

73..Jim

>
>73, Jim KH2D
>
>

151. Re: ARL message meanings? (ARL 69)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: n1ist@netcom.com
Message-ID: <n1istDvJ0w9.K4M@netcom.com>
Source record: 219777

In article <32022B88.34C@sierra.net> Joe Giraudo <giraudo@sierra.net> writes:
-Anthony R. Gold wrote:
->
-> In article <DvFIG4.CKM@world.std.com> wdr@world.std.com writes:
[ARL SIXTY NINE?]

-I have seen this ARL Number used exclusively by the QCWA in welcoming new
-members.

Actually, it was created for Ted Sharp (K6UYK) of the SSA (Soaring Society of
America - a glider group), however, more and more organizations are
starting to use it...

/mike
--
\|/ Michael L. Ardai N1IST n1ist@netcom.com \|/
-*- === Boston Amateur Radio Club: http://www.barc.org/barc === -*-
/|\ or send "info barc-list" to listserv@netcom.com /|\

152. ---> tubes <--- what have I got?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: ccrawford@hcc-uky.campus.mci.net
Message-ID: <ccrawford-0208961513270001@s16-pm01.hcc-uky.campus.mci.net>
Source record: 219778

I am a SW listener so I don't know much about radio/tv vacuum tubes.

My mom moved and found in her attic boxes of vacuum tubes. She wants (and
I want) to find out what we've got. Are these things useful now? Will
somebody want to buy them?

label tube approx. quantity
Raytheon 6Q7 52
1U4 30
1LE3 8
7X6 60
7X7 16
6F6G 55

Sylvania 50A5 14
14B6 5
14A7 5
35Y4 18
35L6/GT 27

Ken Rad 1U4 10

Phillips 14A7 ??

Philco 7B7 ??

"vacuum can tubes" that's all I know how to describe them
Ratheon with the numbers: 6C 8762 A LE4 1005 CD1005
JAN-CRP-1005 VT195
I have about 35 of these

There are another 9 boxes of tubes I have not even looked at yet.

Help!!

Charles P. Crawford
1763 Turnagain Drive
Henderson KY 42420

please e-mail. I don't normally read these rec. groups

--
"I was so much older then, I'm younger than that now."
B. Dylan

153. how to put freq in the memory in a ft-470

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: dct@bright.net
Message-ID: <4tt4im$rvs@cletus.bright.net>
Source record: 219779

I bought a used ft-470 and i cant figure out how to put the freq's in the memory.

thanks,
Chris

154. Re: They will never ask

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: rickets@earthlink.com
Message-ID: <4ttfo0$bet@bolivia.it.earthlink.net>
Source record: 219780
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.shortwave

jwkelley@e4e.oac.uci.edu (James W. KELLEY) wrote:

>In article <3201DDFE.14E9@juno.com>, Burt Fisher <kotzebue@juno.com> wrote:
>>Curt Phillips wrote:

>>> Not true, not true, not true.
>>> Often after I have been talking about my station for a while I'll
>>> say, "But enough about what *I* think... what do YOU think about my
>>> station."

>>You want to know what the other guy thinks about YOUR station.
>>You do not give a damn about his station.
>>You proved my point.
>>Thank you.

>Sounded like a joke to me, Burt. I laughed when I read it. Guess you
>didn't catch on. That makes me laugh too! Yes, you proved a point, but
>not the one you wanted to.

>BTW - your comments to our German friend were uncalled for. Going for
>"Ugly American of the Year" there Burt?

>KE6JPO
Tonight at 8, be sure to catch the dry wit of Curt and Burt, as they
trade wacky barbs as only they can...
Dave Rickmers
rickets@earthlink.com

155. Re: Duplex on CB? CB Repeaters?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: "C. Wheeler" <cwheeler@ccnet.com>
Message-ID: <4ttmhu$nk5@gaudi.lahabra.chevron.com>
Source record: 219781
Cross-posted to: rec.radio.cb,rec.radio.amateur.misc

jherman@Hawaii.Edu (Jeffrey Herman) wrote:

>C. Wheeler <cwheeler@ccnet.com> wrote:
>>A copy of the "CB Rules" of part 95 is still required to be packaged with
>>every CB sold.
>>
>>These rules don't clearly explain "why" you can't have a CB repeater. I
>>guess that it can be infered that repeaters are not used in a
>>"...private, two-way, short distance communications service..."

>Internal changes would have to be performed to the radio to make it a
>repeater. Part 95 prohibits that.

Internal changes to a tranmsitter....that's right. But I bet I could make a repeater station out of two Cobra 148 GTLs without having to take the covers of either one (I beleive I still have one of those in my garage - which is why I use that model as an example). To makes thing easier, I could use any radio that covers 27 MHz for a receiver - which I can modify all I want.

I think the only thing that makes a CB repeater illegal is that, under interpretations of part 95, it would be considered radio remote control of a CB transmitter - which is a no-no. But in addition there is nothing in part 95 that "authorizes" repeater stations. Under amateur and GMRS rules, repeaters are specifically defined and specifically authorized for use in those services.

Curtis

156. Re: Fuck You Jim You Low Life

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: "C. Wheeler" <cwheeler@ccnet.com>
Message-ID: <4ttmuc$o37@gaudi.lahabra.chevron.com>
Source record: 219782
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

>In article <3200F1F1.7856@ricochet.net>, shadow@ricochet.net wrote:
>>I can't express my thoughts
>>Get the hell out of here]
>>
>>WELL FUCK YOU ASS HOLE

I really don't think this is proper...

Shouldn't there be a comma between "fuck you" and "ass hole"?

;)

157. Re: They will never ask

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <320290FE.436D@juno.com>
Source record: 219783
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.shortwave

James W. KELLEY wrote:
>
> >You want to know what the other guy thinks about YOUR station.
> >You do not give a damn about his station.
> >You proved my point.
> >Thank you.
>
> Sounded like a joke to me, Burt. I laughed when I read it. Guess you
> didn't catch on. That makes me laugh too! Yes, you proved a point, but
> not the one you wanted to.

If he were not a ham I would agree with you. I looked to see
what newsgroup I was on and figured hams do not joke.

> BTW - your comments to our German friend were uncalled for. Going for
> "Ugly American of the Year" there Burt?

Read the book, "Hitlers Willing Executioners."
It is inate to MOST Germans to think they are the master race.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#================#===#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#===#

158. Re: BEWARE OF JON VAN ALLEN, KF7YN, IN SALT LAKE CITY

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <3202915A.B5A@juno.com>
Source record: 219784

Tim English wrote:

> Lesson learned here ? DONT TRUST ANYONE anymore. Hams will rip you off as much
> as the next guy so BEWARE !

Actually I find hams to be more honest than most.
Boring, fat, dull, white, lazy but honest.

```
#================#=========================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | Mr. Happy should not be happy all the time. |
#================#=========================================================#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#=============================================================================#
```

159. ARLP032 Propagation de KT7H

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: w1aw@arrl.org
Message-ID: <$arlp032.1996@arrl.org>
Source record: 219785
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB PROP @ ARL $ARLP032
ARLP032 Propagation de KT7H

ZCZC AP52
QST de W1AW
Propagation Forecast Bulletin 32 ARLP032
From Tad Cook, KT7H
Seattle, WA August 2, 1996
To all radio amateurs

SB PROP ARL ARLP032
ARLP032 Propagation de KT7H

Last week in ARLP031 we reported the solar flux on July 24 was
66.7. It was really 66.2.

Solar activity has taken a jump this week, due to the return of
solar region 7978. The average solar flux was up about 10 points,
and the flux is peaking now above 80.

Geomagnetic activity is also up, with the K index reaching four on
July 29 and 31.

Watch for solar flux to stay around or above 80 for the next few
days, dropping down below 70 by August 9. It should rise up to 70
around August 22.

During this period 20 meters should be the best band during the
day, and 40 meters at night.

Sunspot Numbers for July 25 through 31 were 0, 11, 13, 16, 22, 28
and 34, with a mean of 17.7. 10.7 cm flux was 68.2, 70.2, 73.3,
75.5, 77.9, 79.9, and 80.2, with a mean of 75.
NNNN
/EX

160. JAMMERS ON 2 METER

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: wakirsanoff@anet.rockwell.COM
Message-ID: <9607028390.AA839007932@ccmail.anatcp.rockwell.com>
Source record: 219786

On Date: Sat, 27 Jul 1996 02:34:48 GMT
pacrimgolf@kuentos.guam.net (Jim Kehler) wrote:

adell@planet.net (Steve - KF2TI) Landing, NJ wrote:

>>Actually, the was a case a yar or two ago, where a california based
>>repaeter club sued and won against a known
>>jammer. the fool actually went back on the air and is currently in
>>jail.

>>I am sure some one out there in internet land has more details

>>just my way of contributing

>>steve

>I don't follow all the current legal discussions in the ham groups,
>but this one has me a bit confused. Hopefully, as Steve says, maybe
>someone 'out there in internet land' has more information.

>Here's my question: If a repeater group 'sued a known jammer', I
>assume it would be a civil suit (as opposed to a criminal suit) unless
>the U.S. has gotten so law suit happy now that individuals can file
>criminal charges against each other. So how do people go to jail as
>the result of a civil law suit ? Is there a special radio prison for
>bad hams ?

>73, Jim KH2D

I am a little behind in my reading, sorry if this has already been
answered. As I recall, the civil case included issuance of a
restraining order. Violation of the restraining order is a criminal
act. That could have put the guy in jail. Real unfortunate. Until the
fuss started, he was a good control op with a great set of pipes. He
should be doing commercial voice overs. Oh well . . .

73

wak

Wm. A. Kirsanoff Internet: wakirsanoff@anet.rockwell.com
Rockwell International Ham: KD6MCI
(This week)
(714) 762-2872

Who are you? * I am number 2. * Who is number 1? * You are number 6.
---

161. Re: Macintosh & Packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: David Kelly <dkelly@hiwaay.net>
Message-ID: <3202A202.15FB7483@hiwaay.net>
Source record: 219787

Stanley Schroeder wrote:
>
> I'm in the process of setting up a packet station, and if possible I
> would like to use an old Mac 512 KE. I just need to get a TNC and the
> software. I'm just using an old "Standard" 2 channel crystal radio which
> I want to set to my local HAM club's packet station, so for right now I'm
> not looking for anything fancy. If all else fails, I have an old "dumb"
> terminal which I can use instead of the Mac, but I am a long time Mac
> user, so I would like to use the Mac. (If need be I could upgrade the 512

I used VersatermPro for most everything serial on my Mac. ZTerm works good
also. There was a shareware dedicated packet program out. Forgot its name.
Same guys did Savant, a commercial KISS-mode Mac AX.25 program. And there
still might be a version of NET_Mac running around that runs on the 512k.
Upgrading to 1M or more and SCSI isn't a bad idea.

--
David Kelly N4HHE, dkelly@tomcat1.tbe.com (wk), dkelly@hiwaay.net (hm)
==========
The human mind ordinarily operates at only ten percent of its
capacity -- the rest is overhead for the operating system.

162. Re: Recommendation for a glass mount 2m/440?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: o10022@a81.corp.mot.com
Message-ID: <1996Aug2.221058.8090@schbbs.mot.com>
Source record: 219788

In article <32007431.7219@kellnet.com> Bob Sull <wa8imo@kellnet.com>
writes:
> Jonathan David Bhatia wrote:
> >

snip
>
> I have the Larsen KG2/70 on the rear window of my '94 T-Bird.
Works pretty well,
> BUT.....
>
> I run a Yaesu FT-5200, 50 W on 144 and 35 W on 440. When on high
power on 144 and I'm
> using cruise control and I press the PTT sw, the cruise shuts down
till I release the
> PTT. Sorta like pressing the coast switch.....
>
> I talked with the Chrysler guys at Dayton and was told that the
majority of problems are
> associated with glass mount antennae. I got a mobile radio
installation guidline
> pamphlet from Ford and the list of antennae had the glass mount
listed as least
> desirable.
>
> OK, I also have a '95 T-Bird. I have an Alinco DR-610-T in it.
Same power on 144. The
> antenna is a Larsen 2/70 NMO on a trunk lip mount. I don't
experience the cruise
> problem.
>

For what it's worth, I use the Larsen KG2/70 With a Standard *xxx
(mental block - can't remember the number), 50W on 2m and 35 on 70cm.
I've observed no problems with it effecting, or being affected by,
electronics in my '95 Toyota T100 pickup.

Tony KC7HDT

163. Re: They will never ask

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: Joesph Fenn <jfenn@spartacus.hula.net>
Message-ID: <Pine.OSF.3.93.960802143641.18204E-100000@spartacus.hula.net>
Source record: 219789
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

On Wed, 31 Jul 1996, Jake Brodsky wrote:

(complain mode on)

Though I frequently disagree with Burt's point of view (not to mention
his presentation) I think he has a *very* valid pet peeve here. The
art of conversation in Ham Radio is not only dead, it has mutated to
pointlessness. I miss the old days of the Rag Chewer's Club. I miss
the variety of conversation. The bands are filled with inane and
"hi-bye" contacts which last for over an hour.

You hit that nail rite on the head Jake. Thats why I havent been on
the ham bands much in past 15 years. Originally got my "Rag Chewers
Club" certificate from ARRL in 1937. Did a 5 hours QSO wid a guy
in South Miami to qualify (all cw). I lived in N. Miami at the time.
Will never see the likes of those days again [:(I guess.
Joe KH6JF

164. Re: MSYS

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: kproctor@ix.netcom.com
Message-ID: <32029317.81559972@nntp.ix.netcom.com>
Source record: 219790

On 2 Aug 1996 00:51:54 GMT, mike_j@ix.netcom.com(Michael P. ("Jug")
Jogoleff, WA6MBZ) wrote:

>Hi all
>Say, does anyone out there know when MSYS for windows might be coming
>out. Version 1.19 is stable but a Windows version might be able to
>do alot more. So, if you know, post something for all of us to read.
>
>73 de "Jug" WA6MBZ ..._._ . .
>--
>
I wish I did, Mike. I'm using 1.19 as well, and would really like to
have a windows version. I don't know if you are running Win 95, but
1.19 runs quite well under 95, in a window. I never could get it to
run in a window under 3.1.

Kevin N0OAS/AAR8GF
"Let us all be gentlmen, for as it has been said,Blondes prefer gentlemen."

165. Re: BEWARE OF JON VAN ALLEN, KF7YN, IN SALT LAKE CITY

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: dx@tir.com
Message-ID: <3201f462.7354103@news.tir.com>
Source record: 219791

Lesson learned here ? DONT TRUST ANYONE anymore. Hams will rip you off as much as the next guy so BEWARE !

On 1 Aug 1996 18:52:43 GMT, clarke@aztec.asu.edu (JACK CLARKE) wrote:

:>
:>The following posting appeared last February.
:>
:>>Article #36730 (37332 is last):
:>>Newsgroups: rec.radio.scanner
:>>From: yonnie@sltrib.com (Jon Van Allen)
:>>Subject: WANTED DEAD OR ALIVE- OLDER BEARCAT SCANNERS
:>>Date: Wed Feb 28 21:49:37 1996
:>>
:>>Wanted, your old Bearcat 210, 220, 20/20, 250, 300 or 350
:>>scanners, working or not. Any of these old classics still
:>>out there? Maybe just collecting dust? Let me know if you
:>>have one relegated to the junk heap. Post here or via email
:>>yonnie@sisna.com
:>>
:>>Thanks, Jon
:>
:>
:>Seems innocent enough. We corresponded by e-mail and I told him
:>I had two Bearcat 250s that I had been planning on fixing but
:>wasn't really sure I had the knowledge so thought I would sell
:>them. He said all he could offer "sight unseen" was $20 each.
:>
:>To make a long story short, I sent them to him for evaluation with
:>the understanding that he would send me a check after he got a
:>chance to look at them. That was last April.
:>
:>Here is the e-mail I received from him just before I sent the
:>scanners to him. Pretty smooth, isn't he!
:>
:>>Thanks for the update. Your plan is fine with me, and I will give you a fair
:>>price once I have looked them over. I am an honest person, and you know
:>>Jack, I have not been burned yet dealing with people over the net on a basis
:>>of mutual honesty.
:>>
:>>I'll be glad to get them, thank you.
:>
:>I have sent e-mails requesting my money on May10th, June 11th,
:>and July 14th and got no reponse from him.
:>

:>We live and learn. Just felt an obligation to share this with you.
:>
:>
:>
:>Jack
:>in Mesa
:>--

166. Re: National NCX-3 Problems. Help!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: dslosty@usa.pipeline.com
Message-ID: <4ttn3p$l30@news1.t1.usa.pipeline.com>
Source record: 219792

On Aug 01, 1996 18:09:33 in article <National NCX-3 Problems. Help!>,
'ez071906@dale.ucdavis.edu (John Thompson)' wrote:

>I have an old National NCX-3 HF Radio that is having some problems. I
>just bought this radio and do not know much about it. One problem is that

>it only puts out about 50 watts at best. I thought this radio should be
>capable of 100 watts. ? Also when I use the CW key, it puts out much
>less power than when I am using the Tune function. Another problem is
>that when I key the CW key the sound wavers at first before setteling on a

>pitch. The sound is not real clear and it changes.
>
>If you can help me with any of these problems PLEASE write me. Or if you
>can refer me to someone who can help that is fine too. Or if you happen
>to have a manual for this radio I could really use that also.
>
>Okay, thanks a lot!
>
>John
>WRITE TO: jmt2@juno.com

You probably have several problems including weak finals,
bad paper capacitors, etc. You'll just have laboriously
go thru the rig stage by stage. I used to have a NCX3 -
it was a good performer with a consistent 80 - 100 watts
output. I'm reworking a NCX5 now.

By the way, type 6JB6 tubes may be substituted for the 6GJ5 tubes
if the following is done: remove all wires to pin 8 of the socket (it's
being used
as a tie point) and relocate them to an isolated tie point. Then ground
socket pin
8. The two tube types are identical except that the suppressor grid of the
6GJ5
is grounded internally while in the 6JB6 the suppressor is brought out to
pin 8.
This conversion was done in the NCX5 Mark II by the factory.

A NCX3 manual is available thru W7FG Vintage Manuals
1-800-807-6146 for around $20. They also have a homepage on
the net.

Good luck and don't give up on the rig.
73,
Doug/WA1TUT

167. Re: Paging? CTCSS?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: "C. Wheeler" <cwheeler@ccnet.com>
Message-ID: <4ttois$o37@gaudi.lahabra.chevron.com>
Source record: 219793
Cross-posted to: rec.radio.cb,rec.radio.amateur.misc

wdr@world.std.com wrote:
>Rick wrote:
>> Anyway, I'd like to find out if there are any Citizens' Band handhelds
>> with either "paging" or CTCSS... just *some* way to make the unit stay
>> quiet until one is trying to reach the other.
>
>How about GMRS? That service (formerly one of the 4 CB bands, I forget
>which letter; 11m was only one of the 4 CB's) has repeaters and I thought
>they had PL/CTCSS and DCS/DTMF-page. GMRS still requires a license and
>membership in a local repeater, but I think one licesnse covers the
>whole family, no exam, etc. (So why do we need a Family Radio Service?
>I dunno, I think R/S thought the GMRS/React folks didn't want the 49Mhz
>crowd joining them.) It's designed friends-and-family use, and has been
>adopted by higher-profile REACT groups as well (you know, the socially
>useful CB'ers), who sponsor some of the repeaters.

CB is only one serivce under part 95 and are called "Personal Radio
Services". There are still four services within the Personal Radio
Services in part 95 - GMRS, CB, Radio Remote Control, and Interactive
Video and Data Service.

The new Family Service may be under part 95 as well...I haven't paid much
attention to that.

>As you note "yet", one solution is get them all TechMinus licenses.
>A pile of sealed HTX-202's and a pile of unwrapped "Now You're Talking"
>books from Radio Shack might get them motivated.

A solution to what? Is there a problem? I must have missed something.
Ham radio is for people who are interested in radio as a technical hobby
in addition to communications.

If people just want radios for talking to eachother - and not worry about
a lot of rules and technical stuff - The personal radio services,
including CB, are perfectly acceptable.

Curtis

168. This Week in Amateur Radio #175 (for air through 8/9/96)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: "Stephan M. Anderman" <sanderman@delphi.com>
Message-ID: <RDOTYqR.sanderman@delphi.com>
Source record: 219794

```
_/_/_/_/_/ _/ _/ _/_/_/ _/_/_/ _/_/_/
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-
Here is a summary of news items covered on edition #175 of
"This Week in Amateur Radio", North America's satellite-delivered
audio bulletin service, for the week ending 9-Aug:
-
1. Phase 3-D Satellite Launch Rescheduled for February 1997
2. Amateur Support of TWA Flight 800 Recovery Effort Ends
3. SAFEX 70 cm Repeater/Beacon on the Air from MIR Space Station
4. Houston AMSAT Net Audio Now Available on the Internet
5. Weekly Propagation Forecast
6. "Gateway 160 Meter Net Report" with Vern Jackson, WA0RCR
7. FCC to Allow Electronic Filing of Renewals and Modifications
8. Delays in License Processing Cut from 75 Days to "Overnight"
9. Commission Approves New Low Power Part 95 Service at 216 MHz
10. FCC Wants 23 Channels Returned After Conversion to Digital TV
11. IBM Takes Full Blame for Olympic Computer System Snafus
12. Special Event Station Calendar
13. ARRL Wins "Award of Excellence" for SAREX Participation
14. WB1HBB Resigns as NE Division Vice Director, Wife Injured
15. Second Young Kentucky Amateur Busted on Bogus Scanner Charge
16. Toby J. Metz, KB7UIM, Wins "Young Ham of the Year" Award
17. "The RAIN Dial-up" from Chicago
-
Funding for the program's transmission and production expense was
provided this week by a grant from the Stoddard Family of
North Webster, Indiana, and users of the N9SBH repeater system,
where "This Week in Amateur Radio" is heard in Elkhart, Warsaw, and
Ft. Wayne on 224.16 and 146.505 MHz.
-
"This Week in Amateur Radio" is a weekly amateur voice bulletin
service, produced by Community Video Associates, Inc., a New York
State not-for-profit corporation based in Albany, NY. The program
is heard on the "W0KIE Satellite Network" each Saturday at 9:00 PM
(EDT) on the Hughes Communications SBS-6 commercial communications
satellite, transponder 13B upper, located at 74 degrees west
longitude in equatorial geosynchronous orbit. The transponder
center frequency is 12.019 GHz; tune up in frequency to 12.031 GHz.
Program audio is on the 6.2 MHz analog subcarrier and carried on
VHF/UHF repeaters throughout North America and on 160 meters at 1860
```

kHz. Contact your local amateur radio club or repeater operator if "This Week in Amateur Radio" is not being heard in your area.
-
Production and transmission expenses are underwritten by donations from repeater operators, amateur radio clubs, and individuals. Further information is available from George Bowen, N2LQS, at 518/283-3665 (email kxkvi@delphi.com) or Stephan Anderman, WA3RKB, at 518/664-6809 (email sanderman@delphi.com). You may also reach them @ WA2UMX.FN32AW.ENY.NY.USA.NA via amateur packet.

169. MSYS

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: mike_j@ix.netcom.com
Message-ID: <4trjfa$7a3@dfw-ixnews7.ix.netcom.com>
Source record: 219795

Hi all
Say, does anyone out there know when MSYS for windows might be coming
out. Version 1.19 is stable but a Windows version might be able to
do alot more. So, if you know, post something for all of us to read.

73 de "Jug" WA6MBZ ..._._ . .
--

****
Name: Michael P. ("Jug") Jogoleff
Call: WA6MBZ
AX.25: WA6MBZ@K6TZ.#SOCA.CA.USA.NOAM
Phone: 805-966-4808, Message or FAX

Snail Mail: 1324 Panchita Place, Santa Barbara, CA 93103-2223
Grid Square: DM04DK
Position: 34.431415 Deg. North Latitude
-119.698060 Deg. West Longitude

E-Mail: mike_j@ix.netcom.com
103225.3614@compuserve.com
mike.j@worldnet.att.net

Monitor
Frequently: 52.920 MHz. -, 145.050 MHz. S, 146.790 MHz. -
223.920 MHz. -, 224.080 MHz. -, 224.120 MHz. -
446.400 MHz. -, 1284.050 MHz. -, 1286.200 MHz. -

Check in
Frequently: 223.920 MHz. Daily at 21:00 PLT.
3856.000 KHz. Daily at 20:00 PLT, LSB.

end
****

170. how to restore memory in ft-470?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: dct@bright.net
Message-ID: <4ts2ir$oko@cletus.bright.net>
Source record: 219796

Does any body know how to restore the memory i tried a mod and it cleared the memory also does anybody know how to put in the freq 148.15 it won't work the radio is cap modified.

Thanks,
Chris

171. Re: homepage revised

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: rob@pe1chl.ampr.org
Message-ID: <DvIGw8.4EH@pe1chl.ampr.org>
Source record: 219797
Cross-posted to: rec.ham-radio.swap,alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,fidonet.ham,rec.ham-radio,rec.ham-radio.packet,rec.ham-radio.swap,slac.rec.ham_radio,su.org.ham-radio,swb.lists.linux.hams,rec.radio.swap,tnn.radio.amateur,uwarwick.societies.amateur-radio

In <3200FE03.3A4D@mail.wdn.com> "Bernie McClenny, WR3E" <bernie.mcclenny@mail.wdn.com> writes:

>Ken Bessler wrote:
>>
>> Dave Booth wrote:
>> >
>> > I just revised my homepage if you want to check it out.
>> > new stuff!
>> > --
>> > Dave Booth
>> > kc6wfs
>>
>> I am always ready to surf....However I do need a URL....:-)

>This is my first reply to a news group. What does this have to do with
>DX. I have been reading the rec.radio.amateur.dx stuff for about a week
>now and notice little DX info is reported here. Is this intended to be a
>source for DX? If not let me know so I can stop wasting my time. de
>Bernie, WR3E.

You have noticed a common usenet problem... some 20.000 newsgroups
were created for discussion about many different topics, yet some
people cannot be bothered to check if their posting matches the topic
of the newsgroup before posting.
The result is often called "noise", and the "signal/noise ratio" of a
newsgroup can be varying, much like the s/n ratio when receiving a DX
station.

Then there are those loud mouth postings, like Dave's. Those guys want
to let the world know they have something *very important* to tell, and
post it in as many newsgroups they can think of. Those postings are
allmost certainly off-topic.

I'm afraid it is difficult to overcome. You will just have to live
with it, and select news software that allows you to quickly skim
articles to see if they are in the "signal" or in the "noise" category.
Some news software will also allow you to automatically skip articles
that are posted to many newsgroups. That will help you to avoid some
of the utter garbage (like "visit my page!" or "make money fast!").

73,
Rob
--
+-----------------------------------+---------------------------------------+
| Rob Janssen pe1chl@amsat.org | BBS: +31-302870036 (2300-0730 local) |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+-----------------------------------+---------------------------------------+

172. History of Morse question

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: bill.shymanski@mwcs.mb.ca
Message-ID: <8C5A49E.03BB001639.uuout@mwcs.mb.ca>
Source record: 219798

Without starting a horrendous long thread: can anyone tell me when hand-sent "common carrier" landline telegraphy flourished ?
Are there any land-line telegraph networks still extant that use hand-sent code or that rely on "by ear" code recognition ? I get the impression that the 5 level Baudot teletype is a pretty ancient technology, possibly going back to the '20s or earlier...can anyone tell me when machine-codes replaced hand-sent codes in commercial service ?

Perhaps it would be more bandwidth-conserving if responses were E-mailed; if I get more than a few responses I'll post a summary.

73,

Bill VE4STW

bill.shymanski@mwcs.mb.ca

(And I'm confining this to landline telegraphy only. I know perfectly well that on radio "Morse Code is Good For You", that "Morse Keeps the Riff Raff Out", that "Morse Gets Through When Nothing Else Can", that "I Had to Learn It and So Must You", and that " I Would Surely Have Died Had I Not Sent For Help by Tapping the Wires Together", and that aliens in flying saucers can't decipher code at all.)

173. Re: Fuck You Jim You Low Life

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: "Gary L. Sanders" <gls_sma@ix.netcom.com>
Message-ID: <3202F464.16B8@ix.netcom.com>
Source record: 219799
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

No, not a comma, a condom!

C. Wheeler wrote:
>
> >In article <3200F1F1.7856@ricochet.net>, shadow@ricochet.net wrote:
> >>I can't express my thoughts
> >>Get the hell out of here]
> >>
> >>WELL FUCK YOU ASS HOLE
>
> I really don't think this is proper...
>
> Shouldn't there be a comma between "fuck you" and "ass hole"?
>
> ;)

--
Gary L. Sanders, V.P. Engineering
Sanders Media Adventures, Inc.
Video Design Consulting
C-MAC/SMA Active, Hybrid Video Filters
http://ourworld.compuserve.com/homepages/gls_sma
phone/fax (408) 279-5118

174. Re: homepage revised

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: Vesa.Tervo@nmp.nokia.com
Message-ID: <4ts7n5$iqc@nmp02.nmp.nokia.com>
Source record: 219800
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.ham-radio.packet,rec.ham-radio.swap

In article <31FFFC41.3F54@pactitle.com>, booth@pactitle.com says...
>
>I just revised my homepage if you want to check it out.
>new stuff!

This might also be of some interest:

http://www.geocities.com/CapeCanaveral/3491/

73 de Wes :)

175. Re: BEAM HEADINGS MAP?Beam headings map?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: AD1C@tiac.net
Message-ID: <4trohp$4ue@news-old.tiac.net>
Source record: 219801

Look for a program called something like AZPROJ

--
Jim Reisert <AD1C@tiac.net>
http://www.tiac.net/users/ad1c/

176. DR570 Mod? Anyone have it?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: Ken <kenproffitt@ecu.campus.mci.net>
Message-ID: <01bb802e$ec495360$32d29bce@kenproffitt.ecu>
Source record: 219802

I am looking for the power setting modification for at DR-570 Alinco dual bander mobile radio. If you know where I may find it, please email me at kenproffitt@ecu.campus.mci.net.

Thanks and 73's, KE4RQF, Ken

177. Re: Antenna patterns for Comet, Diamond base station antennas?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: peter@mugca.cc.monash.edu.au
Message-ID: <4trkpe$gl7@mugca.cc.monash.edu.au>
Source record: 219849
Cross-posted to: rec.radio.amateur.misc,alt.ham-radio.vhf-uhf

no6b@no6b.jpl.nasa.gov (Bob Dengler) writes:

>I've heard a lot of rumors surrounding these multi-band low-cost high-gain omni
>base station antennas wrt beam uptilt, deep pattern nulls & overrated gain
>specs. Has anyone actually performed an elevation beam pattern measurement on
>either of these brands?

>Bob NO6B (KE6TZF)

There was an article examining a number of such antennas recently in
VHF Communications magazine (from the UK). I do not have the details
here, but the results were fairly poor from memory. SOme had
reasonable patterns, but gain was around 4 dB below that claimed
(again, relying on my memory).

Peter
VK3KAI

178. testing ein zwei drei

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: mike_j@ix.netcom.com
Message-ID: <4trk23$j0o@sjx-ixn5.ix.netcom.com>
Source record: 219850

```
This is a test.
Esta es una prueba
Das ist eine pruefueng
C'est un examen.
--

******************************************************************************
Name: Michael P. ("Jug") Jogoleff
Call: WA6MBZ
AX.25: WA6MBZ@K6TZ.#SOCA.CA.USA.NOAM
Phone: 805-966-4808, Message or FAX

Snail Mail: 1324 Panchita Place, Santa Barbara, CA 93103-2223
Grid Square: DM04DK
Position: 34.431415 Deg. North Latitude
-119.698060 Deg. West Longitude

E-Mail: mike_j@ix.netcom.com
103225.3614@compuserve.com
mike.j@worldnet.att.net

Monitor
Frequently: 52.920 MHz. -, 145.050 MHz. S, 146.790 MHz. -
223.920 MHz. -, 224.080 MHz. -, 224.120 MHz. -
446.400 MHz. -, 1284.050 MHz. -, 1286.200 MHz. -

Check in
Frequently: 223.920 MHz. Daily at 21:00 PLT.
3856.000 KHz. Daily at 20:00 PLT, LSB.

end
******************************************************************************
```

179. ** New England Ham - Electronic Fleamarket Dates ** August ** Update

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: w1gsl@athena.mit.edu
Message-ID: <4trvsc$rui@senator-bedfellow.MIT.EDU>
Source record: 219851
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.info,sci.electronics.misc,sci.electronics.equipment,ne.forsale

```
New England Area Ham - Electronic Flea Market *** DATES *** 1996 P 1 of 2
All events are Ham Radio/ Electronic related except ~_____~
*******************************************************************************
1996 Contact Source
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
2,3 Aug Charlotte VT BARC 3PM Fri -> $5 + camping Ralph KD1R 802 878 6454 F

4 Aug Wellesley MA WARS@Babson PepsiPav $2@9$10@7 Barb N1ICQ 617 329 2628 F

10 Aug St Albans ME @ Snow Mobile Club Hitch K1HHC 207 796 2282 +

18 Aug Cambridge MA FLEA at MIT Nick 617 253 3776 F+
3rd Sunday Each Month April thru October +
***** Back in our traditional Garage location ... covered tailgate +
space is again available for everyone !!!! **** +

18 August Yonkers NY WECA Thomas WB2NHC 914 769 1486 A

24 Aug Gardner MA Mohawk ARC John WF1L 508 249 5905 A

25 Aug Yonkers NY YARC John WB2AUL 914 969 6548 A

25 Aug Vernon CT East V-UHF Conf FLEA $5@8 @QualInn Mark N1LZC 413 566 2445 F

25 Aug Adams MA NoBARC @FG s@7 b@8 Adrian N1JWO 413 458 8219 +

31 Aug Gardner MA MARC @Drive-in S$5@6 B$2@8 Paul N1IPG 508 632 9432

4-7 Sept Rochester NY Antique WA Conf @Thwy Marriott Joyce 607 739 5443

7 Sept Falmouth MA FARA auction s@8 b@10 @MethodistCh Jo N1LNE 508 548 1121

7 Sept Windsor ME AARA @Fairground Frank N1ITR 207 623 9217 +

8 Sept S Dartmouth MA SE MassARA @club $2@9 $10/S Bill K1IBR 508 996 2969 F

Brewster NY Pearlfest **CANCELLED THIS YEAR** Shirly N2SKP 914 736 3558 +

8 Sept Woodbury NY LIMARC Mark NK2T 516 796 2366 A

14 Sept Ballston Spa NY SCRACES 7A $4-5 Ti147.84- Lenny N2KKP 518 885 4933 +

15 Sept Cambridge MA FLEA at MIT Nick 617 253 3776 F

15 Sept Newtown CT CARA @Town Hall rt6 $4@9 $10/T@7 John N2DVX 203 438 6782 F

21 Sept Forestdale RI RIFMRS @VFW rt146 8A flea+auct Rick K1KYI 401 725 7595

21 Sept Randolph Ctr VT CVARC @TechCol I89x4 $4@8 Tom WA1YNU 802 244 7836 F+
```

21 Sept Lincoln ME Bagley ARC @Ella Burr school Don N1JNK 207 723 4205 A+

29 Sept Yonkers NY Metro70 @Lincoln HS $25/T@7 $6@9 Otto WB2SLQ 914 969 1053 F

29 Sept Framingham MA @ HS $14@8 $10tg $3@9 Martin AA1ON 508 435 0564 F

4,5 Oct Rochester NH Hoss Traders @FG x13 rt16 $20@9A $5@3PM fri Joe K1RQG

5,6 Oct Boxboro MA ARRL NE DivConv $7B+$9/S/Day Anthnoy WA1MWN 617 334 5770 F
~~~~~~
LAST UPDATE 7-29-96 de W1GSL P 1 of 2
****
Additions/ Corrections via Internet w1gsl@mit.edu
SASE for updated copy. TCPIP w1gsl@gw.w1mx.ampr.org
AX.25 w1gsl@wa1phy.#ema.ma.usa
(c)1996 W1GSL US Mail W1GSL POB 397082 MIT Br Cambridge MA 02139
P 2 of 2
~~~~~~
1996 Contact Source
~~~~~~
6 Oct Woodbury NY LIMARC Mark NK2T 516 796 2366 A

13 Oct Durham CT NUTMEG CT Conv @FG $5@9 $10/tg@4pSat Kit N1MCC 860 873 2798 F

13 Oct Queens NY @HallofScience 47-01 111st $5@9 Arnie WB2YXB 718 343 0172 A

20 Oct Cambridge MA FLEA at MIT Nick 617 253 3776 F
3rd Sunday Each Month April thru October

20 Oct Melville LI NY RCARC n2mdq@li.net Steve N2MDQ 516-584-5909 A

26 Oct Plymouth MA Mayflower RC @Mem Hall 9-3 sell@8 Jon WS1K 508 746-0162

26 Oct Nashua NH NE Antique RC $5@8 $1@9 @ Res Ctr Church 617 923 2665

26.27 Oct Waltham MA Photographica 10-5 $5 ~photo~ (bef 9PM) Ed 617 965 0807

27 Oct Southwick MA HCRA @RecCtr $15/T $9tg $3@9 Barry N1IJK 413 747 7010 F
~~~~~~
1997 Contact Source
~~~~~~
18 Jan Nashua NH NE Antique RC $5@8 $1@9 @ Res Ctr Church 617 923 2665

19 Jan Yonkers NY Metro70 Otto WB2SLQ 914 969 1053 A

5,6 April Baltimore MD Hamboree @Timonium 8A- 800 HAM FEST A

13 April Southington CT SARA @HS $15/T@6:30 $3@9 Chet KA1ILH 860 628 9346 +

19 April Nashua NH NE Antique RC $5@8 $1@9 @ Res Ctr Church 617 923 2665 +

20 April Flea at MIT Nick 617 253 3776 F
Third Sunday -- April thru October

4 May Yonkers NY Metro70 Otto WB2SLQ 914 969 1053 A

18 May Flea at MIT Nick 617 253 3776 F
~~~~~~

30 May - 1 June Rochester NY ARRL Atlantic Conv Harold K2HC 716 424 7184 A

15 June Flea at MIT Nick 617 253 3776 F

19 July Nashua NH NE Antique RC $5@8 $1@9 @ Res Ctr Church 617 923 2665

20 July Flea at MIT Nick 617 253 3776 F

17 Aug Flea at MIT Nick 617 253 3776 F
~~~~~~
LAST UPDATE 7-29-96 de W1GSL P 2 of 2
Source F= Flyer T= tentative early info + = new info this month
A= ARRL V= VE list D= W1DL WR NV 73 CQ QST = Mags
This list has been compiled from many sources. While we believe the info to
be accurate the author can not be responsible for changes or errors.
Check with the sponsoring organizations for more details. This list will be
posted monthly to USENET. Mailed copies are sent when additions are made.
****
Additions/ Corrections via Internet w1gsl@mit.edu
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SASE for updated copy as issued.

New England Area Ham - Electronic Flea Market *** DATES *** 1996/97 ***

Page 3 Electronic distribution only. This page has the overflow if any P3
from the paper version.
****
1997 Contact Source
~~~~~~
21 Sept Flea at MIT Nick 617 253 3776 F
Third Sunday -- April thru October

28 Sept Yonkers NY Metro70 Otto WB2SLQ 914 969 1053 A

19 Oct Flea at MIT Nick 617 253 3776 F

25 Oct Nashua NH NE Antique RC $5@8 $1@9 @ Res Ctr Church 617 923 2665

LAST UPDATE 7-29-96 de W1GSL P 3
Additions/ Corrections via Internet w1gsl@mit.edu
SASE for updated copy. TCPIP w1gsl@gw.w1mx.ampr.org
AX.25 w1gsl@wa1phy.#ema.ma.usa
(c)1996 W1GSL US Mail W1GSL POB 397082 MIT Br Cambridge MA 02139
****

180. HTX-212 Help

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-02 00:00:00 UTC
From: dellmore@gmu.EDU
Message-ID: <32017848.596D@gmu.edu>
Source record: 219852

>
> Date: Wed, 31 Jul 1996 13:55:38 GMT
> From: afn35036@afn.org (Steve King)
> Subject: Radio Shack HTX-212 modification
>
> rong@southwind.net (Ronald Glanzer) wrote:
>
> >Does anyone now how to modify Radio Shacks 2m mobile radio (HTX-212) so
> >that you can store non-amateur radio frequencies in memory?
>
> I was more upset that I can't use a local repeater because the input
> is 5 kc below the 212's minimum xmit freq.
>
> Steve
> -------

Steve,

Take a look at the premiere issue of CQ VHF, Jan/Fef 1996 (CQVHF@aol.com). On page 56 there is a good review of the HTX-212. It is suggested you store frequency you can't transmit on in one of the two VFO memories. If you need to work a non-standard repeater configuration, you can make the changes through the built-in menu by extending the transmit coverage. If you can find it in your manual, try the author of the article Rich Moseson, NW2L or your Radio Shack salesman. I wish I could give you specific details but this should help. I haven't needed to make such changes to my HTX-212 configuration since I got it last weekend. All of the repeaters in my area follow the recommended ARRL guidelines.

7 3

Doug, N3XQP

181. Re: History of Morse question

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: Phil Sussman <pactor@pactor.com>
Message-ID: <3203244A.1CAC@pactor.com>
Source record: 219603

BILL SHYMANSKI wrote:
>
> Without starting a horrendous long thread: can anyone tell me when
> hand-sent "common carrier" landline telegraphy flourished ?
> Are there any land-line telegraph networks still extant that use
> hand-sent code or that rely on "by ear" code recognition ? I get the
> impression that the 5 level Baudot teletype is a pretty ancient
> technology, possibly going back to the '20s or earlier...can anyone
> tell me when machine-codes replaced hand-sent codes in commercial
> service ?
>
> Perhaps it would be more bandwidth-conserving if responses were
> E-mailed; if I get more than a few responses I'll post a summary.
>
> 73,
>
> Bill VE4STW

Hello Bill,

This is Phil, KB8LUJ. I used to do a lot of writing about this subject. Here are a few facts. Actually telegraphy goes back a long way before "wirelne common carrier", namely the ancient Greeks who used mirrors (day) and fire (night) to flash signals. In 1792, the Optical Telegraph (a system of poles and flags that rotated freely over a differential of 45 degree). The different positions on two flagged poles could represent about 8500 words. (92 pages of 92 words ea) The system was actually decommissioned just around the time of WW-I.

Now Volta discovered electric current about 1805 and Morse (who was actually an artist) got the idea for a signalling system he called the 'telegraph' in 1832. He received the patent in 1838. It was 1844 before he could convice people (ie Congress) of the benefit of his device. In 1855, Ed Hughes is credited with inventing a drum device to print messages. In about 1870, Roland (in Italy) used 60Hz AC to send 8 dispatches in parallel. Baudot, a Frenchman, invented Baudot code in 1877 (the Hughes device had 28 possible 'bits') and the Baudot system (went on line in Italy) could send two to four messages at one time (depending upon importance to the use of the wireline).

So, to technically answer your question, machine sent code started in 1792. Wireline, with Morse, in 1844 and 5 level (bit) Baudot in 1877.

By the start of the 20th Century (1900), Frank Pearne got Jay Morton (Morton Salt Co) interested in the printing telegraph and consulted with Charles Krum (who worked at Western Cold Storage, run by Mark Morton, Jay's borther ..Yeah, I know, Krum was an inventor, but he had to do something to earn a living.) Krum, and his son, Howard at first experimented unsuccessfully. In 1906 Pearne quit and became a teacher. Krum kept at it and in 1908 ran their first tests (Chicago and Alton RR) and concluded that mechanical was far better than 'hand'. They decided to make a 'complete' device. Although they had good results, they also found requirements 'exacting'. Morton paid the bills, which were sizeable. The equipment became more accurate and needed less mechanical attention.

Western Telegraph, the common carrier of the day, was very slow to abandon manual Morse. After all they could find many good Morse operators for very low wages.... It was in 1914, when Kent Cooper, of Associated Press (AP) asked Morkrum Co (the teleprinter company founded by Morton) to install one of their devices so that he would not have to send copy boys (messengers) to every Newspaper in NYC with a story.

The original 'teletype' was a converted Oliver Typewriter. In 1910 they had worked out and patented a synchronization process for their GreenCode printer. The idea of multiplex arrived in about 1917.. where parallel lines evolved. The first 'conventional' teletype was the Morkrum 11 of about 1919, followed by the Type-12 in 1924. Now Kleinschmit held printer patents, leading to the merger with Krum, into Morkrum-Kleinschmidt (later renamed Teletype Corporation) and the introduction of the 15-Type.

In 1930, the Bell System (AT&T) pooled resources with Teletype.

Any other questions?

73 de Phil - KB8LUJ

182. CW Learn Ideas

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: john@wd1v.mv.com
Message-ID: <john-0308960620520001@wd1v.mv.com>
Source record: 219604

This is becoming an increasingly common question as many "no-code" Technicians realize they can add more privileges to their license if they learn Morse Code. The following list of suggestions should be helpful in finding ways to approach the effort.

• Listen to code at a rate faster than you can copy.
• Participate in Novice-Roundup and/or Field Day. Practice whenever you get the chance!
• Avoid the "deciphering" plateau around 5 WPM and and character plateau at 10 WPM by listening to the fast Farnsworth-paced "beat" of each letter and the "beat" of common words. (See the question on Morse code speed for more information on Farnsworth pacing.)
• Practice to develop a "copy buffer" so you copy about 5 characters behind. (This is not easy but it's how the higher speeds are done.)
• Practice both with headphones and "open-air" copy as the code test may be in either format. (If you only practice one, you may fumble on the other.)
• Most of all, don't give up! Recognize when you reach plateaus and keep trying until you break through them.

The methods we use to learn MORSE are varied. Here are some different methods so instructors & students can see, choose, & try various ways as they practice, practice, practice. IF YOU GET STUCK WITH ONE METHOD THAT DOESN'T WORK - JUST TRY ANOTHER METHOD!

• From: K1KP @ KA1SRD.MA
This is what got me from 8 to 13 WPM in 3 days (and eventually to 20):
I made a tape of random 5-letter groups, Farnsworth spaced at abt 20 WPM characters. After each letter, I immediately spoke the letter on the tape. So when I listened to the tape, I heard the Morse character
immediately followed by the english character. I literally listened to
this tape night & day (including sleep) for 3 days and at the end of 3 days I could do over 13. If I heard a morse character, I would hear the
voice in my mind before I heard it from the tape. Try it!

• From: WB1O @ K1UGM.MA
Too many Novice classes these days seem to be geared to passing a test
rather than teaching newcomers to get on the air.
As a former cw instructor, I always subscribed to the Farnsworth method

of code .. i.e. .. 13 wpm with 5 wpm spacing .. that way, as each student
gradually progressed his/her speed, the "sounds" of the characters remained
the same. I guess one of the most important things to instill in your students is that code can be FUN.

• From: N1KGW @ KA1SRD
Do **NOT** let them see the code written out (ie) .- -.. etc...
The transition from indvidual dits & dahs to letter sounds is very hard.
If they learn didah is A they don't have to translate the individual sonds into
a code and then to a letter.

• From: WA1TBY @ K1UGM.MA
I usually send the characters at 18 wpm speed with long spacing in between letters. Have successfully completed two novice classes at the
Ward Elementary School in Newton by using this method and the kids are 4th,
5th and 6th graders. It is surprising how fast they catch on, passed 35 or
37 first year and 16 of 17 second year, all with cw ability.

• From: K1TVW @ KA1PEP.MA
1. Prepare the class to be CW Operators. Don't just prepare them to pass a 5 (or 13 or 20) WPM Morse Code receiving test. If Morse Code is presented as something they must learn so they can talk on the HF bands, the best you can hope for is a bunch of voice operators who just learned Morse Code to upgrade. Not everyone will like CW operation and thats fine, but by presenting it in a positive manner you'll be encouraging those that will eventually discover they enjoy CW operation.

2. Expose the class to a CW QSO at 25 WPM. Explain that this is their goal for CW operation. But, before reaching their goal they must learn to crawl (5 WPM), then learn to stand (13 WPM), then learn to walk (20 WPM). Do not mistake a slow QSO at 5, 10, or 15 WPM for real CW operation.

3. When the class has sufficient operating privileges, don't substitute tape or computer practice for real on-the-air operating. This is like learning how to swim without ever being in water. Form a MCW (code practice oscillator or side tone and an HT) net on VHF simplex or through a repeater. Novice and Tech+ operators should try to work HF CW to increase their code speed. Unscheduled QSO's with strangers are better than scheduled QSO's with friends.

4. Sending to a terminal unit with a Morse Code decoder (like a KAM) can be good sending practice to assure development of a sending style with sufficient character and word spacing. If the decoder can understand the Morse Code sent, then a human can. NEVER use one of these units to decode Morse Code during a QSO. Use it only to develop your sending style.

5. Of course, use the Farnsworth Method of learning Morse Code. I think the ARRL Morse Code tests use 17 WPM characters at 5 and 13 WPM average speed. You might consider extending this to using 27 WPM characters at 20 WPM average speed, although this is not done in the ARRL 20 WPM test.

• From: W1OG > K1EA:
The students should think in cw when ever they can ie: while
riding or
walking read all the signs to them selves. that is to say the
stop sign is
dit dit dit dah dah dah dah dit dah dah dit and so
forth. u know the
cars , billboards st signs etc. its surprising how quickly this
sticks
when u think in cw. language classes use this methode, speaking only
in in the language being taught. 73! GUS

• From: WD1V @ WB1DSW.NH
Suggest you change your mind and decide to FALL in LOVE with CODE!
Explore it. Not liking it is more of a hinderance to learning it
than anything
else. So what is there to like?
1) It is efficient - BW small and gets thru when other methods can't
2) It takes SKILL - a skill that you can learn and enjoy
learning and using
3) It stimulates your brain and your mind works differently when
you use it
for CW - focused concentration
4) It takes cheaper gear to have a CW QSO = more QSOs with the
rare ones...
5) It is an opportunity to express your self with a style and
recognize
different styles in others
6) CW ops are faster QSLers and are VERY polite and friendly people...
7) CW is musical and communicative at a primal level...exploring
that may
show us things about ourselves that we didn't recognize before
8) CW means you can operate silently - great for insomniacs that
don't wish
to wake others

• From: WA2RCB @ N3FOA.#EPA.PA.USA.NA
Hello! Another Idea I used to get my code speed up:
I would listen to the commercial CW stations when they

were sending ship traffic & WX reports. Beautiful CW
at 20-25 WPM at an hour a crack. One I used was station
CFH, on 8.697 Mhz. When not sending CW marker beacon, they
send interesting WX reports. many many CW from 8.1-9.0 Mhz
Try them on ur general coverage receiver.
In about 5 months, I was copying abt 35 WPM, problem I
had was going from commercial CW, to the cw on the ham
bands was a shock in comparason! Oh well...(*.*)

• From: AA2DN @ W2ODV
#1- BEG, BORROW, or STEAL a reciever and listen to code being
sent thats
FASTER copy

#2- Send license plates while standing on a street corner
waiting for the
light to change. Short exposure to nice random groups

#3- Practice sending on a straight key. Put the Bencher away until
you're ready to go out on 20 and put it to some REAL use.
Manually forming
characters helped me a great deal. Specifically, record your
sending as you
send text originated from sending a newspaper article backwards. It
shouldn't be to hard to send faster than being able to copy. Play the
tape back. Look at what you copied and read it backwards from
the paper.
See how accurate your copy is. Learn to send at the same time.

4#- Write down whatever you copy, GO ON WHEN YOU MISS ONE LETTER..

5#- Use the Farnsworth method. Use no visual cues.

#6- Enjoy your education. Learn a new, universal language. Ham
radio is a
hobby. If a hobby isn't fun, why bother with it..

• From: KB8GMP @ W8SP
After attaining a rudimentary knowledge of the code by whatever
means (arrl
tapes, hand practice, etc.) I got together with another person who was
learning cw. We would take turns sending a letter at a time at
about 13 or
so wpm. As soon as the 'receiver' spoke the letter, the next
was sent.
After a while, we could do the same thing with whole words. Now
to refine
higher speed cw, I personally used 'Super Morse' on a computer
and set it up
to send me random regular words with a character and letter
spacing of about
60, and a word spacing of 3 to 5. Then I blanked my mind and

listened to the
code and watched the words appear on the screen. After about 5
minutes, I
would slow down the character and letter spacing by about 5 or
10 wpm. This
would continue until I could start repeating the words which
was then about
35 to 40 wpm! Not bad for a novice, eh? This method will
quickly burn out
your attention span and will fatigue you quickly, but it does
work very
quickly. For times that I couldn't be around a computer, for instance
driving, I would read a roadside sign and then think the sign's
text out in
morse. The goal is to complete the sign in morse before I
passed it. Hope
these tricks help somebody out. Let me know if you like them.
73 4 now and
happy dit-dahs. Joff. **<<<**Gets More Pizza**>>>**


```
John D. Seney |_|_|_|_| john@wd1v.mv.com
144 Pepperidge Dr |_| |_| www.mv.com/ipusers/wd1v
Manchester, NH 03103-6150 |_|_ _|_| wd1v@wb1dsw.nh.usa.noam
V 603.533.3472 F 627.1623 | | | | | Paging 5956779@skymail.com
```


```
www.lecroy.com/tm/appnotes/appnotes.html
```

183. K1oink

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: Peter Lemken <plemken@mail.hb.provi.de>
Message-ID: <4tv8lj$1ljk@power5.rz.uni-hohenheim.de>
Source record: 219605
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Burt Fisher <kotzebue@juno.com> wrote:
>moritz@ipers1.e-technik.uni-stuttgart.de wrote:
>
>> The kind of trafik generated by Mr Burton Fisher here on the
>> Net would simply and fortunately be *forbidden* over the air.
>> Surely you followed his long flame war on german amateurs
>> and nazis. There is nothing positive to such input, only
>> may be for some brain-dead nationalists.
>
>It what way will anything I have said be forbidden on the air?

In the way that traffic on the air explicitly has to *ex*clude any messages that contain either political propaganda and the pursuit of one's own economic interest.

>Read "Hitlers Willing Executioners", a best seller in this country.

Why should I? I visited the Holocaust museum in D.C. and almost puked. Is that good enough for you?

>You will read that ordinary Germans made the holocaust possible.

No one doubted that. But that was 3 generations ago.

>You will read that even after Himmler ordered the killing of Jews to stop
>ORDINARY Germans, like you, kept killing and torturing.
> ^^^^^^^^

That actually is the greatest bullshit I have ever read on usenet. You are insinuating that a student like Moritz is capable of killing and torturing. My, oh my, your brain really needs some rest, Burt. Why don't you go to a local library and do some reading about your own ancestors. Keywords: Anglo-Saxons, Germany, England United States of America. Unless you are Jewish and can show a clear line of family history without any Anglo-Saxon blood in the last 400 years, of course. In that case, however, I would strongly advise you to refraih from speaking as THE American. Also, you should get a callsign from Israel and sign W1/4X4LID in the future.

Get a life, Burt.

Peter Lemken
DF5JT/KE4UNQ

184. Re: The "I" man is a ham HI HI

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: Peter Lemken <plemken@mail.hb.provi.de>
Message-ID: <4tv902$1ljk@power5.rz.uni-hohenheim.de>
Source record: 219606
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.shortwave

Burt Fisher <kotzebue@juno.com> wrote:
>Patrick Tatro wrote:
>>
>> This is a hobby of individual accomplishments.
>> Many individuals in this hobby are not keen on
>> group activities. As you can see most of the ï¿½Iï¿½
>
>But do you ever ask the other guy what he does?

I always do. That's the fun in talking to other hams. Believe it or not, there are some interesting hams around. But of course, they probably steer clear of you, so you actually don't know the _real_hams anyway.

>
>#===============#===#
>| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
^^^^^^^^

Excuse me if I missed the discussion here, but is that the real Burt Fisher? I mean THE Burt "I am a real ham and you are just a bunch of losers" Fischer? I find that hard to believe, since he as hater of Germans is rather unlikely to use an e-Mail address that uses the surname of one of Germany's greatest poets, August von Kotzebue.

Has he finally gone mental?

Peter Lemken
DF5JT/KE4UNQ

185. Need help build 2 m (144 MHz) Yagi.....

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: desvertb@melsa.net.id
Message-ID: <MPLANET.32033478desvertb989695@news.melsa.net.id>
Source record: 219607
Cross-posted to: aus.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.misc,tnn.radio.amateur,uk.radio.amateur

I plan to build my own 2m 24 element Yagi Antenna with 'gamma math'.
Could anybody send me the details data..??
Thank You.

Desley Vernon
(Y C 5 P G X)

186. Re: Cookie Monster's Not Happy

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4tvfp2$q0v@lehi.kuentos.guam.net>
Source record: 219608

dg198@FreeNet.Carleton.CA (Frank Sved) wrote:

>Jim's right to a certain degree. The only thing irritating is that he
>says things that are "supposed" facts. Like WE are happy for you ... and

'We' means me an my dog.

>on, and on, and on. No offence but I'm not happy for anyone. Actually
>I'm not even happy for myself.
>--
>73s Frank Sved, VE3GID

Sounds like a personal problem, Frank. Go get some help.

73, Jim KH2D

187. Re: Paging? CTCSS?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4tvftg$q0v@lehi.kuentos.guam.net>
Source record: 219609
Cross-posted to: rec.radio.cb,rec.radio.amateur.misc

Jim S <saeger@gat.com (Jim S)> wrote:

>Has anybody noticed that all responses to this thread are being posted to both rec.radio.cb
>and radio.amateur.misc...?? Jim

What ??? Only TWO newsgroups ??? That's unusual.
Why doesn't someone add a few more........

73, Jim KH2D

188. Re: Its OK to order pizza on 2m autopatch

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <4tvhen$kvm@usenetp1.news.prodigy.com>
Source record: 219610

Norm <wa3rty@epix.net> wrote:
>
>SDrew Durigan wrote:
>>
>> > Because, Drew, the autopatch isn't free. It's far more expensive
>> >to pay for the equipment, power, phone line, etc. for a 2M repeater
>> >with a patch than it is to use a cell phone for years.
>>
>> It's cheaper for me.
>>
>> I'm in my car, heading home from work, and I decide to order a pizza.
I
>> have two radio devices in my vehicle, both of which are capable of
>> allowing me to place a call and make my request. One is free of
usage
>> charges and the other is quite costly.
>>
>> Which one will I use? Which one would any normal, intelligent, budget-

>> conscious person use?
>>
>> -Drew in Sunny Central Florida-
>> KF4DDM
>
>
>Sure friend and what class license do you have and how long have you had

>it????

What does THAT have to do with anything? How could that possibly be
relavant to the issue at hand here?

You must be one of YE OLDE FAHRTZ; stuck in the 1940's with your vacuum
tubes and your "Rule the World with Morse Code" handbooks. Otherwise,
you'd have that modern-day invention known as a CD-ROM, where you could
pop in a call disk and instantly find the information you're asking of me.

-Drew in Sunny Central Florida-
KF4DDM

189. MFJ-784B DSP ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: pasek001@maroon.tc.umn.edu
Message-ID: <45513.pasek001@maroon.tc.umn.edu>
Source record: 219611

I am thinking about buying the MFJ 784B DSP filter and would like hearing from current users. Mainly, does it live up to the claims made in the full page ad's in QST? I'm running a Kenwood TS-440s/dipole and really would like to cut the noise and QRM on 40cw.

Thanks for any input.

de George
WD0AKZ

-------- --------
George T. Pasek Jr. pasek001@maroon.tc.umn.edu
Facilities Management
Elevator Department What goes UP ...
University of Minnesota Must come DOWN ...
Minneapolis Minnesota 55455 Unless it STICKS ???
-------- ________

190. DSS satellite information needed

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: Steve Eklund <72527.01012@compuserve.com>
Message-ID: <32038FC4.4CE7@compuserve.com>
Source record: 219612

Hi All!

I know this is not related to ham radio, but I figured that my best chance of obtaining the information I need would be through somebody here. I have to install a DSS system at a bar/nightclub that I work at. We need to be able to show 6 separate events using the DSS system, so I guess I need 6 separate receivers. My question is if anybody knows where on the Internet that I can get good information about setting up a system such as this. Any advice will be appreciated. Plese respond via E-mail to:

72527.01012@compuserve.com

Thanks!

73 de WA3RVT, Steve

191. Re: Cookie Monster's Not Happy

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: dnorris@k7no.com
Message-ID: <32036a0c.50388328@news.syspac.com>
Source record: 219613

pacrimgolf@kuentos.guam.net (Jim Kehler) wrote:

>dg198@FreeNet.Carleton.CA (Frank Sved) wrote:
>

>
>>on, and on, and on. No offence but I'm not happy for anyone. Actually
>>I'm not even happy for myself.
>>--
>>73s Frank Sved, VE3GID
>
>Sounds like a personal problem, Frank. Go get some help.
>
>73, Jim KH2D
>
>
Sounds like we need new group.... rec.radio.prozac

192. 100Mhz 5ch scope swap

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: ken@g4mpq.avel.co.uk
Message-ID: <32036e6b.549082@news.avel.net>
Source record: 219614

I have a 2 input/5channel 100Mhz scope and would swap for a decent 486
or what have you? Someone in the West Country preferable as I can't
hump stuff about... ken@g4mpq.avel.co.uk

193. Re: The "I" man is a ham HI HI

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <4tvqnm$rn5@sjx-ixn6.ix.netcom.com>
Source record: 219615
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.shortwave

In <4tqehs$mtv@ecuador.it.earthlink.net> rogerjb@earthlink.net
(Roger J. Buffington; W6VZV) writes:
>
>In <31FC1364.EC0@juno.com>, Burt Fisher <kotzebue@juno.com> writes:
>>Hams suffer from the "I" disease.
>>
>>In a contact see if a ham E V E R asks YOU about Y O U .
>
>Happens all the time. I don't know where you've been. Ever try the
digital
>modes?
>
>
>Roger J. Buffington
>W6VZV
>USC Law School Class of '97
>
>rogerjb@earthlink.net
>
>"I want to die peacefully, in my sleep, like my grandfather.
>Not screaming, and in terror, like his passengers."
>
>
>

Burt does little but bitch and apparently stir up trouble on 20 meters.

Caught a packet message from the Bertster where he is threatening to get even with someone who insulted him on 20 meters. He brags about challenging the fellow to "tell me that to my face" apparently an invitation to a physical confrontation. They guy Burt is challenging is 71 years old, gutsy move Burt.

Perhaps some day his oft quoted " tell me that to my face" challenge will be answered and Burt wil get his ass kicked. Bet he won't tell us when it happens. Actually I don't think it will ever happen because I'm sure Burt checks the callsign data base to be sure he is dealing with a geriatric before issuing a challenge. Besides if some 70 year old whips him he'll just call the cops on the guy.

Burt I do agree WA1AOH should not have called you scum; it is an insult to scum everywhere. Have a nice non-confrontational weekend.

194. Re: rec.radio.amateur.boatanchors

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: res@cmprime.cis.att.com
Message-ID: <4tvs5s$ilq@anchor.cis.att.com>
Source record: 219616

Claude Frantz (claude@netwman.rz.unibw-muenchen.de) wrote:
: Where can I find the CFV for rec.radio.amateur.boatanchors ?

All "OFFICIAL" postings are in news.announce.newgroups and news.groups.
Discussions on the RFD should be held in news.groups, not in the
rec.radio.amateur newsgroups.

The CFV will be out in a few weeks.

Rick KT2Q

195. Re: RFD: rec.radio.amateur.boatanchors

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: res@cmprime.cis.att.com
Message-ID: <4tvsod$ilq@anchor.cis.att.com>
Source record: 219617
Cross-posted to: news.groups,rec.radio.amateur.misc

```
If you are reading this article in a rec.radio newsgroup, and want to
post a follow up article, please post only to news.groups. (check
the newsgroups line in your header and delete cross posted newsgroups).
If you are reading in news.groups - you are at the right place, but still
check all postings that you may followup to to be sure your newsreader
is not cross posting into the rec.radio newsgroups (the original article
that you are replying to may have been cross posted to multiple groups).

Rick KT2Q
```

196. Re: rec.radio.amateur.boatanchors

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: res@cmprime.cis.att.com
Message-ID: <4tvsdq$ilq@anchor.cis.att.com>
Source record: 219618
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

Jim Kehler (pacrimgolf@kuentos.guam.net) wrote:

: Or how about rec.radio.amateur.boatanchors.please.get.the.hell.out.of.here ?

The nice way to say it is:
The "official" discussion on this subject is going on over in news.groups.
Look for a thread called "RFD: rec.radio.amateur.boatanchors"
When you post there please make sure your followup is not being cross posted
to any of the rec.radio newsgroups. These newsgroups are for discussion
of other subjects (not related to forming new newsgroups).

Thanks,

Rick KT2Q

197. Re: JAMMERS ON 2 METER

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: "Anthony R. Gold" <tgold@tgold.dialup.access.net>
Message-ID: <839090386snz@tgold.dialup.access.net>
Source record: 219619

In article <4tu85g$hdh@abyss.West.Sun.COM>
myers@West.Sun.COM "Dana Myers" writes:

> In article <4tpbcb$b8j@anomaly.ideamation.com>,
> Michael P. Deignan <kd1hz@anomaly.ideamation.com> wrote:

> >Really? I transmit on 7030Khz. You transmit on 7031Khz. How many channels
> >are between those two frequencies?
>
> In theory, there are an infinite number of channels between those
> frequencies.

That's not accurate. There may be an infinite number of frequencies,
but that is not the same thing as an infinite number of channels. If
a communications channel is to be capable of passing data then it
must have a finite bandwidth, and so the number of them which will
not overlap and interfere so as to prevent the data passing must also
be finite. In your post-Shannon `theory', are you proposing that
something can be given the name of "channel" which is incapable of
passing data?

> No, Mike, you're simply wrong. While some services might have
> standard frequency and bandwidth assignments with associated
> numeric identifiers, that doesn't mean that every possible
> 'channel' has to have a standard frequency and bandwidth assignment.

Not necessarily standard, but of necessity the bandwidth it must be
non-zero.

> Nope, Mike, the assumption you base your claim on is simply false,
> and I'm not incorrect, though I'm probably silly to attempt to have a
> logical discussion with you ;-).

Hmmm.
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

198. Re: The "I" man is a ham HI HI

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: AC6V <AC6V@ix.netcom.com>
Message-ID: <320391FD.14CE@ix.netcom.com>
Source record: 219620
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.shortwave,

Burt Fisher wrote:
>
> Hams suffer from the "I" disease.
> I did this.
> I did that.
> I worked this country, I bought that rig, I got my Extra, I am going to
> work the contest, I put up a 30 element 20 meter beam, I visited W1AW
> I work at.....etc etc etc. The only time they say "we" is when they
> really mean "I."
>
> In a contact see if a ham E V E R asks YOU about Y O U .
>
>

Yo Burt, We meet again! howzit it, oh worthy adversary???

RE: The "I" word: And how, pray tell, does this scenario differ while in conversation with non- hams ????? Me thinks you are talking about folks in general (not advanced) -- scuse the pun.

At least in Ham Radio, you won't get interrupted a dozen times before you complete a sentence. Ah -- the power of PTT by Gar!! And when the other feller blabs on forever, one can get a cup of coffee, empty the dog, or turn down the "Anti-Verbose" control marked AF Gain.

Don't ya just love it???

RE: The "We" word. I agree -- whats this We Stuff anyway??? Typical phrase is "We worked Z79DX on 40M." All I can imagine is a third party something or other QSO!! And we all know what Tonto sed??

P.S. The gentle art of conversation died at the turn of the Century, or maybe before!!

Cheers and an 807

Rod in San Diego
--
Hark for I have hurled my words to the far reaches of the earth!
What King of old could do thus??
..... AC6V

199. Website updated

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: CSanders@RedRose.net
Message-ID: <CSanders-0308961420260001@205.246.83.177>
Source record: 219621
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.homebrew,rec.radio.amateur.space

```
New and improved Web site! www.QTH.com/N3TLJ *Curt's Cyber Corner*
* faster loading home page
* aminated GIF
* for Ham Radio operators -- new URL form for updating/adding new sites
also with 262 selected new Ham Radio links added since mid-June 96.
Come visit! Netscape or Internet Explorer recommended to appreciate the site.
```

200. Channels vs. Frequencies

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: bigsteve@dorsai.org
Message-ID: <sY4AyQQI8VXQ091yn@dorsai.org>
Source record: 219622

I'm reading the thread about 2Meter jammers and seeing how it turned into a debate about which dictionary has the proper definition of a radio channel. Come on you guys, as hams you can operate on any frequency you want to within those authorized by the class of your license. You can also shift frequencies by as little as a few hertz to avoid interference. True, the frequency you use requires bandwith, where sidebands occupy the immediate frequencies adjacent to the carrier, but this is NOT a channel.

A channel is assigned by the governing communications body of the country, or by international agreement. A channel involves; 1) transmitting on a single frequency, (or multi frequencies kept within a certain relationship, like TV or duplex), 2) without any or little variance, 3) the bandwith to be occupied by the sidebands, (thereby restricting the modulation level if it's FM), and, 4) sometimes, the provision of dead frequencies between these channels, (guardbands), to prevent interference between assigned channels.

While repeater coordinating committees do assign pretty much standard frequency pairs, nowhere are these pairs assigned channel numbers in the FCC rules.

A US TV channel has two tramsmitters operating 4.5 MHz appart, one visual, one aural. The video is 1.25 MHz, (+/- an assigned variable of 10kHz), above the bottom frequency limit to provide a guard band to the channel below, (the lower sideband is "suppressed"). The aural is 4.5 Mhz above the video, providing a 50 kHz guard band to the channel above, and 500kHz to seperation to the channel's video signal. At 3.58 Mhz above the video is a subcarrier for the color. Since the lower sideband is filtered out, this signal is like a third transmitted frequency within the channel, even though it is a fixed sideband.

CB channels are individual frequencies, but since they must be "crystal controlled" exact frequencies, they were assigned channels. It was easier to define them as channels in the early days since you actually had to use a 23 postion switch to change crystals, and sequential numbers were easier to say than 27.xxx, 27.yyy, etc.

Marine and Aeronautical channels are also assigned as fixed frequencies, purely so that they can be tuned in accurately and don't interfere with each other. A safety requirement.

Even broadcast FM are channels. The frequency announced is the unmodulated center frequency of the FM signal, the limit is +/- 100kHz for each channel. This represents the FM's maximum modulation. These channel have numbers according to international agreements, (i.e. 88.1MHz is channel 201, 107.9 is 300), but they are really worthless since broadcast listeners

were used to frequencies being announced as they are on AM radio. Second, the receivers were tuned by VFO, not a selector switch with 100 positions.

Then there are logical channels, like those used by trunked radio systems and cellular phones. The conversation may be switched from radio channel to radio channel by a computer at the transmittter site, but a control signal on one fixed radio channel switches the receivers as well.

So a channel is a channel, but for ham radio, it is whatever frequency you can operate on when it comes to point to point communications. You can treat it like a channel because you are expected to recognize that the bandwidth you take up can posably cause interference to someone on an adjacent frequency.

--


```
< ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^>
< "Big Steve" Coletti >
< Computer and Network Installation, Upgrades and Repair. >
< Internet: bigsteve@dorsai.org >
< I was balding, then I installed Windows 95 and pulled the rest out. >
< US Mail: P.O. Box 396, New York, NY 10002 >
< Fax Weekdays/Voice Weekends: +1 212 995-2637 >
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
```

201. Re: The "I" man is a ham HI HI

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: timhynde@ix.netcom.com
Message-ID: <4u09ll$p4r@dfw-ixnews8.ix.netcom.com>
Source record: 219623
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

>Burt Fisher wrote:

>> In a contact see if a ham E V E R asks YOU about Y O U .

My guess is that you have problems with socializing on the air and based
on your previous commentaries you are too hung up about technicalities
and proper QSO management to just enjoy talking to someone.

I believe most hams learn a format for a QSO by listening to others.
Heres your big chance Burt, break the cycle of poor QSO technique,
during your next contact ask the other station about himself etc.
I doubt this will happen because you'll be too busy bitching and moaning
because the other station said the "wrong thing" or told you about
something HE did.

I also think your probably not very interesting to talk to on the air.

Tim Hynde, ka8ddz

202. Re: License required for CB radio repair

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: timhynde@ix.netcom.com
Message-ID: <4u0a6q$au7@dfw-ixnews2.ix.netcom.com>
Source record: 219624

>A fine job has been done here in explaining what certification means...
>but to the answer the original question, "License required for CB
>radio repair?" - the answer is "no" - no license required.
>
>Curtis
>GROL

Im confused, I was under the assumtion that ANY transmitting device above a few milliwatts (not sure of the level) would require at least General Radiotelephone cert. in order to do any TX adjustment. Anyone else?

Tim ka8ddz

203. Thanks to all who re-posted the "Jim you Low Life "

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: timhynde@ix.netcom.com
Message-ID: <4u0b9m$adu@dfw-ixnews10.ix.netcom.com>
Source record: 219625

A special thanks to all who re posted the "**** you Jim you low life"
thread, you've managed to get the words F/U reprinted almost a hundred
times now. Brilliant!!

204. Re: "GMRS Personal Radio?" What is that?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: Phil Sussman <pactor@pactor.com>
Message-ID: <3203B1F8.224@pactor.com>
Source record: 219626

Abraham Stavsky wrote:
>
> I recently saw an ad for a "GMRS personal radio"
> being sold at Radio Shack. Can anyone elucidate me
> on what this is? The ad went on to say, "FCC license
> required." What frequencies are we talking about here?
> What kind of wattage would an HT of this type have??
>
> Replies much appreciated.
> 73s
> Abe
>
> KE6OCM
> --

Hello Abe,

The FCC recently authorized the "Family Radio Service" on the 12.5KHz offset channels (those in between GMRS authorized freqs) with the GMRS band. There are perhaps 5-15... I can't recall the number. It is a 'new' low powered (500mw or less) radio service which uses only portable radios with NO external antenna jack (yet) and (as I understand it) and internal antenna.

It was petitioned by Radio Shack a couple of years ago and seeks to offer short range communications to families at camp grounds or within neighborhoods. No repeaters, yet, but transmitting from on top of a flag pole..... hmmmmm.....

73 de Phil - KB8LUJ

205. Re: WHERE IS THE 40M SWAP NET?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: FCFB17A@prodigy.com
Message-ID: <4u0ehb$d7o@usenetz1.news.prodigy.com>
Source record: 219627

Jerry. There are two that I know of. One on Saturday morning and one on Sunday morning. Both are on 7.275. I am not sure of the times - around 8:30 or 9:30 am your time. The Saturday net is for old tube type gear and the Sunday one is a big one from Georgia where all ham gear cab be listed.

Good luck ---
Steve N9ROU

206. Re: WHERE IS THE 40M SWAP NET?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: AC6V <AC6V@ix.netcom.com>
Message-ID: <3203C3FE.7707@ix.netcom.com>
Source record: 219628

jselby@capecod.net (j. selby) wrote:

>HAVE LISTENED SEVERAL TIMES AND HAVE NO IDEA WHERE THE SWAP NET
>MEETS. WAS TOLD ITS ON 40M. CAN U SUPPLY ME WITH TIME AND FREQ? MANY
>THANKS. JERRY N1UMH

Jerry, there is a net called Swap Cars as follows:

40 Meter Weekend Swap Net - 7.240MHz. Every Saturday and Sunday, 1245 to
1630 PST.

73
Rod in San Diego

I Swap, therefore I Am!!

207. Re: Channels vs. Frequencies

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: "Anthony R. Gold" <tgold@tgold.dialup.access.net>
Message-ID: <839106861snz@tgold.dialup.access.net>
Source record: 219629

In article <sY4AyQQI8VXQ091yn@dorsai.org>
bigsteve@dorsai.org "Steve_Coletti" writes:

> A channel is assigned by the governing communications body of the country,
> or by international agreement.

Where did you get that idea? Just because your statement is often
true is not sufficient to make it definitive. Perhaps you would care
to visit any dictionary of your own choosing and report to us us its
entry in its entirity. Certainly none of mine mention governing
bodies or equivalents and also none of mine refer to international
agreements.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

208. For Sale: 2M HT

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: Chris Cieslak <ccieslak@uiuc.edu>
Message-ID: <3203CE50.4F42@uiuc.edu>
Source record: 219630

FOR SALE--

2M HT
Radio Shack HTX 202 with following:
7.2V Battery & Charger
6-AA Alkaline Case
Rubber Duck antenna
box, instruction book, etc.

$175 OBO.

Chris Cieslak
AA9HD
ccieslak@uiuc.edu

209. Re: RF and the Honda Accord

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <4u0j77$qaj@jupiter.planet.net>
Source record: 219631

> eugene@loop.com writes:
> > moo@midtown.net (Bryan Cowan) writes:
> > In article <31ff5f08.5699127@usenet.afn.org>, afn35036@afn.org (Steve
> > King) wrote:
> >
> > > I'm looking to buy a 1996 Honda Accord. Does anyone know if there any
> > > problems with VHF RF with the Accord? I would ask the salesman but
> > > car salesmen almost always lie. Better yet, is there a database on
> > > the WWW somewhere with this kind of information?
> > >
> > > Thank you for your help.

I have 2 1992 accords, or I have 1 and the yl has 1.

they have been running 2/440 since new and nary a tick from either. I did remote mount the rf units.

In my wifes, under the front seat, in mine, under the rear package shelf. Her antenna, a mag mount on the roof
my antenna, a comet triband mounted to the trunk lip

I also run HF mobile in my car with no problems. i did ground the hell out of the setup

the outbacker is attached to the trunk. the trunk is grounded in 2 places to the frame. the radio is grounded to a bolt on the front seat
and the power connections ground runs direct to the battery.

My suggestion is keep the antenna on the roof or back on the trunk and keep the rf unit away
from the front dash where the computers are.

run your power direct from the battery, not the cigar lighter or the fuse block.

BTW, i have run both VHF and HF together. While coming home from Dayton this year, my friend
was talking to the other cars we were traveling with and I was working most of the world. At times, both radios
were transmitting toegther and NO problems whatsoever.

good luck, enjoy the car, they are a great piece of American made machinery.

73,

steve

210. .435 repeater in L.A. homepage? Where?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: csupak <csupak@ucla.edu>
Message-ID: <3203D07F.1ED0@ucla.edu>
Source record: 219632

I've been told that the 147.435 2M repeater in Los Angeles has a
homepage, of sorts, and I'd like the URL if anyone knows it, please.

Thanks all

CS

--
First they came for the hackers. But I never did anything
illegal with my computer, so I didn't speak up.
Then they came for the pornographers. But I thought there was
too much smut on the Internet anyway, so I didn't speak up.
Then they came for the anonymous remailers. But a lot of nasty
stuff gets sent from anon.penet.fi, so I didn't speak up.
Then they came for the encryption users. But I could never
figure out how to work PGP anyway, so I didn't speak up.
Then they came for me. And by that time there was no one left
to speak up.
It can happen folks

211. Re: BEWARE OF JON VAN ALLEN, KF7YN, IN SALT LAKE CITY

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <DvL16w.IG0@news.hawaii.edu>
Source record: 219633
Cross-posted to: rec.radio.amateur.misc,rec.radio.swap

After reading the above mentioned "warning" I wrote to Mr. Jon Van Allen
myself with the following:

>You'd better come over to rec.radio.amateur.misc and defend yourself.
>I'm not declaring you guilty but others surely will.
>73 from Hawaii,
>Jeff KH2PZ / KH6

(Jack Clarke's "beware" article was included in the above)

and received from Jon:

Jeffrey,
Thanks for the heads up. I must admit I screwed up royally, let me explain
briefly. I work for Matson on a containership running between LA and
Honolulu. I got called to work with only 24 hours of notice (I usually get 4
or 5 days) and I flat had to much to do I overlooked paying Jack for the
scanners. Not only am I embarrassed but ashamed as well. I sent Jack a check
this morning, (I just got back from the ship last night).
Thanks again, and I know I have some explaining to do to clear my good name
on the newsgroup.
73,
Jon
--
Jon Van Allen
yonnie@sisna.com
amateur radio KF7YN

I believe that circumstances did interfere with the completion of this
deal and hope that Jack Clarke will forgive Jon for the delay in payment.

Jeff KH2PZ / KH6

212. IPS Daily Report - 03 August 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <4u0m9b$mfs@flare.syd.ips.oz.au>
Source record: 219634
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 03/2330Z AUGUST 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 03 AUGUST AND FORECAST FOR 04 AUGUST - 06 AUGUST

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 79/19

GOES satellite data for 02 Aug
Daily Proton Fluence >1 MeV: 3.5E+05
Daily Proton Fluence >10 MeV: 1.8E+04
Daily Electron Fluence >2 MeV: 4.2E+07 (normal)
X-ray background: A7.7
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
04 Aug 05 Aug 06 Aug
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 04 Aug: 78/17

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Quiet to unsettled

Estimated Indices : A K Observed A Index 02 Aug
Learmonth 8 2223 2312
Fredericksburg 10 11
Planetary 10 11

Observed Kp for 02 Aug: 3134 3212

2B. MAGNETIC FORECAST
Date Ap Conditions
04 Aug 8 Quiet to unsettled
05 Aug 8 Quiet to unsettled
06 Aug 5 Quiet to unsettled

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band

Date Low Middle High
03 Aug Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
04 Aug Normal Normal Normal
05 Aug Normal Normal Normal
06 Aug Normal Normal Normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
03 Aug 1

Observed Australian Regional MUFs:
Darwin, Hobart: Near predicted monthly values,
with spread F during local night.
Townsville: Upto 15% depressed between 0000-1200UT,
with blanketing sporadic E during local night.
Sydney: Near predicted monthly values.

Predicted Monthly T index for August: 10

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
04 Aug 10 near predicted monthly values
05 Aug 10 near predicted monthly values
06 Aug 10 near predicted monthly values

A Windows version of the IPS HF prediction software, ASAPS, will
be available from early August 1996, for AUD350.
Upgrades from DOS versions 2.0 and higher will be available for
AUD50.
For more details, or to obtain a free demonstration copy, please
contact IPS.

--
IPS Radio and Space Services | email: rwc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/rwc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/rwc/
tel: +61 2 94148300 | fax: +61 2 94148331

213. Re: Channels vs. Frequencies

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <DvL2Mz.K9L@news.hawaii.edu>
Source record: 219635

Anthony R. Gold <tgold@panix.com> wrote:
>bigsteve@dorsai.org "Steve_Coletti" writes:

>> A channel is assigned by the governing communications body of the country,
>> or by international agreement.

>Where did you get that idea? Just because your statement is often
>true is not sufficient to make it definitive. Perhaps you would care
>to visit any dictionary of your own choosing and report to us us its
>entry in its entirity. Certainly none of mine mention governing
>bodies or equivalents and also none of mine refer to international
>agreements.

Hi Tony, No dictionary defines DX, QRP, Top band, Transmatch, Balun, SWR Meter, Boatanchor; heck, even your wonderful Oxford dictionary has no entry under Ham Radio ;) . Hence, the definitions for these specialized terms must be created and agreed upon by the users of our specialized avocation.

In the present case it appears that the Webster definition of Channel does not seem to coincide with that of many HF amateurs.

Just what are we to do? I suggest we agree to disagree.

As an aside, the two-volume Oxford I have was found in a dumpster outside the Geophysics Department. I am now beginning to understand why the previous owner placed it in that particular location. =:o

73 from Hawaii,
Jeff KH2PZ / KH6

214. Looking For Manual for a Heathkit Oscilloscope

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: Andy Brown <andy@skatter.usask.ca>
Message-ID: <3203E3D1.6DB@skatter.usask.ca>
Source record: 219636

Hi There

I am tring to find a manual for a
Heathkit Model 10-102 Oscilloscope.
I would be willing to accept Photocopies,
of this manual. If anyone can help me out
please Email me at

andy@skatter.usask.ca

Thank you
Andy Brown

215. Re: Fuck You Jim You Low Life

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: John P Smith <ki4ro@mnsinc.com>
Message-ID: <32041449.5F@mnsinc.com>
Source record: 219637
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

C. Wheeler wrote:
>
> >In article <3200F1F1.7856@ricochet.net>, shadow@ricochet.net wrote:
> >>I can't express my thoughts
> >>Get the hell out of here]
> >>
> >>WELL FUCK YOU ASS HOLE
>
> I really don't think this is proper...
>
> Shouldn't there be a comma between "fuck you" and "ass hole"?
>
> ;)I thought asshole was one word?

216. New Web Site

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: "Stuart R. Crawford" <crawfors@cuug.ab.ca>
Message-ID: <3203883F.3955@cuug.ab.ca>
Source record: 219638
Cross-posted to:
calgary.general,can.general,cuug.misc,alt.canadian.beaver,rec.radio.amateur.misc,ab.general,bc.general,ont.general,

Thanks for reading this.

Please drop by a visit my web site, it has a little something for everyone from information about Calgary, Kid's links, some shareware listings, this site is still under construction, but is open for people to look around.

http://www.cuug.ab.ca:8001/~crawfors

Happy Surfing

Stu

Calgary, Alberta

217. 1996 W9DXCC Convention

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: iphil@aol.com
Message-ID: <4u0tfc$f6j@newsbf02.news.aol.com>
Source record: 219639

Northern Illinois DX Association Presents:

44th ANNUAL

W9DXCC

DX CONVENTION AND BANQUET

SATURDAY, SEPTEMBER 7, 1996

HOLIDAY INN, ROLLING MEADOWS, ILLINOIS

The Premier Midwest DX Convention

A Great PROGRAm for All Dxers !:

Amateur Radio & the Internet - Scott Neader KA9FOX
Live demonstration, see Scott's Ham Web Page
at:http://www.qth.com/ka9fox
FS5PL DXpedition - Paul Gentry WX9E, with N0BSH and WE9V
Great presentation of DX contesting in the Caribbean!
Building a Competitive One-Tower Station - Steve Morris, K7LXC
Proven tower and station design hints ; be a Big Gun!
Zero-Beating and Other Audio Techniques - Bob Heil, K9EID
The Master of Audio helps us to hear' it right.
Station & Antenna Grounding - Rick Mace, N0XAV, Polyphaser Corp.
You are properly grounded now, aren't you?
World Radiosport Team Championship - Lew Gordon, K4VX
"Da Judge" tells us about the latest Olympic style DX
competition.
XR0Y & XR0Z Dxpedition - Jim Riff, K9JSC
The full story behind last year's very successful DXpedition.
Using the PacketCluster - Packet Cluster Sys-Ops
Back to the basics and some helpful tips with open floor forum.
ARRL News and Views - Ed Metzger, W9PRN, Central Division Director
The latest news from Headquarters, with reports from the Vice
Director,
the DX Manager, and from the W9QSL Buro.

BANQUET DINNER:
Excellent banquet dinner with Social Hour cash bar beforehand.
Guest DX speaker: Wayne Mills, N7NG
"Beyond DXpeditioning: Albania, Myanmar, North
Korea..."
DXCC Countdown, DX "Hog of the Year", Grand Prize Drawings
Dinner choices: Roast Prime Rib, Grilled Swordfish, Chicken
Cordon Bleu

QSL CHECKING:
Bill Kennamer, K5FUV, will be checking QSL cards for DXCC
credit.
Bring your QSL cards (limit 120, no 160M please) for instant credit.
NO Mailing!!!

PRIZES:
Prizes will be awarded throughout the day plus grand prizes at
dinner!

HOSPITALITY SUITES:
DX Hospitality suite available for early arrivals on Friday
Night, Sept. 6
and open again for a night cap on Saturday (GMDXA) following the
banquet.
The DX suite will be open finally for early morning risers on
Sunday, Sept. 8

TIMES OF EVENTS:
Friday Hospitality Suite: 6:00 pm to ?
Saturday Registration: 8:00 am
Convention Begins: 9:00 am
Banquet Dinner: 7:00 pm
Saturday Hospitality Suite: Following dinner to ?
Sunday Hospitality Suite : 8:00 am to Noon

LOCATION:
Holiday Inn "Holidome" in Rolling Meadows, Illinois located
northwest of Chicago. Free airport shuttle, exercise facilities,
children's activities.
Directions:
I-90 north to Rte.. 53 to Algonquin Road Exit, Left at light,
Hotel on right
For reservations call (847) 259-5000 or fax (847) 259-6795
(mention W9DXCC)

REGISTRATION:
SAVE AND REGISTER EARLY !

Call, fax, mail, or e-mail to obtain a registration form:

Phil Camera, KB9CRY, 1996 W9DXCC Chairman
806 Portsmouth Westchester, Illinois 60154

Home Ph (708) 343-1696 Home Fax (708) 343-4394
Work Ph (312) 521-7000 x14 Work Fax (312) 522-1734
PacketCluster: KB9CRY @ N9AOL node
E-mail: Iphil@aol.com - or - iphil@ix.netcom.com

218. Linux AX25 HOWTO (part 1/2)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: Terry Dawson <terry@perf.no.itg.telecom.com.au>
Message-ID: <AX25-HOWTO.1-17281.839126515@cc.gatech.edu>
Source record: 219640
Cross-posted to: comp.os.linux.answers,rec.radio.amateur.misc,aus.radio.amateur.digital

```
Archive-name: linux/howto/ax25/part1
Last-modified: 23 Jun 96

-----BEGIN PGP SIGNED MESSAGE-----

*** The `Linux AX25 HOWTO' is posted automatically by the
*** Linux HOWTO coordinator, Greg Hankins <gregh@sunsite.unc.edu>. Please
*** direct any comments or questions about this HOWTO to the author,
*** Terry Dawson <terry@perf.no.itg.telecom.com.au>.

- --- BEGIN Linux AX25 HOWTO part 1/2 ---

Linux AX25-HOWTO, Amateur Radio.
Terry Dawson, VK2KTJ, terry@perf.no.itg.telecom.com.au
v1.1, 14 June 1996

The Linux Operating System is perhaps the only operating system in the
world that can boast native and standard support for the AX.25 packet
radio protocol utilised by Amateur Radio Operators worldwide. This
document aims to describe how to install and configure this support.

1. Introduction.

This document was originally an appendix to the HAM-HOWTO, but grew
too large to be reasonably managed in that fashion. This document
describes how to install and configure the native AX.25 and NetRom
support for Linux. A few typical configurations are described that
could be used as models to work from.

1.1. Changes from the previous version

Additions:
Baycom support - ye gads!

Corrections/Updates:
Included SLIP support in kernel config - oops.
2.0.0 kernel and ax25-tools update.
Updated net-tools to 1.32-alpha version.
Removed Jonathons `special' net-tools.
A bit of shuffling about to make more sense.
Updated the example configurations.
A minor copyright ooops.

1.2. Other related documentation.

There is a lot of related documentation. There are many documents that
relate to Linux networking in more general ways and I strongly
```

recommend you also read these as they will assist you in your efforts and provide you with stronger insight into other possible configurations.

They are:

The HAM-HOWTO <http://sunsite.unc.edu/mdw/HOWTO/HAM-HOWTO.html>

the Net-2-HOWTO <http://sunsite.unc.edu/mdw/HOWTO/NET-2-HOWTO.html>

the Ethernet-HOWTO <http://sunsite.unc.edu/mdw/HOWTO/Ethernet-HOWTO.html>

the IPX-HOWTO <http://sunsite.unc.edu/mdw/HOWTO/IPX-HOWTO.html>

and

the Firewall-HOWTO <http://sunsite.unc.edu/mdw/HOWTO/Firewall-HOWTO.html>

2. Where to obtain new versions of this document.

The best place to obtain the latest version of this document is from a Linux Documentation Project archive. The Linux Documentation Project runs a Web Server and this document appears there as The AX25-HOWTO <http://sunsite.unc.edu/mdw/HOWTO/AX25-HOWTO.html>. You can always contact me, but I pass new versions of the document directly to the LDP HOWTO coordinator, so if it isn't there then chances are I haven't finished it.

3. Linux and the AX.25 and NetRom Packet Radio Protocols.

The AX.25 protocol offers both connected and connectionless modes of operation, and is used either by itself for point-point links, or to carry other protocols such as TCP/IP and NetRom.

It is similar to X.25 level 2 in structure, with some extensions to make it more useful in the amateur radio environment.

The NetRom protocol is an attempt at a full network protocol and uses AX.25 at its lowest layer as a datalink protocol. It provides a network layer that is an adapted form of AX.25.

Alan Cox developed some early kernel based AX.25 software support for Linux. Jonathon Naylor <g4klx@g4klx.demon.co.uk> has taken up ongoing development of the code, has added NetRom support and is now the developer of the AX.25 related kernel code and utilities. DAMA support was developed by Joerg, DL1BKE. Finally Baycom support was added by Thomas Sailer, <sailer@ife.ee.ethz.ch>.

The Linux code supports KISS based TNC's (Terminal Node Controllers), the Ottawa PI card, the Gracilis PacketTwin card and other Z8530 SCC based cards with the generic SCC driver and both the Parallel and Serial port Baycom modems.

The User programs contain a simple PMS (Personal Message System), a beacon facility, a line mode connect program, `listen' an example of how to capture all AX.25 frames at raw interface level and programs to configure the NetRom protocol. Included also are an AX.25 server style program to handle and despatch incoming AX.25 connections and a NetRom daemon which does most of the hard work for NetRom support.

4. The AX.25/NetRom software components.

The AX.25 software is comprised of three components, the kernel source, the network configuration tools and the utility programs.

The version 1.3.xx Linux kernels include the AX.25, NetRom, Z8530 SCC, PI card and PacketTwin drivers by default. I recommend you obtain and use the version 1.3.xx kernel source.

These are three reasons I'm recommending you use the alpha version software even though most everyone else will recommend you don't use it:

- it makes the process of building and configuring the software a whole lot simpler. There are no patches to apply it is a simple matter of configuring and compiling a kernel with the appropriate options enabled.

- it is the most recent software and is most likely to provide the most satisfactory results.

- like all new software, it needs testing and bug reports. The more people that take the software and attempt to use it in their own configurations the more likely it will be that bugs are uncovered and the easier it will be to get the software debugged. Join the team, contribute bug reports and help everybody.

Be warned though, this software is alpha and may have problem that you wouldn't otherwise encounter. Please take all the usual precautions and be sure to keep a working kernel as backup when testing new kernels. It is wise to test a new kernel by booting from it from floppy before actually installing it with lilo, though I haven't bothered for about 90 kernels revisions so I'm fairly confident you can pretty safely run with alpha kernels.

4.1. Finding the kernel, tools and utility packages.

4.1.1. The kernel source:

The kernel source can be found in its usual place at:

ftp.funet.fi

/pub/Linux/PEOPLE/Linus/v2.0/

4.1.2. The network tools:

The latest alpha release of the standard Linux network tools support AX.25 and NetRom and can be found at:

ftp.inka.de

/pub/comp/Linux/networking/net-tools/net-tools-1.32-alpha.tar.gz

or:

ftp.linux.org.uk

/pub/linux/Networking/PROGRAMS/NetTools/net-tools-1.32-alpha.tar.gz

The latest ipfwadm package can be found at:

ftp.xos.nl

/pub/linux/ipfwadm/

4.1.3. The AX25 utilities:

The AX.25 utility programs can be found at:

sunsite.unc.edu

/pub/Linux/apps/ham/ax25-utils-2.0.0.tar.gz

or:

ftp.ucsd.edu

/hamradio/packet/tcpip/incoming/ax25-utils-2.0.0.tar.gz

5. Installing the AX.25/NetRom software.

To successfully install AX.25 support on your linux system you must configure and install an appropriate kernel and then install the AX.25 utilities.

5.1. Compiling the kernel.

If you are already familiar with the process of compiling the Linux Kernel then you can skip this section, just be sure to select the appropriate options when compiling the kernel. If you are not, then read on.

The normal place for the kernel source to be unpacked to is the /usr/src directory into a subdirectory called linux. To do this you should be logged in as root and execute a series of commands similar to the following:

```
# mv linux linux.old
# cd /usr/src
# gzip -dc linux-2.0.0.tar.gz | tar xvofp -
# cd linux
```

After you have unpacked the kernel source into place you need to run the configuration script and choose the options that suit your hardware configuration and the options that you wish built into your kernel. You do this by using the command:

```
# make config
```

You might also try:

```
# make menuconfig
```

if you prefer a full screen menu based method. I'm going to describe the original method, but you use whichever you are most comfortable with.

In either case you will be offered a range of options at which you must answer `Y' or `N'. (Note you may also answer `M' if you are using modules. For the sake of simplicity I will assume you are not, please make appropriate modifications if you are).

The options most relevant to an AX.25 configuration are:

```
Networking support (CONFIG_NET) [Y/n/?] Y
Loopback device support (CONFIG_BLK_DEV_LOOP) [N/y/m/?] Y
Network firewalls (CONFIG_FIREWALL) [N/y/?]
TCP/IP networking (CONFIG_INET) [Y/n/?] Y
IP: forwarding/gatewaying (CONFIG_IP_FORWARD) [N/y/?]
IP: firewalling (CONFIG_IP_FIREWALL) [N/y/?] (NEW)
IP: tunneling (CONFIG_NET_IPIP) [N/y/m/?] (NEW)
Amateur Radio AX.25 Level 2 (CONFIG_AX25) [N/y/?] Y
AX.25 over Ethernet (CONFIG_BPQETHER) [N/y/?] (NEW)
Amateur Radio NET/ROM (CONFIG_NETROM) [N/y/?] (NEW)
Kernel/User network link driver(ALPHA) (CONFIG_NETLINK) [N/y/?]
Network device support (CONFIG_NETDEVICES) [Y/n/?] Y
SLIP (serial line) support (CONFIG_SLIP) [N/y/m/?] Y
Radio network interfaces (CONFIG_NET_RADIO) [N/y/?]
BAYCOM ser12 and par96 kiss emulation driver for AX.25 (CONFIG_BAYCOM) [N/y/m/?]
Z8530 SCC kiss emulation driver for AX.25 (CONFIG_SCC) [N/y/m/?]
Other ISA cards (CONFIG_NET_ISA) [N/y/?]
Ottawa PI and PI/2 support (CONFIG_PI) [N/y/?] (NEW)
Gracilis PackeTwin support (CONFIG_PT) [N/y/?] (NEW)
Standard/generic serial support (CONFIG_SERIAL) [Y/n/?]
```

The options I have flagged with a `Y' are those that you must must answer `Y' to. The rest are dependent on what hardware you have and what options you want to include. Some of these options are described in more detail later on, so if you don't know what you want yet, then read ahead and come back to this step later.

After you have completed the kernel configuration you should be able to cleanly compile your new kernel:

```
# make dep
# make clean
# make zImage
```

Make sure you move your arch/i386/boot/zImage file wherever you want it and then run lilo to ensure that you actually boot from it.

5.2. The network configuration tools.

After you have compiled the kernel you should compile the new network configuration tools. These tools allow you to modify the configuration of network devices and to add routes to the routing table.

The new alpha release of the standard net-tools package includes support for AX.25 and NetRom support. I've tested this and it seems to work well for me.
5.2.1. Building the standard net-tools release.

Don't forget to read the Release file and follow any instructions there. The steps I used to compile the tools were:

```
# cd /usr/src
# tar xvfz net-tools-1.32-alpha.tar.gz
# cd net-tools-1.32-alpha
# make config
```

At this stage you will be presented with a series of configuration questions, similar to the kernel configuration questions. Be sure to include support for all of the protocols and network devices types that you intend to use. If you do not know how to answer a particular question then answer `Y'.

The tools compiled cleanly against a 2.0.0 kernel without error.

When the compilation is complete, you should need only use the:

```
# make install
```

command to install the programs in their proper place.

If you wish to use the IP firewall facilities then you will need the latest firewall administration tool ipfwadm. This tool replaces the older ipfw tool which will not work with new kernels.

I compiled the ipfwadm utility with the following commands:

```
# cd /usr/src
# tar xvfz ipfwadm-2.0beta2.tar.gz
# cd ipfwadm-2.0beta2
# make install
# cp ipfwadm.8 /usr/man/man8
# cp ipfw.4 /usr/man/man4
```

5.3. The AX.25 user programs.

After you have successfully compiled and booted your new kernel, you need to compile the user programs. To compile and install the user programs you should use a series of commands similar to the following:

```
# cd /usr/local
# gzip -dc ax25-utils-2.0.0.tar.gz | tar xvvof -
# cd ax25-utils-2.0
# make install
```

The files will be installed under the /usr/local directory by default
in subdirectories: bin, sbin, etc and man.

If you get messages something like:

```
gcc -Wall -Wstrict-prototypes -O2 -I../lib -c call.c
call.c: In function `statline':
call.c:268: warning: implicit declaration of function `attron'
call.c:268: `A_REVERSE' undeclared (first use this function)
call.c:268: (Each undeclared identifier is reported only once
call.c:268: for each function it appears in.)
```

then you should read the README.ncurses file in the top level
directory. You can do as Jonathon suggests, or you can try replacing:

```
#include <curses.h>
```

with:

```
#include <ncurses/curses.h>
```

in the:

```
call/call.c
call/menu.c
```

files.

6. Configuring a RAW AX.25 connected mode interface.

The first stage to configuration of an AX.25 interface is to configure
it to work as a `vanilla' AX.25 interface with no TCP/IP. The
following configuration will get you to the point of being able to
make AX.25 calls from your Linux machine to other AX.25 nodes.

The AX.25 software has been designed to work with a TNC in kiss mode
or with other cards such as the Ottawa PI2 card, PacketTwin and other
SCC cards via special drivers that emulate a kiss tnc.

For real KISS TNC's there are two steps to complete in order to create
an AX.25 port ready to use to make outgoing calls. For other types of
hardware you need only complete the first step.

6.1. Creating the /usr/local/etc/axports file.

The AX.25 ports have a configuration file that is read by many
programs that want to find information about an AX.25 port. This file
is called the:

/usr/local/etc/axports

file. The format of the file is as follows:

```
portname callsign baudrate paclen window description
```

where:

portname
is a text name that you will refer to the port by.

callsign
is the AX.25 callsign you want to assign to the port.

baudrate
is the speed at which you wish the port to communicate with your
TNC.

paclen
is the maximum packet length you want to configure the port to
use for AX.25 connected mode connections.

window
is the AX.25 window (K) parameter. This is the same as the
MAXFRAME setting of many tnc's.

description
is a textual description of the port.

In my case, mine looks like:

radio VK2KTJ-0 4800 256 2 144.800 MHz

6.2. Creating the AX.25 device

If you are using an SCC card like the PI2 or PacketTwin then you do
not need to create the network device, as the kernel driver will
automatically do this for you. If you are using a KISS TNC then you
will need to create the AX.25 interface as it will not already exist.
Creating an AX.25 port is very similar to creating a slip device.

You will need to have the TNC preconfigured and connected to your
serial port. You can use a communications program like minicom or
seyon to configure the TNC into kiss mode if you wish.

You use the axattach program in much the same way as you would use the
slattach program (refer to the NET-2-HOWTO for more information on
slattach and the other network software for Linux). For example:

/usr/local/sbin/axattach /dev/ttyS0 radio

would configure your /dev/ttyS1 serial device to be a kiss interface
configured as per the details for the line beginning with the portname
"radio" in the /usr/local/etc/axports file.

All this step has done is to actually activate the device in the
kernel, you need to run other programs before you an actually make use
of the port.

6.2.1. Setting the callsign for SCC cards.

If you are using a PI or PacketTwin card then you should use the
axparms -setcall command to change the callsign of the appropriate
port to that which you intend to use. Refer to the PI/PacketTwin

section for the names of the network devices to use.

6.2.2. Testing the interface.

You now should be able to make outgoing AX.25 connections. To test AX.25 connected mode you could use the call program as demonstrated:

/usr/local/bin/call radio VK2DAY via VK2SUT

Note: you must tell call which AX.25 port you wish to make the call on, as the same AX.25 node might be reachable on any of the ports you have configured.

The call program is a linemode terminal program for making AX.25 calls. It recognises lines that start with `~' as command lines. The `~.' command will close the connection.

Please refer to the man pages in /usr/local/man and the README file in ax25-utils-2.0.0 distribution for more information.

7. Configuring an AX.25 interface for tcp/ip.

It is very simple to configure an AX.25 port to carry tcp/ip. Jonathon has modified the axattach command so that you can include the IP address that you want the interface to be configured with on the command line. For example, to modify the example presented earlier, I could use the command:

```
# /usr/local/sbin/axattach -i 44.136.8.5 -m 512 /dev/ttyS0 radio
# /sbin/route add -net 44.136.8.0 sl0
# /sbin/route add default sl0
```

to create the AX.25 interface with an IP address of 44.136.8.6 and an MTU of 512 bytes. You should still use the ifconfig to configure the other parameters if necessary.

You do not need to do it this way, you can of course just use the ifconfig program to configure the ip address and netmask details for the port and add a route via the port, just as you would for any other tcp/ip interface.

```
# /sbin/ifconfig sl0 44.136.8.5
# /sbin/ifconfig sl0 netmask 255.255.255.0
# /sbin/ifconfig sl0 broadcast 44.136.8.255
# /sbin/ifconfig sl0 arp mtu 256 up
# /sbin/route add -net 44.136.8.0 sl0
# /sbin/route add default sl0
```

The commands listed above are typical of the sort of configuration many of you would be familiar with if you have used NOS or any of its derivatives or any other tcp/ip software. Note that the default route might not be required in your configuration if you have some other network device configured.

To test it out, try a ping or a telnet to a local host.

```
# ping -i 5 44.136.8.58
```

Note the use of the `-i 5' arguments to ping to tell it to send pings every 5 seconds instead of its default of 1 second.

8. Configuring an AX.25 interface for NetRom.

To configure NetRom on an AX.25 interface you must configure two files.

8.1. Configuring /usr/local/etc/nrports

The first is the /usr/local/etc/nrports file. This file describes the NetRom port in much the same way as the /usr/local/etc/axports file describes the AX.25 ports.

This file is formatted as follows:

```
name callsign alias paclen description
```

Where:

name
is the text name that you wish to refer to the port by.

callsign
is the callsign that the NetRom traffic from this port will use.
alias
is the NetRom alias this port will have assigned to it.

paclen
is the maximum size of NetRom frames transmitted by this port.

description
is a free text description of the port.

An example would look something like the following:

```
netrom VK2KTJ-1 LINUX 235 Linux Switch Port
```

Note that the ports are referred to by name by programs such as call.

8.2. Configuring /usr/local/etc/nrbroadcast

The second file is the /usr/local/etc/nrbroadcast file.

This file is formatted as follows:

```
axport min_obs def_qual worst_qual verbose
```

Where:

axport
is the port name obtained from the /usr/local/etc/axports file.
If you do not have an entry in /usr/local/etc/nrbroadcasts for a port then this means that no NetRom routing will occur and any received NetRom broadcasts will be ignored for that port.

min_obs
is the minimum obselesence value for the port.

def_qual
is the default quality for the port.

worst_qual
is the worst quality value for the port, any routes under this
quality will be ignored.

verbose
is a flag determining whether full NetRom routing broadcasts
will occur from this port or only a routing broadcast
advertising the node itself.

An example would look something like the following:

radio 1 200 10 1

8.3. Creating the NetRom device

When you have the two configuration files completed you must create
the NetRom device in much the same way as you did for the AX.25
devices. This time you use the nrattach command:

nrattach netrom

This command would start the NetRom device (nr0) named netrom
configured with the details specified in the /usr/local/etc/nrports
file.

8.4. Starting the NetRom daemon

The NetRom daemon manages the NetRom routing tables and generates the
NetRom routing broadcasts. You start NetRom with the command:

/usr/local/sbin/netromd

You should soon see the /proc/net/nr_neigh file filling up with
information about your NetRom neighbours.

Remember to put the /usr/local/sbin/netromd command in your rc files
so that it is started automatically each time you reboot.

9. Configuring IP on a NetRom interface.

Configuring a NetRom interface for tcp/ip is almost identical to
configuring an AX.25 interface for tcp/ip.

Again you can either specify the ip address and mtu on the nrattach
command line, or use the ifconfig and route commands, but you need to
manually add arp entries for hosts you wish to route to because there
is no mechanism available for your machine to learn what NetRom
address it should use to reach a particular IP host.

So, to create an nr0 device with an IP address of 44.136.8.5 and an
mtu of 512 and configured with the details from the

/usr/local/etc/nrports file for a NetRom port named netrom you would use:

```
# /usr/local/sbin/nrattach -i 44.136.8.5 -m 512 netrom
# route add 44.136.8.5 nr0
```

or you could use something like the following commands manually:

```
# ifconfig nr0 44.136.8.5 hw netrom VK2KTJ-1
# route add 44.136.8.5 nr0
```

Then for each IP host you wish to reach via NetRom you need to set route and arp entries. To reach a destination host with an IP address of 44.136.80.4 at NetRom address BBS:VK3BBS via a NetRom neighbour with callsign VK2SUT-0 you would use commands as follows:

```
# route add 44.136.80.4 nr0
# arp -t netrom -s 44.136.80.4 vk2sut-0
# nrparms -nodes vk3bbs + BBS 120 6 sl0 vk2sut-0
```

The `120' and `6' arguments to the nrparms command are the NetRom quality and obsolescence count values for the route.

10. Configuring an Ethernet device for AX.25 ala BPQ

Linux support BPQ Ethernet compatibility. This enables you to run the AX.25 protocol over your Ethernet LAN and to interwork your linux machine with other BPQ machines on the LAN.

Configuration is quite straightforward. You firstly must have configured a standard Ethernet device. This means you will have compiled your kernel to support your Ethernet card, and executed configuration commands similar to the following:

```
# ifconfig eth0 44.136.8.5 netmask 255.255.255.248 up
# ifconfig eth0 broadcast 44.136.8.103
# route add -net 44.136.8.96 netmask 255.255.255.248 eth0
```

To configure the BPQ support you need to associate an AX.25 callsign with your Ethernet hardware address. You should use the following:

```
# axparms -dev eth0 vk2ktj-9
```

This says that AX.25 callsign vk2ktj-9 is associated with the eth0 device.

BPQ Ethernet normally uses a multicast address. The Linux implementation does not, and instead it uses the normal Ethernet broadcast address. The NET.CFG file for the BPQ ODI driver should therefore look similar to this:

```
LINK SUPPORT

MAX STACKS 1
MAX BOARDS 1
```

```
LINK DRIVER E2000 ; or other MLID to suit your card

INT 10 ;
PORT 300 ; to suit your card

FRAME ETHERNET_II

PROTOCOL BPQ 8FF ETHERNET_II ; required for BPQ - can change PID

BPQPARMS ; optional - only needed if you want
; to override the default target addr

ETH_ADDR FF:FF:FF:FF:FF:FF ; Target address
```

11. Ottawa PI/PI2 card driver and Gracilis PacketTwin driver.

The Ottawa PI and the Gracilis PacketTwin are Z8530 SCC based card for IBM PC type machines that are in common usage by Amateur Radio operators worldwide. The PI card supports a high speed half duplex (single DMA channel) port, and a low speed (<9k6bps interrupt driven) half duplex port. The PI2 is a new version of the card that supports an on board radio modem and improved hardware design. The PacketTwin card supports two high speed port and is capable of accepting on board modems.

The PI card driver was written by David Perry, <dp@hydra.carleton.edu> The PacketTwin card driver was written by Craig Small VK2XLZ, <csmall@triode.apana.org.au>. Both drivers are a standard feature of the 1.3.xx kernel.

Please refer to the AX.25 section above for details on how to configure the kernel to include the PI card or the PacketTwin card drivers.

Once you have the appropriate driver configured into your kernel then you should reboot and when you do, you should see mention of the PI or PacketTwin card driver in the messages that appear on the screen while the kernel is booting. The drivers test each of the I/O port addresses that the card might be configured for and reports any that it finds. You should then look at the /proc/net/dev file and you should see reference to devices called pi0a and pi0b or pt0a and pt0b for the PI and PacketTwin cards respectively.

If the devices don't appear then recheck that you have configured and compiled your kernel correctly and that you are in fact actually running your new kernel. If you still don't then this suggests that your PI or PacketTwin card was not detected by the kernel while it booted and may indicate that you have some sort of hardware conflicting with your PI/PT card that prevented it being detected.

If all of the above went as planned then you will need to configure your PI/PT card with an AX.25 address and for IP. The configuration of the PI/PT cards is virtually identical to that of any other IP interface. Something like the following should work ok for you:

```
# /usr/local/sbin/axparms -setcall pi0a VK2KTJ-2
# /sbin/ifconfig pi0a 44.136.8.5
# /sbin/ifconfig pi0a netmask 255.255.255.0
# /sbin/ifconfig pi0a broadcast 44.136.8.255
# /sbin/ifconfig pi0a arp mtu 256 up
# /sbin/route add -net 44.136.8.0 pi0a
# /sbin/route add default pi0a
```

Note that pi0a refers to the `a' port on the first PI card found, and that pi0b would therefore refer to the `b' port on the first PI card found. pt0a would therefore be the first port on the first PacketTwin card detected.

Note also the use of the axparms -setcall command to set the AX.25 callsign of the port.

As usual, when this has been done you can test the interface with the ping or telnet command to ensure it is working.

12. Z8530 SCC Kiss Emulation

Joerg Reuter, DL1BKE has developed generic support for Z8530 SCC based cards. His driver is configurable to support a range of different types of cards and present an interface that looks like a KISS TNC so you can treat it as though it were a KISS TNC.

12.1. Obtaining and building the configuration tool package.

The kernel driver is included in the standard kernel distribution, but there are a suite of configuration tools that you will need to obtain as well.

To compile the kernel support you must be sure to answer `Y' to: `Z8530 SCC kiss emulation driver for AX.25' when asked during a kernel `make config'.

You can obtain the configuration tools package from:

ftp.ucsd.edu

/hamradio/packet/tcpip/incoming/z8530drv-2.0.dl1bke.real.tar.gz

The following command were what I used to compile and install the package for kernel version 1.3.93:

```
# cd /usr/src
# gzip -dc z8530drv-2.0.dl1bke.real.tar.gz | tar xvpofz -
# cd z8530drv
# rm gencfg sccinit sccstat
# make dep
# make utils
# make install
```

Note: I've not followed the instructions included because the version of driver in the 2.0.0 kernel is actually newer than that included in the package and the normal installation process would have overwritten

the new kernel source with the older version.

After the above is complete you should have three new programs installed in your /sbin directory: gencfg, sccinit and sccstat. It is these programs that you will use to configure the driver for your card.

You will also have a group of new special device files created in your /dev called scc0 .. scc7. These will be used later and will be the `KISS' devices you will end up using.

12.2. Configuring the driver for your card.

The z8530 SCC driver has been designed to be as flexible as possible so as to support as many different types of cards as possible. With this flexibility has come some cost in configuration.

There is more comprehensive documentation in the package and you should read this if you have any problems. You should particularly look at doc/scc_eng.doc or doc/scc_ger.doc for more detailed information. I've paraphrased the important details, but as a result there is a lot of lower level detail that I have not included.

The main configuration file is read by the sccinit program and is called /etc/z8530drv.rc. This file is broken into two main stages: Configuration of the hardware parameters and channel configuration. After you have configured this file you need only add:

sccinit

into the rc file that configures your network and the driver will be initialised according to the contents of the configuration file. You must do this before you attempt to use the driver.

12.2.1. Configuration of the hardware parameters.

The first section is broken into stanzas, each stanza representing an 8530 chip. Each stanza is a list of keywords with arguments. You may specify up to four SCC chips in this file by default. The #define MAXSCC 4 in scc.c can be increased if you require support for more.

The allowable keywords and arguments are:

chip
the chip keyword is used to separate stanzas. It will take anything as an argument. The arguments are not used.

data_a
this keyword is used to specify the address of the data port for the z8530 channel `A'. The argument is a hexadecimal number e.g. 0x300

ctrl_a
this keyword is used to specify the address of the control port for the z8530 channel `A'. The arguments is a hexadecimal number

e.g. 0x304

data_b
this keyword is used to specify the address of the data port for the z8530 channel `B'. The argument is a hexadecimal number e.g. 0x301

ctrl_b
this keyword is used to specify the address of the control port for the z8530 channel `B'. The arguments is a hexadecimal number e.g. 0x305

irq
this keyword is used to specify the IRQ used by the 8530 SCC described in this stanza. The argument is an integer e.g. 5

pclock
this keyword is used to specify the frequency of the clock at the PCLK pin of the 8530. The argument is an integer frequency in Hz which defaults to 4915200 if the keyword is not supplied.

board
the type of board supporting this 8530 SCC. The argument is a character string. The allowed values are:

PA0HZP
the PA0HZP SCC Card

EAGLE
the Eagle card

PC100
the DRSI PC100 SCC card

PRIMUS
the PRIMUS-PC (DG9BL) card

BAYCOM
BayCom (U)SCC card

escc
this keyword is optional and is used to enable support for the Extended SCC chips (ESCC) such as the 8580, 85180, or the 85280. The argument is a character string with allowed values of `yes' or `no'. The default is `no'.

vector
this keyword is optional and specifies the address of the vector latch (also known as "intack port") for PA0HZP cards. There can be only one vector latch for all chips. The default is 0.

special
this keyword is optional and specifies the address of the special function register on several cards. The default is 0.

```
option
this keyword is optional and defaults to 0.

Some example configurations for the more popular cards are as follows:

BayCom USCC

chip 1
data_a 0x300
ctrl_a 0x304
data_b 0x301
ctrl_b 0x305
irq 5
board BAYCOM
#
# SCC chip 2
#
chip 2
data_a 0x302
ctrl_a 0x306
data_b 0x303
ctrl_b 0x307
board BAYCOM

PA0HZP SCC card

chip 1
data_a 0x153
data_b 0x151
ctrl_a 0x152
ctrl_b 0x150
irq 9
pclock 4915200
board PA0HZP
vector 0x168
escc no
#
#
#
chip 2
data_a 0x157
data_b 0x155
ctrl_a 0x156
ctrl_b 0x154
irq 9
pclock 4915200
board PA0HZP
vector 0x168
escc no

DRSI SCC card
```

```
chip 1
data_a 0x303
data_b 0x301
ctrl_a 0x302
ctrl_b 0x300
irq 7
pclock 4915200
board DRSI
escc no
```

If you already have a working configuration for your card under NOS, then you can use the gencfg command to convert the PE1CHL NOS driver commands into a form suitable for use in the z8530 driver configuration file.

To use gencfg you simply invoke it with the same parameters as you used for the PE1CHL driver in NET/NOS. For example:

```
# gencfg 2 0x150 4 2 0 1 0x168 9 4915200
```

will generate a skeleton configuration for the OptoSCC card.

12.2.2. Channel Configuration

The Channel Configuration section is where you specify all of the other parameters associated with the port you are configuring. Again this section is broken into stanzas. One stanza represents one logical port, and therefore there would be two of these for each one of the hardware parameters stanzas as each 8530 SCC supports two ports.

These keywords and arguments are also written to the /etc/z8530drv.rc file and must appear after the hardware parameters section.

Sequence is very important in this section, but if you stick with the suggested sequence it should work ok. The keywords and arguments are:

device
this keyword must be the first line of a port definition and specifies the name of the special device file that the rest of the configuration applies to. e.g. /dev/scc0

speed
this keyword specifies the speed in bits per second of the interface. The argument is an integer: e.g. 1200

clock
this keyword specifies where the clock for the data will be sourced. Allowable values are:

dpll
normal halfduplex operation

external
MODEM supplies its own Rx/Tx clock

divider
use fullduplex divider if installed.

mode
this keyword specifies the data coding to be used. Allowable
arguments are: nrzi or nrz

rxbuffers
this keyword specifies the number of receive buffers to allocate
memory for. The argument is an integer, e.g. 8.

txbuffers
this keyword specifies the number of transmit buffers to
allocate memory for. The argument is an integer, e.g. 8.

bufsize
this keyword specifies the size of the receive and transmit
buffers. The arguments is in bytes and represents the total
length of the frame, so it must also take into account the AX.25
headers and not just the length of the data field. This keyword
is optional and default to 384

txdelay
the KISS transmit delay value, the argument is an integer in mS.

persist
the KISS persist value, the argument is an integer.

slot
the KISS slot time value, the argument is an integer in mS.

tail
the KISS transmit tail value, the argument is an integer in mS.

fulldup
the KISS full duplex flag, the argument is an integer. 1==Full
Duplex, 0==Half Duplex.

wait
the KISS wait value, the argument is an integer in mS.

min
the KISS min value, the argument is an integer in S.

maxkey
the KISS maximum keyup time, the argument is an integer in S.

idle
the KISS idle timer value, the argument is an integer in S.

maxdef
the KISS maxdef value, the argument is an integer.

group
the KISS group value, the argument is an integer.

txoff
the KISS txoff value, the argument is an integer in mS.

softdcd
the KISS softdcd value, the argument is an integer.

slip
the KISS slip flag, the argument is an integer.

12.3. Using the driver.

To use the driver you simply treat the /dev/scc* devices just as you would a serial tty device with a KISS TNC connected to it. For example, to configure Linux Kernel networking to use your SCC card you could use something like:

axattach -s 4800 /dev/scc0 VK2KTJ

You can also use NOS to attach to it in precisely the same way. From JNOS for example you would use something like:
attach asy scc0 0 ax25 scc0 256 256 4800

12.4. The sccstat and sccparam tools.

To assist in the diagnosis of problems you can use the sccstat program to display the current configuration of an SCC device. To use it try:

sccstat /dev/scc0

you will displayed a very large amount of information relating to the configuration and health of the /dev/scc0 SCC port.

The sccparam command allows you to change or modify a configuration after you have booted. Its syntax is very similar to the NOS param command, so to set the txtail setting of a device to 100mS you would use:

sccparam /dev/scc0 txtail 0x8

13. Configuring an interface for a Baycom modem.

Thomas Sailer, <sailer@ife.ee.ethz.ch>, despite the popularly held belief that it would not work very well, has developed Linux support for Baycom modems. His driver supports the Ser12 serial port, Par96 and the enhanced Par97 parallel port modems.

When the driver is running it follows the standard of looking like a KISS interface, so you treat it in much the same way as you would the PI card, PacketTwin or SCC driver ports.

13.1. Compiling the kernel

The driver is only available as a module, so you must have compiled module support into your kernel, and also selected the appopriate options to support the Baycom driver during the make config stage when compiling your kernel.

The relevant options that you must answer `Y' for are:

Radio network interfaces (CONFIG_NET_RADIO) [N/y/?]
BAYCOM ser12 and par96 kiss emulation driver for AX.25 (CONFIG_BAYCOM) [N/y/m/?]

13.2. Creating the /dev device files.

The Baycom driver uses special device files in the /dev directory.
You need to create these manually. The following commands should work
ok for you:

mknod /dev/bc0 c 60 0
mknod /dev/bc1 c 60 1
mknod /dev/bc2 c 60 2
mknod /dev/bc3 c 60 3

You will use these later.

13.3. Loading the module.

When the kernel compilation is complete and you have installed the
module baycom.o wherever you normally keep your modules
(conventionally they are stored in /lib/modules/2.0.0/), you must
start the module. The module takes configuration paramters from the
insmod command line, so you must start it manually from an rc file or
if you use the kerneld program you must configure it with the relevant
paramters so that it supplies them when it loads the module.

If you use kerneld you will need to add the following line to your
/etc/conf.modules file:

alias char-major-60 baycom

There are four main items to specify when loading the module, they
are:

modem
the baycom modem type you are configuring it for.

1. Ser12 type modem.

2. Par96 or Par97 type modem.

iobase
the i/o address of the serial or parallel port you will use.

0x3f8
COM1:

0x2f8
COM2:

0x378
LPT1:

0x278
LPT2:

irq
the Interrupt Request (IRQ) line your port will use.

4 COM1:

3 COM2:

7 LPT1:

5 LPT2:

options
some baycom specific options.

0 use hardware generated DCD signal.

1 use software DCD signal.

13.4. A small trap to be aware of.

Because the Baycom driver uses the serial and parallel ports of your machines, and because it is a low level driver for these, it competes with the existing serial and parallel drivers in the kernel. There are some ways of working around this problem. The first way is to make sure that you load the Baycom module first so that it takes the hardware it needs before the serial or parallel device driver modules load and search for their own. With the serial driver you have the luxury of being able to disable it for a single port using the setserial command, this will be demonstrated in the examples. If you are using the parallel port modems then beware of the lp.o Line Printer and plip.o Parallel Line IP modules.

13.5. Some example configurations.

These examples are for the two most common configurations.

Disable the serial driver for COM1: then configure the Baycom driver for a Ser12 serial port modem on COM1: with the software DCD option enabled:

```
# setserial /dev/ttyS0 uart none
# insmod baycom modem=1 iobase=0x3f8 irq=4 options=1
```

Par96 parallel port type modem on LPT1: using hardware DCD detection:

```
# insmod baycom modem=2 iobase=0x378 irq=7 options=0
```

The first device created is /dev/bc0, the second is /dev/bc1 etc.

13.6. Configuring multiple devices.

Using the insmod program and its command line arguments you can only configure one Baycom modem. There is a setbaycom utility which I have not yet located that will allow you to configure others. If you happen to find it please let me know where it is kept so that I can include details for it here.

13.7. Actually using the devices.

This device driver when loaded looks like a serial tty driver with a KISS TNC attached. This means that configuration of the AX.25 software for this driver is identical to the configuration for a KISS TNC presented earlier. You need to use the axattach program and add the port to your /usr/local/etc/axports file. The only difference is that you would use the device /dev/bc0 instead of /dev/ttyS0.

14. Configuring ax25d to accept incoming AX.25/Netrom connections.

Linux is a powerful operating system and offers a great deal of flexibility in how it is configured. With this flexibility comes a cost in configuring it to do what you want. When configuring your Linux machine to accept incoming AX.25 or NetRom connections there are a number of questions you need to ask yourself. The most important of which is: "What do I want users to see when they connect?". As detailed in the HAM-HOWTO there are BBS systems that are being developed that you might want users to see when they connect, alternatively you might want to give users a login prompt so that they can make use of a shell account, or you might even have written your own program, such as a customised database or a game, that you want people to connect to. Whatever you choose, you must tell the AX.25 software about this so that it knows what software to run when it accepts an incoming AX.25 connection.

14.1. Creating the /usr/local/etc/ax25d.conf file.

This file is the configuration file for the ax25d AX.25 daemon which handles incoming AX.25 and NetRom connections.

The file is a little cryptic looking at first, but you'll soon discover it is very simple in practice, with a small trap for you to be wary of.

The format of the ax25d.conf file is as follows:

```
# This is a comment and is ignored by the ax25d program.
[<interface_call>]
<peer1> window T1 T2 T3 N2 <mode> <uid> <cmd> <cmd-name> <arguments>
<peer2> window T1 T2 T3 N2 <mode> <uid> <cmd> <cmd-name> <arguments>
defaults window T1 T2 T3 N2 <mode> <uid> <cmd> <cmd-name> <arguments>
<peer3> window T1 T2 T3 N2 <mode> <uid> <cmd> <cmd-name> <arguments>
default window T1 T2 T3 N2 <mode> <uid> <cmd> <cmd-name> <arguments>
```

Where:

at the start of a line marks a comment and is completely ignored by the ax25d program.

<interface_call>
is the AX.25 callsign of the AX.25 or NetRom interface that this particular paragraph is for.

<peer>
is the callsign of the peer node that this particular
configuration applies to. If you don't specify an SSID here then
any SSID will match.

window
is the AX.25 Window parameter (K) or MAXFRAME parameter for this
configuration.

T1 is the Frame retransmission (T1) timer in half second units.

T2 is the amount of time the AX.25 software will wait for another
incoming frame before preparing a response in 1 second units.

T3 is the amount of time of inactivity before the AX.25 software
will disconnect the session in 1 second units.

N2 is the number of consecutive retransmissions that will occur
before the connection is closed.

<mode>
provides a mechanism for determining certain types of general
permissions. The modes are enabled or disabled by setting or
resetting bits in an 8 bit map. You set that map by setting
<mode> to the sum of the following values:

1 Setup utmp, and run on a ptty (planned).

2 UNUSED.

4 UNUSED.

8 UNUSED.

16 UNUSED.

32 UNUSED.

64 Disallow digipeated uplinks, only allow direct connections.

128
Lockout, Barred, immediate disconnect.

<uid>
is the userid that the program to be run to support the
connection should be run as.

<cmd>
is the full pathname of the command to be run, with no arguments
specified.

<cmd-name>
is the text that should appear in a ps as the command name
running (normally the same as <cmd> except without the directory
path information.

<arguments>
are the command line argument to be passed to the <:cmd> when it is run. You pass useful information into these arguments by use of the following tokens:

%U AX.25 callsign of the connected party without the SSID, in uppercase.

%u AX.25 callsign of the connected party without the SSID, in lowercase.

%S AX.25 callsign of the connected party with the SSID, in uppercase.

%s AX.25 callsign of the connected party with the SSID, in lowercase.

You need one section in the above format for each AX.25 or NetRom interface you want to accept incoming AX.25 or NetRom connections on.

There are two special lines in the paragraph, one starts with the string `defaults' and other starts with the string `default' (yes there is a difference). These lines serve special functions.

The `default' lines purpose should be obvious, this line acts as a catch-all, so that any incoming connection on the <interface_call> interface that doesn't have a specific rule will match the `default' rule. If you don't have a `default' rule, then any connections not matching any specific rule will be disconnected immediately without notice.

The `defaults' line is a little more subtle, and here is the trap I mentioned earlier. In any of the fields for any definition for a peer you can use the `*' character to say `use the default value'. The `default' line is what sets those default values. The kernel software itself has some defaults which will be used if you don't specify any. The trap is that the these defaults apply only to those rules below the `default' line not to those above. You may have more than one `default' rule per interface definition, and in this way you may create groups of default configurations.

14.2. A simple example ax25d.conf file.

Ok, an illustrative example:

```
# ax25d.conf for VK2KTJ - 21/11/95
# This configuration uses the AX.25 port defined earlier.
[VK2KTJ-1]
NOCALL * * * * * 0 guest /usr/games/fortune
defaults 1 10 * * * 0 root /usr/local/sbin/axspawn axspawn %u +
VK2XLZ-1 * * * * * * * * *
VK2DAY-1 * * * * * * * * *
default 1 10 5 100 5 0 root /usr/local/bin/pms pms -a -o vk2ktj
#
```

This example says that anybody connecting to the interface on my machine with the callsign VK2KTJ-1 will have the following rules applied:

Anyone whose callsign is set to `NOCALL' should use the kernel default parameters and have the fortune program run as guest for them.

The defaults line changes two parameters from the kernel defaults (Window and T1) and will run the /usr/local/sbin/axspawn program for them. Any copies of /usr/local/sbin/axspawn run this way will appear as axspawn in a ps listing for convenience. The next two lines definitions for two stations who will receive those permissions.

The last line in the paragraph is the `catch all' definition that everybody else will get (including VK2XLZ and VK2DAY using any other SSID other than -1). This definition sets all of the parameters implicitly and will cause the pms program to be run with a command line argument indicating that it is being run for an AX.25 connection (assuming VK2KTJ-1 to be an AX.25 interface) and that the owner callsign is VK2KTJ. (See the `Configuring the PMS' section below for more details).

If you wanted to define rules for another interface, a NetRom interface for example, then you would add another paragraph coded in the same way with rules and callsign appropriate to it.

This example is a contrived one but I think it illustrates clearly the important features of the syntax of the configuration file. Jonathon includes a much longer and more detailed example in the ax25-utils package that you should look at if you need more information.

14.3. Starting ax25d

When you have the two configuration files completed you start ax25d with the command:

/usr/local/sbin/ax25d

When this is run people should be able to make AX.25 connections to your Linux machine. Remember to put the ax25d command in your rc files so that it is started automatically when you reboot each time.

14.4. Configuring axspawn.

The axspawn program is a simple program that allows AX.25 stations who connect to be log in to your machine. It is invoked from the ax25d program as described above. To allow a user to log in to your machine you should add a line similar to the following into your /usr/local/etc/ax25d.conf file:

default * * * * * 1 root /usr/local/sbin/axspawn axspawn %u

If the line ends in the + character then the connecting user must hit return before they will be allowed to login. The default is to not wait. Any individual host configurations that follow this line will

have the axspawn program run when they connect. When axspawn is run it first checks that the command line argument it is supplied is a legal callsign, strips the SSID, then it checks that /etc/passwd file to see if that user has an account configured. If there is an account, and the password is either "" (null) or + then the user is logged in, if there is anything in the password field the user is prompted to enter a password. If there is not an existing account in the /etc/passwd file then axspawn may be configured to automatically create one.

14.4.1. Creating the /usr/local/etc/axspawn.conf file.

You can alter the behaviour of axspawn in various ways by use of the /usr/local/etc/axspawn.conf file. This file is formatted as follows:

```
# /usr/local/etc/axspawn.conf
#
# allow automatic creation of user accounts
create yes
#
# guest user if above is 'no' or everything else fails. Disable with "no"
guest no
#
# group id or name for autoaccount
group ax25
#
# first user id to use
first_uid 2001
#
# maximum user id
max_uid 3000
#
# where to add the home directory for the new users
home /home/ax25
#
# user shell
shell /bin/bash
#
# bind user id to callsign for outgoing connects.
associate yes
```

The eight configurable characteristics of axspawn are as follows:

```
# indicates a comment.
```

```
create
if this field is set to yes then axspawn will attempt to
automatically create a user account for any user who connects
and does not already have an entry in the /etc/passwd file.
```

```
guest
this field names the login name of the account that will be used
for people who connect who do not already have accounts if
```

create is set to no. This is usually ax25 or guest.

group
this field names the group name that will be used for any users
who connect and do not already have an entry in the /etc/passwd
file.

first_uid
this is the number of the first userid that will be
automatically created for new users.

max_uid
this is the maximum number that will be used for the userid of
new users.

home
this is the home (login) directory of new users.

- --- END Linux AX25 HOWTO part 1/2 ---

-----BEGIN PGP SIGNATURE-----
Version: 2.6.2
Comment: finger gregh@cc.gatech.edu for public key

iQCVAwUBMgQNyntNTo2suu5NAQHcNQP+OkKmX14c5ClsRKfQzJFSqYu5XAXnHT42
hgnzIoGRDBPrNAy6hoU/zsuXotzgcWFD3qgPHMGVrtXJJmexxrvNi6m1laI2Q0L5
Bq1ThJ1NN5q5YTqzLDbKy9mih8f65dL9nP1zgHgnzheBD1Uqn1OonQmV9LNdB2D/
wxVxHaapjiQ=
=96S0
-----END PGP SIGNATURE-----

219. Linux AX25 HOWTO (part 2/2)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: Terry Dawson <terry@perf.no.itg.telecom.com.au>
Message-ID: <AX25-HOWTO.2-17281.839126515@cc.gatech.edu>
Source record: 219641
Cross-posted to: comp.os.linux.answers,rec.radio.amateur.misc,aus.radio.amateur.digital

Archive-name: linux/howto/ax25/part2
Last-modified: 23 Jun 96

-----BEGIN PGP SIGNED MESSAGE-----

*** The `Linux AX25 HOWTO' is posted automatically by the
*** Linux HOWTO coordinator, Greg Hankins <gregh@sunsite.unc.edu>. Please
*** direct any comments or questions about this HOWTO to the author,
*** Terry Dawson <terry@perf.no.itg.telecom.com.au>.

- --- BEGIN Linux AX25 HOWTO part 2/2 ---

shell
this is the login shell of any new users.

associate
this flag indicates whether outgoing AX.25 connections made by
this user after they login will use their own callsign, or your
stations callsign.

14.5. Configuring the pms

The pms program is an implementation of a simple personal message system. It was originally written by Alan Cox. Dave Brown, N2RJT, <dcb@vectorbd.com> has taken on further development of it. At present it is still very simple, supporting only the ability to send mail to the owner of the system and to obtain some limited system information but Dave is working to expand its capability to make it more useful.

Configuring the pms program is still a little clumsy at the moment because it is new but bare with it while Dave works on it. The only difficult part is modifying the source code to support your local mail delivery agent and whether you use the ttylinkd program or the talk-ax25 program.

After that is done there are a couple of simple files that you should create that give users some information about the system and then you need to add appropriate entries into the ax25d.conf file so that connected users are presented with the PMS.

14.5.1. Customising pms.c

If you take a look at the pms.c file in the ax25-utils package you will see that there a few items that you can configure. Perhaps the most important to configure is the one that allows you to specify what local mail delivery agent you use. In most installations the deliver program may well work, but in the minimal installation on my gateway

machine I needed to modify the line that previously said:

#define MAIL_DELIVERY_AGENT "deliver %s"

to:

#define MAIL_DELIVERY_AGENT "/bin/mail.local %s"

There is no easy way of knowing what local delivery agent your machine is configured to use, so perhaps you could simply look for either of these files in the obvious places and choose whichever seems to be there.

I also have the ttylinkd program installed, so I needed to modify the section relating to it. I keep my copy of the ttylinkd program in my /usr/sbin directory, so I modified the line that previously said:

/* #define MY_TALK "/usr/local/sbin/ttylinkd" */

to:

#define MY_TALK "/usr/sbin/ttylinkd"

If you use the talk-ax25 program then you would remove the /* and */ from around that line instead.

There is one last definition that might be useful to you, and that is if you have a default email gateway. This line is the line containing the string MY_GATEWAY. If you have an email gateway that you use, then you should remove the comments from this line and change the address to that of your gateway.

14.5.2. Create the /usr/local/pms/motd file.

The /usr/local/pms/motd file contains the `message of the day' that users will be presented with after they connect and receive the usual BBS id header. The file is a simple text file, any text you include in this file will be sent to users.

14.5.3. Create the /usr/local/pms/info file.

The /usr/local/pms/info file is also a simple text file in which you would put more detailed information about your station or configuration. This file is presented to users in response to their issuing of the Info command from the PMS> prompt.

14.5.4. Associate AX.25 callsigns with system users.

When a connected user sends mail to an AX.25 callsign, the pms expects that callsign to be mapped, or associated with a real system user on your machine.

You make this association with the axparms command. An example looks like:

axparms -assoc vk2ktj terry

This command associates that AX.25 callsign vk2ktj with the user terry on the machine, so any mail for vk2ktj on the pms will be sent to terry.

Remember to put these associations into your rc file so that they are available each time your reboot.

14.5.5. Add the PMS to the /usr/local/etc/ax25d.conf file.

Adding the pms to your ax25d.conf file is very simple. There is one small thing you need to think about though. Dave has added command line arguments to the PMS to allow it to handle a number of different text end-of-line conventions. AX.25 and NetRom by convention expect the end-of-line to be carriage return, linefeed while the standard unix end-of-line is just newline. So, for example, if you wanted to add an entry that meant that the default action for a connection received on an AX.25 port is to start the PMS then you would add a line that looked something like:

default 1 10 5 100 5 0 root /usr/local/bin/pms pms -a -o vk2ktj

This simply runs the pms program, telling it that it is an AX.25 connection it is connected to and that the PMS owner is vk2ktj. Check the man page for what you should specify for other connection methods.
14.5.6. Test the PMS.

To test the PMS, you can try the following command from the command line:

/usr/local/bin/pms -u vk2ktj -o vk2ktj

Substitute your own callsign for mine and this will run the pms, telling it that it is to use the unix end-of-line convention, and that user logging in is vk2ktj. You can do all the things connected users can.

Additionally you might try getting some other node to connect to you to confirm that your ax25d.conf configuration works.

15. HOWTO link NOS and the Linux kernel networking software

Many people like to run some version of NOS under Linux because it has all of the features and facilities they are used to. Most of those people would also like to have the NOS running on their machine capable of talking to the Linux kernel so that they can offer some of the linux capabilities to radio users.

15.1. Linking NOS and Linux using a pipe device

Brandon S. Allbery, KF8NH, contributed the following information to explain how to interconnect the NOS running on a Linux machine with the kernel code using the Linux pipe device.

Since both Linux and NOS support the slip protocol it is possible to link the two together by creating a slip link. You could do this by using two serial ports with a loopback cable between them, but this

would be slow and costly. Linux provides a feature that many other Unix-like operating systems provide called `pipes'. These are special pseudo devices that look like a standard tty device to software but in fact loopback to another pipe device. To use these pipes the first program must open the master end of the pipe, and the open then the second program can open the slave end of the pipe. When both ends are open the programs can communicate with each other simply by writing characters to the pipes in the way they would if they were terminal devices.

To use this feature to connect the Linux Kernel and a copy of NOS, or some other program you first must choose a pipe device to use. You can find one by looking in your /dev directory. The master end of the pipes are named: ptyp[1-f] and the slave end of the pipes are known as: ttyp[1-f]. Remember they come in pairs, so if you select /dev/ptypf as your master end then you must use /dev/ttypf as the slave end.

Once you have chosen a pipe device pair to use you should allocate the master end to you linux kernel and the slave end to the NOS program, as the Linux kernel starts first and the master end of the pipe must be opened first. You must also remember that your Linux kernel must have a different IP address to your NOS, so you will need to allocate a unique address for it if you haven't already.

You configure the pipe just as if it were a serial device, so to create the slip link from your linux kernel you can use commands similar to the following:

```
# /sbin/slattach -s 38400 -p slip /dev/ptypf &
# /sbin/ifconfig sl0 broadcast 44.255.255.255 pointopoint 44.70.248.67 /
mtu 1536 44.70.4.88
# /sbin/route add 44.70.248.67 sl0
# /sbin/route add -net 44.0.0.0 gw 44.70.248.67
```

In this example the Linux kernel has been given IP address 44.70.4.88 and the NOS program is using IP address 44.70.248.67. The route command in the last line simply tells your linux kernel to route all datagrams for the amprnet via the slip link created by the slattach command. Normally you would put these commands into your /etc/rc.d/rc.inet2 file after all your other network configuration is complete so that the slip link is created automatically when you reboot. Note: there is no advantage in using cslip instead of slip as it actually reduces performance because the link is only a virtual one and occurs fast enough that having to compress the headers first takes longer than transmitting the uncompressed datagram.

To configure the NOS end of the link you could try the following:

```
# you can call the interface anything you want; I use "linux" for convenience.
attach asy ttypf - slip linux 1024 1024 38400
route addprivate 44.70.4.88 linux
```

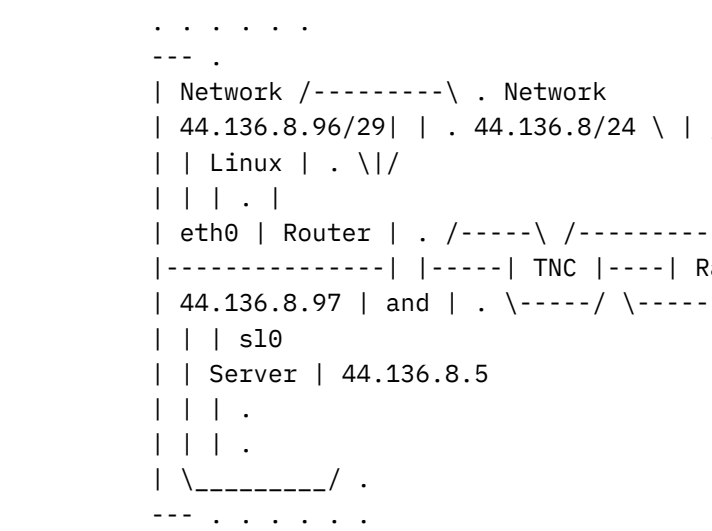
These commands will create a slip port named `linux' via the slave end of the pipe device pair to your linux kernel, and a route to it to make it work. When you have started NOS you should be able to ping and telnet to your NOS from your Linux machine and vice versa. If not, double check that you have made no mistakes especially that you have the addresses configured properly and have the pipe devices around the right way.

16. Some sample configurations.

Following are examples of the most common types of configurations. These are guides only as there are as many ways of configuring your network as there are networks to configure, but they may give you a start.

16.1. Small Ethernet LAN with Linux as a router to Radio LAN

Many of you may have small local area networks at home and want to connect the machines on that network to your local radio LAN. This is the type of configuration I use at home. I arranged to have a suitable block of addresses allocated to me that I could capture in a single route for convenience and I use these on my Ethernet LAN. Your local IP coordinator will assist you in doing this if you want to try it as well. The addresses for the Ethernet LAN form a subset of the radio LAN addresses. The following configuration is the actual one for my linux router on my network at home:




```
#!/bin/sh
# /etc/rc.net
# This configuration provides one KISS based AX.25 port and one
# Ethernet device.

echo "/etc/rc.net"
echo " Configuring:"

echo -n " loopback:"
/sbin/ifconfig lo 127.0.0.1
/sbin/route add 127.0.0.1
```

```
echo " done."

echo -n " ethernet:"
/sbin/ifconfig eth0 44.136.8.97 netmask 255.255.255.248 \
broadcast 44.136.8.103 up
/sbin/route add 44.136.8.97 eth0
/sbin/route add -net 44.136.8.96 netmask 255.255.255.248 eth0
echo " done."

echo -n " AX.25: "
axattach -i 44.136.8.5 -m 512 /dev/ttyS1 4800
ifconfig sl0 netmask 255.255.255.0 broadcast 44.136.8.255
route add -host 44.136.8.5 sl0
route add -net 44.136.8.0 window 1024 sl0

echo -n " Netrom: "
nrattach -i 44.136.8.5 netrom

echo " Routing:"
/sbin/route add default gw 44.136.8.68 window 1024 sl0
echo " default route."
echo done.

# end

/usr/local/etc/axports

# name callsign speed paclen window description
4800 VK2KTJ-0 4800 256 2 144.800 MHz

/usr/local/etc/nrports

# name callsign alias paclen description
netrom VK2KTJ-1 LINUX 235 Linux Switch Port

/usr/local/etc/nrbroadcast

# ax25_name min_obs def_qual worst_qual verbose
4800 1 120 10 1
```

• You must have IP_FORWARDING enabled in your kernel.

• The AX.25 configuration files are pretty much those used as examples in the earlier sections, refer to those where necessary.

• I've chosen to use an IP address for my radio port that is not within my home network block. I needn't have done so, I could have easily used 44.136.8.97 for that port too.

• 44.136.8.68 is my local IPIP encapsulated gateway and hence is where I point my default route.

• Each of the machines on my Ethernet network have a route:

```
route add -net 44.0.0.0 gw 44.136.8.97 window 512 mss 512 eth0
```

The use of the mss and window parameters means that I can get optimum performance from both local Ethernet and radio based connections.

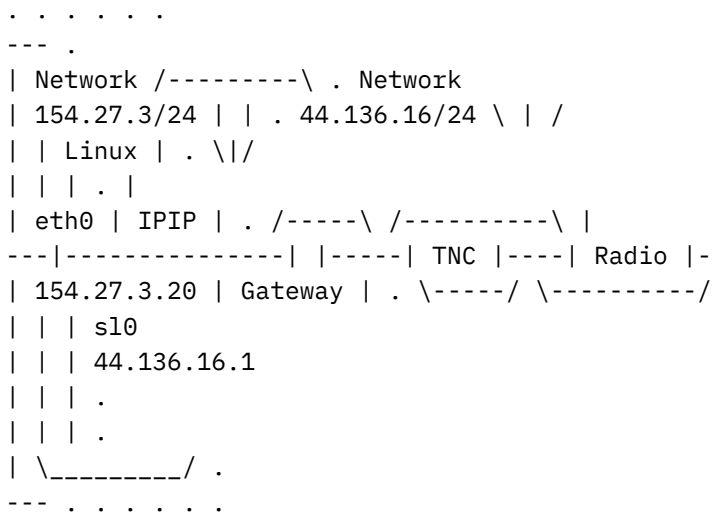
• I also run my sendmail, http, ftp and other daemons on the router machine so that it needs to be the only machine to provide others with facilities.

• The router machine is a lowly 386DX20 with a 20Mb harddrive and a very minimal linux configuration.

16.2. IPIP encapsulated gateway configuration.

Linux is now very commonly used for tcp/ip encapsulated gateways around the world. The new tunnel driver supports multiple encapsulated routes and makes the older ipip daemon obsolete.

A typical configuration would look similar to the following.



The configuration files of interest are:

```
# /etc/rc.net
# This file is a simple configuration that provides one KISS AX.25
# radio port, one Ethernet device, and utilises the kernel tunnel driver
# to perform the IPIP encapsulation/decapsulation
#
echo "/etc/rc.net"
echo " Configuring:"
#
echo -n " loopback:"
/sbin/ifconfig lo 127.0.0.1
/sbin/route add 127.0.0.1
echo " done."
#
echo -n " ethernet:"
/sbin/ifconfig eth0 154.27.3.20 netmask 255.255.255.0 \
broadcast 154.27.3.255 up
/sbin/route add 154.27.3.20 eth0
/sbin/route add -net 154.27.3.0 netmask 255.255.255.0 eth0
```

```
echo " done."
#
echo -n " AX.25: "
axattach -i 44.136.16.1 -m 512 /dev/ttyS1 4800
/sbin/ifconfig sl0 netmask 255.255.255.0 broadcast 44.136.16.255
/sbin/route add -host 44.136.16.1 sl0
/sbin/route add -net 44.136.16.0 netmask 255.255.255.0 window 1024 sl0
#
echo -n " tunnel:"
/sbin/ifconfig tunl0 44.136.16.1 mtu 512 up
#
echo done.
#
echo -n "Routing ... "
source /etc/ipip.routes
echo done.
#
# end.
```

and:

```
# /etc/ipip.routes
# This file is generated using the munge script
#
/sbin/route add 44.134.8.0 netmask 255.255.255.0 tunl0 gw 134.43.26.1
/sbin/route add 44.34.9.0 netmask 255.255.255.0 tunl0 gw 174.84.6.17
/sbin/route add 44.13.28.0 netmask 255.255.255.0 tunl0 gw 212.37.126.3
...
...
...
```

```
/usr/local/etc/axports

# name callsign speed paclen window description
4800 VK2KTJ-0 4800 256 2 144.800 MHz
```

Some points to note here are:

• The new tunnel driver uses the gw field in the routing table in place of the pointopoint parameter to specify the address of the remote IPIP gateway. This is why it now supports multiple routes per interface.

• You can configure two network devices with the same address. In this example both the sl0 and the tunl0 devices have been configured with the IP address of the radio port. This is done so that the remote gateway sees the correct address from your gateway in encapsulated datagrams sent to it.

• The route commands used to specify the encapsulated routes can be automatically generated by a modified version of the munge script. This is included below. The route commands would then be written to

a separate file and read in using the bash source /etc/ipip.routes
command (assuming you called the file with the routing commands
/etc/ipip.routes) as illustrated. The source file must be in the
NOS route command format.

• Note the use of the window argument on the route command. Setting
this parameter to an appropriate value improves the performance of
your radio link.

The new tunnel-munge script:

```
#!/bin/sh
#
# From: Ron Atkinson <n8fow@hamgate.cc.wayne.edu>
#
# This script is basically the 'munge' script written by Bdale N3EUA
# for the IPIP daemon and is modified by Ron Atkinson N8FOW. It's
# purpose is to convert a KA9Q NOS format gateways route file
# (usually called 'encap.txt') into a Linux routing table format
# for the IP tunnel driver.
#
# Usage: Gateway file on stdin, Linux route format file on stdout.
# eg. tunnel-munge < encap.txt > ampr-routes
#
# NOTE: Before you use this script be sure to check or change the
# following items:
#
# 1) Change the 'Local routes' and 'Misc user routes' sections
# to routes that apply to your own area (remove mine please!)
# 2) On the fgrep line be sure to change the IP address to YOUR
# gateway Internet address. Failure to do so will cause serious
# routing loops.
# 3) The default interface name is 'tunl0'. Make sure this is
# correct for your system.

echo "#"
echo "# IP tunnel route table built by $LOGNAME on `date`"
echo "# by tunnel-munge script v960307."
echo "#"
echo "# Local routes"
echo "route add -net 44.xxx.xxx.xxx netmask 255.mmm.mmm.mmm dev sl0"
echo "#"
echo "# Misc user routes"
echo "#"
echo "# remote routes"

fgrep encap | grep "^route" | grep -v " XXX.XXX.XXX.XXX" | \
awk '{
split($3, s, "/")
split(s[1], n,".")
if (n[1] == "") n[1]="0"
if (n[2] == "") n[2]="0"
```

```
if (n[3] == "") n[3]="0"
if (n[4] == "") n[4]="0"
if (s[2] == "1") mask="128.0.0.0"
else if (s[2] == "2") mask="192.0.0.0"
else if (s[2] == "3") mask="224.0.0.0"
else if (s[2] == "4") mask="240.0.0.0"
else if (s[2] == "5") mask="248.0.0.0"
else if (s[2] == "6") mask="252.0.0.0"
else if (s[2] == "7") mask="254.0.0.0"
else if (s[2] == "8") mask="255.0.0.0"
else if (s[2] == "9") mask="255.128.0.0"
else if (s[2] == "10") mask="255.192.0.0"
else if (s[2] == "11") mask="255.224.0.0"
else if (s[2] == "12") mask="255.240.0.0"
else if (s[2] == "13") mask="255.248.0.0"
else if (s[2] == "14") mask="255.252.0.0"
else if (s[2] == "15") mask="255.254.0.0"
else if (s[2] == "16") mask="255.255.0.0"
else if (s[2] == "17") mask="255.255.128.0"
else if (s[2] == "18") mask="255.255.192.0"
else if (s[2] == "19") mask="255.255.224.0"
else if (s[2] == "20") mask="255.255.240.0"
else if (s[2] == "21") mask="255.255.248.0"
else if (s[2] == "22") mask="255.255.252.0"
else if (s[2] == "23") mask="255.255.254.0"
else if (s[2] == "24") mask="255.255.255.0"
else if (s[2] == "25") mask="255.255.255.128"
else if (s[2] == "26") mask="255.255.255.192"
else if (s[2] == "27") mask="255.255.255.224"
else if (s[2] == "28") mask="255.255.255.240"
else if (s[2] == "29") mask="255.255.255.248"
else if (s[2] == "30") mask="255.255.255.252"
else if (s[2] == "31") mask="255.255.255.254"
else mask="255.255.255.255"

if (mask == "255.255.255.255")
printf "route add -host %s.%s.%s.%s gw %s dev tunl0\n"\
,n[1],n[2],n[3],n[4],$5
else
printf "route add -net %s.%s.%s.%s gw %s netmask %s dev tunl0\n"\
,n[1],n[2],n[3],n[4],$5,mask
}'

echo "#"
echo "# default the rest of amprnet via mirrorshades.ucsd.edu"
echo "route add -net 44.0.0.0 gw 128.54.16.18 netmask 255.0.0.0 dev tunl0"
echo "#"
echo "# the end"
```

17. Discussion relating to Amateur Radio and Linux.

There are various places that discussion relating to Amateur Radio and Linux take place. They take place in the comp.os.linux.* newsgroups, they also take place on the HAMS list on vger.rutgers.edu. Other places where they are held include the tcp-group mailing list at ucsd.edu (the home of amateur radio tcp/ip discussions), and you might also try the #linpeople channel on the linuxnet irc network.

To join the Linux linux-hams channel on the mail list server, send mail to:

Majordomo@vger.rutgers.edu

with the line:

subscribe linux-hams

in the message body. The subject line is ignored.

To join the tcp-group send mail to:

listserver@ucsd.edu

with the line:
subscribe tcp-group

in the body of the text.

Note: Please remember that the tcp-group is primarily for discussion of the use of advanced protocols, of which tcp/ip is one, in Amateur Radio. Linux specific questions should not ordinarily go there.

18. Copyright.

The AX25-HOWTO, information on how to install and configure some of the more important packages providing AX25 support for Linux.
Copyright (c) 1996 Terry Dawson.

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You should have received a copy of the GNU General Public License along with this program; if not, write to the:

Free Software Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.

- --- END Linux AX25 HOWTO part 2/2 ---

-----BEGIN PGP SIGNATURE-----
Version: 2.6.2

```
Comment: finger gregh@cc.gatech.edu for public key

iQCVAwUBMgQN33tNTo2suu5NAQFsIgP9FLarahE6TSJskXJnrdxWVkWzxlfoEmvr
ybwQWME7Y41uwwJ8SbdLorIJ9g1grfs/Anxl8PMIC86fghRGOA4wampw+SQkmUOU
tvS8PCKyloqMWUomeiMocGJptrUHwzkUfiuK9EH13+n5uP/D4xuPUVeqHmsHIkYs
BQHw5MKJNEU=
=4/U6
-----END PGP SIGNATURE-----
```

220. Linux HAM HOWTO (part 1/2)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: Terry Dawson <terry@perf.no.itg.telecom.com.au>
Message-ID: <HAM-HOWTO.1-17740.839127289@cc.gatech.edu>
Source record: 219642
Cross-posted to: comp.os.linux.answers,rec.radio.amateur.misc,aus.radio.amateur.digital

```
Archive-name: linux/howto/ham/part1
Last-modified: 4 May 96

-----BEGIN PGP SIGNED MESSAGE-----

*** The `Linux HAM HOWTO' is posted automatically by the
*** Linux HOWTO coordinator, Greg Hankins <gregh@sunsite.unc.edu>. Please
*** direct any comments or questions about this HOWTO to the author,
*** Terry Dawson <terry@perf.no.itg.telecom.com.au>.

- --- BEGIN Linux HAM HOWTO part 1/2 ---

Linux HAM-HOWTO, Amateur Radio.
Terry Dawson, VK2KTJ, terry@perf.no.itg.telecom.com.au
v2.0, 30 April 1996

It is hoped that this document will assist Amateur Radio operators in
finding and trying the various amateur radio software that has been
written for or ported to Linux. It is also hoped that as a consequence
of this information being available that more amateur radio operators
will choose Linux as the platform of choice for their experimentation,
and that software developers will choose Linux as the platform for
their software development, further expanding the role of operating
systems like Linux in the Amateur Radio field.

1. Introduction.

This list was prompted by comments that had been expressed in the
various Linux newsgroups about the number of amateur radio operators
that were involved with Linux. It is now clear that Linux is becoming
a popular platform for Amateur Radio development work.

This list was originally called the RADIOLINUX list, but has been
moved into the Linux Documentation Project HOWTO collection, so it has
been renamed the HAM-HOWTO. I make no apologies for the name.

1.1. Changes from the previous version

Additions:
ObjectProDSP
LBBS - maybe.
Mike Westfall's ttylinkd
Craig Small's ttylinkd
predict, uo11, dove, kepgen - thanks John!
Corrections/Updates:
Copyright changed to GNU GPL version 2.0
```

Removed the Hints/Tricks section and made it the AX25-HOWTO
Removed the SCC, PI, PacketTwin and moved them to AX25-HOWTO
Updated svgaftt - thanks Andrew!
A small fixlet for TNOS on ftp.ucsd.edu
Updated chipmunk home site - thanks John!
Updated TNT to DPTNT

2. Where to obtain new versions of this document.

The Linux Documentation Project runs a Web Server and this document appears there as The HAM-HOWTO <http://sunsite.unc.edu/mdw/HOWTO/HAM-HOWTO.html>.

Dennis Boylan N4ZMZ <dennis@nanovx.atl.ga.us> makes it available at the following three locations:

www.com <http://www.com/linux/radio/index.html>, www.hboc.com <http://www.hboc.com/linux/index.html> and www.lan.com <http://www.lan.com/linux/index.html>.

John Gotts N8QDW <jgotts@engin.umich.edu> makes it available at: www.engin.umich.edu <http://www-personal.engin.umich.edu/~jgotts/linuxhamsoft.html>.

Dan Todd <dantodd@fusilli.ucdavis.edu> makes it available at the following two locations: wheel.dcn.davis.ca <http://wheel.dcn.davis.ca/~dantodd/Linux/HAM-HOWTO.html>, and fusilli.ucdavis.edu <http://fusilli.ucdavis.edu/Linux/HAM-HOWTO.html>.

Alan Hargreaves VK2KVF <alan@dap.CSIRO.AU> makes it available in Australia at: www.dap.csiro.au <http://www.dap.csiro.au/RadioLinux>.

The Tuebingen Radio Club has it available from their home page at: DARC Home Page <http://www.neckar-alb.de/darc/welcome.html>

Please let me know if you'd like to make it available somewhere too. I'd like to see it on some Web Servers that are accessible from radio.

3. Satellite Software.

The following software is for use in experimentation with Satellite communication.

3.1. MicroSat Ground Station Software

Author
John Melton, G0ORX/N6LYT, g0orx@amsat.org and Jonathan Naylor G4KLX, g4klx@amsat.org

Description
Microsat Ground Station software.

Status
BETA. Version 0.9-Xaw released.

System requirements
Alan Cox's kernel based AX.25 support ver 1.1.12 or better. X-Windows. The programs make use of the Athena Widgets and look much better with the 3D libraries.

Detail
This software allows you to use of a KISS tnc to directly communicate with the Microsat series of satellites. It provides an Athena Widgets based X-Windows interface, and allows you a comprehensive range of means of interacting with the satellite. The software should work with any window manager.

The software provides the following programs:

xpb:
broadcast monitor

xpg:
ftl0 file upload program, message upload program

xtlm:
telemetry display program

downloaded:
downloaded file list viewer

directory:
directory list viewer

message:
message preparation application

viewtext:
uncompressed ASCII text file viewer

viewlog:
display the contents of some log files

xweber:
special program for downloading webersat images

phs:
general purpose PACSAT header stripper

Where and How to obtain it.
John's software is available from: ftp.amsat.org
<ftp://ftp.amsat.org/amsat/software/Linux/microsat-0.9-Xaw.tar.gz>
or ftp.funet.fi
<ftp://ftp.funet.fi/pub/ham/satellite/pacsat/microsat-0.9-Xaw.tar.gz>.
Please check for new versions.

Licensing/Copyright
GNU Public License. Freely redistributable, No warranty.

Contributed by:
John Melton, G0ORX/N6LYT, Alan Cox, GW4PTS, Jonathon Naylor,

G4KLX

3.2. SatTrack - Satellite tracking program

Name
SatTrack

Author
Manfred Bester, DL5KR, manfred@ssl.berkeley.edu, (510) 849-9922

Description
Satellite realtime tracking and orbit prediction program with
X11 color graphics.

Status
Version 3.1 has been released.

System requirements
A vt100 terminal and or X11 server. A Maths Coprocessor is
useful, but not essential, for good performance.

Detail
SatTrack is a satellite tracking program that has been written
in 'C' language on a UNIX workstation. It provides two different
live displays, for single or multiple satellites, and two
different orbit prediction facilities. Cursor controls used in
both live displays are compatible with the VT100 standard, which
allows the program to be run basically from any terminal. An
optional X Window graphics display shows the typical world map
tracking chart. The orbit prediction can be run either
interactively or in a batch mode. In the latter case all
necessary parameters are specified on the command line. The
program uses the NORAD/NASA two-line Keplerian element (TLE)
sets directly.

The current version of SatTrack can track a single satellite
and/or display multiple satellites for a single ground station.
It also can control suitable ground station hardware, like
antennas and radio equipment, and has an autotrack mode in which
it switches automatically between a number of specified
satellites. For calibration purposes tracking of the Sun and the
Moon are also provided. Future releases will provide more
options. SatTrack requires about 5 MB of disk space in the full
distribution with eight different world maps (2 styles, with 4
different sizes each, to fit everyone's screen and taste) and
less than 1.5 MB of memory at run time. More information can be
obtained from the SatTrack WWW Home Page
<http://www.primenet.com/~bester/sattrack.html>

Compiling the software under Linux is quite straightforward.
Manfred has designed the Makefile to compile the software
directly under your home directory, this is easy to change.

The steps I took were:

```
# cd /usr/src
# export HOME=/usr/src
# gzip -dc sattrack-3.1.1.tar.gz | tar xvf -
# cd SatTrack/src
# vi Makefile
{Comment SUN4 compile options}
{Uncomment the linux options}
{Select the options you want}
# make
```

Where and How to obtain it.
SatTrack can be found at: ftp.amsat.org
<ftp://ftp.amsat.org/amsat/software/Linux/sattrack-3.1.1.tar.gz>
or ftp.jvnc.net
<ftp://ftp.jvnc.net/priv/kupiec/sattrack/sattrack-3.1.1.tar.gz>
or the SatTrack WWW Home Page
<http://ssl.berkeley.edu/isi_www/sattrack-3.1.1.tar.gz>

Licensing/Copyright
The software is Copyright of Manfred Bester. It can be used without special permission for non-profit, non-commercial use. For commercial applications a license from the author is required.

Contributed by:
Manfred Bester, DL5KR

3.3. Predict

Author
John A. Magliacane, KD2BD, <kd2bd@amsat.org>

Description
A satellite orbital prediction program that also tracks the sun's position to predict visible satellite passes.

Status
Complete and working.

System requirements
predict is a screen-oriented program that utilizes the ncurses-1.8.5 (or later) library. A color terminal is a plus, but not a necessity.

Detail
Features of predict include azimuth and elevation headings of satellite passes, orbital phase, sub-satellite point locations, slant ranges, orbit numbers, and sunlight visibility as a function of date and time. The program is simple, fast, and easy to use. Predict maintains an orbital database for 21 satellites that can be updated by the user through the keyboard or by using files containing NASA 2-line orbital element data. Since this

program operates under a multiuser environment, each user on the system owns and maintains his or her own unique orbital data base.

This program has been compiled using the highest level of compiler optimization for high speed execution, and uses an a.out binary format for greatest compatibility.

To install the package use the following:

```
# cd /
# tar xvfz predict.tgz
```

Where and How to obtain it.
You can obtain predict from: pilot.njin.net
<ftp://pilot.njin.net/pub/SpaceNews/linux>

Licensing/Copyright
This software is available free of charge and must be used for non-commercial purposes only.

Contributed by
John A. Magliacane, KD2BD

3.4. UO11

Author
John A. Magliacane, KD2BD, <kd2bd@amsat.org>

Description
A simple UoSAT-OSCAR-11 satellite telemetry decoding program.

Status
Complete and working.

System requirements
A 1200 baud UoSAT-OSCAR-11 FSK demodulator (Bell-202 is suitable), a VHF-FM receiver that can tune to 145.825 MHz, a small yagi antenna, and a communications program such as Minicom that can save 1200 baud ASCII telemetry data to a text file.

Detail
uo11 decodes ASCII telemetry data that has been captured through a terminal program, error checks the received data, and applies calibration equations to the received data to produce a report that can be easily understood and analyzed. uo11 comes pre-compiled (a.out format) with a man page entry for ease of use.

To install you should use the following commands:

```
# cd /
# tar xvfz uo11.tgz
```

Where and How to obtain it.
You can obtain uo11 from: pilot.njin.net

<ftp://pilot.njin.net/pub/SpaceNews/linux>.

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This software is available free of charge and must be used for
non-commercial purposes only.

Contributed by
John A. Magliacane, KD2BD

3.5. Dove

Author
John A. Magliacane, KD2BD, <kd2bd@amsat.org>

Description
A simple DOVE-OSCAR-17 satellite telemetry decoding program.

Status
Complete and working.

System requirements
A terminal node controller (TNC), a VHF-FM receiver that can
tune to 145.825 MHz, a small yagi antenna, and a communications
program such as Minicom that can save 1200 baud ASCII telemetry
data to a text file.

Detail
dove decodes ASCII telemetry data that has been captured through
a terminal program and applies calibration equations to the
received data to produce a report that can be easily understood
and analyzed. dove comes pre-compiled (a.out format) with a man
page entry for ease of use.

To install Dove you should use the following commands:

cd /
tar xvfz dove.tgz

Where and How to obtain it.
You can obtain Dove from: pilot.njin.net
<ftp://pilot.njin.net/pub/SpaceNews/linux>.

Licensing/Copyright
This software is available free of charge and must be used for
non-commercial purposes only.

Contributed by
John A. Magliacane, KD2BD

3.6. Kepgen

Author
John A. Magliacane, KD2BD, <kd2bd@amsat.org>

Description
A simple, yet useful utility that generates Keplerian data files
in the NASA 2-line format from data entered through the
keyboard.

Status
Complete.

System requirements
kepgen is a screen-oriented program that utilizes the
ncurses-1.8.5 (or later) library. A color terminal is a plus,
but not a necessity.

Detail
kepgen allows the user to create checksummed Keplerian data
files in the NASA 2-line format using orbital data entered via
the keyboard. kepgen was created out of the need for generating
2-line orbital files from orbital data copied from WA3NAN audio
transmissions during Space Shuttle missions. The files created
can be read by virtually any satellite tracking or orbital
prediction program. kepgen comes pre-compiled (a.out format)
with a man page entry for ease of use.

To install kepgen you should use the following commands:

cd /
tar xvfz kepgen.tgz

Where and How to obtain it.
You can obtain kepgen from: pilot.njin.net
<ftp://pilot.njin.net/pub/SpaceNews/linux>.

Licensing/Copyright
This software is available free of charge and must be used for
non-commercial purposes only.

Contributed by
John A. Magliacane, KD2BD

4. Shack Automation Software.

Software for simplifying tasks in the shack. Examples might include
software for controlling the newer breed of radios, logging programs,
QSL database, or antenna rotation.

4.1. FT-890 remote control

Author
Emarit Ranu, drranu@holly.ColoState.EDU, KG0CQ.

Description
A simple program to control a Yaesu FT-890 transciever via its
CAT port from linux.
Status
Working

System requirements
Yaesu FT-890, Yaesu FIF-232C interface converter or homebuilt equivalent (Feb 1993 "QST", page 37). Linux, serial cable.

Detail
The program is started with one parameter specifying the com port to use. Once started the program is menu driven. Future versions will support an X-Windows interface.

Where and How to obtain it.
The software is currently only available from the author by email.

Licensing/Copyright
You may copy this program millions of times, the only restrictions are:

- You may not charge ANYONE for the program itself.
- You may not distribute modified versions of the program.
- If you distribute the program, it MUST be the ORIGINAL tar file as received by the author. The README file has to be included.

Contributed by:
Emarit Ranu, drranu@holly.ColoState.EDU

5. Packet Radio

Software for use in conjunction with, or for facilitating packet radio.

5.1. JNOS

Author
Brandon Allbery, KF8NH, bsa@kf8nh.wariat.org

Description
Brandon ported JNOS to Linux. His port is currently of the 1.09 (aka 1.08df) release of JNOS. Future versions will probably be based on Doug Crompton's evolution of 1.08df. Brandon suggests that JNOS for Linux is primarily of interest to people with existing DOS-based NOS configurations (especially server/switch configurations) who wish to switch to Linux or to escape the 640K barrier.

Status
Brandons code was rolled back into the main jnos distribution, so development on the two runs in parallel.

System Requirements.
Any version of Linux along with ncurses 1.8.1 or 1.8.5 (the latter is preferred). Optionally you will require Linux networking (at least loopback and slip).

Detail
If you include the Linux networking code in addition to JNOS, you can link the two by a slip link running over a pty, so that Linux can provide services to your radio users. In this way you can easily add servers without having to build them into JNOS itself.

Where and How to obtain it.
You can obtain JNOS for Linux ALPHA.4 at: ftp.ucsd.edu <ftp://ftp.ucsd.edu/hamradio/packet/tcpip/jnos/jnos110i.zip> ncurses is available on most Linux ftp sites.

Licensing/Copyright
Brandon's modifications to JNOS are public domain. Most of the pre-existing NOS code is copyrighted and restricted to non-commercial use by the various contributors from Phil Karn on.

Contributed by:
Brandon Allbery, KF8NH

5.2. TNOS

Author
Brian A. Lantz, brian@lantz.com

Description
TNOS is a NOS derivative that is being actively supported and which is available for both DOS and Linux. It features enhancements not found in other NOS versions.

Status
The current version is 2.0 and is stable.

System Requirements
Kernel networking slip support if you want to link the normal Linux network facilities with TNOS. A kiss tnc.

Detail
Brian maintains a World Wide Web server which contains up to date information on TNOS, you can find it at www.lantz.com <http://www.lantz.com/tnos/tnos.html>.

Where and how to obtain it
The current version of TNOS is always available from: ftp.lantz.com <ftp://ftp.lantz.com/tnos/current/linux/>, sunsite.unc.edu <ftp://sunsite.unc.edu/pub/Linux/apps/ham/>, or ftp.ucsd.edu <ftp://ftp.ucsd.edu/hamradio/packet/tcpip/tnos/>.

Licensing/Copyright etc.
Free for use by amateur radio operators and educational oraganisations

5.3. N0ARY Packet BBS for UN*X

Author
Bob Arasmith, N0ARY, ported to Linux (and others) by Bob Proulx, KF0UW, rwp@fc.hp.com

Description
A packet bbs implemented under UN*X.

Status
ALPHA. Bob is running version ARY-0.9 on both Linux and HP-UX. The next version from N0ARY which is called 4.0 is in alpha test/development release. Bob has not been able to bring this online yet and is still running 0.9+kf0uw mods. Bob has about half it working with Alan Cox's AX.25 kernel which would be the desirable combination.

System Requirements.
Linux installation, C Compiler, plus HAM radio TNC hardware.

Detail
This bbs has an excellent packet user interface. It has a compatible set of commands with the RLI bbs so users will be familiar with it immediately. It then extends the command set to be a very nice natural language style interface (e.g "list at allus about KPC-3"). Many csh style bang commands are supported. Also included is a mail interface to provide a packet to internet gateway.

Currently you need to customize the source code for your installation so you need some C programming proficiency.

Where and How to obtain it.
For a Linux version or for Linux information send mail to rwp@fc.hp.com. For a SunOS version contact bob@arasmith.com. This code is not packaged for distribution yet since it is not past the alpha stage of development.

Licensing/Copyright
Copyright by Bob Arasmith, N0ARY, but freely redistributable.

Contributed by:
Bob Proulx, kf0uw, rwp@fc.hp.com

5.4. LBBS - Linux BBS message gateway

Author
Daryl L Miles, G7LED, dlm@frink.demon.co.uk

Description
A BBS package designed to operate with either the native AX.25 kernel code or with the Wampes package.

Status
In development, working.

System requirements
Kernel AX.25 support or the Wampes package. sendmail, CNEWS.

Detail
Daryl's aim was to build a platform on which amateurs could build a Packet BBS to smtp gateway for Linux. I'm not sure what the current status is as the last version I could find was dated 30 Jun 1995. The latest binary version supports:

- MBL, FBB batching, FBB compressed, FBB type 1 compressed forwarding with restart facility implemented, deferring, and rejection.

- various Linux transport mechanisms including TCP kernel, AX.25 kernel, Wampes NetROM, AX25 or TCP.

- Simple dialer, to allow connections through AX.25 or NetROM nodes.

- White Pages

- Transient handling of type A (ACK messages).

- SMTP/NNTP<>BBS gatewaying implemented heavily to the extent that the user front end will be accessing the NetNews spool to retrieve articles.

- Message filter mechanism

- Field swapping (like SWAPP.SYS in FBB).

- Multiuser/connect.

To install, I did the following:

```
# cd /usr/src
# mkdir LBBS
# tar xvfz LBBS-0.1.6A.tar.gz
# cd LBBS
# ./Install.sh
```

This created a /usr/lbbs directory. The README.Setup file suggest an order in which to configure the BBS.

Where and How to obtain it.
You can obtain LBBS from: G7PIT's ftp site <ftp://rsl_pc3.ion.le.ac.uk/pub/LBBS>, or ftp.ucsd.edu <ftp://ftp.ucsd.edu/hamradio/packet/tcpip/linux/>.

Licensing/Copyright
Freely distributable for any non-commercial Amateur Radio use only. No warranty. Will be changed to GPL when software is stable.

5.5. MBL/RLI message to NNTP and email converter.

Author
SM0OHI, pme@it.kth.se

Description
Software that will convert incoming MBL/RLI messages into either NNTP or RFC-822 formatted mail messages.

Status
Development, not yet released.

System requirements
Unknown.

Detail
This software would be ideally suited to those who want to establish a mail and news gateway between conventional tcp/ip networks and the amateur radio mail network.

Where and How to obtain it.
Not yet availale.

Licensing/Copyright
Unknown.

Contributed by:
SM0OHI

5.6. Packet Cluster Node software

Author
Franta Bendl, DJ0ZY, and Bernhard ("Ben") Buettner, DL6RAI, root@dl6rai.muc.de

Description
A PacketCluster like system running on Linux.

Status
Released in October 1995.

System Requirements
Linux Kernel version 1.2.0 or greater with Alan Cox's AX.25 version 025 driver, TCP/IP networking, SysV IPC. Also needs Perl and KISS TNC hardware on serial device.

Detail
PacketCluster nodes have been available for about six years. The original software was written by Dick Newell, AK1A, and is running under DOS. clx is a system which clones a PacketCluster node. To the outside user commands and features are mostly identical, remote PacketCluster nodes, which can be networked, don't see the difference between a generic PacketCluster node and clx. So it fits well into an established network of PacketCluster nodes.

clx is not a user application, it is network node software. As such it is not of much use for the individual amateur. SysOPs of

PacketCluster nodes with some experience on both PacketCluster
and Linux will find this application interesting.

Here are some of the features of CLX:

• It is fully compatible with the internal PCxx protocol and from
a users' point of view. It allows multitasking and different
priorities for different things.

• The software detects looping DX spots without generating endless
messages. clx filters out such duplicate information. We have
implemented a concept which allows us to connect the network at
multiple points, which would formerly have been called a
"Cluster Loop". clx knows of so-called "active" and "passive"
links. The outcome is that more DX information is seen by clx.

• An interface to call your external programs (even dialog
programs).

• clx uses modern programming concepts like shared memory for
common data, lex & yacc to implement command language, shared
libraries to keep binaries small (this is still on our wish
list), remote procedure calls for inter process communication.
It is strictly modularized with its own dedicated process for
every major task.

• Comprises the following modules:

con_ctl
interfaces AX.25 kernel code and provides a socket for local
users.

rcv_ctl
manages receive spooling.

snd_ctl
manages transmit spooling.

rm_disp
receive message dispatcher, forwards messages to other
processes.

usr_req
user database requests, forks a process for every database
task to make it run in the background. The background process
later sends the results directly to send_ctl.

mb_ctl
mailbox control. The mailbox keeps messages in a file system,
header information is stored in the database.

usr_ctl
user administration (logins, logouts, logbook).

usc_mng
manages external user commands and command extensions.

iu_com
inter user communication (talk, conference).

send_ctl
transmit spooling, handling priorities.

icl_com
inter node communication (processing and generating PCxx
messages).

clx_ctl
system administration, installing shared memory pages.

int_com
manages internal program communications.

• The following is the only application program which can be run on the console:

loc_usr
allows console operator(s) to log in like a normal user.

Future enhance planned are:

• A console monitor to watch ongoing activities

• Speed optimization

• An internal clx protocol

• An additional command shell for experienced users

Where and How to obtain it:
ftp.funet.fi <ftp://ftp.funet.fi/pub/ham/unix/Linux/cluster>

There are five files that make up the package:

• 00Index

• clx_200.tgz

• install.clx

• README

Licensing/Copyright
clx (c) by Franta Bendl (DJ0ZY) and is available for non-
commercial use, but the authors want to keep track of who is
using their product, so before you can actually use the software
you have to ask for an encrypted callsign string to be placed in
the configuration file. You must send mail to
<clx_us@dl6rai.muc.de> to organise this.

Contributed by:
Bernhard ("Ben") Buettner, DL6RAI

5.7. Single floppy disk AX.25 router.

Author
Alan Cox, GW4PTS, iialan@iifeak.swan.ac.uk

Description
A single floppy disk version of linux with enough software to
allow a PC to act as an AX.25/IP router.

Status
Development, not yet released.

System requirements.
As for any Linux system a 386SX class PC or better.

Detail
No detail yet.

Where and How to obtain it.
Not yet available.

Licensing/Copyright
Unknown/Undecided.

5.8. DPTNT Terminal and BBS package.

Author
Mark Wahl, DL4YBG, DL4YBG@DB0BLO.#.DEU.EU, wahlm@zelator.de

Description
A suite of programs that provide BBS and Terminal programs for
Linux.

Status
Stable and working.

System requirements
TNC supporting WA8DED hostmode or KISS protocols.

Detail
TNT is a full featured hostmode terminal program. Compiling it
on Linux is as difficult as untarring the source and typing
`make'. It provides both a `dumb' terminal and X11 version. It
comes with some comprehensive documentation which describes its
features in some detail. Its main features are:

Multiple sessions:
TNT supports multiple packet radio connections on virtual
screens that you can switch between. Each session window
provides split screen (seperate transmit and receive text)
operation with a status line. Commands can be entered in
either a command session, or in any terminal session using a
command key. Each of the virtual screens can be larger than

the physical screen and can be scrolled around.

Data capture, file transfer and logging:
A number of options are available for logging received text to files. You can log transmit, receive or both to a log file. You can overwrite or append received data to existing files. You can use the `autobin' protocol to transmit or receive binary files.

Remote Shell operation:
You can provide a shell to remote users so that they can access other programs on your computer. You can also run a program and direct its input/output to a channel so that users can use it.

Redirection of devices to a channel:
TNT allows you to redirect input/output from a channel to a device, a modem for example.

Umlaut conversion:
TNT provides umlaut conversion if necessary.

Remote mode:
Remote users can issue command themselves if allowed to do so.

Socket mode:
You can configure tnt so that it opens a socket for users to telnet to that allows them operation just as you have from the console. This is useful where your linux machine is on an ethernet and you want other terminal on the net to have use of your radio.

DPBOX is a full featured BBS supporting the following features:

- F6FBB, W0RLI, TheBox style forwarding protocols.
- 8-bit transparent handling of messages using AutoBIN protocol.
- BBS data compressed to save space on disk, forwarding and downloading.
- "Live message capture" off BBS frequency, saves network traffic.
- PACSAT style bulletin broadcast transmitter and receiver.
- up to 200 simultaneous users.

Where and How to obtain it.
TNT by itself is available by anonymous ftp from: ftp.funet.fi <ftp://ftp.funet.fi/pub/ham/unix/packet/tntsrc09.tgz>. The DPTNT package may be found at: ftp.funet.fi <ftp://ftp.funet.fi/pub/ham/unix/packet/dptnt/>, or ftp.tapr.org <ftp://ftp.tapr.org/pub/tapr/software_lib/Linux/>, or

ftp.ucsd.edu
<ftp://ftp.ucsd.edu/hamradio/packet/tcpip/incoming/>.

The Home Pages of the developers are at: DL4YBG
<http://www.snafu.de/~wahlm/> and DL8HBS <http://hppool0.rz.hu-berlin.de/~h0187akk/>
Licensing/Copyright
The TNT and DPBOXT programs are covered by the GNU Public License. The TFKISS program is covered by ALAS (a german license for Amateur Radio use), and the DPBOX program is freely distributable for Amateur Radio use.

5.9. IPIP encapsulation daemon.

Name
Mike Westerhof's IPIP encapsulation daemon.

Author
Mike Westerhof KA9WSB (original code), then Bdale Garbee N3EUA (port to BSD), then Ron Atkinson N8FOW and John Paul Morrison (port to Linux), then Bdale rolled it all back together again.

Description
A daemon that will allow you to use your linux machine as an IPIP encapsulating gateway.

Status
Ron is running this code himself, and the other version have been run quite successfully.

System requirements
KISS TNC, any version of Linux supporting RAW sockets.

Detail
If you've ever used an internet gateway from your amateur packet radio you have probably been connected by an encapsulation gateway of some descpription. Most run KA9Q's NOS and DOS, but others run Unix and this daemon. It allows you to encapsulate IP within IP, so that you can 'tunnel' IP connections over the Internet. The software allows you to connect a KISS TNC to your linux machine and to have all datagrams received on it carried across the Internet to a similar gateway. Bdale has installation instructions in the package.

Where and How to obtain it.
This software is available from the col.hp.com
<ftp:///col.hp.com/hamradio/packet/etc/ipip/ipip.tar.gz> ftp site.

Licensing/Copyright etc.
Freely distributable, though Bdale asks that if you use the code and like it you might send him a QSL card or a postcard.

Contributed by:
Ron Atkinson, N8FOW, and Bdale Garbee, N3EUA

5.10. AXIP encapsulation daemon.

Name
Mike Westerhof's AXIP encapsulation daemon.

Author
Mike Westerhof KA9WSB, ported to Linux by Ron Atkinson N8FOW.

Description
A daemon that will allow you to use your linux machine as an
AXIP encapsul ating gateway.
Status
Not properly tested, but assumed to work ok.

System requirements
KISS TNC, any version of Linux supporting RAW sockets.

Detail
This daemon is the partner to the IPIP encapsulation daemon. It
allows you to encapsulate AX.25 frames in IP to carry them
across the Internet. This is useful for linking AX.25 networks
in remote areas. Ron has supplied a Makefile for linux, and with
it the software compiled without errors on my system running a
recent version kernel. Ron has also written some README files
which give you the detail necessary to compile the system and
the original documentation describes how to configure it.

Where and How to obtain it.
This software is available in the sunsite.unc.edu ham apps
directory
<ftp://sunsite.unc.edu/pub/Linux/apps/ham/ax25ip.tar.gz>.

Licensing/Copyright etc.
Freely distributable so long as the original copyright notice is
not removed.

Contributed by:
Ron Atkinson, N8FOW

5.11. Ping-Pong Convers Server

Name
Fred Baumgartens Convers Server for Linux.

Author
Fred Baumgarten, DC6IQ, <dc6iq@insu1.etec.uni-karlsruhe.de>

Description
This is a version of the convers server that allows multiple
users to simultaneously chat with each other in a round-table
style conversation. It is compatible with the NOS convers
servers, but provides extra facilities such as saving/restoring

of Personal Text and Chanel Topics.

Status
In use of a number of popular convers servers, appears very stable.

System requirements.
Linux, GNU make, C compiler.

Detail.
Complete installation instructions are included in the INSTALL file that is included in the distribution.

Where and How to obtain it.
A distribution of this software is available at sunsite.unc.edu <ftp://sunsite.unc.edu/pub/Linux/apps/ham/convers/>. The home of the software is at insu1.etec.uni-karlsruhe.de ftp server <ftp://insu1.etec.uni-karlsruhe.de/pub/hamradio/convers/convers>

Licensing/Copyright etc.
Presumably copyright Fred Baumgarten (not specifically stated), but some portions appear to be free for non-commercial use and copying provided the copyright notices stay intact.
5.12. RSPF Daemon

Name
RSPF - Radio Shortest Path First routing daemon for Linux

Author
Craig Small vk2xlz <csmall@triode.apana.org.au>

Description
An implementation of the Radio Shortest path First routing protocol for linux. The daemon supports version 2.2 of the protocol which corrects a lot of bugs and problems that were present in version 2.1.

Status
Alpha - running, needs testing and bug reports. Current version is 0.05

System requirements.
Requires Alan Cox's kernel based AX.25 code.

Detail
This program will allow Linux to become an RSPF router. It addresses some of the quirks of RSPF v2.1, the version in NOS which means that it is incompatible with the NOS version. It will also allows remote/local queries via a tcp session for debugging and diagnostic purposes.

Where and How to obtain it.
Current versions are always available from sunsite.unc.edu <ftp://sunsite.unc.edu/pub/Linux/apps/ham/> or ftp.ucsd.edu

<ftp://ftp.ucsd.edu/hamradio/packet/tcpip/incoming> or from the
author.

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Contributed by:
Craig Small vk2xlz <csmall@triode.apana.org.au>

5.13. Michael Westfall's TTYLINK Daemon

Name
ttylinkd - a ttylink daemon for Linux.

Author
Michael Westfall, N6KUY, <mwestfal@.csci.csusb.edu>

Description
A split screen terminal program that listens on the ttylink port
and accepts incoming connection requests.

Status
Seems to work fine.

System requirements
none special.

Detail
This is a standalone program that does require you to change the
configuration of your system at all. If you have root access on
your machine then you run the program in a VT or in an XTerm and
it will clear the screen and wait for an incoming connection on
port 87 (ttylink). When a connection is received it will provide
you with a split screen display with which to communicate with
the calling person.

Where and How to obtain it.
You can obtain ttylinkd from: sunsite.unc.edu
<ftp://sunsite.unc.edu/pub/Linux/apps/ham/ttylinkd.tgz> or
ftp.ucsd.edu
<ftp://ftp.ucsd.edu/hamradio/packet/tcpip/incoming/ttylinkd.tgz>.

Licensing/Copyright
Unknown, presumed freely distributable.

5.14. Craig Small's TTYLINK Daemon

Name
ttylinkd - a ttylink daemon for Linux.

Author
Craig Small, VK2XLZ, <csmall@triode.apana.org.au>

Description
A daemon to accept a ttylink (port 87) tcp/ip connection and

convert it into a talk request for a user on the host machine.
This may also be configured for use with the ax25d program so
that AX.25 users may also make use of it to connect to you.

Status
Alpha, but working.

System requirements.
Kernel networking support with AX.25 support if desired.

Detail
Because the talk protocol is a non-standard, that is it isn't
actually defined anywhere (except the source), the ttylink
protocol from NOS has become the defacto standard, at least for
amateurs, to provide keyboard to keyboard communication over
tcp/ip. This daemon fills the need for something to answer
ttylink requests to linux machines.

To build and install the software, I did:

cd /usr/src
tar xvfz ttylinkd-0.02.tar.gz
cd ttylinkd-0.02
<edited the Makefile to change the SYSOP_USER>
make
cp ttylink /usr/sbin
<edited /etc/service, /etc/inetd.conf as instructed in README>
killall -1 inetd

Where and How to obtain it.
You can obtain the latest version of ttylinkd from:
sunsite.unc.edu <ftp://sunsite.unc.edu/pub/Linux/apps/ham/> or
ftp.ucsd.edu
<ftp://ftp.ucsd.edu/hamradio/packet/tcpip/incoming>.

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6. Morse Code

Software for use in conjunction with, or for facilitating Morse
communication.

6.1. GW4PTS Morse trainer.

Author
Alan Cox, GW4PTS, iialan@iifeak.swan.ac.uk

Description
A Morse Code trainer that uses the PC internal speaker

Status
stable, works quite well, unfinished.

System requirements
Linux, any version

Detail
Alan wrote this small program in only an hour. It is quite neat, and allows you to play morse at a range of speeds and frequencies through the PC internal speaker. You can specify the text to be played either from the command line, from a file, or the program is capable of generating random character groups. As it stands you must invoke the program from a Linux Virtual Console, as it relies on certain kernel calls to produce the sound, and these don't work as easily from an XTerm. As it sounds each character it lists the character in verbal form (Di, Dit, Dah etc.) to the screen. Alan is hoping that someone will take the code and enhance it with the features he has listed in the comments at the head of the source file.

Where and How to obtain it.
I've had a large number of responses from people seeking this code, so I've obtained Alan's permission to make it available. You can obtain it from sunsite.unc.edu <ftp://sunsite.unc.edu/pub/Linux/apps/ham/GW4PTS.morse.tar.gz>.

Copyright/Licensing
GNU Public License 2, freely redistributable, no warranty.

6.2. morse (aka superiormorse)

Author
Joe Dellinger, Hawaii Institute of Geophysics, University of Hawaii at Manoa, joe@sep.stanford.edu, jdellinger@trc.amoco.com, joe@soest.hawaii.edu

Description
A morse-code practice program for UNIX workstations.

Status
Quite stable

System Requirements
Currently supports X11, Sun4, HP, Indigo, and Linux

Detail
Lots of features and options. Includes a utility for generating random content QSOs, similar to those used in the FCC exams.

Where and How to obtain it:
morse can be obtained from: sepftp.standford.edu <ftp://sepftp.stanford.edu/pub/UNIX_utils/morse/morse.tar.gz>.

Licensing/Copyright
Freely Redistributable

Contributed by:
Brian Suggs, AC6GV, and John Gotts, jgotts@engin.umich.edu

7. AMTOR Software.

Software for use in conjunction with, or for facilitating AMTOR.

8. PACTOR Software.

Software for use in conjunction with, or for facilitating PACTOR.

9. Slow Scan Television Software.

Software for use in conjunction with, or for facilitating Slow Scan Television.

10. Facsimile Software.

Software for use in conjunction with, or for facilitating Facsimile.

11. Design and Construction Software.

Software to assist in the design and construction of amateur radio related things. Antenna, Circuit Board, Filter, and QSL card design packages are all good candidates for this section.

11.1. Software Oscilloscope

Author
Jeff Tranter, Jeff_Tranter@Mitel.COM

Description
Scope is a simple software emulation of an oscilloscope. It graphically displays voltage as a function of time.

Status
ALPHA. First release.

System requirements
Sound card with input capability supported by the kernel sound driver. SVGALIB is used to do the display work.

Detail
Scope uses the /dev/dsp device to take audio in from the soundcard and displays it on the screen in a manner similar to an oscilloscope. Jeff claims Scope was written more for amusement value than for any serious purpose.

Where and How to obtain it.
You can obtain source, makefile and man page for Scope from:
sunsite.unc.edu
<ftp://sunsite.unc.edu/pub/Linux/apps/circuits/scope-0.1.tar.gz>

Licensing/Copyright
GNU Public License, Freely redistributable, No warranty.

11.2. Printed Circuit Board design tool.

Author
Thomas Nau, <Thomas.Nau@rz.uni-ulm.de>

Description
An X11 based interactive printed circuit board design tool.

Status
Vers 1.3, stable.

System requirements
X11 Windowing system and a recent flex program.

Detail
The pcb package comes with good instructions on how to compile and install the software. I compiled it without error under X11R6. It comes with package layouts for a range of popular components and the example layout nicely demonstrates the capabilities of the package.

Where and How to obtain it.
You can obtain the pcb package from: sunsite.unc.edu <ftp://sunsite.unc.edu/pub/Linux/apps/circuits/pcb-1.3.tar.gz> or from: ftp.medizin.uni-ulm.de <ftp://ftp.medizin.uni-ulm.de/pub/pcb-1.3/pcb-1.3.tar.gz>

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11.3. Chipmunk circuit design and simulation tool

Author
Dave Gillespie <daveg@synaptics.com> and John Lazzaro <lazzaro@cs.berkeley.edu>

Description
Schematic Entry and Digital or Analog Simulation.

Status
vers 5.10, stable.

System requirements
X11 windowing system and older (XFree86-2.x) libs, 8 bpp (256 color) only

Detail
I haven't tried this one out yet.

Where and How to obtain it.
You can obtain the Chipmunk package from its home site at www.pcmp.caltech.edu <http://www.pcmp.caltech.edu/chipmunk/>.

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Modified GNU Public License, Caltech specifically disclaimed from liability.

11.4. irsim

Author
Dmitry Teytelman, dim@leland.stanford.edu

Description
An event-driven logic-level simulator for MOS circuits

Status
Version 9.2, production.

System Requirements
X-Windows.

Detail
irsim is an X11 based simulator for MOS circuits. It has two
simulation modes, either switch where each transistor is
modelled as a voltage controlled switch, or linear where each
transistor is modelled as a resistor in series with a voltage
controlled switch, and each node has a capacitance.

Where and How to obtain it.
You can obtain irsim from: sunsite.unc.edu
<ftp://sunsite.unc.edu/pub/Linux/apps/circuits/irsim-9.2.linux.1.tar.gz>.

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Freely Redistributable

11.5. Spice vers. 3f4

Author
University of California, Berkeley, port by
Jeff@RyeHam.EE.Ryerson.Ca

Description
Spice is an analog circuit emulator.

Status
Stable release.

System requirements
Unknown.

Detail
Spice allows you to design and test circuits in a computer
modelled environment to see how they will behave without having
to touch a soldering iron, or solder. A readme file comes with
the package. To install I did the following:

```
# cd /usr/src
# gzip -dc spice3f4.tar.gz | tar xvf -
# cd spice3f4
# ./utils/build linux
# ./utils/build linux install
```

Where and How to obtain it.
You can obtain version 3f4 of Spice from: sunsite.unc.edu
<ftp://sunsite.unc.edu/pub/Linux/apps/circuits/spice3f4.tar.gz>
Licensing/Copyright
Copyright held by University California, Berkeley. Freely

redistributable provided you are not unfriendly to the U.S.

11.6. svgafft - Spectrum analyser

Author
Andrew Veliath, veliaa@rpi.edu

Description
svgafft is a spectrum analyser for Linux.

Status
Alpha, but usable.

System requirements
F77, Linux supported sound card, svgalib, a 486DX33 or better.

Detail
svgafft uses the /dev/dsp device and currently supports 16-bit
and 8-bit sample resolution on supported Linux soundcards. It's
display is something akin to a high-end spectrum analyzer with
falling peaks. Andrew is working on an X-Motif version to be
released soon.

Where and How to obtain it:
You can find the software at tsx-11.mit.edu
<ftp://tsx-11.mit.edu/pub/linux/ALPHA/svgafft/svgafft-0.2h.tar.gz>
and sunsite.unc.edu
<ftp://sunsite.unc.edu/pub/Linux/apps/sound/freqs/svgafft-0.2h.tar.gz>.

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GNU Public License.

Contributed by:
Andrew Veliath, veliaa@rpi.edu

11.7. Audio Spectrum Analyser

Author
Philip VanBaren, phillipv@eecs.umich.edu

Description
An audio spectrum analyser for Linux SVGALIB or X-Windows.

Status
Alpha but usable

System requirements
Linux supported sound card, svgalib or X-Windows.

Detail
freq5a1 uses the /dev/dsp device, samples the incoming audio,
performs a fast fourier transform on the data and displays the
output in either 640x480 VGA or an X-Window.

Where and How to obtain it:
You can obtain freq5a1.tar.gz from: sunsite.unc.edu
<ftp://sunsite.unc.edu/pub/Linux/apps/sound/freq5a1.tar.gz> or
by mail from the author.

Licensing/Copyright
GNU Public License vers 2.0.

11.8. ObjectProDSP

Author
Paul Budnik, Mountain Math Software, support@mtnmath.com

Description
ObjectProDSP is an object oriented tool for design, development
and implementation of Digital Signal Processing. It allows you
to design your DSP network, runs simulations with oscilloscope
style plots and listings at any point in the network.

Status
alpha.

System requirements
XFree86 3.1.1 or better, g++ from gcc 2.6.3 or better, 32Mb of
total memory (real+swap) recommended, 6Mb of disk space for
minimum configuration, 40Mb disk for full installation.

Detail
There are a number of files that comprise the package. There is
a binary only package for Linux which I recommend you start
with. There is comprehensive documentation included from which
you can obtain installation and operation instructions.

Where and How to obtain it.
You can obtain ObjectProDSP from: sunsite.unc.edu
<ftp://sunsite.unc.edu/pub/Linux/devel/opd>, tsx-11.mit.edu
<ftp://tsx-11.mit.edu/pub/linux/packages/dsp>, or ftp.funet.fi
<ftp://ftp.funet.fi/pub/OS/Linux/util/electronics/opd>. There
are a number of files that comprise the package, some of the
quite large so be prepared.

- --- END Linux HAM HOWTO part 1/2 ---

-----BEGIN PGP SIGNATURE-----
Version: 2.6.2
Comment: finger gregh@cc.gatech.edu for public key

iQCVAwUBMgQQ0ntNTo2suu5NAQHc5gP/VTx/3Rrlu88f6+S3fJ8WqW2CgRFIeuJs
r1GimrXgP182u/uOypsc83Mx1Vb2l10lgxkqAvtZredM0/854iNalCZiDpLRiBgx
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6J8r4kcge3M=
=H37x
-----END PGP SIGNATURE-----

221. Linux HAM HOWTO (part 2/2)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: Terry Dawson <terry@perf.no.itg.telecom.com.au>
Message-ID: <HAM-HOWTO.2-17740.839127289@cc.gatech.edu>
Source record: 219643
Cross-posted to: comp.os.linux.answers,rec.radio.amateur.misc,aus.radio.amateur.digital

```
Archive-name: linux/howto/ham/part2
Last-modified: 4 May 96

-----BEGIN PGP SIGNED MESSAGE-----

*** The `Linux HAM HOWTO' is posted automatically by the
*** Linux HOWTO coordinator, Greg Hankins <gregh@sunsite.unc.edu>. Please
*** direct any comments or questions about this HOWTO to the author,
*** Terry Dawson <terry@perf.no.itg.telecom.com.au>.

- --- BEGIN Linux HAM HOWTO part 2/2 ---

Licensing/Copyright
GNU Public License vers 2.0., Commercial licensing available.

12. Training/Educational Software.

Software to assist in education or training for amateur radio. Morse
Code tutorials, technical examination database, Computer Based
Training software, and the like are listed here.

13. Miscellaneous Software.

Software that didn't neatly fit into any other category.

13.1. Linux for HAMS CD-ROM

Author
Bruce Perens, bruce@pixar.com

Description
A complete linux distribution on CDROM specifically designed for
Amateur Radio operators.

Status
Not yet available.
System requirements.
Linux compatible hardware, some software will obviously require
specialised hardware to operate. No additional software should
be required.

Detail
A complete Linux distribution specifically catering for Amateur
Radio operators. It will include a fully featured Linux
installationplus a range of amateur radio specific software such
as those listed in this document. Bruce has detail and updated
status report available at the LinuxForHams WWW page
```

<http://www.rahul.net/perens/LinuxForHams>.

Where and how to obtain it:
It isn't yet available, details will be made available when it is released.

Licensing/Copyright
GNU Public License.

Contributed by:
Bruce Perens, bruce@pixar.com

13.2. SunClock

Author
John Mackin, john@cs.su.oz.AU

Description
A clock that will show you instantly what parts of the globe are exposed by sunlight and what parts aren't.

Status
Released.

System requirements.
X-Windows.

Detail
sunclock is another of those desktop gadgets that most people think look nice but really don't have a lot of use for. I use sunclock to obtain an at-a-glance indication of the time anywhere in the world. In its iconic form it sits in a small Mercator projection. When maximised it produces the same image but obviously larger with slightly more detail. It also displays the date, local time and UTC. sunclock actually calculates mathematically what parts of globe are sunlit and which aren't, it seems quite accurate, so long as you assume the earth has no atmosphere.

Where and How to obtain it.
I haven't seen any precompiled sunclock binaries for Linux about, so check your nearest archie server. sunclock compiled straight out of the box for me.

Licensing/Copyright
Public Domain and may be freely copied as long as the notices at the top of sunclock.c remain intact.

13.3. Xearth

Author
Kirk Johnson, <tuna@cag.lcs.mit.edu>

Description
A rotating earth for X-windows root window. It has real life

shading, and options for geostatic view, and non geostatic view.
A prettier and more modern version of sunclock but requires a
bit more processing power.

Status
Version 1.0.

System requirements.
X-Windows.

Detail
xearth is a sophisticated program which draws a colour picture
of the earth onto your X Windows display. It offers either an
orthographic view as you would see from space or the map like
mercator projection. You have a number of options in determining
the behaviour of the view. The details are available from the
xearth Home Page <http://cag-www.lcs.mit.edu/~tuna/xearth/> and
in the documentation which is supplied with the package.

Where and How to obtain it.
The source can be obtained from its home site at cag.lcs.mit.edu
<ftp://cag.lcs.mit.edu/pub/tuna/> or just about any X11/contrib
directory.

Licensing/Copyright
Copyright (C) 1989, 1990, 1993 by Kirk Lauritz Johnson. The
copyright notice included states that xearth is freely
redistributable so long as the copyright notice is left intact,
and be included in documentation.

Contributed by:
Kirk Johnson" <tuna@kanchenjunga.lcs.mit.edu>

14. How to contribute or update an entry.

I'd like for this list to be as complete and up-to-date as possible.
So I'm keen to hear about any developments or products that I don't
already know about, or that the entry is obselete or outdated for.

What I'd like as a minimum set of requirement would be something like
the following:

Name
The name of the software in question.

Author
Who wrote, or ported the software. An email address, or some
other means of contacting them is also essential.

Description
A single line description of what the software does.

Status
An indication of the software's status. Is it still in testing?

Is it a production release? Is it still in the design stage?

System requirements
What does the software require to run? Does it require X-Windows? Does it need a soundcard? Does it need a certain version of kernel? Does it need other software to support it?

Detail
I'm not keen on including a large amount of detail on each piece of software as this would consume a lot of time reading and trying to keep up to date. So instead what I'd like to list is what makes this software unique, anything special about it. Perhaps its most outstanding features, that sort of thing.

Where and How to obtain it.
If the software is freely distributable then ftp details would be great. If it is commercial software then the name of the company distributing the software, and an address or telephone number. If it is available only by some other means, say mail order, then details on where and how to obtain it.

Licensing/Copyright
Is the software Copyleft? Copyright? Shareware? Public Domain? Restricted in use in any way?

Don't worry if you don't know all of these details, just send me what you do know and I'll list what I can. I'd rather have an incomplete listing than no listing at all.

Please mail any contributions to:

<terry@perf.no.itg.telecom.com.au>

I'd list a packet radio address too but I'm still not properly operational again yet after moving house.

15. Discussion relating to Amateur Radio and Linux.

There are various places that discussion relating to Amateur Radio and Linux take place. They take place in the comp.os.linux.* newsgroups, they also take place on the HAMS list on vger.rutgers.edu. Other places where they are held include the tcp-group mailing list at ucsd.edu (the home of amateur radio tcp/ip discussions), and you might also try the #linpeople channel on the undernet irc network.

To join the Linux linux-hams channel on the mail list server, send mail to:

Majordomo@vger.rutgers.edu

with the line:

subscribe linux-hams

in the message body. The subject line is ignored.

To join the tcp-group send mail to:

listserver@ucsd.edu

with the line:

subscribe tcp-group

in the body of the text.

Note: Please remember that the tcp-group is primarily for discussion of the use of advanced protocols, of which tcp/ip is one, in Amateur Radio. Linux specific questions should not ordinarily go there.

16. Copyright.

The HAM-HOWTO, an introduction to Amateur Radio software available for Linux and information on how to configure some of it. Copyright (c) 1995 Terry Dawson.

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You should have received a copy of the GNU General Public License along with this program; if not, write to the:

Free Software Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.

- --- END Linux HAM HOWTO part 2/2 ---

-----BEGIN PGP SIGNATURE-----
Version: 2.6.2
Comment: finger gregh@cc.gatech.edu for public key

iQCVAwUBMgQQ53tNTo2suu5NAQEp8wP+O9x7vuwGJpgLcGtNF2DOO02gQJeG2QI2
l0UorrX7HDBZYP1vB6ZWv8XHYhE1BXMHduWW+7n34VvLYJBhdy+r2MwnF6qxLP19
Lpj2mTE9VD5ii8p+J62MtgCdGiWhuVx8M2n9xxv2UQYj9QVLp96x1qubM1Tvl6i1
Q1NLnUNb6y4=
=Rs4R
-----END PGP SIGNATURE-----

222. Re: Remote control cable Knwd TS850?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: Brian Gilhuly <brian@synapse.net>
Message-ID: <32041F2C.5300@synapse.net>
Source record: 219644

Brian Pasternak wrote:
>
> Does anybody have a wiring diagram and/or schematic for a
> remote control cable to be used with the Kenwood TS-850.
> Any input would be greatly appriciated.
> Thanks.
> Brian Pasternak, KA3VSP

There's a construction article with schematic in the 1995 and 1996 editions of the ARRL Handbook, which originally appeared in the Feb. 1993 edition of QST.

For more general info on computer control of your 850, see the Kentrol Web site referenced below.

73 de Brian
--
Brian Gilhuly VE3BGB Kentrol Software Web Site:
http://www.synapse.net/~kentrol/
e-mail: Latest files:
brian@synapse.net ftp.synapse.net/private/k/kentrol/

223. Unofficial DXCC pages

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: geo@ipass.net
Message-ID: <3203e4a3.36293663@news.ipass.net>
Source record: 219645

For those of you who have links or bookmarks to my DXCC pages, they've been slightly updated and have moved to:

http://www.ipass.net/~geo/hamradio/hamradio.htm

For those of you who have'nt taken a look, check it out! I have a page set up for each DXCC country with geographical and DXCC information.

YOU can help! If you see information missing that you can supply, send it on. I also need URLs for NATIONAL ORGANIZATIONS and upcoming or past DXpeditions for each countries page.

73 DE KQ4QM (George)

224. Hamfests?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: jjohnson@townsqr.com
Message-ID: <4u1ake$crt@tofu.alt.net>
Source record: 219646

Howdy,

Does anyone know of any decent hamfests taking place from now through
October in the mid-western U.S. Any responses would be greatly appreciated.

Thanks,
Jeremiah
KB0PHX

225. Re: Repeaters In So. Cal

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: AC6V <AC6V@ix.netcom.com>
Message-ID: <32042D70.7F3D@ix.netcom.com>
Source record: 219647

Scott wrote:
>
> Hi, I just got my Tech + licence and a Kenwood TH-28A.
>
> I have found lots of repeaters but no input frequencies. Does anyone have
> a list of repeaters in the California area (so. cal).
>
> Thanks,
> Scott, KF6FCN (now Tech +!)

Howdy Scott. For San Diego repeaters go to URL:

http://bookworm.sdsu.edu/repeat39.html

For LA and area go to ARTSCI at URL:

http://home.earthlink.net/~artsci/repmain.html

Give us a call on the PARC repeater on Palomar Mtn 146.73 minus split no
PL required.

If you coming to San Diego -- visit our Club page at URL:

http://www.electriciti.com/parc/

Has vistor info, attractions etc. as well as many Ham related links, DX,
Contest, Swap Meets, ARRL and much more.

73
Rod in Oceanside
--
Hark for I have hurled my words to the far reaches of the earth!
What King of old could do thus??
..... AC6V

226. Re: Crystal Control

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: <>
Message-ID: <0005DDD3012A77EC@dol.net>
Source record: 219648

Date: Sun, 04 Aug 1996 03:23:04 GMT
Reply-To: joseph.buch@dol.net
From: joseph.buch@dol.net (Joe Buch)
Subject: Re: Crystal Control
X-Newsreader: Forte Free Agent v0.55
Newsgroups: rec.radio.amateur.misc
References: <11002.3509@dol.net>
Lines: 21

gary@netsystems.com wrote:

>Anyone remember the year Novice Class operators got to start using crystal
>control?

Yes, novices were required to use crystal control from the
inception of the license. It's not that they "got to
start". They were always required to use crystal control.
Your question would be better asked as "When did novices get
permission to use a VFO?" I don't know the answer to that
one. 73, N2JB ex-WN2LGG in 1952.

Joe Buch
joseph.buch@dol.net

227. German Ham Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: kc7gnm@primenet.com
Message-ID: <4u1bh1$3ot@nnrp1.news.primenet.com>
Source record: 219649

Hello all, My name is Greg and I am in the Army. I am on orders for Germany, specifically Wiesbaden. If anyone from that area can give me the freqs that they use for packet radio and other things in the area and also any clubs or whatnot I would like to know. I already have the paperwork to get a recipical license for over there and am excited about it. Thanks in advance.

73

228. Manual for FT757GXII

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: t.dreymann@n25.elmshorn.netsurf.de
Message-ID: <6EAPqtMx2fB@n25.elmshorn.netsurf.de>
Source record: 219650

I m looking for a service manual for the ft757gxII. This tranceiver also
working with a cat system and so I interesting for any programs and
manuals about it.
If you have, please contact me via EMail.

Thomas Dreymann, DH8LAT, Kï¿½nigsbergerstraï¿½e 7c, 25548 Kellinghuse, Germany
EMail: t.dreymann@elmshorn.netsurf.de

^

229. WWW Pages

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: asperges@innotts.co.uk
Message-ID: <320c2561.10269625@news.innotts.co.uk>
Source record: 219651
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy

```
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Updated for August. ***
--------------------------

http://www.innotts.co.uk/~asperges/

Who are these strange new "M" People?!

73 de Jeremy G4NJH ****

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
```

230. sug

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: tbrooks@evansville.NET
Message-ID: <3203C870.1F0F@evansville.net>
Source record: 219652

Can you please advise how to cancel the subscription to info-hams
digest?
Thanks
tbrooks@evansville.net

231. Re: OLD TIMERS! Rember the ARC-5's

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug3.132948.5485@ke4zv.atl.ga.us>
Source record: 219653
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <4tl8m9$3gb@lehi.kuentos.guam.net> pacrimgolf@kuentos.guam.net writes:
>johnn@pacifier.com (John Nelson) wrote:
>
>>The equipment on the market
>>today is cheap, reliable, and offers a staggering array of performance and
>
>Cheap, huh ? Let's look in the catalog. Last time I bought a top of the line
>Icom HF transceiver, it was about $1400. Now I can get a 781 for only $6600
>or the not top of the line 775 for only $3900. Not exactly cheap, but - OH,
>thats right, you said you were a NEW guy. When you say ham 'equipment', you're
>probably referring to a Radio Shack HT, right ?

Not so fast. Back when you paid $1400 for a top of the line radio, a new car cost $5,000. Today they cost over $20,000. Back when I bought the top of the line in 1964, a B&W6100 cost $895, but a new full size Chevy cost $2100. A 1964 dollar is equivalent to 9 1995 dollarettes, so that old B&W is equivalent to a $8055 dollar radio today. The dollarette isn't what it used to be, but compared to the price of other goods, amateur equipment is cheaper today than ever before. In 1964, the average teenager working a summer job would have needed over 6 months to earn the money for a B&W6100 (and that's just a transmitter). In 1995, a teenager would only need to work for about 2 months to earn enough for a IC-706, and that's a heck of a lot more radio.

And while the old B&W has been reliable, I've had to replace tubes, paper electrolytic capactitors, pots, switches, etc to keep it going. Today's all solid state rigs don't need periodic tube replacement, use improved tantalum or aluminum electrolytic capacitors that don't dry out, and optical shaft encoders. My IC-735 is now 9 years old, and the only thing I've ever had to do to it is resolder a cold solder joint in one of the bandpass filters. And that was when it was nearly new.

Reliability is way up, costs (in constant dollars) are way down, and the functions available on some of the newer radios weren't even dreamed of 20 years ago. The technology didn't exist to do some of the things we take for granted on the newer radios and associated equipment. In 1964, operating a digital mode meant a lumbering noisy Model 15 with a 60 mA loop supply (ouch!). And a huge rack mounted receiver and transmitter which, if not crystal controlled, required constant attention to keep tuned. Today, it's a tiny low power box of solid state electronics that's completely silent, doesn't spew chad all over the shack, and does a better job of printing weak stations using PACTOR or Clover than the old

Mod 15 and TU could ever hope to do. And when we set the radio on a frequency and adjust the variable filters for a nearly perfect matched filter condition, we can walk away and fully expect it will still be on channel and operating when we come back.

When you compare old equipment to new equipment, you're comparing a stone axe with a loose rawhide binding to a fiberglass handled tungsen nitride treated super alloy axe that's as at home cutting through sheetmetal and plexiglass as it is cutting through pine, and which costs fewer manhours to possess to boot. When equipped with a few accessories, it becomes a nitro burning supercharged chainsaw, but it doesn't require the output of Niagara Falls to power it, or RFK stadium to house it. Progress, it's a wonderful thing.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

232. Re: Channels vs. Frequencies

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug3.231547.7176@ke4zv.atl.ga.us>
Source record: 219654

In article <sY4AyQQI8VXQ091yn@dorsai.org> bigsteve@dorsai.org (Steve_Coletti) writes:
>I'm reading the thread about 2Meter jammers and seeing how it turned into a
>debate about which dictionary has the proper definition of a radio channel.
>Come on you guys, as hams you can operate on any frequency you want to
>within those authorized by the class of your license. You can also shift
>frequencies by as little as a few hertz to avoid interference. True, the
>frequency you use requires bandwith, where sidebands occupy the immediate
>frequencies adjacent to the carrier, but this is NOT a channel.

This is precisely and exactly a communications channel. Any modern communications, signaling, or information theory text will use this definition of channel (using a somewhat more precise formulation of course, including a channel media descriptor [there are wireline channels, radio channels, optical channels, even sonic channels] and other pertinent information such as notes on channel impairments like noise, multipath, etc, and contextual information like signaling rate, modulation form, coding used, etc). The usage of the term channel you describe below is mere legalese, of interest to bureaucrats and their enforcement agents (hired muscle, goons, etc), but of little value to those whose interest is radio technique, IE radio amateurs, radio engineers, communications specialists, etc.

>A channel is assigned by the governing communications body of the country,
>or by international agreement.

It is ironic that supposedly technical amateur radio operators would want to avoid the technical definition of a communications channel in favor of a bureaucrat's definition of what is in substance a regulatory artifact. We have to be cognizant of the bureaucrat's definition, of course, if we want to keep his jackbooted enforcers from the door, but that's just political, not technical.

Communications channels may be numbered for convienence of reference, or they may be named, or neither depending on the context of the usage of the term. Nothing intrinsic about a communications channel requires it to be either numbered or named. Like the spectrum, it simply exists when we attempt to impress intelligence on a carrier. It is a fact of nature that we try to understand and use. Shannon provided us with the fundamental knowledge we need to understand and exploit a communications channel. He was not a bureaucrat, nor was he using a bureaucrat's terminology when he spoke of communications channels. Neither should we, unless we're dealing with a bureaucrat at the time (an ugly and distasteful business at best).

Gary
--

Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

233. Search with this ...

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: audric@mistral.co.uk
Message-ID: <4tuob9$1dh@news.mistral.co.uk>
Source record: 219655

http://www.aimsweb.com/tools/

ciao
Audric

234. Re: JAMMERS ON 2 METER

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <4tu85g$hdh@abyss.West.Sun.COM>
Source record: 219727

In article <4tpbcb$b8j@anomaly.ideamation.com>,
Michael P. Deignan <kd1hz@anomaly.ideamation.com> wrote:
>In article <4tmcp8$sb2@abyss.West.Sun.COM>,
> Dana Myers <myers@West.Sun.COM> wrote:
>
>>7030KHz is a frequency; so is 7040KHz, and so is 14100KHz.
>>
>>However, when you transmit information more than one frequency
>>is involved. Every signal occupies some amount of bandwidth;
>>even CW occupies bandwidth like any other AM signal. A look in
>>my Webster's dictionary shows that the salient definition of
>>'channel' is 'a narrow band of frequencies used by a radio transmitter'.
>
>Really? I transmit on 7030Khz. You transmit on 7031Khz. How many channels
>are between those two frequencies?

In theory, there are an infinite number of channels between those
frequencies. In practice, most HF radios using a tuning step of between
1 and 25 Hz, so there could be as many as 1000 discrete channels or
as few as 40. So what?

>>On a 2m radio, the channel bandwidth is usually greater than 5KHz,
>>but every frequency you operate on represents the center of a channel.
>
>Really? What's "Channel 19" on your 2 meter radio?

I don't have a 'channel 19' on my 2m radio, unless you're
referring to memory channel 19, which isn't currently programmed.

>A "channel" might be a 'narrow band of frequencies used by a radio
>transmitted', but they are also a "standard", in the sense that a group
>of people must agree on what "Channel 1" represents.

No, Mike, you're simply wrong. While some services might have
standard frequency and bandwidth assignments with associated
numeric identifiers, that doesn't mean that every possible
'channel' has to have a standard frequency and bandwidth assignment.

>Since there is no such "standard" or "good amateur practice" which
>dictates the definition of "channels" in amateur radio, your claim that
>ham radio uses "channels" is demonstrably incorrect.

Nope, Mike, the assumption you base your claim on is simply false,
and I'm not incorrect, though I'm probably silly to attempt to have a
logical discussion with you ;-).

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

235. Re: JAMMERS ON 2 METER

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <4tu7h4$h9l@abyss.West.Sun.COM>
Source record: 219728

In article <DvFE5L.Jqt@news.hawaii.edu>,
Jeffrey Herman <jherman@Hawaii.Edu> wrote:
>Dana Myers <myers@West.Sun.COM> wrote:
>>Jeffrey Herman <jherman@Hawaii.Edu> wrote:
>
>>>Repeaters operate on frequencies just like any other amateur transmitter.
>>>I like to hang out on 7030 kc but no one in their right mind would call
>>>that a channel. QRP ops hibernate on 7040 kc; that a group of operators
>>>nationwide monitor that frequency doesn't make it a channel. The 20M
>>>NCDXF beacon system lives on 14.1 Mc. Is it a channel?
>>>The 2M rigs I've seen allow an owner to vary the frequency by 5 kc
>>>steps. Are each of those channels?
>
>>7030KHz is a frequency; so is 7040KHz, and so is 14100KHz.
>
>>However, when you transmit information more than one frequency
>>is involved. Every signal occupies some amount of bandwidth;
>>even CW occupies bandwidth like any other AM signal. A look in
>>my Webster's dictionary shows that the salient definition of
>>'channel' is 'a narrow band of frequencies used by a radio transmitter'.
>
>My Oxford dictionary makes no mention of frequencies under the definition
>of "channel", so let's stick to the common communicator's usage.

After this comment, I probably shouldn't reply to anything else in
this note. Not just one, but two different Webster's dictionaries
(New Riverside and Collegiate) both include a definition of
"channel" relevant to radio communications. The English language
evolves - does your Oxford dictionary include definitions for
commonly used terms such as "semiconductor", "microcomputer",
or perhaps "cw"? If not, does that mean these terms don't have
meanings today? You're saying "it isn't in my dictionary, therefore
I can define it to mean anything I choose". That just isn't correct,
Jeff, and you should know that.

>>So, Jeff, all of these frequencies you mention are center frequencies
>>for CW channels.
>
>Oh? What if I tweak my 7030 kc xtal to 7030.5 or 7031? Two new channels?

These are different channels since the center frequency is different. Remember,
a channel is really just a center frequency and bandwidth.

>We think of a "channel" as being a fixed frequency given a designation
>that a certain group of users understand. The HF marine channel 507

>and the VHF marine channel 16 are known to maritime radio users. By
>law they must operate on certain fixed frequencies. Operators in the
>Citizen's Radio Service are also bound by law to operate on certain
>fixed frequencies - every CB operator knows the purpose of "channel 9."
>On the other hand, amateurs are allowed to be frequency agile; no other
>radio service (except the military) is given this privilege.

If you look in the relevant CFRs, you'll see that all of these
service-specific numbered channels have a defined bandwidth and
center frequency. In the context of particular services, they've
also got an arbitrary number. So what? CB channel 12 the same as a
10KHz bandwidth with a center of 27.105MHz.

>Now, some want to consider 2M frequencies as channels. If so, there
>would have to be a uniform designation scheme provided for this collection
>of channels. What is it? Is operation between two channels permitted?
>If so, shouldn't a frequency between two channels also be termed
>termed a channel?
>
>Channelization is contradictory to the amateur's frequency agility.

Perhaps, but you're discussing apples and oranges here, Jeff. The term
'channel' clearly does not require the use of pre-defined center
frequencies, though some radio services do specify channels this way.

>>What a nice reflection on amateur radio when people mistakenly get
>>their underwear in a bunch over the use of a common term.
>
>It wasn't a common term in the ARS, but like Roger Beeps and the 10-code,
>our once unique culture is being diluted to a level some find a bit
>nauseating.

Oh, I see, the simple fact that CB radios have 'channels' means that
amateur radio can't. Right. I'm not crazy about roger beeps, 10 codes
and ridiculous Q signals, but I'm not so afraid of CB that I'll make
illogical arguments against using terms like 'channel' just to
avoid using some term in common.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

236. IPS Daily Report - 02 August 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <4tu5h2$304@flare.syd.ips.oz.au>
Source record: 219729
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 02/2330Z AUGUST 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 02 AUGUST AND FORECAST FOR 03 AUGUST - 05 AUGUST

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 80/20

GOES satellite data for 01 Aug
Daily Proton Fluence >1 MeV: 6.9E+05
Daily Proton Fluence >10 MeV: 1.7E+04
Daily Electron Fluence >2 MeV: 5.6E+07 (normal)
X-ray background: A7.4
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
03 Aug 04 Aug 05 Aug
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 03 Aug: 80/20

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Quiet to unsettled

Estimated Indices : A K Observed A Index 01 Aug
Learmonth 12 3333 3222
Fredericksburg 12 15
Planetary 15 12

Observed Kp for 01 Aug: 3332 3323

2B. MAGNETIC FORECAST
Date Ap Conditions
03 Aug 10 Quiet to unsettled
04 Aug 8 Quiet to unsettled
05 Aug 8 Quiet to unsettled

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band

Date Low Middle High
02 Aug Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
03 Aug Normal Normal Normal
04 Aug Normal Normal Normal
05 Aug Normal Normal Normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
02 Aug 9

Observed Australian Regional MUFs:
Darwin: 10-30% depressed between 0400-0900 UT,
otherwise near predicted monthly values.
Townsville, Sydney and Hobart: Near predicted monthly values.

Predicted Monthly T index for August: 10

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
03 Aug 10 near predicted monthly values
04 Aug 10 near predicted monthly values
05 Aug 10 near predicted monthly values

A Windows version of the IPS HF prediction software, ASAPS, will
be available from early August 1996, for AUD350.
Upgrades from DOS versions 2.0 and higher will be available for
AUD50.
For more details, or to obtain a free demonstration copy, please
contact IPS.

--
IPS Radio and Space Services | email: rwc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/rwc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/rwc/
tel: +61 2 94148300 | fax: +61 2 94148331

237. Re: Kids _are_ interested in ham radio.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4tuclp$h6f@lehi.kuentos.guam.net>
Source record: 219730

VUBS79A@prodigy.com (Drew Durigan) wrote:

>Wait until you start trying to make QSO's and some of the...uh,
>"seasoned" hams refuse to talk to you. They won't consider you a "real
>ham" because you chose not to waste a bunch of time learning an
>antiquated system of communication known as Morse Code.

>The CB might look pretty good at that point.

>-Drew in Sunny Central Florida-
> KF4DDM

Come on Spew. Here you've been being nice and now look at ya.
Back to your old tricks. What 'seasoned' hams have ever refused
to talk to you ? For that matter, do you own a radio ? Everybody
else is complaining about the OLD guys trying to piss off the NEW
guys, and here you are trying to discourage a new guy. Did you
graduate to being an 'old' guy all of a sudden. Or are you just running
out of pins ?

73, Jim KH2D

238. Re: VORTAC! (was: Re: Amateur RADAR?)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: "C. Wheeler" <cwheeler@ccnet.com>
Message-ID: <4tu7dk$srl@gaudi.lahabra.chevron.com>
Source record: 219731

jherman@Hawaii.Edu (Jeffrey Herman) wrote:
>Steven Sampson <Steven_Sampson@msn.com> wrote:
>>Since the GPS has become fully operational, the other
>>navigation modes have become obsolete.
>
>Spoken like a true couch potato sailor. Don't *ever* go to sea with
>that type of attitude. When planning a transoceanic voyage you have
>to assume every piece of electronic gear will eventually get wet
>either due to condensation or breaking seas tossing a couple tons of
>sea water over the deck and into the cabin. Assume battery operated
>gear will also fail just when your life depends upon it.
>
>You'd better take along a sextant, the Nautical Almanac, and the
>Sight Reduction Tables, and know how to use them. Don't even depend
>upon a handheld nav calculator. It will eventually get dropped into
>the bilge.

Easy Jeff!

You are correct the taking off in a sailboat over the ocean with just a hand held GPS and a spare battery (and no knowledge of navigation) is pretty dumb.

But I don't think Steve meant to say that. I think he trying to point out that GPS is going to make other forms of radio navigation obsolete - and it sounded like he was primarily addressing aviation (since this thread seems to be discussing VORTACs). And I think he his right.

GPS is going to make maintaining most terrestrial, radio nav aids obsolete just based on economics. They could start shutting down VORs tomorrow and it would suit me fine (I know that others would be left out in the cold so I won't advocate such a shut down).

I don't believe that Steve is advocating the elimination of basic navigation skills. He knows that when the cockpit "lights" go out he will be left with a compass and his watch (I don't personally know any pilots that pack around a sextant in their flight bag).

I believe he is correctly pointing out that there will be a time when most of the nav gadgets we stuff into the panels of our planes won't be necessary. The only reason we have multiple systems now (VOR, DME, LOC/GS, ADF, etc.) is because, until GPS gets into full swing, none of these present systems gives us everything we need when they stand alone.

>It's fine to be a danger to yourself, but do think twice about making
>such dangerous statements to others.

I don't think he said anything dangerous.

Except ... MAYBE this part...

>> Navigation can now be a completely
>>passive thing.

>You'd best stay on land.

Jeff, I'd say the same thing after a sentence like that. But I think Steve just didn't pick the right words. Navigation will likely become more of a "sit back and watch" operation. However the person doing the watching better know how to continue on to saftey if the electronics go Tango Uniform.

Many have talked about the next generation of aircraft that will require a crew of two A pilot and a dog. The plane will fly and navigate itself. The pilot will be there only to monitor the systems. The dog will be there to bite the pilot's hand if he tries to touch anything. ;)

Curtis

239. Re: For Sale or Swap Usenet

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4tucvi$h6f@lehi.kuentos.guam.net>
Source record: 219732

SJK <72164.3611@CompuServe.COM> wrote:

>Does anyone know of any For Sale or Swap Usenet groups or
>Internet sites for amateur radio?

>Steve

Steve,
Try rec.radio.swap, that should be the place.

73, Jim KH2D

240. Re: A tech-minus replies Re: jammer on 2 meters ("channels" fine

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4tuda7$h6f@lehi.kuentos.guam.net>
Source record: 219733

wdr@world.std.com wrote:

>> Michael P. Deignan wrote:

>> > Umm, in case you didn't memorize the question in the question pool,
>> > we don't have "channels", we have "frequencies".

>The HF spectrum (outside 10m FM subband) is indeed pure frequency,

We don't have a 10 meter FM subband. We have a range of frequencies
on ten meters where FM is allowed.

>you can slide down 3kc here, up 100kc there, whatever, and as long

We don't slide. We use VFO's. We tune. Them other people use sliders.

>I'm gonna keep my Code-Free call letters as I upgrade; eventually,
>it'll be an old-buzzard call, while the vanity program re-distributes
>all the "cool short CW calls" to youngsters and they lose their value.

Bill, 'the-old-guys vs. the-new-guys' has always been a part of the hobby.
Don't take it so personal.

73, Jim KH2D

241. Re: BEWARE OF JON VAN ALLEN, KF7YN, IN SALT LAKE CITY

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: km6xu@wco.com
Message-ID: <4tue7h$jml@news.wco.com>
Source record: 219734

Burt Fisher (kotzebue@juno.com) wrote:
: Tim English wrote:

: > Lesson learned here ? DONT TRUST ANYONE anymore. Hams will rip you off as much
: > as the next guy so BEWARE !

: Actually I find hams to be more honest than most.
: Boring, fat, dull, white, lazy but honest.

Hey, watch it! My hams friends are neither boring nor dull! :-)

***** Mark Walsh ***** km6xu@wco.com *****

242. Re: Radio Shack HTX-212 modification

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <DvJDC9.HDC@news.hawaii.edu>
Source record: 219735
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

>> This can be re-enabled through a series of key presses:
>> it's in the manual, I believe.

>Sure seems kind of lame to me that a company would sell a radio that doesn't
>cover the entire band right out of the box. (I know Icom, Kenwood and a few
>others did this with their OLD technology radios... Covered 2 MHz.) It just
>isn't excusable these days.
>Of course, what could anyone expect? It's Radio Shack...

Geez, now the appliance operators are complaining about having to push
a few buttons to get their radio working.

Maybe RS did that on purpose just to insure you'd read the manual.

KH2PZ

243. Re: Radio Shack HTX-212 modification

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: afn35036@afn.org
Message-ID: <3202bcfd.10257902@usenet.afn.org>
Source record: 219736
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Larry Bourdillon <labour@ix.netcom.com> wrote:

>Steve King wrote:
>> ...
>> I was more upset that I can't use a local repeater because the input
>> is 5 kc below the 212's minimum xmit freq.
>>
>
>You didn't mention on what frequency your local repeater operates, but the 212 will
>transmit on all repeater frequencies in the amateur 2m (144-148 mHz) band. As
>shipped there is a cutoff frequency (145 something mHz if I remember) below which
>transmitting is disabled. This can be re-enabled through a series of key presses:
>it's in the manual, I believe.

The repeater in question is the 145.15 repeater in Starke, FL. The
input freq. is 144.55. The pre-mod minimum xmit freq. is 144.60. I
had to do the extended receive mod to use the repeater although I have
to do the offset manually.

Steve
--
http://www.afn.org/~afn35036 (EL89tq)| "I have never really understood the
http://www.afn.org/~gars | rationale behind sports...which
http://www.afn.org/~quilters | all seem like exhausting new ways of
PGP pub key: finger afn35036@afn.org | getting injured while sweating." -LGW

244. Re: RF and the Honda Accord

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: afn35036@afn.org
Message-ID: <3202bf40.10836208@usenet.afn.org>
Source record: 219737

Jake Brodsky <frussle@erols.com> wrote:

>Check with Honda themselves. Find out what their attitude is to RF.
>Corporate America tends to get real cagey when you're trying to get
>them to commit. If they say all below 100 watts, then you're good
>to go.
>
>By the way, your antenna installation will make more difference with
>the RF interference potential than anything else. Have you decided
>where and how you want to mount it?

I'm looking into getting the wagon so there will be no trunk and the
antenna will be at roof level.

Steve
--
http://www.afn.org/~afn35036 (EL89tq)| "I have never really understood the
http://www.afn.org/~gars | rationale behind sports...which
http://www.afn.org/~quilters | all seem like exhausting new ways of
PGP pub key: finger afn35036@afn.org | getting injured while sweating." -LGW

245. Re: MSYS

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: Steve Wolf <no8m@apk.net>
Message-ID: <3202DBED.287D@apk.net>
Source record: 219738

> >Say, does anyone out there know when MSYS for windows might be coming
> >out. Version 1.19 is stable but a Windows version might be able to
> >do alot more. So, if you know, post something for all of us to read.

Hi ...

The MSYS Windows rewrite would be a major project. Rather than
just rewriting MSYS for Windows ... and I would bet it would be for
Win95 ... it would require a tremendous amount of restructuring.

In the end you would have ... MSYS. Same stuff, really. Text
message forwarded here and there. The only real advantage would be
that it would interface nicely were you to want to run an Excel
spreadsheet. What advantage is that when it runs fine on a really
cheap 386/40? Why not have a computer dedicated to MSYS and play
Quake on your Cyrix next to it?

What we would loose is the ability to run it on a Hewlett
Packard HP100LX palmtop that fits easily in your shirt pocket.
We would also loose the ability to take it on the road on our older
8088 laptops.

--
73,
Steve
Internet: no8m@apk.net
Amateur Radio: no8m@no8m.#neoh.oh.usa.na
MSYS Mail List: msys-request@hamnet.org ('info' for title)

246. Israel Radio Amateur Magazine

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: mussali@shani.net
Message-ID: <DvJo9s.lwx@actcom.co.il>
Source record: 219739

Hello,
We are on Internet. From now we have a home page that you can visit. This is only a beta version and we like to get a commends. So, fell free to visit our site and let us know what you think. Here is the location:

http://shani.net/USERS/mussali

==========
Shlomo Mussali 4x6lm E-Mail: mussali@shani.net
Chief Editor of Israel Amateur Radio Magazine Packet: 4x6lm@4z4aaa.isr.mdle
P. O. Box 8225 Tel-Aviv Jaffa, ISRAEL 61081
==========

247. Re: RF and the Honda Accord

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: eugene@loop.com
Message-ID: <4tumsh$ndq@jerry.loop.net>
Source record: 219740

> moo@midtown.net (Bryan Cowan) writes:
> In article <31ff5f08.5699127@usenet.afn.org>, afn35036@afn.org (Steve
> King) wrote:
>
> > I'm looking to buy a 1996 Honda Accord. Does anyone know if there any
> > problems with VHF RF with the Accord? I would ask the salesman but
> > car salesmen almost always lie. Better yet, is there a database on
> > the WWW somewhere with this kind of information?
> >
> > Thank you for your help.
> >
> > Steve
>
> The car salesman probably wouldn't even know what VHF RF *is*. Just for
> personal satisfaction, get a real smug knowitall car salesman, ask him
> about VHF RF, and watch his facade crash. ;)
>
>>>>
I haven't had any problems with my 89 Prelude, with 6, 220, 440, & 1.2. Remember to check weak signals on the Broadcasst AM radio
for poor sheilding on any car before buying.

DE WB6HRO

248. MALICIOUS INTERFERENCE

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: daughert@cnmnet.COM
Message-ID: <199608030300.WAA13643@future.cnmnet.com>
Source record: 219741

hello,
I'm writing to tell you of a problem I'm having with a group of radio operators. i would like to know what you think. every night between the hours of 12:00pm to 1:00am CST me and another radio operator, WB9YHQ get on 146.955 MHz. and chat. Now WB9YHQ has PL Tone and I don't so I have to talk simplex on 146.955. Now the people complaining are not on at that time and when they are on they make noises and tell me to get PL Tone and harassing me by threating to get a restraining order so i can't talk on the frequecies. Now one of the persons who is complaining gave me his microphone because mine went out last summer. He then recored me and played it to the field office of the FCC to back his case that i was talking simplex on a repeater frequency. They claim that a new Public Law was passed and was published in the ARRL NEW FCC RULE BOOK by Norm Bliss WA1CCQ. this so call new public law was a letter written to the Tri State Repeater council by the FCC back in 1983 to settle a Dispute between a coordinated and a none coordinated repeater. It has nothing to do with me nor is it a "new law". One evening another ham operator came on and he too dose not have PL tone they told him to come back anytime. One evening I was talking to WB9YHQ and I told him I was sick of what was going on and was going to run a MUD on packet and these same people go on and asked what Frequency it was going to be on 147.555 MHz which is a packet frequency. they informed me if I put it on that frequency that would complain that I'm causing interference to their packet units. now MUD also run timesharing like the rest of packet. they have even threated to get a restraining order on me to keep me off that frequency as well. Now you would think they would be happy i'm leaving 146.955 MHz. but No! they have to complaining about that too. Now WB9YHQ had no problem with me talking on 146.955 the only ones who are complaining is these people not on the radio at that time. I feel also that there is no problem and since WB9YHQ is the control operator they i feel they have no say in the matter. And if one of them knew it was illegal why did he give me his microphone and isn't what he did by playing for to the FCC entrapment? so what do you think.?

73 Todd N9OGL
daughert@cnmnet.com

249. "GMRS Personal Radio?" What is that?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: ag001@lafn.org
Message-ID: <1996Aug3.010148.13888@lafn.org>
Source record: 219742

I recently saw an ad for a "GMRS personal radio"
being sold at Radio Shack. Can anyone elucidate me
on what this is? The ad went on to say, "FCC license
required." What frequencies are we talking about here?
What kind of wattage would an HT of this type have??

Replies much appreciated.
73s
Abe

KE6OCM
--

250. Re: DO YOU NEED SOME CASH?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <4tugup$12ia@usenetp1.news.prodigy.com>
Source record: 219743

Mebarek Abaidia <abaddjji@sp.zrz.tu-berlin.de> wrote:
>
> (details of illegal pyramid scheme deleted)

Figures that a towel-head would try to pull a scam like this.

-Drew in Sunny Central Florida-
KF4DDM

251. Re: Kids _are_ interested in ham radio.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <4tuhj4$iri@usenetp1.news.prodigy.com>
Source record: 219744

pacrimgolf@kuentos.guam.net (Jim Kehler) wrote:
>
>VUBS79A@prodigy.com (Drew Durigan) wrote:
>
>>Wait until you start trying to make QSO's and some of the...uh,
>>"seasoned" hams refuse to talk to you. They won't consider you a "real

>>ham" because you chose not to waste a bunch of time learning an
>>antiquated system of communication known as Morse Code.
>
>>The CB might look pretty good at that point.
>
>>-Drew in Sunny Central Florida-
>> KF4DDM
>
>Come on Spew. Here you've been being nice and now look at ya.
>Back to your old tricks. What 'seasoned' hams have ever refused
>to talk to you ?

None. But I am not, nor have I ever been a no-code Tech. So the
comparison is irrelevant.

>For that matter, do you own a radio ?

Yes. Two of them, as a matter-of-fact.

> Everybody else is complaining about the OLD guys trying to piss off the
>NEW
>guys, and here you are trying to discourage a new guy. Did you
>graduate to being an 'old' guy all of a sudden. Or are you just
running
>out of pins ?

I just warned the poor fellow of what he may be in for if he happens to
stumble across YE OLDE FAHRTZ in his ham radio "neighborhood."

-Drew in Sunny Central Florida-
KF4DDM

252. Re: BURT FISHER you were right.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: jjmartin@shore.net
Message-ID: <4tukhp$i5r@shore.shore.net>
Source record: 219745

Burt Fisher <kotzebue@juno.com> wrote:

>I was here but my provider had trouble posting messages.
>He may have trouble again. I think they need more computer power.

It looks as though many providers are going through these growing
pains. I have experienced similar problems with my ISP within the
last couple of weeks. The first since I have been with them...a
little more than a year. Looks like there is a market for more ISPs
or more equipment or both.

==========
cheers! Jim Martin, wk1v
Lowell, Mass, U.S.A.
http://www.shore.net/~jjmartin/jjm.htm

253. WHERE IS THE 40M SWAP NET?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: jselby@capecod.net
Message-ID: <4tuaem$bnk@dublin.bitwise.net>
Source record: 219746

HAVE LISTENED SEVERAL TIMES AND HAVE NO IDEA WHERE THE SWAP NET
MEETS. WAS TOLD ITS ON 40M. CAN U SUPPLY ME WITH TIME AND FREQ? MANY
THANKS. JERRY N1UMH

254. RE: New Home Page!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: jerry.olney@partyline.org
Message-ID: <9608030004.003LC00@partyline.org>
Source record: 219747

> Check out my new home page. It has "Amateur Radio" area with several
> links to good things. Has information on tcp/ip, and some good ftp
> sites!
>
> enjoy 73
>
> k6pgt

Would you care to tell us what it's URL is?

Jerry
de N0YOR

255. Re: Fuck You Jim You Low Life

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: jimm@teleport.com
Message-ID: <4tuo2e$r2v@nadine.teleport.com>
Source record: 219748
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

prografx@teleport.com (Steve Kennedy) wrote:

>"He can't come out and play radio today because he has been a VERY
>naughty boy"

>(Use best Monty Python female voice)
>
>Steve
>WB7PSD

Hi Steve

Nice to see you in usual form.
Say "sod off" to the gang for me.

Jim

256. Aan Adriaan uit Apeldoorn, Laat meisje uit Leiderdorp met rust.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: sorry@nergens.com
Message-ID: <4tv8ds$a8d@news.xs4all.nl>
Source record: 219749

"Beste" Adriaan.
We weten meer dan voldoende van je uitspattingen op het net.
Ook weten we dat je via deze groep mail post namens haar.
Ze wil niets meer met je te maken hebben en jij hebt nu ook een vriendin met kind.
Laat haar met rust !
De volgende maatregel is een klacht en mailbomb bij je provider, eens kijken hoe lang je je internet aansluiting nog kan misbruiken.
Bestel ook niet namens of voor haar een band van de conventie zoals je pas hebt gedaan.
Laat haar met rust !!!
We hebben je e-mail naam en provider.
Doe normaal, bemoei je met je eigen zaken en wij laten je verder met rust.
Zo niet ??
Je bent gewaarschuwd en ligt sneller van internet dan je denkt.

een vriend.

257. Re: Ham Radio in Phenomenon

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: vickir@pacific.net.sg
Message-ID: <4tuvi1$do2@raffles.technet.sg>
Source record: 219750

damkern <adamkern@tiac.net> wrote:

>In the movie "Independance Day" you see ham radio operators (really
>military personnel) using CW to save the world. It was after the aliens
>destroyed Earth's communications, so they used the hams to convey the
>battle plans.
>The only problem was that they were using straight keys-at 35 WPM! I
>wish I could do that!
>Also, shouldn't they have been using MARS/CAP???

NEGATIVE>>>>>hams didnt really save the world.

What was shown was Military in Uniform.
BUT>>>Do U think any of them boys now in service know CW ?

They probably cant scrounge up 1 straight key right now if
they had too.
Break out the TNC books......send/rec CW clean !!

N9HPE....clear of the freq.....OUT

258. ATTN: Mac Software Users/Authors

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: john@wd1v.mv.com
Message-ID: <john-0308960614560001@wd1v.mv.com>
Source record: 219751

ATTN: Mac Software Users/Authors for Amateur Radio Market

This is to advise you that Terry Stader, KA8SCP has
turned over the Amateur Radio Macintosh Software List
to me. (Thanks to Terry and Patty, N6BIS)

The new list is on the WWW and includes LINKS

http://www.mv.com/ipusers/wd1v/page5.html

Please check it out when you get a chance and let me know
if your data currently posted is accurate and current.

John D. Seney |_|_|_|_| john@wd1v.mv.com
144 Pepperidge Dr |_| |_| www.mv.com/ipusers/wd1v
Manchester, NH 03103-6150 |_|_ _|_| wd1v@wb1dsw.nh.usa.noam
V 603.533.3472 F 627.1623 | | | | | Paging 5956779@skymail.com

www.lecroy.com/tm/appnotes/appnotes.html

259. Re: History of Morse question

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-03 00:00:00 UTC
From: Phil Sussman <pactor@pactor.com>
Message-ID: <32032411.5F6D@pactor.com>
Source record: 219752

BILL SHYMANSKI wrote:
>
> Without starting a horrendous long thread: can anyone tell me when
> hand-sent "common carrier" landline telegraphy flourished ?
> Are there any land-line telegraph networks still extant that use
> hand-sent code or that rely on "by ear" code recognition ? I get the
> impression that the 5 level Baudot teletype is a pretty ancient
> technology, possibly going back to the '20s or earlier...can anyone
> tell me when machine-codes replaced hand-sent codes in commercial
> service ?
>
> Perhaps it would be more bandwidth-conserving if responses were
> E-mailed; if I get more than a few responses I'll post a summary.
>
> 73,
>
> Bill VE4STW

Hello Bill,

This is Phil, KB8LUJ. I used to do a lot of writing about this subject. Here are a few facts. Actually telegraphy goes back a long way before "wirelne common carrier", namely the ancient Greeks who used mirrors (day) and fire (night) to flash signals. In 1792, the Optical Telegraph (a system of poles and flags that rotated freely over a differential of 45 degree). The different positions on two flagged poles could represent about 8500 words. (92 pages of 92 words ea) The system was actually decommissioned just around the time of WW-I.

Now Volta discovered electric current about 1805 and Morse (who was actually an artist) got the idea for a signalling system he called the 'telegraph' in 1832. He received the patent in 1838. It was 1844 before he could convice people (ie Congress) of the benefit of his device. In 1855, Ed Hughes is credited with inventing a drum device to print messages. In about 1870, Roland (in Italy) used 60Hz AC to send 8 dispatches in parallel. Baudot, a Frenchman, invented Baudot code in 1877 (the Hughes device had 28 possible 'bits') and the Baudot system (went on line in Italy) could send two to four messages at one time (depending upon importance to the use of the wireline).

So, to technically answer your question, machine sent code started in 1792. Wireline, with Morse, in 1844 and 5 level (bit) Baudot in 1877.

By the start of the 20th Century (1900), Frank Pearne got Jay Morton (Morton Salt Co) interested in the printing telegraph and consulted with Charles Krum (who worked at Western Cold Storage, run by Mark Morton, Jay's borther ..Yeah, I know, Krum was an inventor, but he had to do something to earn a living.) Krum, and his son, Howard at first experimented unsuccessfully. In 1906 Pearne quit and became a teacher. Krum kept at it and in 1908 ran their first tests (Chicago and Alton RR) and concluded that mechanical was far better than 'hand'. They decided to make a 'complete' device. Although they had good results, they also found requirements 'exacting'. Morton paid the bills, which were sizeable. The equipment became more accurate and needed less mechanical attention.

Western Telegraph, the common carrier of the day, was very slow to abandon manual Morse. After all they could find many good Morse operators for very low wages.... It was in 1914, when Kent Cooper, of Associated Press (AP) asked Morkrum Co (the teleprinter company founded by Morton) to install one of their devices so that he would not have to send copy boys (messengers) to every Newspaper in NYC with a story.

The original 'teletype' was a converted Oliver Typewriter. In 1910 they had worked out and patented a synchronization process for their GreenCode printer. The idea of multiplex arrived in about 1917.. where parallel lines evolved. The first 'conventional' teletype was the Morkrum 11 of about 1919, followed by the Type-12 in 1924. Now Kleinschmit held printer patents, leading to the merger with Krum, into Morkrum-Kleinschmidt (later renamed Teletype Corporation) and the introduction of the 15-Type.

In 1930, the Bell System (AT&T) pooled resources with Teletype.

Any other questions?

73 de Phil - KB8LUJ

260. Re: .435 repeater in L.A. homepage? Where?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: wa2ise@netcom.com
Message-ID: <wa2iseDvMwp7.4z5@netcom.com>
Source record: 219553

In article <4u119p$d47@news2.h1.usa.pipeline.com> scott9@usa.pipeline.com(Scott) writes:
>On Aug 03, 1996 15:19:43 in article <.435 repeater in L.A. homepage?
>Where?>, 'csupak <csupak@ucla.edu>' wrote:
>>I've been told that the 147.435 2M repeater in Los Angeles has a
>>homepage, of sorts, and I'd like the URL if anyone knows it, please.
>>
>147.435? Damn! That's the most messed up repeater in all of L.A. area. I
>listened to it once and all they do is sear, threaten, talk gay (i don't
>mean happy), and talk about sex!
>
>It's sleeze!
>
I'm still a bit puzzled why the FCC (evne with their limited resources)
haven't jumped on this mess. If I was the owner/trustee, I'd probably
convert this machine to high speed packet use only.

At the hamfest, someone said this machine is like a "Roach Hotel", that
the roaches would scatter and contaminate the other machines if shut
down. I don't think I necessarly buy this arguement....

I use profanity as much as the next guy, but not on the air.

261. Re: German Ham Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: cunliffe@frontiernet.net
Message-ID: <4u39u9$ooi@cheatum.frontiernet.net>
Source record: 219554

Burt Fisher <kotzebue@juno.com> wrote:

>Greg Thompson wrote:
>>
>> Hello all, My name is Greg and I am in the Army. I am on orders for
>> Germany, specifically Wiesbaden. If anyone from that area can give me

>Not a place I would want to go.

>#===============#===#
>| Burt Fisher | Teacher of video, broadcasting and electronics |
>| Amateur call | South Dennis, Ma. (Cape Cod) |
>| K1OIK | Mr. Happy should not be happy all the time. |
>#===============#===#
>| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
>#===#

Not a place where you should be Burt.
====================================
John R. Cunliffe N2NEP
cunliffe@frontiernet.net
http://www.frontiernet.net/~cunliffe

262. Re: The Burt challenge.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: cunliffe@frontiernet.net
Message-ID: <4u3a75$ooi@cheatum.frontiernet.net>
Source record: 219555

timhynde@ix.netcom.com (Tim Hynde) wrote:

>In <320494BF.3ED6@juno.com> Burt Fisher <kotzebue@juno.com> writes:

>In a previous post Burt wrote:
>>>Many hams have told me I was their MOST INTERESTING contact.

>And now his challenge:
>>
>>I get a lot of comments online but do ANY of you
>>have the guts to go LIVE with me on the air?
>>
>>I bet most of those that have a big mouth here
>>and are quick with the name calling will not respond.
>>NO guts.

>So I guess your soooo interesting that you have to rustle up a contact by advertising
>on the internet eh?

And if you get on with him he chicken out as he has done with my wife.
Pah just emty words from Burt.
==========
John R. Cunliffe N2NEP
cunliffe@frontiernet.net
http://www.frontiernet.net/~cunliffe

263. Re: The Burt challenge.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: n4jvp@ix.netcom.com
Message-ID: <320523a7.5381739@nntp.netcruiser>
Source record: 219556

On Sun, 04 Aug 1996 08:17:03 -0400, Burt Fisher <kotzebue@juno.com>
wrote:

>I get a lot of comments online but do ANY of you
>have the guts to go LIVE with me on the air?
>
>I bet most of those that have a big mouth here
>and are quick with the name calling will not respond.
>NO guts.
>
I am in the process of packing up to move back to Georgia next
month but my radios and computers will be one of the last things to be
packaged so I am game. Almost any time will be good (Tuesday nights
are not). Just let me know.
BTW in another post you said:

> If you are German it is in your genes to kill and torture.

My sister was born in a US military hospital that was on a US military
base with the American flag flying overhead near Frankfurt. Inspite of
all that she had to become a naturalized American citizen as by US law
at the time she was considered a German citizen. Those regulations
have been changed so that if she were born in the same situation today
she would be an American citizen by birth. Isn't it wonderful that
genes can be regulated by legal codes!

73 de n4jvp/NH
Fritz

American-born by my Ma 'n Pa
Southern-born by the grace of God

264. Re: The "I" man is a ham HI HI

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: wa2ise@netcom.com
Message-ID: <wa2iseDvMwtC.56E@netcom.com>
Source record: 219557
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.shortwave

oh, you didn't mean to talk about Imus in the morning? nevermind.... :-)

265. Re: K1oink

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: wa5dxp@worldnet.att.net
Message-ID: <4u3c20$do@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 219558
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Burt Fisher <kotzebue@juno.com> wrote:

>

>You are correct. If you are German it is in your genes to kill and
>torture.
>
>
Yep, they got it from the Old Testament. Jews are great torturers,
just look at modern occupied Palestine.

266. For Sale M-1200 Decoder card

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: kdt@ix.netcom.com
Message-ID: <4u3d95$ge2@sjx-ixn6.ix.netcom.com>
Source record: 219559

For Sale Used
Decoder Card for PC
Reception: Morse, RTTY, Sitor A&B, ARQ-M2 M4 E E3 6-90
FEC-A, ASCII, Packet Radio, FAX-AM&FM, POCSAG & GOLAY
Acars, Ctcss, Dcs. Comes with manual and software 3.5 disk
For more Info Check any Universal Catalog. $275.00

267. RF expouse limits

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: Phil Sussman <pactor@pactor.com>
Message-ID: <32053BD5.625B@pactor.com>
Source record: 219560
Cross-posted to: rec.radio.amateur.digital,rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy

As you might be aware, the FCC has set Jan -1, 1997 as
a compliance date for all US ham radio operations to comply
with NTIS Bulletin 65 with respect to RF exposure limits.
This would SEVERELY affect operators of FSK and PSK
because they are considered 'continious transmissions'

There is an FCC imposed exemption for any transmitter
UNDER 50 watts. Over 50 watts, a ham must insure that
he complies with NTIS-65.

I am looking for a copy, preferably on-line, of NTIS
Bulletin 65.

Can anyone help on this?

73 de Phil - KB8LUJ

regarding RF exposure limits.

268. Re: WHERE IS THE 40M SWAP NET?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: gbath@up.net
Message-ID: <4u3cvc$5bv@btc1.up.net>
Source record: 219561

steve <kd6fyk@wco.com> wrote:

>j. selby wrote:
>>
>> HAVE LISTENED SEVERAL TIMES AND HAVE NO IDEA WHERE THE SWAP NET
>> MEETS. WAS TOLD ITS ON 40M. CAN U SUPPLY ME WITH TIME AND FREQ? MANY
>> THANKS. JERRY N1UMH

>there is one in sixland at 12:30 +/- sat.&sun. on 7240 +/-
>73 steve
Up here in Upper MI. I hear the Georgia 40 meter traders net on Sunday
late morning till noonish on 7.275Mhz.

269. Re: JAMMERS ON 2 METER

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <4u3bn5$hf1@abyss.West.Sun.COM>
Source record: 219562

In article <839090386snz@tgold.dialup.access.net>,
Anthony R. Gold <tgold@panix.com> wrote:
>In article <4tu85g$hdh@abyss.West.Sun.COM>
> myers@West.Sun.COM "Dana Myers" writes:
>
>> In article <4tpbcb$b8j@anomaly.ideamation.com>,
>> Michael P. Deignan <kd1hz@anomaly.ideamation.com> wrote:
>
>> >Really? I transmit on 7030Khz. You transmit on 7031Khz. How many channels
>> >are between those two frequencies?
>>
>> In theory, there are an infinite number of channels between those
>> frequencies.
>
>That's not accurate. There may be an infinite number of frequencies,
>but that is not the same thing as an infinite number of channels. If
>a communications channel is to be capable of passing data then it
>must have a finite bandwidth, and so the number of them which will
>not overlap and interfere so as to prevent the data passing must also
>be finite. In your post-Shannon `theory', are you proposing that
>something can be given the name of "channel" which is incapable of
>passing data?

You're certainly correct that bandwidth sets a limit to how many
active channels can occupy a given amount of spectrum, but that doesn't
mean that there aren't an infinite number of channels. People are
still confused by the "40 channels AM, 80 channels SSB" claims made
for some CB radios. We all know that there aren't 120 channels in
CB that can be used at the same time, but there are 120 channels
one can choose from. ;-)

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

270. Re: Burts wife was insulted

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <3205523B.1923@juno.com>
Source record: 219563
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Tim Hynde wrote:
>
> Hey Burt I have a news flash for you, when you make the kind of irresponsible
> posts that you make there is a good chance people are going to say unkind things
> about you and possibly your family.

> Based on all the unkind and downright rude things you have posted I cant belive
> you have the balls to cry about someone spreading rumours in front of your
> daughter or insulting your wife.

Attack me, OK. But what is the point of attacking people that were
not in any way involved? So I can attack your wife if you get me mad?

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#================#===#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#===#

271. Re: The Burt challenge.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <320552BB.CE2@juno.com>
Source record: 219564

Tim Hynde wrote:
>
> So I guess your soooo interesting that you have to rustle up a contact by advertising on the internet eh?

I want to see if any big mouths here can talk live on the air
where others will hear them and they will have to go toe to toe.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#================#===#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#===#

272. Jew hating Ruthie

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <3205542F.5B05@juno.com>
Source record: 219565

John R. Cunliffe wrote:
>
> And if you get on with him he chicken out as he has done with my wife.
> Pah just emty words from Burt.

Lets go on the air with your Jew hating wife Ruthie.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#================#===#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#===#

273. Jew hating Ruthie

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <32055472.30A8@juno.com>
Source record: 219566

Here is some more wisdom from the the wife of Mark Furhman?:

++
+ Ruthie Cunliffe (Hoffman), AA2IO +
+ ruthie@eznet.net +
+ ruthie@utd.rochester.edu +
+ fax#: 716-359-9368 +
+ Packet: aa2io@wb2vph.#wny.ny.usa.noam +
++

From: Ruthie Cunliffe <ruthie@eznet.net>
Subject: Re: fool

As for your pal from Israel, well of COURSE he wouldn't have liked what I said!! Too many Jewish people live exclusively in the past and will NEVER let go of it, continue to beat to death what happened during WWII, and are so blind they can't see how THEY behave now. The behavior in Isreal is disgusting in its own right.

And now my comment (Burt-K1OIK):

Most readers will not "get it", but evil triumphs when good people look the other way. Are hams like Mark Fuhrman? No but they will look the other way.

274. Jew hating Ruthie-more

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <320554A7.7B0A@juno.com>
Source record: 219567

What do you think of the following message I received?

Date: Sun, 03 Sep 1995 21:55:54 -0400
To: k1oik@ccsnet.com
From: Ruthie Cunliffe <ruthie@eznet.net>
Subject: ham??

Dear Burt,

Your bizzare ramblings in the misc ham newsgroup have been rather entertaining.

I'm curious as to why you bother keeping your ham radio license if you think all hams are rotten to the core?

I'm also wondering if you are the least bit aware that if it hadn't been for Jews in the first place, Hitler wouldn't have had any reason to go on a rampage and possibly that would have spared the lives of many Germans, Italians, Poles, Russians and many other ethnic groups? Should we hate ALL JEWS for even exsisting because if they hadn't possibly my relative would ...have been spared rather than put to death (not a Jew, a German who was ill and was encarcerated and put to death during WWII)?? Thankfully I do not live in the past nor do I carry hate and unforgiveness in my heart and soul. My life is much better because I don't. Try it, you might like it.

A couple points I thought about making in the newsgroup but since I am not one to regularly frequent that newsgroup and also don't wish to embarass you

in public (you're doing that just fine all by yourself) I choose to make these points in email:

YOU did not live through World War II. YOU did not spend time in a concentration camp. YOU haven't a clue what the word NAZI means. YOU don't have much reason to be proud of your heritage as an American now do you??? How many Native Americans were slaughtered by Americans? How many Africans and other ethnic peoples were tortured and died due to being enslaved by AMERICANS??? How many people died due to the AMERICANS using nuclear warfare?? How many Jews, Germans and others died during WWII during the intentional fire bombing of cities such as Dresden???

You should think about some of these things before you open your fat mouth. If you're babbling in the newsgroup is just for entertainment then keep at it and anyone who is not a ham and happens into that newsgroup will possibly think that all hams are like you. But if they stick around awhile they'll realize that you're nothing but a bag of wind with little if no intelligence behind what you say. Oh..and the .gif file idea was a real scream!!

My sympathies, Burt, if you're doing this for more than
entertainment....your life must be really empty and full of hate.

CUL, Ruthie
++
+ Ruthie Cunliffe (Hoffman), AA2IO +
+ ruthie@eznet.net +
+ ruthie@utd.rochester.edu +
+ fax#: 716-359-9368 +
+ Packet: aa2io@wb2vph.#wny.ny.usa.noam +
++

275. Jew hater Ruthie

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <320554CB.57B1@juno.com>
Source record: 219568

Here is my response to Ruthie (AA2IO)with some of her comments included:

Ruthie said:

RU>I'm also wondering if you are the least bit aware that if it hadn't been for
RU>Jews in the first place, Hitler wouldn't have had any reason to go on a
RU>rampage and possibly that would have spared the lives of many Germans,
RU>Italians, Poles, Russians and many other ethnic groups? Should we hate ALL
RU>JEWS for even exsisting because if they hadn't possibly my relative would
RU>have been spared rather than put to death (not a Jew, a German who was ill
RU>and was encarcerated and put to death during WWII)?? Thankfully I do not
RU>live in the past nor do I carry hate and unforgiveness in my heart and soul.
RU>My life is much better because I don't. Try it, you might like it.

I replied:
Ruthie your message is going public. People need to see what you are
made of. You are a total pig. You are blaming the victims for the deaths
of others. So if you were raped the attacker ought to get off because if
you were not there he would not have raped you. And thus the rapists
family ought to hate you if he winds up in jail because of what YOU did
by being there. I do not hate today's Germans but I hate that in them
that caused them to sell to Iraq germ warfare. But it is clear you
despise Jews for in your words they existed and therefore caused the
Nazi actions.

Ruthie said:
RU>How many Native Americans were slaughtered by Americans? How many Africans
RU>and other ethnic peoples were tortured and died due to being enslaved by
RU>AMERICANS??? How many people died due to the AMERICANS using nuclear
RU>warfare?? How many Jews, Germans and others died during WWII during the
RU>intentional fire bombing of cities such as Dresden???

I replied:
The American actions against Indians pales against the Nazi acts. There
is NO comparision. Slavery has some comparison but still pale against
the Nazis and white America paid for those mistakes and are still paying
dearly. As far as nuclear warfare it SAVED lives. Fire bombing was
necessary. If you start afight you ought not be surprised if the victim
fights back.

RU>My sympathies, Burt, if you're doing this for more than
RU>entertainment....your life must be really empty and full of hate.

Please do not judge me based on your character (of course if I even
ascribe to you the fact that you have ANY character, that is a stretch).

Click on a read option:

276. Re: The Burt challenge.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <32055548.7547@juno.com>
Source record: 219569

Tony Pelliccio wrote:
>
> Here I am - Providence, RI - not that far away. I can hit most of the Fall
> River repeaters and the ones in Boston too.

Can you reach New Bedford?
145.49?
I can reach Boston as well.

> While I haven't launched into an out and out attack on you I do disagree
> with most of your postings.

I welcome a discussion.

```
#================#=========================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | Mr. Happy should not be happy all the time. |
#================#=========================================================#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#=============================================================================#
```

277. Schematics NEEDED

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: dave hills <dhills@onramp.net>
Message-ID: <32055628.23A8@onramp.net>
Source record: 219570
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.misc,sci.electronics.repair

I have a WWII vintage Army receiver, model BC-348, which does not operate on the high band. Does any one know where I can obtain a schematic for this model? I would very much appreciate any help!

Thank You!
--
Dave Hills, P.E.
dhills@onramp.net

278. Re: German Ham Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <320555BE.D19@juno.com>
Source record: 219571

John R. Cunliffe wrote:
>
> Not a place where you should be Burt.

I can understand why you say that with your Jew hating Ruthie.
Can we try 75 meters again?

```
#================#=======================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | Mr. Happy should not be happy all the time. |
#================#=======================================================#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#=========================================================================#
```

279. Re: Burt's guts

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <3205563A.1253@juno.com>
Source record: 219572

Gerald Schmitt wrote:
>
> The Burtster is a real expert on guts, apparently he spends his HF time
> challenging 71 year old hams to physical confrontations. This a really
> dangerous undertaking and we should all applaud Bert's courage. Old
> Burt does challenge people more his own age if they are sufficiently
> far away. Sorry Burt I'm just not impressed with your schoolyard macho
> antics. If the guy down the street doesn't respond to your challenges
> it is out of maturity not fear. It is you sir who are the coward
> woofing on the internet where the possibility of a real confrontation
> is extremely remote. Perhaps you should try and learn some new social
> skills from your students.

Anytime you want to come here with a few friends to "talk" is OK by me.
See if I shrink from it.

--
#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#================#===#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#===#

280. Way Cool Ham Website

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: David Hamilton <bdx@magi.com>
Message-ID: <32057BA5.187F@magi.com>
Source record: 219573
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.amateur.radio.antennas,rec.radio.amateur.packet

Say, have you checked out BDX Radio Ltd's ham radio website at
www.bushdog.com? Go take a peek! There are some great pix from the
Canadian Arctic, and descriptions of the 4 Week Licensing courses that
they offer.

Cheers,
Dave VA3UE

281. HF FAX program?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: dcorio@dhinternet.com
Message-ID: <MPLANET.32055867dcorio98968e@news.dhinternet.com>
Source record: 219574
Cross-posted to: alt.radio.digital,rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.shortwave

Can anyone give me the name (and download location) of a good FAX
program that will work with my PK-232? I have the original PK-FAX
program, but that is pretty limited. Thanks in advance for your help.
Dave
N0HNJ

282. XIT for HR-2600 or HTX-100

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: Edward Oros <ac3l@pgh.net>
Message-ID: <32055AD8.9A5@pgh.net>
Source record: 219575

Would you like to add an XIT control
for your HR-2600 or HTX-100? Visit...

http://qth.com/antenna

(The HTX-100 article should be up
by tomorrow.)

Ed-- AC3L

283. Re: JAMMERS ON 2 METER

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: tgold@panix.com
Message-ID: <4u3ote$mdl@panix2.panix.com>
Source record: 219576

Dana Myers (myers@West.Sun.COM) wrote:

: You're certainly correct that bandwidth sets a limit to how many
: active channels can occupy a given amount of spectrum, but that doesn't
: mean that there aren't an infinite number of channels.

It does to me.

: People are
: still confused by the "40 channels AM, 80 channels SSB" claims made
: for some CB radios. We all know that there aren't 120 channels in
: CB that can be used at the same time, but there are 120 channels
: one can choose from. ;-)

A large but finite number of channels multiplied by a finite number of
modes will still yield a finite product. I still can't get that final
step from very large to infinite.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

284. IPS Daily Report - 04 August 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <4u3ar0$e00@flare.syd.ips.oz.au>
Source record: 219577
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 04/2330Z AUGUST 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 04 AUGUST AND FORECAST FOR 05 AUGUST - 07 AUGUST

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 78/17

GOES satellite data for 03 Aug
Daily Proton Fluence >1 MeV: 4.2E+05
Daily Proton Fluence >10 MeV: 1.7E+04
Daily Electron Fluence >2 MeV: 7.8E+07 (normal)
X-ray background: A6.6
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
05 Aug 06 Aug 07 Aug
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 05 Aug: 76/14

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Quiet

Estimated Indices : A K Observed A Index 03 Aug
Learmonth 6 2222 2212
Fredericksburg 8 8
Planetary 8 7

Observed Kp for 03 Aug: 2323 2122

2B. MAGNETIC FORECAST
Date Ap Conditions
05 Aug 8 Quiet to unsettled
06 Aug 5 Quiet to unsettled
07 Aug 5 Quiet to unsettled

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band

Date Low Middle High
04 Aug Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
05 Aug Normal Normal Normal
06 Aug Normal Normal Normal
07 Aug Normal Normal Normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
04 Aug 11

Observed Australian Regional MUFs:
Darwin, Sydney: Near predicted monthly values,
with spread F during local night.
Townsville: Near predicted monthly values.
Hobart: Near predicted monthly values with
blanketing sporadic E during local night.

Predicted Monthly T index for August: 10

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
05 Aug 10 near predicted monthly values
06 Aug 10 near predicted monthly values
07 Aug 10 near predicted monthly values

A Windows version of the IPS HF prediction software, ASAPS, will
be available from early August 1996, for AUD350.
Upgrades from DOS versions 2.0 and higher will be available for
AUD50.
For more details, or to obtain a free demonstration copy, please
contact IPS.

--
IPS Radio and Space Services | email: rwc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/rwc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/rwc/
tel: +61 2 94148300 | fax: +61 2 94148331

285. Looking for N3FUD

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: Art.Roberts@275-17.woodybbs.com
Message-ID: <c63_9608051101@woodybbs.com>
Source record: 219578

Hi OM's

I am trying to make contact with Chip, N3FUD. Last I knew, he was in
the Harrisburg, PA area.

Thanks es 73

Art W1GOM
Norman, OK

... Backup not found: (A)bort (R)etry (S)lap nearest innocent bystander.
--- Blue Wave/Opus v2.20 [NR]
Origin: Retriever's Retreat (KB5WIF) V.Fast/v.42b (73:6601/0.0)
--
|Fidonet: Art Roberts 1:275/17
|Internet: Art.Roberts@275-17.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.

286. Looking for N3FUD

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: Art.Roberts@275-17.woodybbs.com
Message-ID: <c64_9608051101@woodybbs.com>
Source record: 219579

```
* Crossposted from: AR-Net: USENET - rec.radio.amateur.digital.misc

Hi OM's

I am trying to make contact with Chip, N3FUD. Last I knew, he was in
the Harrisburg, PA area.

Thanks es 73

Art W1GOM
Norman, OK

... Backup not found: (A)bort (R)etry (S)lap nearest innocent bystander.
--- Blue Wave/Opus v2.20 [NR]
# Origin: Retriever's Retreat (KB5WIF) V.Fast/v.42b (73:6601/0.0)
--
|Fidonet: Art Roberts 1:275/17
|Internet: Art.Roberts@275-17.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.
```

287. Looking for VK2KWD (David Wales)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: Art.Roberts@275-17.woodybbs.com
Message-ID: <c65_9608051101@woodybbs.com>
Source record: 219580

Greetings OM's

I have lost my internet address for VK2KWD. I will be back on the net
very soon and need to find this address.

Thank you for your help.

73,

Art W1GOM
Norman, OK

... "Mr. Worf, fire phasers" ... Zzzzzap!
--- Blue Wave/Opus v2.20 [NR]
Origin: Retriever's Retreat (KB5WIF) V.Fast/v.42b (73:6601/0.0)
--
|Fidonet: Art Roberts 1:275/17
|Internet: Art.Roberts@275-17.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.

288. Re: OLD TIMERS! Rember the ARC-5's

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: Art.Roberts@275-17.woodybbs.com
Message-ID: <c66_9608051101@woodybbs.com>
Source record: 219581

Hi OM's,

I sure remember the old ARC5's, and all the FUN back then.
I am not sure if it is the exploding technology, or just society caving in, but the old hobby is just not what it used to be, to me. I have more fun on the internet now.

Especially the last few years, enjoying more adult activities, with several lady friends, and now a lovely XYL (who has NO interest in ham radio).
But, she keeps life VERY interesting.

After all this and 10 years of riding on paramedic units, I guess I have found that there IS life, besides amateur radio...

(and this is from a real radio addict, in earlier days)

Maybe some day the old magic will return, but I doubt it...

Thanks for the memories!

Art
W1GOM

... "Yield to temptation, it may not pass your way again." - L. Long
--- Squish v1.01
Origin: Retriever's Retreat WOC'n & POP'n v.FASTly (405)359-1540 (73:6601/0)
--
|Fidonet: Art Roberts 1:275/17
|Internet: Art.Roberts@275-17.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.

289. Re: Want to get into Ham radio-anyone recommend a radio?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug4.152056.10292@ke4zv.atl.ga.us>
Source record: 219582

In article <4tpt4c$q8o@lehi.kuentos.guam.net> pacrimgolf@kuentos.guam.net writes:
>clint.bradford@atdbbs.com (Clint Bradford) wrote:
>
>>I'm sorry, Jim, that you are experiencing such problems in whatever your
>>neck of the woods is. My reply to the original poster showed him that he
>>shouldn't be using "absolutes" when it comes to range and coverage of
>>HTs. Your reply to me does nothing to help the original poster.
>
>Clint, thanks, but I don't have any problems. Let's see if we can simplify
>what is trying to be said.
>
>Q. What is the range of a 220 HT ?
>
>A. Three blocks. If you can hit a repeater, maybe 100 miles. If you can
>hit a repeater that is linked to other repeaters, maybe three states.
>But if there are no repeaters around that you can use, three blocks.
>
>That's about a simply as I can figure out how to say it.
>
>73, Jim KH2D

And it is, of course, simply wrong. While there may be times when
you can only get 3 blocks range from a 220 HT, there are also times
when it can reach 60 miles or more (such as when it contacts that
distant repeater station on a mountaintop, which could just as well
be another HT equipped user in the same favored location). It all
depends on terrain and propagation as to how good the range will be
in any given situation. For lucky West coast HT users, the north
Pacific duct will even allow them to contact Hawaii from time to
time. That's a wee bit more than 3 blocks.

Gary
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Lawrenceville, GA 30244 | |

290. Re: HTX-202 doesn't like 5w through duckie

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug4.152737.10381@ke4zv.atl.ga.us>
Source record: 219583

In article <4tqrs4$nbv@dailyplanet.wam.umd.edu> ham@w3eax.umd.edu (Scott Rosenfeld NF3I) writes:
>Maybe so. But the HTX-202 DOES NOT like 5 watts out of a rubber
>duck antenna. Can make the uProcessor go wacky.

I haven't seen that, but I have seen RF feedback drive the PLL
out of lock when using high power with the duck. That gives
you an ERR2 condition, but I wouldn't say it drives the microprocessor
wacky (what's the precise technical definition of "wacky" anyway?).

Gary
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291. Re: JAMMERS ON 2 METER

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug4.154458.10514@ke4zv.atl.ga.us>
Source record: 219584

In article <839090386snz@tgold.dialup.access.net> tgold@panix.com writes:
>In article <4tu85g$hdh@abyss.West.Sun.COM>
> myers@West.Sun.COM "Dana Myers" writes:
>
>> In article <4tpbcb$b8j@anomaly.ideamation.com>,
>> Michael P. Deignan <kd1hz@anomaly.ideamation.com> wrote:
>
>> >Really? I transmit on 7030Khz. You transmit on 7031Khz. How many channels
>> >are between those two frequencies?
>>
>> In theory, there are an infinite number of channels between those
>> frequencies.
>
>That's not accurate. There may be an infinite number of frequencies,
>but that is not the same thing as an infinite number of channels. If
>a communications channel is to be capable of passing data then it
>must have a finite bandwidth, and so the number of them which will
>not overlap and interfere so as to prevent the data passing must also
>be finite. In your post-Shannon `theory', are you proposing that
>something can be given the name of "channel" which is incapable of
>passing data?

Careful. It is easy to get confused when talking about infinities.
How many real numbers are there between 0 and 1? There are an
infinite number of them. The way you prove that is that for every
pair of numbers you select, I can select a number which fits between
them in the sequence. Now how narrow can a communications channel be
and still convey information? If you are willing to lower the information
rate, each channel can be arbitrarily narrow. For every channel width
you can present, I can present a narrower one by lowering the information
rate. There are an infinite number of choices between 1 and 0, so I
don't need to go all the way to zero to fit another one in. Hence there
really are an infinite number of channels I can fit between any two
other channels.

Let me put this another way, what is the result of infinity/2?
What is the result if you divide infinity by 3? By 10? By 10^6?
The answer is still infinity. When you divide infinity by a
finite number, the result is always still infinity.

Gary
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Lawrenceville, GA 30244 | |

292. Re: JAMMERS ON 2 METER

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug4.144455.9994@ke4zv.atl.ga.us>
Source record: 219585

In article <4tpbcb$b8j@anomaly.ideamation.com> kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:
>In article <4tmcp8$sb2@abyss.West.Sun.COM>,
> Dana Myers <myers@West.Sun.COM> wrote:
>>7030KHz is a frequency; so is 7040KHz, and so is 14100KHz.
>>
>>However, when you transmit information more than one frequency
>>is involved. Every signal occupies some amount of bandwidth;
>>even CW occupies bandwidth like any other AM signal. A look in
>>my Webster's dictionary shows that the salient definition of
>>'channel' is 'a narrow band of frequencies used by a radio transmitter'.
>
>Really? I transmit on 7030Khz. You transmit on 7031Khz. How many channels
>are between those two frequencies?

How many angels can dance on the head of a pin? Depending on the information rate, and the modulation used, there are zero or many channels in between. We can make a channel arbitrarily narrow by lowering the information rate, so we can have an arbitrarily large number of channels between those two in principle. In practice, we don't have equipment to support arbitrarily narrow channels, so the answer is finite.

>>On a 2m radio, the channel bandwidth is usually greater than 5KHz,
>>but every frequency you operate on represents the center of a channel.
>
>Really? What's "Channel 19" on your 2 meter radio?
>
>A "channel" might be a 'narrow band of frequencies used by a radio
>transmitted', but they are also a "standard", in the sense that a group
>of people must agree on what "Channel 1" represents.
>
>Since there is no such "standard" or "good amateur practice" which
>dictates the definition of "channels" in amateur radio, your claim that
>ham radio uses "channels" is demonstrably incorrect.

That is the bureaucratic usage of the term channel. If you insist that radio amateurs are bureaucrats rather than technical in their nature, then I suppose you can insist on the bureaucratic usage. However, if you believe that amateurs are those with an interest in the radio arts, as called for in both the ITU and FCC service charters, then you'll use the standard technical meaning of the term as used in communications and information theory texts.

Channels need not be either numbered or named. Like the spectrum,
they simply exist, a fact of nature inherent in the application
of information to a signal. As Shannon demonstrated, the notion
of channel is critical to the understanding of the way information
is transmitted. Of course if you wish to insist that amateurs
should be ignorant of how radio works, then you won't use channel
in this way.

Gary
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293. Re: Want to get into Ham radio-anyone recommend a radio?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug4.150155.10103@ke4zv.atl.ga.us>
Source record: 219586

In article jherman@Hawaii.Edu (Jeffrey Herman) writes:
>Jim Kehler <pacrimgolf@kuentos.guam.net> wrote:
>>clint.bradford@atdbbs.com (Clint Bradford) wrote:
>
>>>Yeah, I know. I can only "hit" three western states with my lousy
>>>Standard C-288a 220MHz HT...
>
>>No, you can hit three repeaters, not 3 states. Understand the concept of linked
>>repeaters, or repeaters in general. You aren't communicating with anybody or
>>anything but the repeater.
>
>Not only that, but remember those rptrs are someone else's radios. You're
>completely dependent upon the owners of those radios for your communications.

Just as you are completely dependent on someone else's radio for
any two way communications other than between two radios which
you personally own, You're always dependent on someone else's radio.
The only difference with repeaters is that it may require two or more
of "someone else's" radios to establish the communications channel.

>>>You need to qualify what you're saying. Here in repeater-rich Southern
>>>California, an HT will get you connected with about all you'd ever want.
>
>Really? Tell me how to use a SoCal rptr to yak with Jim in Guam.

Who in their right mind would want to do that? :-)

If you were to choose the right time (and that's always a factor
with HF), you could use one of the 222 MHz->10m repeaters in
SoCal to reach Guam. Or use one of the sat gateways to reach
Guam. That's hardly what the typical VHFer is interested in
doing, however. Dx fever hasn't infected too many of the VHFers
yet (and hopefully never will).

Gary
--
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294. Re: JAMMERS ON 2 METER

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug4.151356.10206@ke4zv.atl.ga.us>
Source record: 219587

In article jherman@Hawaii.Edu (Jeffrey Herman) writes:
>My Oxford Dictionary Of The English Language contains no mention of
>"frequency" in its definition of "channel."

What does the Oxford have to say about wavelets, or linear time invariance, or forcing functions as used in communications? When dealing with a specialized technical subject, it is best to rely on the technical definitions used in that field rather than to look in a general dictionary. Try opening a textbook on modern communications or information theory and see what the authorities in the field say the definitions are.

Try looking up "hooker" in the Oxford. There are two very different definitions depending on the profession using the term. It means one thing in the textile industry, and a very different thing in the world's oldest profession. You'd feel sort of foolish using the latter meaning when discussing textiles with a textile engineer wouldn't you? And you might confuse some poor lady if you used the textile meaning while cruising the street (though she might just think you were kinky).

Gary
--
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Lawrenceville, GA 30244 | |

295. Re: JAMMERS ON 2 METER

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug4.140538.9671@ke4zv.atl.ga.us>
Source record: 219588

In article jherman@Hawaii.Edu (Jeffrey Herman) writes:
>C. Wheeler <cwheeler@ccnet.com> wrote:
>>Umm, in case you've never been outside your little self indulgent amateur
>>radio world... FM repeaters do operate on channels. We may identify
>>them by their center frequency instead of arbitrary numbers, but they are
>>channels.
>
>Repeaters operate on frequencies just like any other amateur transmitter.
>I like to hang out on 7030 kc but no one in their right mind would call
>that a channel. QRP ops hibernate on 7040 kc; that a group of operators
>nationwide monitor that frequency doesn't make it a channel. The 20M
>NCDXF beacon system lives on 14.1 Mc. Is it a channel?
>
>The 2M rigs I've seen allow an owner to vary the frequency by 5 kc
>steps. Are each of those channels?

Shannon would say yes in each of those examples. Any modern communications
or information theory textbook would also say that they are channels.
The uses to which bureaucrats or the lay public put the term channel
aren't really relevant to those whose purpose is the exploration of the
radio arts. We should use the technical meaning of the term as it is used
in the communications field.

Gary
--
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296. Re: Code above 11wpm

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug4.140747.9762@ke4zv.atl.ga.us>
Source record: 219589

In article <4tmm5e$c2m@lehi.kuentos.guam.net> pacrimgolf@kuentos.guam.net writes:
>scott9@usa.pipeline.com(Scott) wrote:
>
>>I just got my Novice licence and am going for the Tech + on August 3rd. I
>>was planning on taking the General Class 13wpm code test the same day and
>>the theory the next month, but it seems that i've been practicing my code
>>for weeks and I just can't seem to get above 11wpm.
>>
>>Any tips?
>
>Yep. Stop listening to the jammers on 2 meters and start listening to the CW
>stations on HF. Better yet, start TALKING to the CW stations on HF.

That would probably annoy them, as well as likely being illegal.

Gary

--
Gary Coffman KE4ZV | You make it, | Due to provider problems
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297. Re: Its OK to order pizza on 2m autopatch

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug4.180048.10976@ke4zv.atl.ga.us>
Source record: 219590

In article <4tc2rr$qn2@lehi.kuentos.guam.net> pacrimgolf@kuentos.guam.net writes:
>Mark, maybe the closing of repeaters would not be such a bad thing.
>Personally, I think repeaters do more damage than they do good.
>Close them all, and we don't have to worry anymore about who does or
>doesn't what on which repeater. Most towns I have driven thru I
>couldn't find anyone to talk to, more less find an open autopatch to
>order a pizza.
>
>1. In the U.S. the constant argument about frequency coordination
>would disappear if there were no repeaters to coordinate. I imagine
>thats still going on, seems I just read the ARRL is going to start
>paying people to do it.

The ARRL is going to start paying for the *databases* that they've been
using for free from the coordinators in the publication of their
repeater directory. That's not the same as paying people to coordinate
repeaters.

>2. Repeaters tend to break hams up into small (unfriendly) groups.
>
>When I lived in the U.S. I traveled many times up and down 95 between
>Florida and Washington D.C. Trying to find someone to talk to on any
>of the available repeaters was virtually impossible. Many times I
>heard someone on one of the MD. repeaters 'This is W9VAC passing thru
>on vaction, anyone around ?' which was usually followed by 'W3LID
>this is W3KID' - i.e., we are here, but we don't want to talk to you.

Repeaters serve as gathering places for people of like minds and
like interests. They are like waterholes, places to congregate and
socialize, but the lion and the lamb often don't drink together
since their interests are divergent. Some repeaters are setup
expressly to serve the travelling amateur, but most are not. They
are setup to serve a segment of the *local* amateur community.

Each community has its own personality, and every repeater is a
community. Some are open and welcoming of every stranger who
wanders by, but most want to look him over and take a bit of
time before inviting him to sleep with their daughters.

I find that repeaters which are less frequented by travelling
yankees have a warmer welcome than those who must suffer under
that sort of invasion frequently. But that's purely a Southern
perspective. We still haven't warmed up to carpetbaggers.

>3. Repeaters give hams (especially new hams) a very false sense of
>their communications capablitites. They tend to make people very lazy

>when it comes to equiping themselves. 'Why should I put up an antenna
>for 2 meters ? I can hit the repeater with my HT from any bathroom in
>the house ?'.

That is true to an extent. However for many hams, outside antennas
are impossible (covenants), and even if they could put up such an
antenna, the number of stations they could work direct would still
be depressingly small due to the relatively sparse amateur population
and local terrain. And among that small number, the likelyhood of
finding many of like mind and interest is low. Repeaters allow more
geographically diverse communities to form. By being able to draw
from a larger area, the repeater makes it more likely for a sustainable
group of like interests to be created.

>4. Repeaters don't teach hams how to pool their resources for a common
>good. People don't like a repeater for one reason or another, so they
>go put up their own. In a place as small as Guam, we have had as many
>as five repeaters on VHF at one time. For an area 35 miles long and 6
>miles wide. None of which covered, or do cover, half the island. All
>of which could have been combined into a system with remote receiver
>sites that would provide much better coverage for the island. At any
>given time in Guams history there haven't been five hams on two meters
>at the same time, but we still need five repeaters. Sure, in an area
>where there are a lot of hams, there are a lot of repeaters, and they
>are busy all the time. Busy with what ? Busy with people talking for
>the sake of talking, not for communications purposes. Fred and
>Charlie might be two blocks apart, but they rag chew on the repeater
>for an hour, about nothing.

Repeaters most certainly do teach hams how to pool their resources.
Few repeaters are created, funded, and used by a single amateur.
Almost all of them are group endeavors, designed to serve a particular
group. Your experience is atypical on Guam. It may be the result of
having such a small pool of amateurs that you can't attract a critical
mass of those with like interests who would support a repeater for
the group.

As to Fred and Charlie, the reason they may choose to use the repeater
is so that other of their friends scattered over the geographically
large area the repeater covers would know they are on and available
to chat. When people sneak off behind the barn to talk, it is darn
hard for others to find them. If they meet on the front porch of the
general store, everyone knows where to reach them.

>5. Autopatches don't promote a 'we' attitude, they promote a 'me'
>attitude. Lots of people are interested in repeaters for one reason -
>the autopatch. Take that away and see how many users stop paying dues
>and go to another clubs repeater. With todays cellular phone systems,
>I can't see why anyone would want to use or need an autopatch.
>All this crying about CW being 'ancient' and 'outdated', how did
>autopatches get overlooked ?

I agree totally with this. Autopatches are as anachronistic as CW,
and of as little real use. I won't have anything to do with them.
I cannot understand why some people feel it necessary to interrupt
a conversation on a repeater so they can call their wife and tell
her that they've just left a place *with a lot of telephones* and
are on the way home. Presumably the call is to warn her to get her
lover out of the house since it contains nothing else of substance,
but since the call is made at the same time every day, you'd think
she could just set an alarm instead.

Gary
--
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298. Re: JAMMERS ON 2 METER

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug4.142950.9872@ke4zv.atl.ga.us>
Source record: 219591

In article <31FFE82F.1D9D@ix.netcom.com> KD1YV <jimkd1yv@ix.netcom.com> writes:
>Dana Myers wrote:
>{deletia}
>> However, when you transmit information more than one frequency
>> is involved. Every signal occupies some amount of bandwidth;
>> even CW occupies bandwidth like any other AM signal. A look in
>> my Webster's dictionary shows that the salient definition of
>> 'channel' is 'a narrow band of frequencies used by a radio transmitter'.{deletia}
>
>Well, if you think of a channel as tuning by a discrete step in frequency, as
>opposed to infinite variability, then virtually all modern HF rigs are also
>"channelized." True, the steps may be only 1 or 10 Hz each, but they are
>steps, nonetheless.
>
>I love my coal-fired Hallicrafters, which _does_ tune frequencies :-)

Your Hallicrafters uses communications channels just the same as any
other radio. It has nothing to do with how the radio tunes. It has
everything to do with the occupied bandwidth of the signals emitted
or received. Open any modern (post-Shannon) textbook on communications
or information theory and you'll find that a channel is not some
bureaucrat's numbering scheme, it is the band of frequencies over
which information is passed. And *every* information bearing signal
occupies a channel, even OOK Morse. When you move outside that band
of frequencies, you've changed channels. Whether you do it in discrete
steps or in a smooth analog manner is irrelevant.

Note: most channels are finite, but Shannon showed that a channel
could also be infinite, and in fact that for a given information
rate the infinite channel works at the lowest CNR possible. We
don't really do this in practice because we don't have equipment
which can support the infinite channel. It is the insight which
pointed us to the advantage of spread spectrum, however.

Gary
--
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Lawrenceville, GA 30244 | |

299. Re: Its OK to order pizza on 2m autopatch

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug4.135331.9566@ke4zv.atl.ga.us>
Source record: 219592
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <31FE1C05.133C@tenet.edu> loker@tenet.edu writes:
>>We have a few people on one of our best 70 cm repeaters who are on it
>constantly, sometimes 10-15 times a day. It is obvious that they are
>trying to avoid phone charges, because two of the parties are brother
>and
>sister. One wonders if the've ever heard of a telephone, but there's no
>doubt what they are doing.<
><
>
>I disagree with that being a problem, at least to some degree. My wife
>and I both are licensed, and both carry HTs. Our motiff for becoming
>HAMS was so that we could stay in touch. What you are suggesting is that
>we should both have cell phones. Now I will qualify my first statement.
>We do not just sit on the repeaters yik yaking about stuff that we can
>talk about later, or should be discussed on a phone, etc. What we do use
>the repeaters for is to keep in touch when we are out of simplex range.
>I have set up a nice base station and our simplex range is quite far
>when one of us is at home. I frequently chat with other hams in the
>area, attend club meetings when possible, pay my club dues, and
>participate with the emergency net when possible. However, my wife does
>not. SHe has no interest whatsoever in the meetings, or talking with
>other HAMs.
>
>In my opinion, our conversations are just as legit as any of the other
>wastefull commmunications that I hear some of the people talk about. In
>our area, there are MANY husband and wife HAMs, and most of the traffic
>between these is for "keeping" in touch. Aside from their traffic, there
>is frequently people yik yaking about stuff of no relevance.
>
>ANyway, the point is, the argument that two people shoudl have cell
>phones, and that they must be avoiding phone charges is ridiculous. That
>mentality suggests that the only communications that are acceptable on
>HAM is nothing; except tech talk, emergency or the weather or other hee
>hawing about nothing.

If you look at the ITU regulations, it says in part that the content of
amateur communications shall be, "limited to messages of a technical
nature relating to tests and remarks of a personal character for which,
by reason of their unimportance, recourse to the public telecommunications
service is not justified."

And Part 97.113(a) says "No station shall transmit communications
as an alternative to other authorized radio services, except as
necessary to providing emergency communications."

So the guiding principle should be that before you pick up the
microphone you should ask yourself if what you are about to say
is important enough that you would use a cellphone or pager for
the message if you didn't have an amateur radio handy. If the
answer is yes, the rules say you have to use a cellphone or pager
or a personal radio service like CB, GMRS, or the new FRS, and not
amateur radio for the message (except in emergencies relating to
an *immediate* threat to life or property where use of amateur
radio is always proper).

In my opinion, your wife isn't acting as an amateur radio operator,
despite having passed the test, because she *uses* amateur radio
exclusively as just a substitute for a cellphone or pager, and
those are prohibited practices. Note that this is a matter of *intent*.
Chats between wives and husbands aren't normally prohibited on amateur
radio, anymore than chats between unrelated people are prohibited, but
when that is the *exclusive* purpose for being licensed, the *intent*
to circumvent cellphone or paging charges, or use of another authorized
radio service such as CB, GMRS, or the FRS then becomes clear.

The FCC has relaxed its interpretation of the rules against conducting
personal business over amateur radio in recent years (the pizza rule,
etc), but it has done so with the clear intent that such usage should be
incidental to the ordinary uses of amateur radio, and not as the
exclusive reason for being an amateur radio operator. (The justification
is that such usages serve a self-training purpose, familiarizing one
with patch operations, for example, so that the amateur will be better
prepared for emergency communications if that becomes necessary.)

Amateur radio is not intended to be a substitute communications
utility. It is not to be used as a substitute for such utilities
as cellphones and pagers. It is a service for those with a personal
interest in the radio arts, to be used for self-training and technical
investigation into the radio arts without pecuniary interest according
to the ITU. The FCC adds that it should also serve to provide public
service and promote international goodwill. Both bodies recognize that
the amateur radio service has a role in emergency communications.
Neither recognize it as a substitute for *routine* uses of cellphones
or pagers.

It is obvious that your wife doesn't have a personal interest in
the radio arts, has no interest in conducting technical investigations,
nor apparently in supporting public service or emergency communications.
Thus she doesn't meet any of the primary criteria for being a radio amateur.
(No amateur has to fullfill *all* of those criteria, though a well rounded
amateur will participate in more than one.) There are other radio services
for people like her. CB, GMRS, FRS, and cellphones and pagers were all
designed for people needing a communications utility, but who have no
personal interest in the radio arts.

Gary
--
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300. Re: "GMRS Personal Radio?" What is that?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug4.120949.9186@ke4zv.atl.ga.us>
Source record: 219593

In article <3203B1F8.224@pactor.com> Phil Sussman <pactor@pactor.com> writes:
>Abraham Stavsky wrote:
>>
>> I recently saw an ad for a "GMRS personal radio"
>> being sold at Radio Shack. Can anyone elucidate me
>> on what this is? The ad went on to say, "FCC license
>> required." What frequencies are we talking about here?
>> What kind of wattage would an HT of this type have??
>
>The FCC recently authorized the "Family Radio Service" on the
>12.5KHz offset channels (those in between GMRS authorized freqs)
>with the GMRS band. There are perhaps 5-15... I can't recall the
>number. It is a 'new' low powered (500mw or less) radio service
>which uses only portable radios with NO external antenna jack (yet)
>and (as I understand it) and internal antenna.
>
>It was petitioned by Radio Shack a couple of years ago and seeks
>to offer short range communications to families at camp grounds
>or within neighborhoods. No repeaters, yet, but transmitting
>from on top of a flag pole..... hmmmmm.....

Radio Shack isn't yet selling radios for the FRS. The radios
Abe saw advertised are for GMRS. Radio Shack has been selling
GMRS radios for a number of years. GMRS is what used to be
called Class A CB. It is UHF. Repeaters, mobiles, and handheld
radios are allowed. Power levels are similar to those permitted
in the Land Mobile service. HTs may be 1, 2, or 5 watts. In fact,
most land mobile service radios can be used for GMRS. It is a
licensed service.

The FRS is brand new, and no manufacturer has yet gotten Type
Acceptance for equipment to operate in the FRS. The target
date for availability is likely Christmas. It is an unlicensed
service operating in the "cracks" between GMRS channels using
low power, half watt max, and 2.5 kHz deviation. No external
antennas allowed.

This service may be a nuisance to GMRS users for a while, but
Land Mobile and GMRS are slated to have to convert to 2.5 kHz
deviation too in the near future. When that happens, there will
be no overlap between FRS and GMRS channels. The presence of
FRS stations may act as an incentive for GMRS stations to
convert over early in the phase in period.

Gary
--
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301. Re: Code above 11wpm

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: wtpoe@ro.com
Message-ID: <4u0n7s$928@news.ro.com>
Source record: 219594

>
>Well, I have not been on the air with code yet. I used the Gordon West
>Code Tapes and the tapes that taught me were from 0-6wpm and then another
>set was from 6-14wpm. I'm stuck at 11wpm.
>
>Where can I get a copy of a good computer program that will help me out?
>
>KF6FCN

Let me see if I can help you out. Goto Web Site:

http://www.qrz.com

You should find all kinds of Ham programs there. Click on FTP Servers
and then Files. You'll get it when your there. I found some good CW
programs there that have helped me out. The other guys are right. hear
the sound of a character and listen to all kinds of forms of CW (Code
Tapes, Computer Programs, HF Radio--I find the general CW band on 40
meters and the 30 meter bands to be active more than others and good
speed ranges) but the main thing is DON'T GIVE UP keep practicing and
MAKE LOTS OF CW CONTACTS. It's good for your confidence.

73's

W. T. Poe KF4CHZ

wtpoe@ro.com

302. Re: MALICIOUS INTERFERENCE

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: vickir@pacific.net.sg
Message-ID: <4u0rj5$ifp@raffles.technet.sg>
Source record: 219656

>problem and since WB9YHQ is the control operator they i feel they have no
>say in the matter. And if one of them knew it was illegal why did he give me
>his microphone and isn't what he did by playing for to the FCC entrapment?
>so what do you think.?
>73 Todd N9OGL

Stay on freq and dont worry about it !

Old timers have to gripe about something...cause as U
age....U lose acid in stomach and cant digest food proper.
This puts large molecules of crap in UR blood....which
causes grouchiness in the brain.

303. Remote control cable Knwd TS850?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: ka3vsp@voicenet.com
Message-ID: <4u0tan$d6u@gnews2.voicenet.com>
Source record: 219657

Does anybody have a wiring diagram and/or schematic for a
remote control cable to be used with the Kenwood TS-850.
Any input would be greatly appriciated.
Thanks.
Brian Pasternak, KA3VSP

304. Re: BEWARE OF JON VAN ALLEN, KF7YN, IN SALT LAKE CITY

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: Steven_Sampson@msn.com
Message-ID: <00001fef+000048d4@msn.com>
Source record: 219658

This just goes to show, that you shouldn't be in such
a big rush to get your money. The poor guy was tarred
and feathered over a two-bit deal, only then do we find
he was out to sea during the affair.

The whiner must feel like a jerk...

305. Re: Channels vs. Frequencies

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: tgold@dircon.co.uk
Message-ID: <4u0vsl$kb7@newsgate.dircon.co.uk>
Source record: 219659

Jeffrey Herman (jherman@Hawaii.Edu) wrote:
: Anthony R. Gold <tgold@panix.com> wrote:
: >bigsteve@dorsai.org "Steve_Coletti" writes:
:
: >> A channel is assigned by the governing communications body of the country,
: >> or by international agreement.
:
: >Where did you get that idea? Just because your statement is often
: >true is not sufficient to make it definitive. Perhaps you would care
: >to visit any dictionary of your own choosing and report to us us its
: >entry in its entirity. Certainly none of mine mention governing
: >bodies or equivalents and also none of mine refer to international
: >agreements.
:
: Hi Tony, No dictionary defines DX, QRP, Top band, Transmatch, Balun, SWR
: Meter, Boatanchor; heck, even your wonderful Oxford dictionary has no entry
: under Ham Radio ;) . Hence, the definitions for these specialized terms
: must be created and agreed upon by the users of our specialized avocation.

Whoa there. If a dictionary fails to define Transmatch then it does not
contadict the hip-shooting net guru's. My point was that dictionaries DO
define channel, even in its communications context, and so they expressly
contradict this revisionist specification of the term.

: In the present case it appears that the Webster definition of Channel does
: not seem to coincide with that of many HF amateurs.

Yup. And it also doesn't coincide with the typical spelling found in
newsgroups either. Will you draw the same conclusion there ;-)

: Just what are we to do? I suggest we agree to disagree.

I don't agree with that either :-)

: As an aside, the two-volume Oxford I have was found in a dumpster outside
: the Geophysics Department. I am now beginning to understand why the previous
: owner placed it in that particular location. =:o

I thought the classical solution to disagreeable books was to burn them.

Regards from New York.
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

306. Re: Fuck You Jim You Low Life

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: vickir@pacific.net.sg
Message-ID: <4u0vvp$pb2@raffles.technet.sg>
Source record: 219660
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

John P Smith <ki4ro@mnsinc.com> wrote:

U ALL WRONG.....there should B a middle finger!!

>WELL FUCK YOU ASS HOLE
>> I really don't think this is proper...

>> Shouldn't there be a comma between "fuck you" and "ass hole"?

>> ;)I thought asshole was one word?

Homepg: http://home.pacific.net.sg/~vickir/

307. Re: Best way to learn high-speed code?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: gvang@seine.com
Message-ID: <4u0co7$ho0@marcy.concom.com>
Source record: 219661
Cross-posted to: rec.radio.amateur,rec.radio.amateur.misc,rec.radio.amateur.policy

jbarr@MCS.COM (James W. Barr) wrote:

>I have enjoyed being a Technician for several years, and am interested in
>upgrading. My problem is that I would like to "go all the way" as far as
>learning the code -- like learning the code at 20 to 25 wpm. I have
>heard that if you learn code at 5wpm, that getting past 13wpm is a real
>barrier. For higher speeds, you basically have to learn it over. Is this
>true?

>I have also heard that a good way to learn high-speed code is to listen to
>high-speed tapes and pick out the letters you can pick out and do this
>over and over until you learn the code.

>Basically, I want to learn the code, and I want to upgrade as high as I
>can go, but I really don't want to waste my time learning and re-learning
>at different speeds. If I actually learn the code at higher speeds, how
>will it affect my comprehension at lower speeds?

>The Code has always been a sore spot with me, but I am really motivated,
>and want to learn it now. Any suggestions would be GREATLY appreciated!

>Thanks!

>--
>-Jim
>---
>James W. Barr, N9ONL | e-mail: jbarr@mcs.com
>Buffalo Grove, IL, USA | Web site: http://www.mcs.net/~jbarr
>---
>US Robotics' Pilot Organizer info: http://www.usr.com
> GEOS Operating system info : http://www.geoworks.com
> GEOS IZL info: send e-mail to jferas@netaxs.com
>---

Jim

Down load some of the code practice programs from arrl bbs or one of
the mirror sites. Super morse is one of those programs.

They allow you to adjust the character speed to any speed ie 25wpm
and the character spacing to 5 wpm. As you recognize the characters
faster and faster your speed is increasing..

In navy school 1963 our class was first class to use this technique.
We had two hams in class and we suggested this and they had their
keyers using paper tape. Usual class speed at graduation was 16 wpm

our class graduated at average speed of 30 wpm. It works.

To go above about 35 wpm you need to start recognizing words, saves time in the putting characters together to form words. this will give you the chance to start copying at speeds of 45 to 50 wpm with comfort, but does take practice.

gud luk gene K5FQ

308. Re: .435 repeater in L.A. homepage? Where?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: scott9@usa.pipeline.com
Message-ID: <4u119p$d47@news2.h1.usa.pipeline.com>
Source record: 219662

On Aug 03, 1996 15:19:43 in article <.435 repeater in L.A. homepage? Where?>, 'csupak <csupak@ucla.edu>' wrote:

>I've been told that the 147.435 2M repeater in Los Angeles has a
>homepage, of sorts, and I'd like the URL if anyone knows it, please.
>
>Thanks all
>
>CS

147.435? Damn! That's the most messed up repeater in all of L.A. area. I listened to it once and all they do is sear, threaten, talk gay (i don't mean happy), and talk about sex!

It's sleeze!

309. Repeaters In So. Cal

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: scott9@usa.pipeline.com
Message-ID: <4u11dk$d95@news2.h1.usa.pipeline.com>
Source record: 219663

Hi, I just got my Tech + licence and a Kenwood TH-28A.

I have found lots of repeaters but no input frequencies. Does anyone have
a list of repeaters in the California area (so. cal).

Thanks,
Scott, KF6FCN (now Tech +!)

310. Usenet problem

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: adamkern <adamkern@tiac.net>
Message-ID: <4u15ee$7m9@news-old.tiac.net>
Source record: 219664

Hey all!

I'm having trouble with this newsgroup all of a sudden. I'm using Netscape for my browser, and all of a sudden, whenever I say "catch up all articles," it won't do it. Now my unread articles counter for this usegroup is up in the 330's. I am having this problem only with this newsgroup, and only in the past 24 hrs.

I tried unsubscribing, and then re-subscribing, and it didn't help. Does anybody have any ideas? Am I missing something here?

Thanks in advance for your help!

73,
Adam Kern
N1TYF
adamkern@tiac.net

311. Timewave DSP-59+

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: "Clifford H. Gieseke" <cliffg@texas.net>
Message-ID: <32044DEB.682F@texas.net>
Source record: 219665

Has anyone had any luck using a DSP-59+ for noise reduction?
I bought one a number of months ago at a swap meet, hoping to
reduce background noise on SSB, but have found this unit to be
noiser when using than without. Only the automatic notch is of any
value, but the much cheaper Radio Shack device with auto-hytrodyne notch
works as well. ... Could the unit I have be defective? Its performance
is nowhere near what the company describes in its literature????

Cliff, W4ZFL
cliffg@texas.net

312. Re: Crystal Control

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: n4jvp@ix.netcom.com
Message-ID: <32043a79.7966431@nntp.netcruiser>
Source record: 219666

On 28 Jul 1996 23:46:28 GMT, "Gary Coombs" <gary@netsystems.com>
wrote:

>Anyone remember the year Novice Class operators got to start using crystal
>control?
>
>Gary, K9IDU
>(Who remembers being a novice in 1957 and that's all we had!)

I believe it was in the mid 70s when the FCC decided that
novices could use VFOs and 250 watts input. It was the same time that
WN calls ceased to be issued to novices and novices with WN calls
received new callsigns, ie WN1XYZ became WA1XYZ.
At the time this occurred I had passed my General but had not
received my new ticket. I remember being excited when I came home from
class to find an envelope from the FCC in my mailbox. I was very
suprised to see an "upgraded" callsign on my ticket but the class was
still novice. About two weeks later my general came.
Talk about pain-in-the-butt callsigns, I was WN1VKN. That
caused some confusion in the novice segments! Even so I had a lot of
fun with a few rocks, an Eico 720 and a HR-10. The antenna was a long
wire up about 40 feet fed with a homebrew tuner. I managed to work a
little DX, KH6, LZ and ZF come to mind.
Now that I think about it, at about the same time the
previously mentioned changes occurred, I believe the novice ticket
became renewable. Anyway I am sure of the time frame.

73 de n4jvp
Fritz

313. Re: Timewave DSP-59+

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: knoll003@gold.tc.umn.edu
Message-ID: <3204CBAD.D8F@gold.tc.umn.edu>
Source record: 219667

Clifford H. Gieseke wrote:
>
>. ... Could the unit I have be defective? Its performance
> is nowhere near what the company describes in its literature????
>

Cliff

I had one of the original Timewaves ($300) and it wasn't worth
anything either. I sold it. Yours isn't defective. You can find
them for sale all over the place.....must tell you something

Henry

314. Re: K1oink

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <32049155.5C67@juno.com>
Source record: 219668
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Peter Lemken wrote:
>
> >It what way will anything I have said be forbidden on the air?
>
> In the way that traffic on the air explicitly has to *ex*clude any
> messages that contain either political propaganda and the pursuit of one's
> own economic interest.

Politics is totally permitted. As far as "business interests" where
have you seen that?

> Why should I? I visited the Holocaust museum in D.C. and almost puked. Is
> that good enough for you?

You did not like what YOUR people did or more likely
you were upset they did not finish the job.

> >You will read that even after Himmler ordered the killing of Jews to stop
> >ORDINARY Germans, like you, kept killing and torturing.
> > ^^^^^^^^
>
> That actually is the greatest bullshit I have ever read on usenet. You are
> insinuating that a student like Moritz is capable of killing and
> torturing. My, oh my, your brain really needs some rest, Burt. Why don't

You are correct. If you are German it is in your genes to kill and
torture.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#================#===#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#===#

315. Re: The "l" man is a ham HI HI

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <32049209.60FB@juno.com>
Source record: 219669
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.shortwave

Peter Lemken wrote:

> I always do. That's the fun in talking to other hams. Believe it or not,
> there are some interesting hams around. But of course, they probably steer
> clear of you, so you actually don't know the _real_hams anyway.

I have no trouble making contacts, just getting them to say something
interesting.

Excuse me if I missed the discussion here, but is that the real Burt
> Fisher? I mean THE Burt "I am a real ham and you are just a bunch of
> losers" Fischer? I find that hard to believe, since he as hater of Germans
> is rather unlikely to use an e-Mail address that uses the surname of one
> of Germany's greatest poets, August von Kotzebue.

It was Otto von Kotzebue, founder of Kotzebue, Alaska, where we were
married.

```
#================#============================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | Mr. Happy should not be happy all the time. |
#================#============================================================#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#=========================================================================#
```

316. Re: BEWARE OF JON VAN ALLEN, KF7YN, IN SALT LAKE CITY

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: Pat Wilson <pw@i2020.net>
Message-ID: <01bb81fe$19f3b960$5101e8cc@PW>
Source record: 219670

Why should he feel like a jerk. They made and deal and one end did not keep his word, period. Whether or not he got only a few hours warning, he could have sent a message here in seconds.

Steven Sampson <Steven_Sampson@msn.com> wrote in article <00001fef+000048d4@msn.com>...
> This just goes to show, that you shouldn't be in such
> a big rush to get your money. The poor guy was tarred
> and feathered over a two-bit deal, only then do we find
> he was out to sea during the affair.
>
>
> The whiner must feel like a jerk...
>

317. The Burt challenge.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <320494BF.3ED6@juno.com>
Source record: 219671

I get a lot of comments online but do ANY of you
have the guts to go LIVE with me on the air?

I bet most of those that have a big mouth here
and are quick with the name calling will not respond.
NO guts.

#================#===#| Burt Fisher |
Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | Mr. Happy should not be happy all the time. |
#================#===#| k1oik@ccsnet.com
kotzebue@juno.com fisher@meol.mass.edu |
#===#

318. Re: German Ham Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <32049549.519A@juno.com>
Source record: 219672

Greg Thompson wrote:
>
> Hello all, My name is Greg and I am in the Army. I am on orders for
> Germany, specifically Wiesbaden. If anyone from that area can give me

Not a place I would want to go.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#================#===#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#===#

319. Ham guts

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <3204957E.1C01@juno.com>
Source record: 219673

A man went to a guts store to get some guts for dinner. He sees a sign remarking on the quality of guts offered at this particular gut store. So he asks the butcher: "How much for Engineer guts?"
"3 dollars an ounce."
"How much for teacher guts?"
"4 dollars an ounce."
"How much for ham operator guts?"
"100 dollars an ounce."
"Why is ham operator guts so much more?"
"Do you know how many hams you need to kill to get one ounce of guts?

320. Re: The "I" man is a ham HI HI

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <32049373.6B67@juno.com>
Source record: 219674
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.shortwave

Gerald Schmitt wrote:

> Burt does little but bitch and apparently stir up trouble on 20 meters.
>
> Caught a packet message from the Bertster where he is threatening to
> get even with someone who insulted him on 20 meters. He brags about
> challenging the fellow to "tell me that to my face" apparently an
> invitation to a physical confrontation. They guy Burt is challenging is
> 71 years old, gutsy move Burt.

The guys lives down the street, he also has friends that are bigger than me.
I invited him to bring along any friends he wished. He has not the guts
to even do that. He made his remarks thinking I was not around (more guts uh?)
I have challenged all ages. Maybe you would like to speak face to face?

> Burt I do agree WA1AOH should not have called you scum; it is an insult
> to scum everywhere. Have a nice non-confrontational weekend.

And you agree it was OK for him to insult my wife? He further
tried to expose me with false rumours in front of my daughter.
The guy is as phoney as they come. There is not a butt he has not
kissed .

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#================#===#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#===#

321. Re: The "I" man is a ham HI HI

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <32049443.2658@juno.com>
Source record: 219675
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Tim Hynde wrote:

> My guess is that you have problems with socializing on the air and based
> on your previous commentaries you are too hung up about technicalities
> and proper QSO management to just enjoy talking to someone.

QSO management? What an assinine term.

> I believe most hams learn a format for a QSO by listening to others.
> Heres your big chance Burt, break the cycle of poor QSO technique,
> during your next contact ask the other station about himself etc.
> I doubt this will happen because you'll be too busy bitching and moaning
> because the other station said the "wrong thing" or told you about
> something HE did.

QSO, don't you mean contact? Are you hung up on lingo? I ask plenty about the other guy. They respond in narrow terms and rarely ask a question.

> I also think your probably not very interesting to talk to on the air.

Many hams have told me I was their MOST INTERESTING contact.

==========#==========#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#==========#==========#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#==========#

322. Ohio/Penn DX Bulletin #265

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: kb8nw@barf80.nshore.org
Message-ID: <$opdx.265.1996@ampr.org>
Source record: 219676
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.dx,rec.radio.info

SB DX @ WW $OPDX.265
Ohio/Penn DX Bulletin No. 265

The Ohio/Penn Dx PacketCluster
DX Bulletin No. 265
BID: $OPDX.265
August 5, 1996
Editor Tedd Mirgliotta, KB8NW
Provided by BARF-80 BBS Cleveland, Ohio
Online at 216-237-8208 14400/9600/2400/1200/300 8/N/1

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, KA2AEV, K6OZL, NL7TB, WB9PTN, AH0W/OH2LVG, DF4RD, DL8ZAJ, DL9GOA & DX News Letter, F6AJA, F6IIE, G4BUE & DX News Sheet, HL1SSG, and LA4LN following DX information.

5N, NIGERIA. The DX New Sheets report that Pete/W0AW, Mike/N9NS, Joe/K8JP and Vincent/G0LMY, will be active October 22nd to November 3rd, on CW/RTTY and satellite RS-12 and AO-13. They will also be active in the CQWW SSB Contest as 5N9N and are looking for two more operators. Contact Pete, W0AW, if you're interested. QSL via N2AU direct only.

5R, MADAGASCAR. Theo, DJ1RL, and Hans, DK8FB will be active starting on Monday, August the 5th. Operation will be until the 13th. Theo's callsign will be 5R8EY, and he plans to be active as usual in CW with most of his operations on 160 meters. He will transmit on 1824 kHz and listen on/between 1830 - 1832 kHz. He knows the window to Europe should be between 0200 and 0300z, but he is not sure of the window to North America. If it is not possible to work "Top Band" because of local QRM/QRN, Theo will be on 80 meters transmitting on 3502 kHz and listening 2 kHz up. Hans's callsign is 5R8EZ, and he will be active mainly on SSB with operations on 10/15/20 meters. QSL via homecalls direct or via bureau. Addresses are:
DJ1RL - Theo SEE, Breulgasse 13, D 63477 Maintal, Germany
DK8FB - Hans SEE, Fechenheimer Weg 49, D 63477 Maintal, Germany

5R, MADAGASCAR. Jean Michel will visit Gerard, 5R8EN, between August 18th and September 8th. He will operate as a guest operator or with a personal call sign. During this period Jean Michel and Gerard will try to go to Nosy Be (IOTA AF057).

CHANGEOVER. According to the ARRL Letter Electronic Update, dated August 2, 1996: "New DX Bulletin, DX Magazine publishers: Paul and Nancy Smith, AE4AP & KB4RGW respectively, will take over the DX Bulletin and the DX Magazine from Chod Harris, VP2ML. The changeover is supposed

to happen within a few weeks. The Smiths already produce The GOLIST, QSL Manager List and The DX Reporter."
The Smiths can be contacted via their new e-mail address at "dxpub@midwest.net" or write to DX Publications, PO Box 2306, Paducah, KY 42002-2306; Tel: 502-898=8863 (voice); 502-898-8864 (DX BBS); Fax 502-898-8865.

EL, LIBERIA. Carl, K4YT/DL4YT, has plans to be active for 2 to 3 weeks from Monrovia, starting August 12th. His callsign was not mentioned. QSL to homecall.

FK, NEW CALEDONIA. Hiro, JE5WIM, plans to be active mainly on CW from August 10-14th. QSL via homecall.

IOTA NEWS......
EU-73
EU-091. Tony, IK8VRH, Dom, IK8TWP and Tony, IW8BVN, will activate these two IOTA, August 10-24th. The group will use the callsign IK8TWP/IJ7. Activity will be on 20/40 meters CW/SSB. QSL to IK8VRH via bureau or via direct only at new address: Tony Bosso, Via Adda 57 (Parco Gaio), 80016 Marano -Na- Italy.
AS-081. Maemul Island in South Korea will be activated by Dongah University Amateur Radio Club in Pusan, Korea from August 9-12th. The call HL0BDU/5 will be used and please QSL to HL0BDU direct or via bureau.
NA-067. NODXA members Jim, KF8VX, and Cathie, KG8QL, will be returning to Okracoke Island off the North Carolina coast the week of August 18-24. QSL to home calls. Domestic please SASE. Foreign SASE or SAE & IRC or such. All DX will be QSLed 100% by bureau 60 days after they return if not direct.

IOTA ON THE SATELLITES. A group of operators will activate Bendor Island (IOTA EU-095) from August 8-12th, using the callsign TM5BEN. This island is located in the Provence Cote d'Azur Group. They will be active on all modes and HF bands (using the IOTA suggested frequencies), but also the satellites. Check 144.220, 432.250 and 1296.200 (SSB) MHz for terrestrial contacts. QSL via F5PVX direct or bureau.

JW, SVALBARD (More info and YLs!). Last week we mentioned that YL Unni, JW6RHA, would once again operate from here starting August 2nd through the 10th. She will be joined by two other YL operators Inger, JW8KT, and Turid, JW9THA. Some of their operations will be on a Kenwood TS-50 and Ten-Tec Scout transceivers, dipole antennas, and limited battery power. Suggested frequencies: 7048, 14248, 21248, and 28500 kHz SSB with possibility of some CW operation on 80-10 meters subbands. QSL to JW6RHA via LA6RHA, JW8KT via LA8KT and JW9THA via LA9THA.

KH4, MIDWAY ISLAND DXPEDITION. The August 1996 DXpedition to the Midway Atoll National Wildlife Refuge, (KH4 and IOTA OC-030), is pleased to announce that the operation will now include satellite modes. Joining the team as satellite operator is Pat Guerin, NH6UY, of Honolulu who is well experienced in satellite operating from a number of other Pacific

DXpeditions. The rest of the team includes AH0W/OH2LVG, W2UE, UA3AB and WA7LNW. QSL route for the Midway operation is Bob Johnson, KE7LZ.

KH6, HAWAIIAN ISLANDS. Eric, WB9PTN, will be on Maui from August 10-22th, signing WB9PTN/KH6. He will operate mainly on the WARC bands, and he will also try some low bands. He will also operate in the NA QSO party. QSL via 96 CBA or via WB9PGB.

TK, CORSICA. Paul, F2YT, will be active as TK/F2YT from August 18th to September 2nd. He will also try to be active from some coastal island.

V21, ANTIGUA (Now active on 6 meters!). A member of "Team Antigua", Alan, V21BF is now active on 6 meters. He states that there hasn't been any steady operation from Antigua for quite some time and is looking forward to helping everyone who needs a QSO on 6 meters from Antigua. (ed. No dates or times were provided. I will try to keep you updated.)

USI ALERT! Those who chase USI (United States Island Award Program), be looking for Pat, N0NYG, and Dave, K9FXH, to be active from a new Illinois island for USI Award on August 11th, starting around 1700Z. QSL w/SASE to K9FXH. For details on USI, check out their WWW page:
http://www-dx.deis.unibo.it/htdx/islands/usiarule.html
http://www-dx.deis.unibo.it/htdx/islands/usialist.html
http://www.owt.com/yquest/working/usislands/

WEB SITES FOR DXERS AND CONTESTERS....
All DXers and Award Hunters will enjoy this one! Ted Melinosky, K1BV, from "The K1BV DX Awards Directory" announces he has a WWW page which shows the rules for "short term" awards. The URL is:
http://top.monad.net/~k1bv

NEED TO KNOW how to receive a license from another country? Check out Veikko, OH2MCN, WEB page which has plenty of licensing information. The URL is: http://www.clinet.fi/~jukka/license.html

YK, SYRIA. The DXNL reports 20 operators (OMs/XYLs) from Germany will sign YK0B during the first week of October. Not only will this group operate on CW/SSB, but the group plans to also work on RTTY and the satellites. QSLs via DL8HCZ.

-=-
OPDX INTERNET SUBSCRIBE/UNSUBSCRIBE REQUEST: opdx-request@nshore.org
OPDX WORLD-WIDE WEB HOME (provided by John, K8YSE):
http://www.en.com/users/k8yse/opdx.html
-=-
Excerpts and distribution of The OPDX Bulletin are granted as long as KB8NW/OPDX/BARF80 receive credit. To contribute DX info, call BARF-80 BBS online at 216-237-8208 14400/9600/2400/1200/300 and leave a message with the Sysop or send InterNet Mail to one of the two following addresses:
kb8nw@barf80.nshore.org -or- aq474@cleveland.freenet.edu
- OR - Send a message via packet to KB8NW @ WA8BXN.OH.USA.NA
- OR - Use the VOICE or FAX answering machine at 216-237-8208 which

shares the same phone line as BARF-80 BBS using a data/fax/phone switch. To access: 1) Dial Number. 2) Wait for first ring (the second ring should be a false ring from the fax/data switch box) and then dial four quick ones ("1111"). (NOTE: Some FAX machines that send single "BEEPS" every second will not have to do this step.) 3) The phone will pick up and after the "BEEP" leave your voice message or FAX.

/EXIT

Tedd Mirgliotta KB8NW
InterNet: kb8nw@barf80.nshore.org
Basic Amateur Radio Frequency BBS (BARF-80) +1 216/237-8208
"Totally devoted to Amateur Radio" - 24 Hrs a day 8/N/1 14.4k-300 baud

323. Re: The Burt challenge.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: timhynde@ix.netcom.com
Message-ID: <4u299s$899@sjx-ixn4.ix.netcom.com>
Source record: 219677

In <320494BF.3ED6@juno.com> Burt Fisher <kotzebue@juno.com> writes:

In a previous post Burt wrote:
>>Many hams have told me I was their MOST INTERESTING contact.

And now his challenge:
>
>I get a lot of comments online but do ANY of you
>have the guts to go LIVE with me on the air?
>
>I bet most of those that have a big mouth here
>and are quick with the name calling will not respond.
>NO guts.

So I guess your soooo interesting that you have to rustle up a contact by advertising on the internet eh?

324. QSL Managers

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: adamkern <adamkern@tiac.net>
Message-ID: <4u2dcg$pn5@news-old.tiac.net>
Source record: 219678

Hi All!

I forget, when you send out a QSL through the ARRL buro, and the card is going to a manager, do you put the "via xxxxx" on the front top of the card, on the back top of the card, or in the "Confirming QSO with" box along with the DX call?

Thanks for the help!

73,
Adam Kern
N1TYF
adamkern@tiac.net

325. Remote control cable specs Knwd ts850?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: ka3vsp@voicenet.com
Message-ID: <4u2dmr$np5@gnews2.voicenet.com>
Source record: 219679

I am looking for a wiring diagram and/or schematic for the remote
control cable for the Kenwood TS-850.
Any input would be greatly appriciated.
Thanks.
Brian Pasternak, KA3VSP
ka3vsp@voicenet.com

326. Re: Need help build 2 m (144 MHz) Yagi.....

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: martin@gw6hva.demon.co.uk
Message-ID: <4u1ai9$45@news-gb7osp.ampr.org>
Source record: 219680
Cross-posted to: aus.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.misc,tnn.radio.amateur,uk.radio.amateur

Desley Vernon (desvertb@melsa.net.id) wrote:
> I plan to build my own 2m 24 element Yagi Antenna with 'gamma math'.
> Could anybody send me the details data..??
> Thank You.
>
> Desley Vernon
> (Y C 5 P G X)

Sorry I can't help there but are we long lost relatives :-))

--
Martin Vernon, Sysop GB7OS/GB7OSP, Chairman GCPG, IP Co-ordinator N. Wales
GW6HVA@GB7OSP, gw6hva@gb7osp.ampr.org, e-mail: martin@gw6hva.demon.co.uk
Voice: +44 589 900 564 Data: GB7OSP V32.bis, 8N1, ANSI +44 1492 872 467
http://warp.gb7osp.ampr.org or http://www.gw6hva.demon.co.uk/index.html

327. Re: Burt's guts

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <4u2e3r$hfq@dfw-ixnews2.ix.netcom.com>
Source record: 219681

In <3204957E.1C01@juno.com> Burt Fisher <kotzebue@juno.com> writes:
>
> A man went to a guts store to get some guts for dinner. He sees a
sign
>remarking on the quality of guts offered at this particular gut
>store. So he asks the butcher: "How much for Engineer guts?"
> "3 dollars an ounce."
> "How much for teacher guts?"
> "4 dollars an ounce."
> "How much for ham operator guts?"
> "100 dollars an ounce."
> "Why is ham operator guts so much more?"
> "Do you know how many hams you need to kill to get one ounce of
guts?

The Burtster is a real expert on guts, apparently he spends his HF time challenging 71 year old hams to physical confrontations. This a really dangerous undertaking and we should all applaud Bert's courage. Old Burt does challenge people more his own age if they are sufficiently far away. Sorry Burt I'm just not impressed with your schoolyard macho antics. If the guy down the street doesn't respond to your challenges it is out of maturity not fear. It is you sir who are the coward woofing on the internet where the possibility of a real confrontation is extremely remote. Perhaps you should try and learn some new social skills from your students.

328. Re: JAMMERS ON 2 METER

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: John Nelson <johnn@pacifier.com>
Message-ID: <3204D16F.1B7D@pacifier.com>
Source record: 219682

Anthony R. Gold wrote:

> > In theory, there are an infinite number of channels between those
> > frequencies.
>
> That's not accurate. There may be an infinite number of frequencies,
> but that is not the same thing as an infinite number of channels. If
> a communications channel is to be capable of passing data then it
> must have a finite bandwidth, and so the number of them which will
> not overlap and interfere so as to prevent the data passing must also

Uh, not quite. The same is true for any _given_ frequency. For practical reasons, the very ones cited above, there are a FINITE number of frequencies. Yes, the the start point is infinitely variable, but above or below that point one may "squeeze in" only so many usable frequencies. Definitely a finite number.

This point is entirely a semantical one, typical of socially retarded nerds with too much time on their hands (and I mean that in the nicest possible way). Let us give it a rest.

329. Re: DSS satellite information needed

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: vbook@vbook.com
Message-ID: <4u2ml7$594@news.accessone.com>
Source record: 219683

In article <32038FC4.4CE7@compuserve.com>, 72527.01012@compuserve.com says...
>
>Hi All!
>
>I know this is not related to ham radio, but I figured that my best
>chance of obtaining the information I need would be through somebody
>here. I have to install a DSS system at a bar/nightclub that I work at.
>We need to be able to show 6 separate events using the DSS system, so I
>guess I need 6 separate receivers. My question is if anybody knows where
>on the Internet that I can get good information about setting up a system
>such as this. Any advice will be appreciated. Plese respond via E-mail
>to:
>
>72527.01012@compuserve.com
>
>Thanks!
>
>73 de WA3RVT, Steve

Steve,
There are several satellite related info pages on the net now. I only learned this past week that by about September, U.S. customers will have a choice of 4 direct satellite TV broadcasters.

Use any of the Internet search engines to look for PrimeStar, AlphaStar, EchoStar, or DirecTV (www.directv.com).

DirecTV, EchoStar and PrimeStar are active now (marketing in my area). AlphaStar either just went on line or goes online by fall (not sure which).

Most systems sell dual-TV decoders - in other words, one system that can independently select two signals and send to two separate TVs. So presumably, you can use 3 of these system to feed your 6 TVs.

Ed (KF7VY) and Kim (N7VPL) Mitchell
email to vbook@vbook.com
Visit Ham Radio Online, it's free! at
http://www.hamradio-online.com

330. Re: FS: All Ham Bands, Reply to Republican Congress

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: nichod@delphi.com
Message-ID: <RICSY4r.nichod@delphi.com>
Source record: 219684

T E I X E I R A <teixeira@ccnet.com> writes:

>The ARRL doesn't have to fight the Conservative Republicans........between Newt Gingrich, Bob Dole & Rush Limbaugh they are doing on=
>e hell of a job destroying that party.

In your dreams........

331. *** FOR SALE **** KANTRONICS KPC-3 TNC !!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: swamik <swamik@ele.uri.edu>
Message-ID: <320500E8.EA@ele.uri.edu>
Source record: 219685
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.swap

Hi
I have a Kantronics KPO-3 TNC for sale. It comes with the
original box/manual, and the necessary DB-9 solder cup connector
and cable for a Radio-TNC connection. Please send email to
swamik@ele.uri.edu for details. Thanks and 73

KD1QV

332. **** FOR SALE **** FOR SALE *** Hand-held SWR/Power Meter for both 2M and 440Mhz

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: swamik <swamik@ele.uri.edu>
Message-ID: <32050166.754F@ele.uri.edu>
Source record: 219686
Cross-posted to: rec.radio.amateur.misc,rec.radio.digital.misc,rec.radio.swap

Hi

I have a hand held SWR/Power Output meter that works for
both 2m and 440MHz. It has both a 15W and 60W output power setting.
Email swamik@ele.uri.edu for details!

73

333. Re: WWW Pages

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: w7el@teleport.com
Message-ID: <4u2nh4$saj@nadine.teleport.com>
Source record: 219687
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy

```
In article <320c2561.10269625@news.innotts.co.uk>,
asperges@innotts.co.uk (Jeremy Boot) wrote:
>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
>Updated for August. ***
>---------------------------
>
>http://www.innotts.co.uk/~asperges/
>
>Who are these strange new "M" People?!
>
>73 de Jeremy G4NJH ****
>
>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
```

I was one. I recently was issued a reciprocal permit for Great Britain. The GB call specified on the permit was M/W7EL. And I'm pretty strange, all right.

Roy Lewallen, W7EL

334. Re: Usenet problem

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <DvMItx.3Dn@news.hawaii.edu>
Source record: 219688

adamkern <adamkern@tiac.net> wrote:
>Hey all!
>
>I'm having trouble with this newsgroup all of a sudden. I'm using
>Netscape for my browser, and all of a sudden, whenever I say "catch up
>all articles," it won't do it. Now my unread articles counter for this
>usegroup is up in the 330's. I am having this problem only with this
>newsgroup, and only in the past 24 hrs.

We did that on purpose, Adam. We want you to have to read each and every
article that appears. 24 hours ago we heard you were going to cancel
all the fine things we had written so we disabled the catch-up feature.
Shame on you.

335. Re: RF attenuation of mirrored glass at 900MHz?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: Jack Daniel <jdaniel@earthlink.net>
Message-ID: <3204EFB9.50BF@earthlink.net>
Source record: 219689
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc

Like most RF propagation obstacles, the attenuation through windows and walls vary greatly according to variations in materials, location, window size, antenna (or radiator) locations, etc.

We have several successful 'through windows' bi-directional amplifier installations with widely varing frequency bands and building/window types.

In general, a 15 dB "use factor" commonly included in the calulation will cover a clear glass and most green or brown tinted windows, BUT...

I have one case in a 50 story building that uses thick, highly mirrowed (gold color) glass that has a measured MINIMUM loss of 40 to 45 dB at 950 MHz regardless of antenna location within the room. It was also found that the window has such high reflections that multipath calcellations could result in a effective loss of over 60 dB. There may also be some aperature size related problems, but that could not be verified because we could not easily alter the window size at the time.

As a suggestion, you shouldn't cut a design too close. Even if the current situation indicates you will have a small, but usable, level margin chances are you will be back soon to add more margin to the system. In real life, signal levels always degrade due to uncontrollable external events such as somebody changes the building layout or the window material/window coatings. Also keep in mind that the new 'wireless' products that will be coming out soon may emit several types of interference and/or noise that reduces your systems performance.

Solving in-building and underground radio propagation problems is an interesting and challanging 'art'. Have fun and Good luck.

336. Re: Usenet problem

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: Cecil Moore <w6rca@worldnet.att.net>
Message-ID: <4u2r9k$k8r@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 219690

>adamkern <adamkern@tiac.net> wrote:
>>I'm having trouble with this newsgroup all of a sudden. I'm using
>>Netscape for my browser, and all of a sudden, whenever I say "catch up
>>all articles," it won't do it.

Hi Adam, this happens to me when there is an unread article
in the "earlier articles" or "earliest articles" categories.
Click on "earlier" or "earliest" articles. If there is anything
there, click on "catch up all articles". Works for me.

73, Cecil, W6RCA, OOTC

337. Telegraph Key Collectors Web Site, major updates

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: Neal McEwen <nmcewen@metronet.com>
Message-ID: <3204EA35.4931@metronet.com>
Source record: 219691
Cross-posted to:
rec.radio.swap,rec.antiques.marketplace,rec.antiques.radio+phono,rec.radio.amateur.misc,rec.collecting,rec.antiques

I have made many updates and additions to the Telegraph Keys Collectors
Web site. Find information there about your old key. The URL is shown
below. Your comments are welcomed.
--
73 de K5RW, Neal McEwen nmcewen@metronet.com - Richardson, TX (Dallas)
WWW Page for Telegraph Key Collectors and Historians
http://fohnix.metronet.com/~nmcewen/ref.html

338. USS INTREPID Special Event - Aug 10

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: ndrech@fast.net
Message-ID: <4u2tms$rr@nn1.fast.net>
Source record: 219692

HUDSON RIVER, NEW YORK CITY: Special Event Operation

The Aircraft Carrier USS Intrepid Association of Former Crewmembers will sponsor Amateur Special Event station WA3KEY to commemorate their Thirteenth Annual Reunion.

WA3KEY/2 will operate from the flight deck of the USS Intrepid (CVS-11) and conning tower of the guided missile submarine USS Growler (SSG-577) from 1600 UTC Saturday, August 10th until 0100 UTC Sunday, August 11th.

Suggested operating frequencies: 7,240 - 14,275 - 21,375 - 28,575KHz

More information is available at URL:
http://www.users.fast.net/~wa3key/events.html

For a Certificate QSL, send a business size SASE with contact number to:

WA3KEY
PO Box 498
Quakertown, PA 18951

Thank you for reading this message.

73 de Norm - WA3KEY
wa3key@fast.net

339. FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: vbook@vbook.com
Message-ID: <4u2uvk$8bd@news.accessone.com>
Source record: 219693
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

The FCC has issued new rules regarding the evaluation of RF Emissions and
health effects from all transmitters. As always, the devil is in the details
and the details say that if you transmit over 50 watts, you may have
to perform an RF emissions environmental assessment of your Amateur station.
Under the new rules, the FCC will add five more questions on RF safety to three
of the written exams. Amateur radio operators will be required to certify as
part of their license application, under an as yet unspecified mechanism, that
they understand the FCC rules on this issue. In some situations, certain
Amateurs may have to file a complex "Environmental Assessment" better known as
an Environmental Impact Report regarding their Amateur station operation.

You can read the complete text of the relevent FCC ruling in FCC 96-396 at
Ham Radio Online magazine, available on the Internet at:
http://206.13.40.11/
(we had to move to a new server and are waiting for InterNIC to move our
www.hamradio-online.com domain name to the new server)

Ed (KF7VY) and Kim (N7VPL) Mitchell
email to vbook@vbook.com
Visit Ham Radio Online, it's free! at
http://www.hamradio-online.com

340. TRW Swap Meet

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: scott9@usa.pipeline.com
Message-ID: <4u2uft$qur@news2.h1.usa.pipeline.com>
Source record: 219694

I heard that on the last Saturday of every month, there is a TRW swap meet in So. Cal. Where exactly is it?

Scott, KF6FCN

341. Re: Fuck You Jim You Low

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: george.tamayo@infosoftpub.com
Message-ID: <89503042@infosoftpub.com>
Source record: 219695

I think that there should be a "period" between the two.....think about it...
V(>John P Smith <ki4ro@mnsinc.com> wrote:
V(>
V(>
V(>U ALL WRONG.....there should B a middle finger!!
V(>
V(>
V(>>WELL FUCK YOU ASS HOLE
>> I really don't think this is proper...
V(>
>> Shouldn't there be a comma between "fuck you" and "ass hole"?
V(>
>> ;)I thought asshole was one word?
V(>
V(>Homepg: http://home.pacific.net.sg/~vickir/
V(>
V(>
V(>
***
George M. Tamayo - WD6EJO
---
* PowerAccess 1.10 Synonym: word you use when you can't spell the other one.

342. Re: Info-Hams Digest V96 #879

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: afn06009@afn.ORG
Message-ID: <Pine.A32.3.93.960804160522.37126A-100000@freenet2.afn.org>
Source record: 219696

unsubscribe

343. Re: JAMMERS ON 2 METER

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: "Anthony R. Gold" <tgold@tgold.dialup.access.net>
Message-ID: <839189710snz@tgold.dialup.access.net>
Source record: 219697

In article <3204D16F.1B7D@pacifier.com> johnn@pacifier.com "John Nelson" writes:

> This point is entirely a semantical one, typical of socially retarded nerds
> with too much time on their hands (and I mean that in the nicest possible
> way). Let us give it a rest.

Why invent the word semantical when there are plenty of authentic
terms available? Anyway, and regardless of how poorly you think of
yourself, please jump into any thread you see me post to. It is the
inarticulate, unable to express themselves without personal abuse,
who give literate grown-up's that happy smug feeling of superiority.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

344. Burts wife was insulted

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: timhynde@ix.netcom.com
Message-ID: <4u31e4$n9v@sjx-ixn4.ix.netcom.com>
Source record: 219698
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Burt wrote:

>And you agree it was OK for him to insult my wife? He further
>tried to expose me with false rumours in front of my daughter.
>The guy is as phoney as they come. There is not a butt he has not
>kissed .

Hey Burt I have a news flash for you, when you make the kind of irresponsible posts that you make there is a good chance people are going to say unkind things about you and possibly your family.

Based on all the unkind and downright rude things you have posted I cant belive you have the balls to cry about someone spreading rumours in front of your daughter or insulting your wife.

345. Re: Fuck You Jim You Low Life

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: Ralph R Crapia <rcrapia@earthlink.net>
Message-ID: <4u3232$h22@peru.earthlink.net>
Source record: 219699
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

Only if you mean it.

346. Re: The Burt challenge.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: kd1nr@anomaly.ideamation.com
Message-ID: <4u35cu$g58@anomaly.ideamation.com>
Source record: 219700

In article <320494BF.3ED6@juno.com>, Burt Fisher <kotzebue@juno.com> wrote:
>I get a lot of comments online but do ANY of you
>have the guts to go LIVE with me on the air?
>
>I bet most of those that have a big mouth here
>and are quick with the name calling will not respond.
>NO guts.

Here I am - Providence, RI - not that far away. I can hit most of the Fall River repeaters and the ones in Boston too.

While I haven't launched into an out and out attack on you I do disagree with most of your postings.

Tony

--
== Tony Pelliccio, KD1NR
== As offensive as I wanna be.
== kd1nr@anomaly.ideamation.com

347. Need schematic ICOM 230 mobile

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: rgramas@orion.it.luc.edu
Message-ID: <4u36ss$rbj@artemis.it.luc.edu>
Source record: 219701

Tnks to anyone who can direct me to the schematic for the ICOM 230 mobile.
Ray ka9itz

348. Please Help with 10GHz Microwave Gunn Diode Assembly

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-04 00:00:00 UTC
From: sidener@crunch.nuc.umr.edu
Message-ID: <4u37s0$rp@hptemp1.cc.umr.edu>
Source record: 219702

Hi, I need some help fixing a Microwave Associates 10GHz Gunn diode assembly.

the model is : MA 86656 CM

I have two of them and I am trying to make a amateur data link but one of them has no output when I apply the voltage to the diode. I noticed something rattling around inside the assembly so I took out the plunger which holds the Gunn diode and found that it had slipped out of it's holder (probably from being dropped). I replaced the diode in the holder and tried to fire up the assembly again. Still no output. I do not know which way the diode goes in so I tried both directions (there are no markings on the diode) Still no output.

I can only assume that the diode is bad, but I have no idea how to find another. It has no numbers.

If anyone has any specs or advice on obtaining another Gunn diode or the correct orientation, I would appreciate any help I could get.

I was told that one of these assemblies cost around $500 new, and I don't have that kind of "hobbie" money avaliable. So I would like to fix the one I have.

Thanks,

Scott Sidener N0WFL
sidener@umr.edu

349. Re: Morse and speech association?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: Gary Ross Hoffman <gary@carcs3>
Message-ID: <4u5ne8$795@newsreader.wustl.edu>
Source record: 219453

Yes, it works. Definitely got ME over the hump. - KB0QGE

350. collins radio for sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: FXGT86A@prodigy.com
Message-ID: <4u5hma$26p0@useneta1.news.prodigy.com>
Source record: 219454

SUBJECT: Collins Radio Station For Sale

-
HENRY FRANZREB FXGT86A@PRODIGY.COM
1961 Collins Radio 75S-3 Recvr 32S-1 Trans 312B-4 Stacntrl 516F-2
Power

351. Re: The "I" man is a ham HI HI

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: wa2ise@netcom.com
Message-ID: <wa2iseDvoLn1.Aop@netcom.com>
Source record: 219455

```
>Steve - KF2TI, NJ wrote:
>
>> i don care if it rains or freezes
>> long as i got my plastic jesus
>> mounted on the dashboard of my car
>> i can go a hundred miles an hour
>> long as i gots the almight power
>> glued up there by my pair of fuzzy diii ice
>>
>> Hi ya friends the right reverend Dr Bill Sol Hargus
>> coming at you from DelRio Texas,
>> The goldend buckle of the bible belt...........
>
.....from DelRio Texas, home of Holyland USA,
the world's first religious amusement park! (he also used to say)
```

352. Re: dl5NAZI

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: "Joseph A. Ames, Jr." <abcs@prolog.net>
Message-ID: <01bb8323$603683a0$0d04bacc@JoeAmes.ProLog.net>
Source record: 219456
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Amen.

Burt Fisher is a true fascist and bigot. Luckily, he hails from the
People's Republic of Massachusetts. Had he come from MY hometown,
Philadelphia, he would have great difficulty typing a reply because he'd be
in traction at Hanneman--put there by non-Germans who have no tolerance for
slimy provocateurs like Fisher.

You make me ashamed to be a ham, an academic, and an American.

Joe Ames, WB3JYZ (extra class)
joeames@prolog.net
Owner, Business Computer Services
PSU MBA Class of '98

> >Moritz,
> >I am saddened and disgusted by Burt's and some others' irresponsible
> >posts, and one could just call them stupid bullshit and ignore them,
> >but...
> >it is not *ordinary* Germans or Americans or any others who were and are

> >responsible for the horrible atrocities done to innocent people all over

> >the world - it is people like Burt and his kind who prepare the ground
to
> >make such thinks happen again: Flames -> hatred -> resentments ->
> >nationalism -> racism -> genocide, this is the chain-reaction caused by

> >all these "innocent" remarks, and a dangerous combination of ignorance,

> >arrogance, and utter narrow-mindedness. Burt and his kin combine a
horizon
> >of zero degrees with (to quote him) "believing 100%" what they say.
> >It is very simple: possibly without even being aware of it they have
blood
> >on their hand whenever they shout : beware of butchers!
> >I hope somebody will tell Burt and his friends what amount of damage
they
> >do with such provocations and invite them to either shut up or go
> >somewhere else where they are more welcome.
>
> >Wolf

353. how to make the AR-2000 receive cb's 40 AM channles?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: chd1589@teche.cacs.usl.edu
Message-ID: <4u5mic$jd9@rouge.usl.edu>
Source record: 219457

I recently bought the AR-2000 from Copper's catalog.
I thought it could receive the 40 channels that normal cbs transmit.

Is there any way to modify it so i can receive those 40 channels.
oh by the way, The radio receives 28.00-29.90.
Please send any suggestions to chd1589@usl.edu

354. How to modify the AR-2000 to receive cb's 40 AM channels?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: chd1589@teche.cacs.usl.edu
Message-ID: <4u5lld$j2v@rouge.usl.edu>
Source record: 219458

Newsgroups: alt.radio.amateur
Subject: How to make the AR-2000 receive cb's am channels?
Summary:
Followup-To:
Distribution:
Organization: University of Southwestern Louisiana
Keywords:
Cc:

I recently bought the AR-2000 from Copper's catalog.
I thought it could receive the 40 channels that normal cbs transmit.

Is there any way to modify it so i can receive those 40 channels.
oh by the way, The radio receives 28.00-29.90.
Please send any suggestions to chd1589@usl.edu

355. Re: Burts wife was insulted

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: ylshih@alumnae.caltech.edu
Message-ID: <4u61g0$l5n@gap.cco.caltech.edu>
Source record: 219459
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <3205523B.1923@juno.com>, Burt Fisher <kotzebue@juno.com> wrote:
>
>Attack me, OK. But what is the point of attacking people that were
>not in any way involved? So I can attack your wife if you get me mad?
>

It seems to me that it was one Burt Fisher that made some rather rude comments on the appearance and weight of the typical ham wife on these newsgroups not so long ago. So it is OK for you to denigrate an entire group of several hundred thousand, which includes a majority that you have never met and who are not involved in these discussions, but limiting the scope of the insults in the reverse direction is going too far?

I'm also puzzled by your challenge to have a verbal slugfest on radio that I saw in another thread. I thought you were selling your equipment and getting out of ham radio, or was that just another statement you couldn't back up?

Yin Shih, KO6VY, PP-ASEL-IA
ylshih@alumni.caltech.edu

356. Help with Tait mod please

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: rur@innotts.co.uk
Message-ID: <3205fc07.4079499@news.innotts.co.uk>
Source record: 219460

Hello
Can anyone help with diode matrix info for the
Tait T500 Series 2 (surface mount) please
Paul (G0RUR)
rur@innotts.co.uk
The Celebrity Poet
http://www.innotts.co.uk/das/

357. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: dpm3@seanet.com
Message-ID: <dpm3.1202.00267F9A@seanet.com>
Source record: 219461
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

In article vbook@vbook.com (Ed Mitchell) writes:

:>The FCC has issued new rules regarding the evaluation of RF Emissions and
:>health effects from all transmitters. As always, the devil is in the details
:>and the details say that if you transmit over 50 watts, you may have
:>to perform an RF emissions environmental assessment of your Amateur station.

Thanks, Bill! Thanks, Hillary!, Thanks, (the late) Ron Brown! Thanks,
Daschle and Gephardt! Thanks psuedo-science enviro-hystricals! You gotta love
it don't you, folks?

==========
"I distrust a close-mouthed man. He generally picks the wrong time
to talk and says the wrong things. Talking is something you can't do
judiciously unless you keep in practice"
- Casper Gutman, The Maltese Falcon
==========

358. Re: German Ham Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: Paul Briesch <pbriesch@priconet.de>
Message-ID: <3205286F.1ACD@priconet.de>
Source record: 219462

```
Burt Fisher wrote:
>
> Greg Thompson wrote:
> >
> > Hello all, My name is Greg and I am in the Army. I am on orders for
> > Germany, specifically Wiesbaden. If anyone from that area can give me
>
> Not a place I would want to go.
>
> #================#============================================================#
> | Burt Fisher | Teacher of video, broadcasting and electronics |
> | Amateur call | South Dennis, Ma. (Cape Cod) |
> | K1OIK | Mr. Happy should not be happy all the time. |
> #================#============================================================#
> | k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
> #=========================================================================#

Why?
--

Paul Briesch
Handwerkergasse 6
38547 Calberlah
Germany

Homepage: http://www.priconet.de/~pbriesch/paul.html
Internet: pbriesch@priconet.de
AX.25: DD8PL@DB0DNI.#NDS.DEU.EU
```

359. DSI address????

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: Joesph Fenn <jfenn@spartacus.hula.net>
Message-ID: <Pine.OSF.3.93.960805150315.4765H-100000@spartacus.hula.net>
Source record: 219463

Does anyone out there know if DSI (Digital Solutions Inc.) still exists
in Willowdale Ontario Canada and/or if so their current mail address?
I would like to write them and offer to purchase their Pocket Planner 2
and or Pocketwriter 2 again at whatever price they want, if they will
modify the original so it will work from within the CMD Ram/link. I/E
get rid of the nonstandard cbm tracks etc. I would gladly pay them
double the original price to get this.
***** kilroy *****

360. IPS Daily Report - 05 August 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <4u5v60$5ta@flare.syd.ips.oz.au>
Source record: 219464
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 05/2330Z AUGUST 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 05 AUGUST AND FORECAST FOR 06 AUGUST - 08 AUGUST

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 74/11

GOES satellite data for 04 Aug
Daily Proton Fluence >1 MeV: 2.8E+05
Daily Proton Fluence >10 MeV: 1.8E+04
Daily Electron Fluence >2 MeV: 9.1E+07 (normal)
X-ray background: A7.8
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
06 Aug 07 Aug 08 Aug
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 06 Aug: 72/8

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Mostly quiet with unsettled
period between 0000 and 0300UT.

Estimated Indices : A K Observed A Index 04 Aug
Learmonth 6 3221 2112
Fredericksburg 8 9
Planetary 8 6

Observed Kp for 04 Aug: 1133 1221

2B. MAGNETIC FORECAST
Date Ap Conditions
06 Aug 5 Quiet to unsettled
07 Aug 5 Quiet to unsettled
08 Aug 5 Quiet to unsettled

3A. GLOBAL HF PROPAGATION SUMMARY

Latitude Band
Date Low Middle High
05 Aug Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
06 Aug Normal Normal Normal
07 Aug Normal Normal Normal
08 Aug Normal Normal Normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
05 Aug 1

Observed Australian Regional MUFs:
Sydney: Near predicted monthly values,
with spread F between 0900 and 2100UT.
Darwin, Townsville: Near predicted monthly values.
Hobart: Near predicted monthly values with
spread F and blanketing sporadic E between
1000 and 2000UT.

Predicted Monthly T index for August: 10

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
06 Aug 10 near predicted monthly values
07 Aug 10 near predicted monthly values
08 Aug 10 near predicted monthly values

A Windows version of the IPS HF prediction software, ASAPS, will
be available from early August 1996, for AUD350.
Upgrades from DOS versions 2.0 and higher will be available for
AUD50.
For more details, or to obtain a free demonstration copy, please
contact IPS.

--
IPS Radio and Space Services | email: rwc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/rwc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/rwc/
tel: +61 2 94148300 | fax: +61 2 94148331

361. Re: Info on loc of ham info sites

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: Mike Snowden <Pmikes@fishnet.net>
Message-ID: <32069C54.6E08@fishnet.net>
Source record: 219465

Hello to all. Can anyone please tell where the best location to post questions regarding reviews, upgrades and mods for ham gear would be? I have tried some of the "rec.radio" location but have not had mush luck. Thanks for any help. 73 Mike K6YPB mikes@fishnet.net

362. PWR SUPPLY *** FOR SALE *** 10 AMP FILTERED/REGULATED PWR SUPPLY

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: swamik <swamik@ele.uri.edu>
Message-ID: <3206BAF1.638E@ele.uri.edu>
Source record: 219466
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc

HI

I have a 10 AMP 13.8 VDC Regulated Power Supply that is
fully FILTERED (NO AC HUM!!). I will sell it for $30 + shipping.
It is a TRIPPLITE PR-10b "POWERVERTER" with electronic overload
protect/instant reset.

email swamik@ele.uri.edu if you have
questions or are interested!

73 de Swami (swamik@ele.uri.edu)

363. how can I broadcast on FM radio?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: robert <nix@gate.net>
Message-ID: <3206BCE1.4324@gate.net>
Source record: 219467
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,rec.radio.amateur.misc

Could someone point towards info on how to broadcast on FM radio.
I've heard it called free radio or pirate radio. Does that mean it's
illegal (how illegal:)? What makes it illegal (in florida)? Where can I
buy the equipment? What would I need to buy? I just want to transmit 5
to 10 miles and just music (mostly my own and my friends music so as not
to violate copyrights or whatever).

--

____
robert mailto:nix@gate.net

364. Re: JAMMERS ON 2 METER

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <DvoMBw.Mr7@news.hawaii.edu>
Source record: 219468

Dana Myers <myers@West.Sun.COM> wrote:
>To make the jump from a finite count of
>channels to an infinite count, you need to accept that a "channel"
>of a given bandwidth can be located at any frequency - and there
>are an infinite number of frequencies. Whether some of these
>infinite potential channels overlap with others is irelevant.

Hi Dana,
But doesn't this contradict other usages of our now favorite word "channel"?
Imagine several waterway channels parallel to each other. If there were
overlap we would now have one broad channel instead of many unique channels.

I believe lexicographers, in writing an abstract definition, depend upon
a `Uniform Usage' principal which demands that the abstract portion of a
definition must be applicable to all usages of the word under definition.

A manufacturer advertising a `40 channel CB transceiver' is really
abusing the definition of "channel."

Michael Deignan should have to do penance for bringing up this topic.

73 from balmy Hawaii,
Jeff KH2PZ / KH6
(high today 88, low last night 75, ocean 81; brisk NE Trade winds ~20 knots)
(usual boring weather)

365. Re: Burt's guts

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <4u3r51$ps8@sjx-ixn2.ix.netcom.com>
Source record: 219503

In <3205563A.1253@juno.com> Burt Fisher <kotzebue@juno.com> writes:
>
>Gerald Schmitt wrote:
>>
>> The Burtster is a real expert on guts, apparently he spends his HF
time
>> challenging 71 year old hams to physical confrontations. This a
really
>> dangerous undertaking and we should all applaud Bert's courage. Old
>> Burt does challenge people more his own age if they are sufficiently
>> far away. Sorry Burt I'm just not impressed with your schoolyard
macho
>> antics. If the guy down the street doesn't respond to your
challenges
>> it is out of maturity not fear. It is you sir who are the coward
>> woofing on the internet where the possibility of a real
confrontation
>> is extremely remote. Perhaps you should try and learn some new
social
>> skills from your students.
>
>Anytime you want to come here with a few friends to "talk" is OK by
me.
>See if I shrink from it.

How very school yard Burt. You have become boring. Boring and gutless
how sad. I wouldn't dare to confront you Burt, all my German genes
could get out of control. Stick to the 71 year olds Burt you can handle
them.

Have a nice prejudiced week
Jerry

>
>
>
>--
>#================#===
#
>| Burt Fisher | Teacher of video, broadcasting and electronics
|
>| Amateur call | South Dennis, Ma. (Cape Cod)
|
>| K1OIK | Mr. Happy should not be happy all the time.
|

```
>#================#============================================================
#
>| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu
|
>#=====================================================================
#
```

366. Re: Jew hating Ruthie

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <4u3r9o$qqj@sjx-ixn6.ix.netcom.com>
Source record: 219504

In <3205542F.5B05@juno.com> Burt Fisher <kotzebue@juno.com> writes:
>
>John R. Cunliffe wrote:
>>
>> And if you get on with him he chicken out as he has done with my
wife.
>> Pah just emty words from Burt.
>
>Lets go on the air with your Jew hating wife Ruthie.

Adding women to the old guys? Burt you are a study in guts.

Go Burt Hero dude
>
>
>
>#================#===
#
>| Burt Fisher | Teacher of video, broadcasting and electronics
|
>| Amateur call | South Dennis, Ma. (Cape Cod)
|
>| K1OIK | Mr. Happy should not be happy all the time.
|
>#================#===
#
>| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu
|
>#===
#

367. Re: Burt's guts

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <4u3ric$pfi@dfw-ixnews7.ix.netcom.com>
Source record: 219505

In <cgreenha.424.32054B59@magnus.acs.ohio-state.edu>
cgreenha@magnus.acs.ohio-state.edu (Christopher K. Greenhalgh) writes:
>
>In article <4u2e3r$hfq@dfw-ixnews2.ix.netcom.com>
kc5egg@ix.netcom.com(Gerald Schmitt) writes:
>
>>The Burtster is a real expert on guts, apparently he spends his HF
Big Snip
>
>What was that old saying? Something about a black pot and a kettle...

Chris how have you been and how is medical school? This is where you
shout "liar liar pants on fire" go for it. Are you Burt's buddy now?
Inquiring minds want to know.

Jerry

>
>
>>
>
>
>
>Christopher K. Greenhalgh, N8WCT
>Computer/Electronic Tech. II at The Ohio State University
>E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
>AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

368. Packet data cable

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: adamkern <adamkern@tiac.net>
Message-ID: <4u3v6v$sbm@news-old.tiac.net>
Source record: 219506

Hi all!

I just purchased a new Kenwood TM-251A mobile rig. This rig has a dedicated 1200/9600 baud packet connector on it. I have a Kantronics KPC-3 TNC.

I want to use the dedicated packet port on the rig, but I can't find a premade cable that will properly interface my TNC with the rig. (I'm starting with 1200 baud operation.)

Does anybody know if there is any store or individual that sells these cables premade, or has anyone already built it for themselves. If so, can you please give me some tips on how to do it!

I already have the Kenwood PG-5A Data cable with the 6-pin DIN connector on one end for the rig. I also have the parts for the 9-pin serial-style plug that came with the TNC.

Also, if I build it, is it just as simple as connecting the wires, or do I have to change the line voltages?

Thanks in advance!

73,
Adam Kern
N1TYF
adamkern@tiac.net

369. Re: JAMMERS ON 2 METER

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <4u42jm$lpb@abyss.West.Sun.COM>
Source record: 219507

In article <4u3ote$mdl@panix2.panix.com>, Anthony Gold <tgold@panix.com> wrote:
>Dana Myers (myers@West.Sun.COM) wrote:
>
>: You're certainly correct that bandwidth sets a limit to how many
>: active channels can occupy a given amount of spectrum, but that doesn't
>: mean that there aren't an infinite number of channels.
>
>It does to me.

If we accept the definition of a "channel" as a portion of RF spectrum
specified by a center frequency and a bandwidth, then there are as many
channels as there are center frequencies. I won't dispute for an
instant that overlapping channels aren't generally useful in the
real world, but I don't see why there has to be confusion about what
a "channel" is in the communication concept. It is a portion of
RF spectrum, and can be located at any frequency.

>: People are
>: still confused by the "40 channels AM, 80 channels SSB" claims made
>: for some CB radios. We all know that there aren't 120 channels in
>: CB that can be used at the same time, but there are 120 channels
>: one can choose from. ;-)
>
>A large but finite number of channels multiplied by a finite number of
>modes will still yield a finite product. I still can't get that final
>step from very large to infinite.

My example was not intended to confuse modes, but to point out an
example of standardized "channels" where there is apparently a
great amount of overlap. To make the jump from a finite count of
channels to an infinite count, you need to accept that a "channel"
of a given bandwidth can be located at any frequency - and there
are an infinite number of frequencies. Whether some of these
infinite potential channels overlap with others is irelevant.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

370. Amateur Radio: Elmers List Info and Administrivia

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: pschleck@gonix.com
Message-ID: <radio/ham-radio/elmers/admin-1-839232004@gonix.com>
Source record: 219508
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

Posted-By: auto-faq 3.3 beta (Perl 5.002)
Archive-name: radio/ham-radio/elmers/admin
Posting-Frequency: posted on the first Monday of each month
URL: http://www.gonix.com/pschleck/elmers/

-----BEGIN PGP SIGNED MESSAGE-----

AMATEUR RADIO: ELMERS LIST INFO AND ADMINISTRIVIA

This administrivia file and the companion Amateur Radio Elmers Resource Directory are intended for non-commercial distribution via the Internet. Any other uses, please E-mail for permission.

In order to standardize the Internet resource notation used in this Directory, I've decided to adopt Uniform Resource Locator (URL) format throughout. In addition to being a straightforward, human-readable, format for specifying File Transfer Protocol (FTP) archives, Gopher and World-Wide Web (WWW) servers, and Usenet newsgroups, it is also amenable to formatting as hypertext links in Hypertext Markup Language (HTML). For example, users viewing this document at designated World-Wide Web Servers (see "How may I obtain the latest copy of the Elmers List?" below) will see all URL's converted to hypertext links on their WWW client. Rather than fumbling with the various conventions of FTP, Gopher, WWW, and Usenet News software, the document or directory referenced by a hypertext link is but one mouse-click (or key-click) away.

While I'm happy to incorporate the latest and most popular information-formatting standards into the documents that I maintain, I really can't allow myself to be dragged into the role of a WWW help-desk for all of the Internet. Please understand this when I politely refer you to other Elmers, easily-obtainable on-line documentation, or even local expertise such as resident gurus, consultants, or help-desks at your school, company, or information service provider.

The URL format is easily mapped into human FTP, Telnet, Gopher, and Usenet News reader commands. For example:

ftp://ftp.cs.buffalo.edu/pub/ham-radio/README

Anonymous FTP to ftp.cs.buffalo.edu and get the file README under the /pub/ham-radio directory.

gopher://oes1.oes.ca.gov:5555/

Access the Gopher root page at oes1.oes.ca.gov via non-standard port 5555 (if the standard Gopher port of 70 was used, the ":5555" part would be replaced by ":70" or most likely not appear at all).

telnet://callsign.cs.buffalo.edu:2000/

Initiate a Telnet (remote terminal) session with callsign.cs.buffalo.edu via non-standard port 2000 (if the standard Telnet port of 23 was used, the ":2000" part would be replaced by ":23" or most likely not appear at all).

news:rec.radio.info

Access the rec.radio.info newsgroup on your Usenet newsreader from your local news server.

URL's that start with:

http:

Are only accessible via WWW client software or "browsers".

For more information about URL formats, see:

ftp://nis.nsf.net/documents/rfc/rfc1630.txt
http://www.w3.org/hypertext/WWW/Addressing/Addressing.html

Disclaimer: While I have personally confirmed the accuracy of all URL's through the Lynx WWW client, any referenced documents external to this document are subject to future changes beyond my control. In addition, with networks and their administration being what it is, many services with up-to-date URL's may be temporarily unreachable. Please consult with your local gurus, consulting staff, or help-desk to confirm that it's a non-local problem, then ask the Elmer him or herself (me in the case of URL's which appear outside of individual entries). The currency and accuracy of URL's should be at least no worse than that of the Elmers entries themselves (which are each individually confirmed by me every 2 years, and updated within 1 month on request of the Elmer).

A Brief Historical Overview:

If there is any one constant in the changing state of the communications art, it is that "Hams" (Amateur Radio Operators) have always been on the forefront of it. Rumors abound where the term "Ham" came from. Some of the more amusing are described in the list of Frequently Asked Questions for this newsgroup.

Regardless of origin of the name, a "Ham" is universally recognizable as one who experiments in radio and communications.

Whether it be constructing a low-power CW radio with vacuum tubes, or designing TCP/IP packet networks, such experimentation has

historically spilled over into the mainstream such as was the case with Howard Armstrong, who developed the regenerative oscillator and FM radio, or General Curtis LeMay (W6EZV) who was instrumental in making Single-Sideband the communications standard for the Strategic Air Command (1946-1992, now reorganized into a joint command called USSTRATCOM) and eventually the U.S. Air Force. Although packet-switching techniques originated from DARPA (Defense Advanced Research Projects Agency) and the ARPANet, no one can deny the tremendous influence that amateurs have had in demonstrating the viability of TCP/IP and AX.25 communications via radio links. The efforts of AMSAT (the Amateur Satellite Corporation), including the development of many ham satellites and the low-orbiting Microsats (communications satellites no bigger than a breadbox that use store-and-forward packet techniques), have certainly advanced the state-of-the-art in communications, one of the defined purposes of the Amateur Radio Service, as recognized by international treaty.

Since in many cases hams are writing "the book", there is often no "book" or other established reference for a beginner to refer to. Traditionally, information has been passed on from ham to ham via word-of-mouth. Like many of the traditional crafts, a variation of the Master-Apprentice system has emerged, the Elmer-Novice relationship. Called "Elmers" because they are usually older and wiser, having the benefit of many years in the hobby, including several failed projects, and an electric shock or two, they have traditionally been the mainstay of amateur radio, and the source of many new hams, particularly those interested in working on emerging technologies.

Even more importantly, Elmers provided an outlet for the impatient newcomer who wanted "to know everything, and right away." Faced with such a request, a good Elmer will smile and proceed to lead the novice through some project or operating experience. Several hours, days, or weeks later, the novice would have his answers, but would have earned them. Even better, the sense of accomplishment would boost the novice's confidence and nudge him or her down the road to being a model, experienced ham operator.

Many present hams feel that such an experience is missing today. In today's hustle-bustle world, the response to such natural curiosity and desire to learn is, more often than not, "I'm too busy" or "RTFM." As a result, the quality of new hams declines and the knowledge and operating habits they develop in their first formative months and years leave much to be desired. And the very same hams who claim that they "can't understand the new generation" also, in almost the same breath, lament about the "decline of amateur radio."

What is an Elmer today?

An Elmer today is of any age, male or female, who has some expertise and is willing to share it with beginners. Elmers don't even need to be licensed amateurs, just people with knowledge in some area of

electronics or communications technology.

What is an Internet Elmer?

With the ever-widening scope of the Internet, the amateur radio newsgroups on Usenet, and now the World-Wide Web, the potential for Elmers to share their knowledge to a wide audience has never been greater. To that end, I maintain a list of such Elmers. Volunteers need only send me their name, E-mail address, and area(s) of expertise. URL-format pointers to resources they maintain, such as WWW home pages or FTP archives, would also be quite welcome. The list has gotten large enough that there should be plenty of suitable examples to model your entry after. If you need some further assistance formatting your entry, drop me a line and tell me a bit about yourself. Ironically, sometimes the best Elmers write to me saying, "I'm not an expert, but..."

As part of the Elmers List's entry into the World-Wide Web, I've also provided a formatted WWW Registration Form. It may be accessed from:

http://www.gonix.com/pschleck/elmers/register.html

I have set up an administrivia mailbox for correspondence related to this list (elmers-request@gonix.com, the default Reply-To: of this message). I would prefer that all such correspondence be directed to that address. In addition to saving it into a special folder, my incoming E-mail filter will also send you an automated return-receipt. While I can guarantee that I will read all mail sent to elmers-request before the next month's posting of the list, mail sent to pschleck may not necessarily get reviewed for some time (although all E-mail sent to me is certainly read with interest *eventually*).

Those desiring a more extensive list, or who need more specific assistance, are encouraged to contact Rosalie White, WA1STO, Educational Services Manager at the American Radio Relay League, 225 Main St., Newington, CT 06111 or via electronic mail addressed to rwhite@arrl.org.

How may I obtain the latest copy of the Elmers List?

There are currently 6 ways of obtaining the Elmers List. Any site at least reachable by Internet E-mail can use options 5 or 6:

1. World-Wide Web (WWW): This is the recommended method for accessing the Elmers list, as it allows this resource to be viewed as hypertext. The home site at www.gonix.com features immediate updates each month, hypertext-linked subject and geographic indexes, keyword searching, and registration and feedback forms. The other two sites use automatically-converted versions of the Usenet news articles, but are still usable, particularly if you are outside North America. The site marked with an asterisk also

offers Wide-Area Information Service (WAIS) index searching by keyword for all Usenet News FAQ's:

+ http://www.gonix.com/pschleck/elmers/
+
http://www.lib.ox.ac.uk/internet/news/faq/rec.radio.amateur.misc.html
+ http://www.cs.ruu.nl/cgi-bin/faqwais *

(Note: Because of maintenance problems - FAQ documents not being promptly updated in particular - the sites at Ohio State and Smart Pages are no longer recommended for accessing a current copy of the Elmers List and have been removed from the above list.)

see also the newsgroups under comp.infosystems.www.* (I haven't listed URL's for all of the newsgroups under this hierarchy as there are now about a dozen of them (!!!).)

2. Usenet News: This was the original distribution medium for the Elmers list. It continues to be supported for users who cannot access the World-Wide Web. Since the document uses URL's throughout, the news article version may also be viewed as hypertext via some mail and news readers. The latest copy of the list can be found in the news articles with the Subjects of "Amateur Radio: Elmers Resource Directory [A-*]," "Amateur Radio: Elmers Resource Directory [*-*]," and "Amateur Radio Elmers Resource Directory [*-Z]" (The * represents a wildcard character, as the need to split the list evenly, as well as keep all parts under the 64K message limit for Usenet, requires that I adjust the split occasionally). Since the list is cross-posted to the following newsgroups:

+ news:rec.radio.amateur.misc
+ news:rec.radio.info
+ news:rec.answers
+ news:news.answers

on the first Monday of each month, with an expiration date 6 weeks into the future, there should always be a copy available at most news sites. Check your newsreader documentation for information about reading previously-read articles or articles that are "threaded" to this one. Also complain to your local news administrator (E-mail to "news" or "usenet" on your local host) if your local news server is configured to ignore Expires headers (and thus prematurely delete the articles) in worthwhile, mostly moderated, information newsgroups like those listed above.

3. Anonymous FTP: If your site is directly connected to the Internet, you may retrieve the latest copy via File Transfer Protocol (FTP) from the following sites:

+ ftp://ftp.cs.buffalo.edu/pub/ham-radio/
+

ftp://rtfm.mit.edu/pub/usenet/news.answers/radio/ham-radio/elm
ers/
+ ftp://ftp.uu.net/usenet/news.answers/radio/ham-radio/elmers/

4. Internet Gopher: The latest copy of the list should be available
from the following Gopher sites:

+ gopher://jupiter.sun.csd.unb.ca/
+ gopher://gopher.univ-lyon1.fr/
+ gopher://ftp.win.tue.nl/
+ gopher://gopher.win.tue.nl/

see also news:comp.infosystems.gopher

5. Mailing-List: Since the list is cross-posted to rec.radio.info,
the latest copy may be obtained from the mailing-list gateway for
that newsgroup (along with many other informational articles about
radio) when it is published each month. To subscribe, send E-mail
to:

listserv@ucsd.edu

and in the BODY (not the Subject) of the message, write:

subscribe radio-info

The server may not be able to determine your return address. In
that case write:

subscribe radio-info (your E-mail address)

You should get an acknowledgement very shortly.

6. Mail-Server: If you don't want to read through the entire gateway
of rec.radio.info, or want a copy of the list right away, send
E-mail to:

mail-server@rtfm.mit.edu

and in the BODY (not the Subject) of the message, write:

send usenet/news.answers/radio/ham-radio/elmers/admin
send usenet/news.answers/radio/ham-radio/elmers/index/subject
send usenet/news.answers/radio/ham-radio/elmers/index/geographic
send usenet/news.answers/radio/ham-radio/elmers/list/part1
send usenet/news.answers/radio/ham-radio/elmers/list/part2
send usenet/news.answers/radio/ham-radio/elmers/list/part3
send usenet/news.answers/radio/ham-radio/elmers/diff

and the latest copy of the list should be sent to you E-mail
within 24 hours (the mail-server uses batch priority to reduce
system demand).

How may I contribute to the Elmers List?

By using this resource, you are benefitting the net by obtaining assistance in the fastest and most efficient way possible. By volunteering to appear on this list, you are contributing to the good reputation of the radio-related newsgroups.

Thanks to all the volunteer Elmers, as well as courteous list users, for making this service a success.

--
73, Paul W. Schleck, KD3FU

pschleck@gonix.com (personal mail)
elmers-request@gonix.com (Elmers List administrivia)

-----BEGIN PGP SIGNATURE-----
Version: 2.6.2

iQCVAwUBMgOqGyROYYq72ea1AQFzRQP+LlRYIF8tdNWk6bXD2GCRK+s7AgvQk1p9
K9PsYKR5gNjzKHKKhpZzyDfBCnmZDMS6vdBzINwZ2eP04enjqQ7wC9ITnb7RSYdd
+hHqV+lLA/LDj7ppEKmGL+PJ15prSz/tH2Bt45X7tkLU/88fI/Q/z2OkaVowlDLQ
dhVA1fat8tU=
=v2uu
-----END PGP SIGNATURE-----

371. Re: ARES/NTS/RACES with just an HT?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: wb6w@netcom.com
Message-ID: <wb6wDvnJKC.16p@netcom.com>
Source record: 219509

Yes - an HT with a spare (fully charged) battery and sundry appropriate
antennas are all the EQUIPMENT you really need. The rest of what you need
is training on how to provide formal communications, familiarity with
the agencies you will be serving and an attitude to be a communicator,
even if the radio turns out to be an agency or some other non-Ham
but legal radio.

--
****
* "Two wrongs don't make a right, but three lefts do." *
* *
* wb6w@netcom.com - Glenn Thomas *
****

372. Amateur Radio: Elmers Resource Directory [O-Z]

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: pschleck@gonix.com
Message-ID: <radio/ham-radio/elmers/list/part3-1-839232031@gonix.com>
Source record: 219510
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

Posted-By: auto-faq 3.3 beta (Perl 5.002)
Archive-name: radio/ham-radio/elmers/list/part3
Posting-Frequency: posted on the first Monday of each month
URL: http://www.gonix.com/pschleck/elmers/

-----BEGIN PGP SIGNED MESSAGE-----

(Continued from previous part.)

- O -

Dr. Barry L. Ornitz WA4VZQ

Eastman Chemical Company Research Laboratories
Process Instrumentation Research Laboratory
P. O. Box 1972, Building 167B
Kingsport, TN 37662 +1 615 229-4904
INTERNET: ornitz@emn.com

PART 15 LOW-POWER BROADCASTING

ANTENNAS

(including expertise in computer modelling using MININEC and NIST
modelling programs)

INSTRUMENTATION

(my profession)

CHEMISTRY ADVICE RELATED TO AMATEUR RADIO

(corrosion, plating, PCB etching, disposal of wastes such as
transformer oil, solvents and etching solutions, contact cleaners,
toxic chemical exposure, etc.)

- P -

William D. (Dave) Paperman WQ5Y

wpaperman@juno.com
wpaperman@msmail.his.tch.tmc.edu

P.O. Box 7306
Cut 'n Shoot, TX 77303-0306
(H) +1 713 592-8636 (6pm to 9:30pm Central Time)
(W) +1 713 770-1836 (6:30am to 3:30pm Central Time)
(FAX/Modem) +1 713 593-2688

I have a collection of service information and literature dating back to the 1920's. I will be happy to assist those needing copies of out-of-copyright information for specific makes and models of receivers, transmitters, test equipment, etc..

The collection spans commercial, amateur, and military surplus gear of all types. Unfortunately I have not yet taken the time to catalog all this information (soon), but it is logically filed by make, model, etc.

If you need service information for a specific piece of equipment, (and I have the information in my collection) I will research and copy it for you. Cost will vary depending on the time required to find the information and the amount of pages to be copied. I estimate 10 pages or less at $1.00 US/page including US postage. I will quote on larger manuals. Note that I am not in the business of selling the manuals themselves.

This is NOT my career or a business. Any requests must be prepaid or I will ship COD at additional postage costs.

Other areas of expertise:

* ARES/RACES
* Novice/Tech Instruction
* RFI
* Volunteer Examiner Programs

Antenen Pascal HB9IIB

pantenen@worldcom.ch

AUTHOR, SWISSLOG HAM RADIO LOG PROGRAM

http://www.worldcom.ch/business/swisslog/swisslog.htm

Ian Pawson G8IQU

ipawson@cis.compulink.co.uk

BRITISH AMATEUR TELEVISION CLUB (BATC) WORLD-WIDE WEB PAGE:

http://ourworld.compuserve.com/homepages/ipawson/

(Features information about the BATC and Amateur Television (ATV) in Britain in general.)

Bruce Perens AB6YM

perens@hams.com

MAINTAINER OF LINUX FOR HAMS CDROM

What Is Linux for Hams?

Linux for Hams is a full-featured Linux system with special additions for Amateur Radio. The system includes all of the sophisticated software that one would expect on one of today's engineering workstations, along with software for packet radio communication, electronic design, printed-circuit manufacture, a database of FCC rules and license exams, a code-practice program, and other Amateur Radio applications.

The general-purpose software includes software for connecting to the Internet, compilers for the C and C++ languages, a full-featured typesetting system, a symbolic mathematics program, CDROM authoring tools, and many other programs. Unlike other Amateur Radio software collections, Linux for Hams is an integrated system. The programs are already compiled and configured to work together with the rest of the system.

Linux for Hams is being built by Bruce Perens AB6YM, with the help of several volunteers. Of course, it builds on the work of the thousands of volunteers who helped create Linux and the other programs it contains.

The system will be available for free if you download it using FTP. A low-cost CD will be available, for about $30 US.

FREE CDROM SUBSCRIPTION FOR VOLUNTEERS

Most of the software in Linux for Hams is free software, contributed by its author for anyone to use. I would like to compensate those authors for their work. If you are the author of a significant piece of software included in Linux for Hams, please E-mail to Perens@Rahul.net. You may be be able to get a free CDROM subscription to Linux for Hams.

Bruce Perens AB6YM reserves the right to decide who gets free subscriptions, what is included in a free subscription, and for how long those subscriptions last.

For more information about Linux for Hams, check out the WWW page:

http://www.hams.com/perens/LinuxForHams

or send E-mail with the word "help" to:

info@hams.com

[Editor's Note: This project seems to be delayed as the result of schedule slippages with the Debian version of Linux. For more information about the status of the Debian Linux System, please

contact David Engel at david@ods.com.]

Randall (Randy) Phillips N2BQV

rlphillips@gnn.com

http://members.gnn.com/rlphillips/n2bqv.htm

4768 Syracuse Road
Cazenovia, NY 13035

* Licensed since 1967
* Primary interest is Amateur Television (ATV)
* Have repeater site on property with 158-foot tall tower and two
repeaters

Member, Quarter Century Wireless Association (QCWA)

(see also Jim Walsh)

Ken Pulfer VE3PU

jkpulfer@rac.ca
jkpulfer@igs.net

RADIO AMATEURS OF CANADA (RAC) TREASURER AND WEBMASTER

(RAC is Canada's national amateur radio society.)

RAC WORLD-WIDE WEB PAGE:

http://www.rac.ca/

- Q -

- R -

Terrence R. (Terry) Redding WB5LMJ

TRRedd@aol.com

P.O. Box 2868
Palm Beach, FL 33480-2868
(H) +1 407 659-6062
(W) +1 407 835-4446

PHD CANDIDATE IN ADULT AND HIGHER EDUCATION

EDUCATIONAL ADVISOR, AMERICAN RADIO RELAY LEAGUE

I am primarily an adult educator conducting research in self-directed
learning. I have been involved in the following activities:

* Teach licensing classes, since 1974.
* Organize clubs, Stuttgart Amateur Radio Club, Panama Canal Astronomy Club, Lawton Astronomy Club.
* Public speaking and publish on growth in volunteer organizations, marketing adult and higher education and teaching amateur radio courses.
* Research in adult learning theory, adult motivation and organizational theory.
* Conducted a SAREX activity that involve seven communities, 21 schools and 3,000 children.

I am primarily interested in assisting amateur radio clubs grow.

Tony Reeves AB6GA

tony@toners.com

Prescott, AZ

* Novice training, local VE for Novice-Tech tests
* General questions

I also operate a 24-hour landline BBS for Ham and General Interest:

+1 520 445-8472

Ronaldo (Rony) Reis PS7AB

ps7ab@digi.com.br

Natal City, Brazil

BRAZIL HAM WORLD-WIDE WEB PAGE:

http://www.digi.com.br/users/brazil/ps7ab.html

(Featuring a wide variety of information about amateur radio and shortwave listening in Brazil.)

Peter Reynolds KE4ABD

Peter Reynolds (KE4BAD) E-mail: reynolds@stc.nato.int
Voice: +31 70-314-2410 FAX: +31 70-314-2111
Senior Scientist, Radio Branch, Communications Division
SHAPE Technical Centre, PO Box 174, 2501CD The Hague,
The Netherlands CompuServe: 100276,1340

I am very lucky in that I earn my living in radio communications, so my expertise is fairly broad (but not focused on amateur techniques only):

* Modulation types - FSK, PSK, MSK
* Error control - various types of ARQ and FEC systems
* RF - Antennas, HF propagation

* Networking - TCP/IP over HF
* Frequency bands: VLF, LF, HF, VHF, UHF, SHF

This is a very brief synopsis of the areas that I have dealt with over the years. I always enjoy discussing and researching a communications problem so if you don't see it listed above drop me a line anyway, especially if you happen to be in Europe.

Barry Rose K7YYM

barry@indirect.com

BOARD MEMBER, ARIZONA REPEATER ASSOCIATION

Check out our Web page at:

http://www.indirect.com/www/ara/

Bill Roth N7RYW

n7ryw@teleport.com

AMSAT-NA LIFE MEMBER #2109

I am the AMSAT coordinator for the Portland, Oregon area and I do a lot of the "Elmering" in this area as well as steering people toward others.

This would be for satellites only, as I am not doing HF anymore.

I am currently set up for all of the digital and analog satellites, all modes including AO-13 Mode S and weather sats.

I would be happy to assist people with getting started and beyond in all areas of satellite operations.

Henry Ruh KB9FO

atvq@aol.com

AMATEUR TELEVISION QUARTERLY (ATVQ) MAGAZINE

The magazine's E-mail address and mine are the same: ATVQ. There is also a ham radio section for "manufacturers and dealers" on America On-Line in which we list Amateur Television Quarterly, as expert and manufacturer. That is where most of the Frequently-Asked Questions (FAQ's) come from.

Most FAQ's are answered in one of two books we published. ATV Secrets for Aspiring ATV'ers is a non technical book, and Volume II is a 300-page technical manual with theory and projects for all equipment necessary to operate an ATV station. Prices in US funds are $9.95 and $24.95 plus postage ($3.10). Most of your inquires can be answered by

either of these two books.

I am also compiling a set of W6ORG Notes, a regular column in ATVQ, which answers many of the technical FAQ's on various equipment and operations. This will be available for $9.95 also.

I can try to answer questions on here, and frequently do, but time is expensive and limited!

John Rymell N3PFF

ryme@husky.bloomu.edu
Bloomsburg University
Bloomsburg, PA

Over 25 years in electronic/computer service work. Enjoy designing, building and operating vacuum tube and solid state equipment. Experienced in wire antenna and tuners, SWL, and Amateur Radio. Have real enthusiasm for building just about anything from next to nothing (:^)! Glad to help those in need.

- S -

Bob Salnick WA9BVE

Bob Salnick, Spokane,WA | UUCP: oliveb!isc-br!tau-ceti!DejaVu!salnick
Amiga 1000, WB 1.3 | INTERNET: salnick@DejaVu.spk.wa.us
WA9BVE |

I can help people with HF stuff, cheap antennas, and am willing to help troubleshoot problems with rigs.

I believe that one of the pillars of ham radio - construction/ understanding at the burn-your-hand-with-a-soldering-iron level - is drifting out of ham radio. With Japanese radios which cost so much, fewer and fewer hams are willing to risk their warranty to service their own equipment. I would like to see a turn-around here...

Mark Salyzyn VE6MGS

mark@ve6mgs.ampr.ab.ca

* Qualifications:
+ Repair Technician
+ Electrical Engineer (14+ years)
+ Advanced Amateur (Canadian) since 1988

* Advice of value:
+ HF + VHF construction, homebrew, repair, circuitry, programming and mods
+ Operating Mobile

+ Packet Radio (Radio, TNC, AX.25, TCP/IP, UNIX NeXTSTEP)
+ NTS (Former Net Control for 80m CW Alberta Traffic Net for 3
1/2 years)
+ Canadian Tests, Rules and Regulations (At least I can do some
legwork if I don't know the answers.)
+ Antennas, Design and Installation
+ General Electronics, Repair, Diagnosis and Design
+ CW training
+ Having fun with Amateur Radio communications

PAST MAINTAINER OF RADIO AMATEURS ON USENET E-MAIL ADDRESS DIRECTORY

(still am an interested contact for this resource, though)

Experimental Search Front-End:
* http://www.acs.ncsu.edu/HamRadio/UsenetList.html

Please direct all Radio Amateurs on Usenet E-mail address feedback,
submissions, and administrivia to hamlist@esi.com.au or
hams-on-usenet@ve6mgs.ampr.ab.ca.

Raymond Sarrio WB6SIV

wb6siv@cyberg8t.com

Advice on Antennas, Equipment, and the Internet

Qualifications:
* Licensed since 1966
* Extra Class
* WWW Webmaster
* CW/HF Operator
* Creator of the When All Else Fails--Amateur Radio Shirt

OWNER OF A FULL-PURPOSE HAM RADIO WORLD-WIDE WEB SITE:

(The Raymond Sarrio Co.)

http://www.sarrio.com/

Please direct any feedback, submissions, or administrivia regarding
these resources to my E-mail address above.

Nick Sayer N6QQQ

Nick Sayer <nsayer@quack.kfu.com> | "I don't mind shooting, so long
N6QQQ @ N0ARY.#NOCAL.CA.USA.NOAM | as the right people get shot."
+1 408 249 9630, log in as 'guest' |
URL: http://www.kfu.com/~nsayer/ | -- "Dirty" Harry Calahan

* HF RTTY/AMTOR, Decoding CHU
* VHF Packet
* Unix, especially SunOS

* Network Time Protocol (NTP)
* Class-C Bipolar Amplifier Design
* Phased-Lock-Loop (PLL) Theory (except for loop filters)

MAINTAINER OF THE FCC-APPROVED(*) POSTSCRIPT(TM) FORM 610:

ftp://ftp.kfu.com/pub/FCC-610/

(*) To be completely official, the FCC recommends that it be printed on standard-weight, buff-colored paper form stock.

Paul W. Schleck KD3FU

pschleck@gonix.com

(finger pschleck@gonix.gonix.com for PGP Public Key)

http://www.gonix.com/pschleck/

Internet Services (Finding FAQ's, using Usenet, FTP, telnet, Archie, FTP mail-servers, mailing lists, etc., etc.)

Club Activities, Examinations, and other events in the Omaha/ Lincoln/Council Bluffs (Eastern Nebraska/Western Iowa) area.

Also willing to provide newsreader kill/select file help to anyone interested in customizing their presentation of the rec.radio.* newsgroups

I would be particularly interested in mentoring/training new FAQ/Info maintainers for the rec.radio.* newsgroups (see also Jack Hill and Joe Nobody for FAQ maintenance opportunities and the rec.radio.amateur.* Working Group mailing list). To paraphrase Zack Lau, I can't post it all myself!

I have taken over maintenance of the Perl-based auto-faq FAQ management and posting package from Ian Kluft and would be happy to guide new FAQ authors in its use. The latest version, 3.2pl2, is available via anonymous FTP from:

ftp://ftp.novia.net/customers/pschleck/auto-faq/

The auto-faq-users mailing list has also been re-sited at Novia. To subscribe, send E-mail to auto-faq-users-request@novia.net

with:

subscribe auto-faq-users

in the message body. An acknowledgement message will follow shortly. To unsubscribe, replace the above command with:

unsubscribe auto-faq-users

Recently I undertook some academic research into packet radio using KA9Q's Multiple-Access/Collision Avoidance (MACA) link-layer protocol. I attempted a literature survey as well as some software simulations of the protocol (with varying degrees of success). I would welcome any opportunities to improve on my work, find out about any actual MACA implementations, share information, and build on my bibliography (available on request). More information about MACA may be obtained from:

ftp://ftp.ucsd.edu/hamradio/packet/arrlcnc/1990/

COLLEGE CLUBS

MAINTAINER OF THIS LIST

Please direct all Elmers List submissions, feedback, and administrivia to elmers-request@gonix.com.

Tony Schliesser N8XJA

Internet: s003aps@desire.wright.edu
AMPRNET: n8xja@ag9v.ampr.org
Packet: N8XJA@N8XJA.#DAY.OH.USA.NOAM

JOINT AMPR.ORG IP COORDINATOR FOR OHIO SUBNET (44.070.XXX.XXX)

Please direct all correspondence regarding the assignment of ampr.org IP numbers in Ohio to:

ipaddr@ag9v.ampr.org

which is a mailing list read by a team of coordinators.

(See also John Ackermann)

[Editor's Note: All ampr.org coordinators are listed in the document at:

ftp://ftp.ucsd.edu/hamradio/amprnets

]

Barry Schwartz N2SHP

godzilla@panix.com

NEW YORK CITY ARES EMERGENCY COORDINATOR FOR OPERATIONS

NYC ARES WORLD-WIDE WEB HOME PAGE:

http://www.panix.com/clay/nyc-ares/

Tom Sefranek WA1RHP

tcs@cmcorp.com

http://www.cmcorp.com/ham_radio/inventory/sefranek.html

112 Great Rd.
Shirley, MA 01464
+1 508 425-6672

ARRL & W5YI VE, ARRL TS, ARRL Instructor/Elmer

* Amplifiers
* Antennas/Transmission lines
* Battery/Solar Operation
* Homebrewing/Do-it-Yourself
* Mobile Operation
* Power supplies
* Repeater Building/Maintaining
* RFI Consultant

I prefer E-Mail to answer questions, etc.
but feel free to call if you like.

John D. Seney WD1V

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John D. Seney, WD1V Internet: john@wd1v.mv.com
144 Pepperidge Drive America On Line: jseney@aol.com
Manchester, NH 03103-6150 AX.25 Pkt: WD1V@WB1DSW.NH.USA.NA
(H) +1 603 668-1096 Amprnet: wd1v@wd1v.ampr.org
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FREE MACINTOSH AMATEUR RADIO TEST SIMULATORS

Available under:

* ftp://ftp.barc.org/pub/hamradio/mac/theory-and-morse/
* http://www.mv.com/ipusers/wd1v/

MACNET MACINTOSH AMATEUR RADIO SOFTWARE DISTRIBUTION

Mac Computers + Hams + Radios = Macnet Software

Available under:

* ftp://ftp.barc.org/pub/hamradio/mac/
* http://www.mv.com/ipusers/wd1v

or via First Class Mail on 10 New Disks for just $30.00 US

(Each Stuffed with the Latest Self Extracting Public Domain or
Freeware Versions - 800k Disks)

Macnet Index by Disk:

1. Logs + Demos
2. DX + Contest
3. Education + Remote Control
4. Astronomy + FAX

5. Packet Terminals
6. Net/Mac TCP/IP + FAQ
7. Novice Test (or the Ham Test of Your Choice)
8. Satellite Trackers + Dove
9. C/C++ Programming Tutors
10. Macnet Roster ("Whos Who" of Hams w/ Macs)

Send Check or Money Order - Outside USA Send $40.00 US
All Orders Shipped within 48 Hours

MAINTAINER OF DIGITAL STORAGE SCOPE FAQ

Available from:

http://www.mv.com/ipusers/wd1v/dsofaq.html

or write me at my E-mail address above with:

subscribe scope.faq

in the Subject.

Jimmie B. Shelton KT4FQ

jshelton@sprynet.com
n5laejs@aol.com

Voice: +1 615 431-7573
Modem: +1 615 431-4081

2329 Pendleton Dr.
Clarksville, TN 37042

* Antennas
* Field Day

Philip A. Shelton N6DZH

pas@west.net

Voice (Work): +1 805 569-0110
FAX/Modem: +1 805 682-0119

2654 State Street #33
Santa Barbara, CA 93105

* Antennas
* ARES/RACES
* Morse Code
* QRP
* Volunteer Examiner

Mike Silva KK6GM

mjsilva@ix.netcom.com

Stuff I know:
* Antennas
* Circuitry (analog, digital, RF, tubes, semiconductors)
* Construction
* CW
* Operation (HF, VHF/UHF)
* Finding Parts

Don Simpson KO4TA

ko4ta@mindspring.com

NET CONTROL, BEST OF 75 NET

Meets every Saturday evening at 1930 Eastern Time at 3.975 MHz (75 Meter HF Amateur Radio). Guests via the KO4TA phone patch usually arrive about 2100 Eastern Time.

The purpose of this net is to bring the Amateur Celebrity to the Amateur for an opportunity to ask and answer questions. Past guests have included Barry Goldwater, Wayne Green, Hap Holley, Fred Maia, and Bill Pasternak.

The 3.975 MHz frequency is also home of the Friday Night Trader's Net at 1930 EST as well as good-natured discussion in general almost any other time.

WORLD-WIDE WEB HOME PAGE OF THE "BEST OF 75 NET":

http://www.mindspring.com/~ko4ta/bestofnet.html

SECURITY/FIRE SYSTEMS HOME PAGE:

http://www.mindspring.com/~ko4ta/alarm.html

Rein Smit W6/PA0ZN

rein0zn@ix.netcom.com

EARTH-MOON-EARTH (EME) AND SEARCH FOR EXTRATERRESTRIAL INTELLIGENCE (SETI) WORLD-WIDE WEB PAGE:

http://www.nitehawk.com/rasmit/

Bill Sohl K2UNK

billsohl@planet.net

+1 201 691-8116

Budd Lake, New Jersey

ARRL LOCAL GOVERNMENT LIAISON

Other areas of expertise:

* Apple Macintosh
* Batteries
* Internet Services
* Scouting (Radio Merit Badge Counselor)
* Seminars/Lectures
* VHF
* Zoning Ordinances Related to Antenna Towers

Keith Sproul WU2Z

Keith Sproul Ham Radio: WU2Z
Student Housing Network Coordinator ksproul@noc.rutgers.edu
Rutgers University Computing Service +1 908 445-3695 Work +1 908 445-2968 Fax
http://www-ns.rutgers.edu/~ksproul +1 908 821-4828 Home

North Brunswick, New Jersey

AUTOMATED POSITION REPORTING SYSTEM (APRS)

(See also Mark Sproul)

Mark Sproul KB2ICI

sproul@ap.org

North Brunswick, New Jersey

AUTOMATED POSITION REPORTING SYSTEM (APRS) WORLD-WIDE WEB PAGE:

http://aprs.rutgers.edu/APRS/

Terry Stader KA8SCP/1

AMERICA ONLINE HAM RADIO CLUB HOST

* tstader@aol.com (files/messages less than 27K)

* KA8SCP@WA1PHY.#EMA.MA.USA.NOAM _or_
* ka8scp@ka8scp.ampr.org [44.56.4.82]

* registered ARRL Instructor (teaching for the last 6 years
Novice/Tech classes with an 87% pass rate)
* Host (Forum Manager) of the America Online Ham Radio Club Forum
* President for 6 consecutive years of an ARRL Special Service Club
(The Police Amateur Radio Team of Westford, MA - WB1GOF)
* ARRL Eastern Massachusetts Assistant Section Manager and District
Emergency Coordinator

* Area 1 Communications Officer for the Massachusetts Emergency
Management Agency (formerly Mass. Civil Defense Agency)
* Expertise with Apple // and Macintosh computers. (I have over 80
MB of Mac ham radio software available.) and ham-related
* Operate TCP/IP with Macintosh
* plus all around source of information about communications

MASSACHUSETTS EMERGENCY MANAGEMENT AGENCY WORLD-WIDE WEB PAGE:

http://www.magnet.state.ma.us/mema/

MAINTAINER OF MACINTOSH AMATEUR RADIO SOFTWARE LIST

ftp://rtfm.mit.edu/pub/usenet/rec.radio.amateur.misc/

Bill Standerfer KF0DJ

Bill Standerfer * Hewlett-Packard Company
CFI-A, IA, ME * VXI Systems Division
bills@lvld.hp.com * Loveland, CO 80539
Baron N222AB - KF0DJ - Pikes Peak 253 * +1 303 679-2378

I'm certainly willing to be an Elmer if there's a need. I hope I've
learned a few things since 1966 when I first went on the air. :-)
Here's a list of subjects I might be able to help with:

* Combining amateur radio and flying
* Antennas
* Civil Air Patrol
* General Operating Practices
* Older (Tube) Equipment
* Test Equipment and Measurements

Rene Stiegler N4LET

msgctr@world.std.com

MANAGER, MARITIME MOBILE SERVICE NET (MMSN)

MMSN WORLD-WIDE WEB HOME PAGE:

http://www.maf.mobile.al.us/~mmsn/

Jeff Stillinger KB6IBB

- ---
Jeff Stillinger - KB6IBB js@ibbs.av.org
PSC Box 3429 js@red-eft.la.ca.us
Edwards AFB, CA 93524 +1 805 258 7303 8N1
Flight Test Center, crashing aircraft so you don't have too.
- ---

For hams that are interested and live in my area, they are welcome to login to IBBS. IBBS is a full-time Unix-based computer that is dedicated to ham radio. I carry a full rec.radio.* news feed and E-mail. There will never be a fee for anything.

Over the past 10 years I have operated from 160 M - 23 CM and would be willing to answer any question a new person to the hobby has. If I don't know the answer, well, NASA is only two blocks away. :-) I live and work here at Edwards Air Force Base, CA. I am also very active in SAREX.

Dave Stine WA2JTA/6

dstine@cisco.com

My areas of expertise are:

* vacuum tube amps, receivers, exciters
* CW operating tips
* wire antenna tips, hints & kinks

David Stockton GM4ZNX

dstock@hpsqf.sqf.hp.com

* SWL since 1960
* Licensed since 1984 (UK full class A)
* Degrees in electronics&comms and digital techniques etc.
* Currently senior design engineer doing RF design

* Fairly broad interest in amateur radio (but not contests!)

* Antennas, Transmission lines,filters from fundamental theory to practice
* Receiver structures and circuits from simple to state of the art.
* Transmitters, ATUs
* Test equipment
* Wide experience of troubleshooting/repairing equipment.
* Professional experience of EMC/RFI
* QRP
* UK Operation and Licensing

* My morse is flaky, but I keep working on it
* No interest in contests
* No interest in packet radio or in fixing computers

Just wrote the new oscillator and synthesiser chapter for the 1995 ARRL Handbook. Also co-developed (with G3ROO) a robust phase-locked summing loop circuit to replace the common mixer-filter LO frequency adder. A technical article describing the project was recently published in RADCOM.

C. E. (Chuck) Strobel K6PBT

cestro@pinsight.com

MAINTAINER OF THE K6PBT DEALER DIRECTORY:

(For the Ham Radio/SWL/Electronics Enthusiast)

DealerLinks: http://www.pinsight.com/~cestro/pcdlinks.html
DealerEmail: http://www.pinsight.com/~cestro/pcdemail.html

Please direct any feedback, submissions, or administrivia regarding
these resources to my E-mail address above.

Phil Sussman KB8LUJ

pactor@dnaco.net

PUBLISHER OF PACTOR NEWS:

http://www.dnaco.net/~pactor/

(Also contains links to other PACTOR-related sites)

SPEAKER AND HOST OF PACTOR FORUM AT DAYTON HAMVENTION

- T -

Roger H. Taylor K9ALD

Roger H. Taylor, PE rtaylor@ux1.cso.uiuc.edu
1106 Rayburn Ct. K9ALD AFA3WG
Mahomet, IL 61853 Outdoor writer (Fishing)
+1 217 586-4958 Skamania Reign Supreme!
Manager, Network systems, OIM, University of Illinois

Help on antennas, Air Force MARS, components, Tube circuits, linear
amplifiers, troubleshooting, Internet questions and software

AUTHOR OF 1995 ARRL HANDBOOK, CHAPTER 5 ON DIRECT CURRENT (DC)

ILLINOIS FISHING PAGE AT:

http://www.cba.uiuc.edu/~rtaylor/fish/fish.htm

Pierre Thomson KA2QPG

mmommsen@mhv.net

Interests:

* Operate mostly HF, mostly CW
* HF wire antennas

* LF/MF radiobeacon DXing
* VHF & UHF FM commercial experience
* Telephone RFI and lightning protection

Patrick Tice WA0TDA

handiham@mtn.org

Voice: +1 612 520-0511
FAX: +1 612 520-0577

MANAGER, COURAGE HANDI-HAM SYSTEM

I have information pertaining to Amateur Radio and physical
disabilities or sensory impairments, such as blindness.

Visit us on the World-Wide Web:

http://www.mtn.org/handiham/

Bob Tidd KJ6CS

inp@violet.berkeley.edu

Computerized DXCC databases and query software (written in BSD-Unix
compatible C) available on request. Would welcome ports to IBM-PC or
Macintosh.

Markku Toijala OH2BQZ

mto@spider.compart.fi

FINNISH AMATEUR RADIO LEAGUE (SRAL) WORLD-WIDE WEB PAGE:

http://www.sral.fi/

Please direct all submissions, feedback, and administrivia regarding
SRAL and its WWW page to hq@sral.fi.

Michael Tracy KC1SX

Michael Tracy, KC1SX | mtracy@arrl.org
American Radio Relay League | tis@arrl.org
225 Main St. |
Newington, CT 06111 |
+1 860 594-0200 - voice
+1 860 594-0259 - FAX

ARRL TECHNICAL INFORMATION SERVICE COORDINATOR (TIS@ARRL.ORG)

ARRL E-MAIL INFORMATION SERVER SYSOP (INFO@ARRL.ORG)

The ARRL Technical Information Service (TIS) is a valuable membership benefit that helps hams find answers to difficult technical questions.

The answer to a ham's most common technical questions can be found in one of the many books about Amateur Radio. Folks who call or write to ARRL TIS staff are often referred to one of these books or to a past magazine article.

However, most hams find that the fastest way to get the answer is to do their own research. Publication catalogs often talk about what kinds of information are available in different books. A few good books will answer the vast majority of questions as well as enhance a ham's knowledge and enjoyment of this fascinating hobby.

Magazines are also a superb technical reference. An annual index of articles appears in the December issue of QST and other magazines. These indexes will usually have an article or two (or six) about a particular topic. If an older QST or QEX article is not available locally, the ARRL Technical Department Secretary can provide a copy for a small fee. Back issues are also available from the QST Circulation Department.

The ARRL Technical Information Service is a valuable source of information and research for questions that cannot be answered by other means. ARRL TIS has information packages and bibliographies that are available on request to answer most technical questions.

For those who want to know if something has been previously published on a particular subject, TIS can also assist with research to locate this information. TIS also helps locate companies that sell hard to find parts or supplies used in our hobby.

Many amateur radio informational documents are also available from the ARRL E-Mail Information Server (or Info-Server for short). To find out how to use the Info-Server, send E-mail to info@arrl.org with any subject (it is ignored) and the following text in the body of the message:

HELP
QUIT

See Cheyenne Greatorex's entry for information about the ARRL Anonymous FTP Archive and David Newkirk's entry for information about the ARRL World-Wide Web Home Page.

Clark Savage Turner WA3JPG

Clark Savage Turner, Graduate Student Researcher
turner@safety.ics.uci.edu
Safety Critical Software Group home:
Department of Info. and Computer Science 1514 Verano Place
Irvine, CA 92717 Irvine, CA 92715
+1 714 856 4049 +1 714 856 2131

WA3JPG, QRP #3526
HHH WAS #489

ADMITTED TO PRACTICE LAW IN CALIFORNIA, MASSACHUSETTS, AND NEW YORK.

ARRL VOLUNTEER COUNSEL

I would be happy to be an Elmer (have been doing it by default) in the area of older HF gear, especially QRP operation with Ten Tec Argonauts (and Power Mites, etc.). Also have experience with other 10-20 year-old economy HF rigs, particularly the Kenwood TS-520.

Dr. Simon Twigger AA9PW, G1SNT

- ---

Dr. Simon Twigger Tel: +1 414 456-8485
Medical College of Wisconsin Fax: +1 414 266-8497
8701, Watertown Plank Road Email: simont@post.its.mcw.edu
Milwaukee, WI 53213
WWW: http://www.biochem.mcw.edu/Postdocs/Simon/index.html

"Why don't you just make 10 louder?"
(Spinal Tap)

- ---

Having recently discovered the joys of Perl and CGI on the WWW, I decided to get into the swing of it by coding a WWW page where one can take practice Amateur Radio Exams. The page is now complete and has all five examinations along with figures (including Extra).

The results are displayed question-by-question and then broken down by subelement so that you can see which areas need extra study.

I am also saving the results from each examination taken so that one can get some idea of the relative success rate for each Exam and subelement. This may provide some interesting information as time goes by.

The page can be found at:

http://www.biochem.mcw.edu/Postdocs/Simon/radio/exam.html

I _think_ it should all work as expected but I welcome any reports of bugs and/or suggestions!

I hope this is of use to people interested in upgrading.

PS: If the page is slow, or not to your liking, try Ham Exam at:

http://w5ac.tamu.edu/ham-exam.html

- U -

- V -

Johnathan Vail N1DXG

PrePRESS Johnathan Vail vail@prepress.pps.com +1 508 262-8354
- ---------+ 900 Middlesex Turnpike Billerica, Massachusetts 01821
solutions MEMBER: League for Programming Freedom (league@prep.ai.mit.edu)

AMATEUR TCP/IP

TAPR/9600 MODEM

(putting some stuff together for a local repeater)

David P. van De Kerk KE6GXD

David P. van De Kerk Manager, Systems Integration
American Turnkey Santa Ana, CA USA
+1 714 557-9050 x-207 voice +1 714 557-9056 FAX davev@atkc.com
==========
This message does not constitute any official or unofficial statement or policy of American Turnkey or any other organization, corporation or institution.

I just upgraded to Advanced, and am now working on Extra. Was first licensed about ten months ago.

What I've learned:

1. How to operate HF from your apartment without being evicted
2. How to pass tests, both written and code
3. How to make a virtue out of the necessity of your limited equipment, and enjoy the process while doing it

I operate CW HF exclusively. The only time I get to operate is when the baby is asleep, so the XYL demands silent running. Besides, with my wimpy wire, there is little point in trying to run voice.

Frank E. van Vliet PA3FAQ

vanvliet@dutette.et.tudelft.nl

I am willing to answer questions about:

* FILTERS
+ integrated
+ distributed
+ lumped
+ active
+ etc.

* MICROWAVES
+ designing power amplifiers
+ low noise amplifiers
+ mixers
+ etc.

(E-Mail questions are preferred)

Frank E. van Vliet :-)
Delft University of Technology
Faculty of Electrical Engineering
Postbus 5031
2600 GA DELFT
The Netherlands

Peter Vekinis KC1QF, EI4GV, SV0GV

peter.vekinis@dg3.cec.be

http://www.ellada.com/ham/kc1qf.html

PICOSAT SYSTEM WORLD-WIDE WEB PAGE:

http://www.cordis.lu/esprit/src/picosat.htm

(The Picosat System will consist of a constellation of very tiny, 15 cm cube, low-earth-orbit amateur satellites accessible by low-power handheld VHF radios.)

Charles R. (Chip) Veres WB4OQN

veresc@mail.firn.edu

+1 305 989-4329 (don't be put off by the answering machine)

Miami, FL

I have been active in amateur and commercial radio for the last 26 years I have worked on AM, FM, CW, and SSB sets from longwave through 12 GHz. I have also built TV stations for UHF and the 2.5 GHz ITFS band.

I am particularly interested in finding others to learn from my experiences. I am available by net or in person.

- W -

Jim Walsh W7LVN

jwalsh@efn.org

Quarter Century Wireless Association, Inc. (QCWA), headquartered in Eugene, OR, is pleased to announce the QCWA World-Wide Web Home Page,

available by either text or graphics browser at:

http://www.efn.org/~qcwa/

Membership in QCWA, a not-for-profit 501(c)(3) corporation, is open to any radio amateur licensed today AND also licensed 25 years or more ago (there is NO REQUIREMENT for continuous licensing over this time period -- if you received your first ham license on or before January 1, 1970, you're now eligible). Included on the Web page are:

* Photos, biographies, addresses and phone numbers of QCWA 1995-1996 Officers and Directors
* Database of local Chapters (nearly 200, worldwide), including name, address, and callsign of Chapter Secretary
* Listing of on-the-air Chapter meetings
* Details of upcoming National Convention -- with photos, as soon as we receive them
* A few words about the quarterly QCWA Journal (we hope soon to have excerpts from Editor Barry Wiseman's new, improved Journal available to you on the Web)
* Rules and schedule for QCWA Phone and CW QSO Parties
* QCWA Memorial Scholarship Program
* Criteria for and recent winners of QCWA Awards
* A Photo Tour of QCWA Headquarters and W2MM/7 memorial station (soon to display a spiffy new IC-738 . . . THANK YOU, ICOM!)
* Links to other interesting ham-related Web sites

Please visit QCWA on the Web . . . and take a moment to E-mail me with your comments, corrections, and suggestions at my E-mail address above. If you administer a ham-related Web site, QCWA would appreciate a Link from your page. We're 12,000-strong -- worldwide -- and growing! Come join us!

John Wendt WA6BFH

wireless@cyberg8t.com

FOUNDER, TECH BENCH ELMERS AMATEUR RADIO SOCIETY

(Devoted to homebrewing and technical amateur radio in general)

(See also Bob Goldman)

Paul Whatton G4DCV

pwhatton@surrart.ac.uk

MANAGER, AMIGA AMATEUR RADIO USER GROUP (AARUG)

AARUG WORLD-WIDE WEB PAGE:

http://homepages.enterprise.net/pwhatton/

Bob Wier

-- Round Up the Usual Disclaimers! --
Bob Wier, CS Dept., East Texas State University
wier@bobcat.etsu.edu - keeper of the
Motorola MC68HC11, Photo-3D, SD3D,
Icom Radio and Overland Trails mailing lists

The HC11 mailing list also encompasses discussion about the HC16 and
683XX series of micro-controllers.

The ICOM list is for not only Ham, but SWL, Scanning, and Global
Positioning System (GPS) equipment as well.

Subscription requests for any of these can be sent to

listserv@bobcat.etsu.edu

with the body of the message as:

subscribe list-name <your full name>

for example

subscribe Icom Wyle E. Coyote

Bob Wilkins N6FRI

Bob Wilkins N6FRI work bwilkins@cave.org
Berkeley, California home rwilkins@ccnet.com
94701-0710 ax.25 N6FRI@N6EEG.#NOCAL.CA.USA.NOAM

REPEATERS

UHF PROPAGATION

CALIFORNIA AMATEUR VHF ENTHUSIASTS (CAVE) WORLD-WIDE WEB PAGE:

http://www.ccnet.com/~rwilkins/

Lou Williams KE4ARM

Lou Williams (Lou_Williams@ncsu.edu) | aka: KE4ARM
Unix Systems Programmer | Phone: +1 919 515-2794
NCSU Administrative Computing Services | FAX: +1 919 515-3787

Personal URL: http://www.acs.ncsu.edu/~nsyslaw/

MAINTAINER OF THE AMATEUR RADIO WEB SERVER:

http://www.acs.ncsu.edu/HamRadio/

Please direct all submissions, feedback, and administrivia to my
E-mail address above.

Gene Williamson K7DBV

genewill@efn.org

QUARTER CENTURY WIRELESS ASSOCIATION

(see also Jim Walsh)

Paul Williamson KB5MU

kb5mu@amsat.org

I'm not the author of InstantTrack itself, but I was extensively involved in its testing. I'm the author of OrbitDRV (the tracking TSR that comes with InstantTrack) and a number of other InstantTrack auxiliary programs.

AMSAT-NA (the Radio Amateur Satellite Corporation in North America) operates the Internet host AMSAT.ORG to provide for efficient communications between people interested in the amateur satellite program. At this time two services are provided: a message remailing service and a mailing list service.

In addition, the AMSAT World-Wide Web home page provides interactive access to a variety of information related to the amateur radio satellite program. Use your Web browser program (e.g., Mosaic) to access the URL:

http://www.amsat.org/

Anonymous FTP is available from:

ftp://ftp.amsat.org/amsat/

This archive contains much of the same information as the WWW server. In addition, various files and programs are available for anonymous FTP. This is a relatively new archive, so the older FTP site:

ftp://ftp.ucsd.edu/hamradio/

still has lots of files not available there.

The message remailing service permits users to send each other mail on the Internet without keeping track of each other's Internet address. The remailing service allows each user to receive mail sent to the address callsign@amsat.org, where callsign is that user's amateur radio callsign, or other unique identifier. Mail sent to that address will be routed first to the AMSAT.ORG host at UCSD in San Diego, then remailed from AMSAT.ORG to the network address specified by the user. In most cases, this process delays the message by only a very few minutes. The mailing list service groups subscribers into mailing lists to receive certain types of messages. There are public mailing lists available to anyone, and private mailing lists available only to certain people (for example, AMSAT Board of Directors members or PACSAT command stations). Currently the following public mailing lists

exist:

ANS - AMSAT NEWS SERVICE

This mailing list carries official news releases from the AMSAT News Service. These messages are posted in a form suitable for direct posting to a packet radio BBS system. Each message contains a Bulletin Identifier (BID), which permits the message to be introduced into the packet network at many places without resulting in duplicate bulletins at any BBS. The primary purpose of this mailing list is to distribute ANS bulletins for redistribution (via the packet net or on AMSAT voice nets), but individuals may also subscribe for their own use. If your local packet BBS doesn't seem to get the ANS bulletins reliably, you are encouraged to post the ANS bulletins yourself.

Only authorized AMSAT News Service personnel should send messages to the ANS mailing list.

AMSAT-BB - AMSAT BULLETIN BOARD

This mailing list carries general AMSAT information. This information may NOT be suitable in content for transmission via amateur radio, so automatic reposting of AMSAT-BB messages to packet radio BBS's is discouraged. The purpose of this mailing list is to provide a forum for general discussion of any satellite-related topic.

Anyone may send messages to the AMSAT-BB mailing list. Simply address your message to amsat-bb@amsat.org, and it will be automatically forwarded to all subscribers to the AMSAT-BB mailing list.

Editors of publications should ask permission of the sender before publishing anything seen in AMSAT-BB elsewhere, unless the posting was obviously a public press release. However, posters should realize that anything posted to AMSAT-BB is essentially public.

KEPS - KEPLERIAN ELEMENTS MAILING LIST

This mailing list carries official postings of Keplerian element sets for satellites of interest to radio amateurs. Like the ANS bulletins, these messages are posted in a form suitable for direct posting to a packet radio BBS.

Only authorized AMSAT News Service personnel should send messages to the KEPS mailing list.

NASAINFO - NASA RELATED INFORMATION MAILING LIST

This mailing list contains information about current and planned NASA space missions. Be forewarned: at times this mailing list delivers many large messages.

SAREX - SHUTTLE AMATEUR RADIO EXPERIMENT MAILING LIST

This mailing list contains information and press releases pertaining to SAREX missions.

To obtain any of these services, just send a message to the address

listserv@amsat.org

This address may be reached from CompuServe MAIL as:

>INTERNET:listserv@amsat.org

For the moment, the maintenance of the AMSAT.ORG mailing lists and remailing aliases is done manually. Later, this service will probably be automated and you will have to follow a strict message format. For now, you may send requests in free format. They will usually be processed within a few days. In general, you will not receive an explicit reply to your request. Be sure you specify:

1. Which mailing list(s) you want to receive
2. Your callsign, if any
3. The Internet address to be used, if different from the one in your From: header.

You should not send messages about your subscriptions to any of the mailing lists. Send them to listserv@amsat.org instead. This includes questions, requests for changes, requests for information about mailing services, and complaints.

The list of amateurs who may be reached via the message remailing service may be obtained by requesting the "address book". Note that the address book as distributed contains only the callsigns of the available addressees, not their actual Internet addresses. The address book is updated occasionally, and does not necessarily contain the very latest information.

You may request to be added to the list, to be deleted from the list, or to have your Internet address changed on the list. Please include your callsign if you have one. If you don't have a callsign, that's OK, but please say so. If you have more than one Internet address you want to have available on the AMSAT.ORG remailer, you may so specify. For instance, if you have a regular Internet address and a CompuServe account, you may appear in the address book as both w1xyz and w1xyz-cis. Mail sent to w1xyz would go to your Internet address, and mail sent to w1xyz-cis would go to CompuServe. MCImail accounts have the form w1xyz-mci, and so on.

You may also subscribe or unsubscribe to any of the public mailing lists described above. Send a message to listserv@amsat.org, specifying clearly which mailing list(s) you want to add or drop, and giving your callsign if you have one. When you subscribe to a mailing list, you will automatically be added to the remailing service as well, because the mailing lists are maintained by callsign. If you have more than one address listed in the remailing service, please indicate which one(s) you want the mailing list messages sent to.

Additional mailing lists, public or private, can be set up as needed. Send mail to listserv@amsat.org for details.

Questions about any service offered by AMSAT.ORG may be directed to listserv@amsat.org as well.

Please note that the AMSAT business office is separate from mailing list maintenance. You may address membership requests to martha@amsat.org, or send them by mail, phone, or fax to AMSAT headquarters:

AMSAT-NA
850 Sligo Avenue
Silver Spring, MD 20910
USA

Voice: +1 301 589-6062
FAX: +1 301 608-3410

Mike Witkowski N3FDL

mtw@coredcs.com

DX QSL INFO WORLD-WIDE WEB PAGE:

http://www.coredcs.com/~mtw/

The DX QSL Info File is updated monthly. It is in Xbase format and runs under a variety of software, including:

* Dbase
* Vplus
* Totalham

Bob Witte KB0CY, 7J1AUE

Bob Witte bobw@col.hp.com
Electronic Measurements Division +1 719 590-3230
Hewlett Packard Company KB0CY 7J1AUE

* Interests:
+ VHF & UHF Repeaters
+ VHF & UHF Operation (including mountaintopping & portable operation)
+ Scanning frequencies above 30 MHz
+ Coordinator for the Colorado 14er Radio Event (VHF/UHF hiking & mountaintopping event)
+ Operated portable in Japan (7J1AUE)
+ General Mobile Radio Service (GMRS)
+ Test and measurement equipment
+ Technical writing (ham magazines, EE pubs and a few books)

* Qualifications & Questionable Credentials:
+ MSEE, FCC General Radiotelephone License, Amateur Extra Class

---

John F. Woods WB7EEL

jfw@funhouse.com

MAINTAINER OF MY LIST OF MAIL ORDER ELECTRONICS COMPANIES

Available from:

* http://www.funhouse.com/jfw/RF_PARTS.txt
* ftp://ftp.funhouse.com/pub/RF_PARTS.txt
* ftp://ftp.cs.buffalo.edu/pub/ham-radio/mail_order
* ftp://rtfm.mit.edu/pub/usenet/rec.radio.amateur.misc/

- X -

- Y -

Conway Yee N2JWQ

yee@mipg.upenn.edu
2144 East 21 Street
Brooklyn, New York 11229

MAINTAINER OF THE UNIVERSAL AND FREE LISTING OF REPEATERS FOR RADIO AMATEURS

This listing with all the data is available for anonymous FTP from:

ftp://mipgsun.mipg.upenn.edu/pub/yee/rptr010.Z

An experimental search and submission front-end is available at:

http://www.acs.ncsu.edu/scripts/HamRadio/repeaterdb.perl

As far as I am aware, all the data is freely redistributable and my
intent is to make sure it stays that way. For this reason, I have
applied the GNU General Public License.

The repeater project will now include repeaters from ALL bands and is
not limited to the US. This reflects the intent to make this directory
universal.

Contributions of data may be made by anonymous ftp to:

ftp://mipgsun.mipg.upenn.edu/pub/yee/uploads/

or via E-mail to yee@mipg.upenn.edu

The data format has not been changed from the old format so
contributions that you were planning to make (prior to my recent
troubles) are still current and most welcome. This repeater listing
will be of use if people take an active part in making it accurate and
useful.

- Z -

Martin A. Zurn IK2RMZ, DL1GBZ

Home QTH: v. Fermi 10, 21027 Ispra (VA) Italy
(Northern Italy near Swiss Border)
Position: Lat 45d49m N Long 8d38m E WW-Loc: JN45ht
On air: CW only, 160 thru 10 incl. WARC, wire ant only

Work QTH: TP 680, Centro CCR, 21020 Ispra (VA) Italy
E-mail at work: martin.zurn@jrc.it

Expertise:

Technical: Elbugs (incl. features like dot/dash memories, squeezing, touch sensors, auto spacing) Antennas used: Windom, Delta Loop, Trap Dipole, Marconi wire.

Operational: CW Operator since 1981, QRP Operation, Traffic handling nets (NTS, Swedish QTC nets) CW operating in several West European languages (Ham radio shorts, use of foreign CW characters in Italian, German, French, Spanish, and Swedish). QSLing (How to design a QSL that satisfies award hunters and operators of the QSL buro)

Club life: Mbr of AGCW, UFT, GQRP, HSC, VHSC, SMHSC, SCAG,...

Admin: License Regulations in Italy and Germany

Mathematics: Spherical Trigonometry, beam headings, calculation of sunset/sunrise times, etc.

END OF DIRECTORY

-----BEGIN PGP SIGNATURE-----
Version: 2.6.2

iQCVAwUBMgUq6yROYYq72ea1AQGNawP/UXtj8s6llE7gYpPZMFmpXF4RMQFqeHWg
kmvIsTHtH9DxeqCJtjprAkzyUbD/Aj98FNnARVj+5n60/KzYgzpeM0B5l9DpdjaZ
0q6hh4BXqS9FS+sr90Jjgzwx4reXkQ4IM1t7w+VAcVt21iIsUAGaFlcaaEwS6fgH
UEv2mP/S9lQ=
=Mnd9
-----END PGP SIGNATURE-----

373. Amateur Radio: Changes to Elmers Resource Directory

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: pschleck@gonix.com
Message-ID: <radio/ham-radio/elmers/diff-1-839232040@gonix.com>
Source record: 219511
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

```
Posted-By: auto-faq 3.3 beta (Perl 5.002)
Archive-name: radio/ham-radio/elmers/diff
Posting-Frequency: posted on the first Monday of each month
URL: http://www.gonix.com/pschleck/elmers/

-----BEGIN PGP SIGNED MESSAGE-----

(Note: This difference file is taken from the list body only.)

diff -bBcdisw (last month's) (this month's)

*** list.body.old Mon Jul 1 03:01:03 1996
- --- list.body.new Sun Aug 4 17:43:23 1996
***************
*** 191,196 ****
- --- 191,221 ----

------------------------------------------------------------------

+ Ali Ammar KE6YCJ
+
+ ali@redshift.com
+ ali@juno.com
+
+ AX.25: KE6YCJ@K6LY.#CENCA.CA.US.NOAM
+
+ Voice: +1 408 373-2526
+ FAX/Modem: +1 408 373-2534
+
+ 898 Laine Street
+ Monterey, CA 93940
+
+ * ARES
+ * Batteries
+ * Field Day
+ * IBM PC's
+ * Internet Services
+ * Portable
+ * Scouting
+ * VHF
+
+
+ ------------------------------------------------------------------
+
David Andrews ZL2SX
```

andres@kai.ee.cit.ac.nz
****
*** 209,225 ****

I run NOS as a tcp/ip <--> AX.25 mail bbs gateway. I also run a few
nodes, And, I have successfully installed UUPC/extended 1.11k and
! SNEWS for those MS-DOS afficionados out there. SCO-Unix tcp/ip and
! sendmail coming soon!

AMPR.ORG IP COORDINATOR FOR CALIFORNIA - LOS ANGELES COUNTY (44.016.XXX.XXX)

Hardware, software and wetware questions answered either with correct
answers or the name of someone who does know.

! To contact: J. Angus PO Box 4425 Carson, CA 90749-4425 USA
! Or Phone +1 310 324-6080 all day monday, 7 am - 10 am tuesday
! through friday, 7 pm - 11 pm tuesday through thursday.

[Editor's note: All ampr.org coordinators are listed in the document
at:
- --- 234,249 ----

I run NOS as a tcp/ip <--> AX.25 mail bbs gateway. I also run a few
nodes, And, I have successfully installed UUPC/extended 1.11k and
! SNEWS for those MS-DOS afficionados out there. SCO UNIX, Win95
! networking information available.

AMPR.ORG IP COORDINATOR FOR CALIFORNIA - LOS ANGELES COUNTY (44.016.XXX.XXX)

Hardware, software and wetware questions answered either with correct
answers or the name of someone who does know.

! J. Angus, 15900 Crenshaw Blvd. Suite G533 Gardena, CA 90249-4832.
! Phone numbers: +1 310 887-8545 pager or +1 310 287-0618 voice.

[Editor's note: All ampr.org coordinators are listed in the document
at:
****
*** 229,234 ****
- --- 253,275 ----
]

+ John C. Anthony K4PCA
+
+ anth2ga@stc.net
+
+ Voice: +1 706 878-2940
+ FAX: +1 706 878 3498
+
+ 132 Covered Bridge Rd.
+ Sautee, GA 30571
+
+ * Antennas
+ * Antique and Older Equipment

+ * Novice/Tech Instruction
+
+
+ --
+
Mike Ardai N1IST

n1ist@netcom.com
****
*** 242,248 ****

* newsline-list (Amateur Radio Newsline)
- - * w1aw-list (ARRL Official Bulletins)
* letter-list (ARRL Letter)
* ky1n-list (KY1N VEC listing, Local Eastern MA VE sessions)
* barc-list (Boston Amateur Radio Club mailing list)
- --- 283,288 ----
****
*** 266,277 ****
- --- 306,365 ----

subscribe list_you_want

+ Since there appears to be no hope that Netcom will ever improve its
+ mailing list services, w1aw-list has been moved to a server down at
+ ARRL headquarters. See Jeff Bauer's entry for more information if you
+ wish to continue to receive W1AW bulletins.

+ There is no need to unsubscribe from the Netcom list. I'll take care
+ of that myself.
+
+ Thanks again for your support and patience with my w1aw-list over the
+ years. Note that this change will not affect any of the other
+ ham-radio related lists at Netcom.

- B -

+ Jeff Bauer WA1MBK
+
+ jbauer@arrl.org
+
+ American Radio Releay League
+ 225 Main Street
+ Newington, CT 06111-1494
+ +1 860 594-0208
+ FAX: +1 860 594-0299
+
+ MANAGER AND CHIEF OPERATOR, ARRL HEADQUARTERS STATION W1AW
+
+ OWNER OF W1AW-LIST ARRL BULLETIN MAILING LIST

+
+ To subscribe, send E-mail to:
+
+ w1aw-list-request@arrl.org
+
+ with the following in the subject (not the body) of the message:
+
+ subscribe user@host.com
+
+ where user@host.com is your E-mail address. To unsubscribe, send:
+
+ unsubscribe user@host.com
+
+
+
+ For information about the ARRL info server, send E-mail to
+ info@arrl.org with the word "HELP" in the message body.
+
+ See Cheyenne Greatorex's entry for information about the ARRL
+ Anonymous FTP Archive and David Newkirk's entry for information about
+ the ARRL World-Wide Web Home Page.
+
+ Please direct any other inquiries to my E-mail address above.
+ --
+
Rob Bellville N1NTE

****
*** 479,486 ****
possible because of the server. Congratulations to the community for
making this system so useful.

! Look for the new server in two or three months. Until then you can
! access the current one.

Please direct all other feedback, submissions and administrivia
regarding these services to my E-mail address above.
- --- 567,575 ----
possible because of the server. Congratulations to the community for
making this system so useful.

! Work on this project has been delayed such that its completion time is
! somewhere in the indefinite future. In the meantime you can access the
! current server.

Please direct all other feedback, submissions and administrivia
regarding these services to my E-mail address above.
****
*** 554,559 ****
- --- 643,677 ----
personal research interest for the last 25 years or so).

+ Pieter J. T. Bruinsma PA0PHB
+
+ pieth@nikhef.nl
+
+ AX.25: PA0PHB@PI8WNO.EU
+
+ http://www.nikhefk.nikhef.nl/~pieth/
+
+ Voice: +31 20 5922057
+ FAX: +31 20 5922165
+
+ P.O. Box 4395
+ 1009 AJ
+ Amsterdam
+ the Netherlands
+
+ MEMBER, PUBLIC RELATIONS COMMITTEE, DUTCH NATIONAL RADIO SOCIETY (VERON)
+
+ VERON WORLD-WIDE WEB PAGE:
+
+ http://www.nikhefk.nikhef.nl/~pieth/veron/
+
+ BOARD MEMBER, WOERDEN CHAPTER OF VERON
+
+ WOERDEN CHAPTER WORLD-WIDE WEB PAGE:
+
+ http://www.nikhefk.nikhef.nl/~pieth/pi4wno.htm
+ ---
+
Barry Buelow WA0RJT

****
*** 653,658 ****
- --- 771,808 ----
Please direct all submissions, feedback, and administrivia for these
articles to my E-mail address above.

+ 10-X INTERNATIONAL WORLD-WIDE WEB PAGE:
+
+ http://www.lehigh.edu/lists/tenten-l/
+
+ 10-X INTERNATIONAL MAILING LIST:
+
+ To subscribe, send E-mail to:
+
+ listserv@lehigh.edu
+
+ and in the body of the message, write:
+
+ SUBSCRIBE tenten-l your_name your_call
+
+ where "your_name" is your real name, and "your_call" is your callsign,

```
+ if any. For example:
+
+ SUBSCRIBE tenten-l John Doe K5FJZ
+
+ A welcome message with more detailed help will follow shortly.
+
+ To unsubscribe, type:
+
+ UNSUBSCRIBE tenten-l
+
+
+
+ (10-X International is an amateur radio organization devoted to
+ encouraging the use of the 10 Meter, or 28 MHz, amateur band. They are
+ primarily known for their "10-X" numbers which members exchange during
+ communications on that band.)
+
I serve as an Educational Advisor to ARRL and hence fall within the
loose bounds of their field organization. I know something of the
fundamentals in electronics, having written the current Chapter 6 of
***************
*** 1284,1289 ****
- --- 1434,1460 ----
rec-radio-request@stat.com.
-------------------------------------------------------------------

+ Stephen Douglas K6HZT
+
+ k6hzt@dfsystems.com
+
+ DF SYSTEMS WORLD-WIDE WEB PAGE:
+
+ http://www.dfsystems.com/
+
+ P.O. Box 246925
+ Sacramento, California 95824-6925
+
+ Specializing in:
+
+ * Amateur Radio
+ * Radio Direction Finding (DF)
+ * Doppler DF
+ * Surplus Electronics and Communications Equipment
+
+
+ ------------------------------------------------------------------
+
Norm Drechsel WA3KEY

wa3key@fast.net
***************
```

```
*** 1562,1567 ****
- --- 1733,1798 ----
radio while really helping out.
_____________________________________________________________

+ Kathy Goerg
+
+ kgoerg@webblabs.com
+
+ WEBB LABORATORIES RF/MICROWAVE CAE WORLD-WIDE WEB PAGE:
+
+ http://www.webblabs.com/
+
+ (Featuring information about receiver engineering, structure
+ synthesis, and active filter design.)
+ _____________________________________________________________
+
+ Mel Goldberg KO6TF
+
+ scoutradio@scout.net
+
+ ASSISTANT SCOUTMASTER, TROOP 319 & WEBMASTER ADVISOR
+
+ SCOUTRADIO WORLD-WIDE WEB PAGE:
+
+ http://scout.net/ScoutRadio/
+
+ ScoutRadio is a "good turn project" of Troop 319, Huntington Beach,
+ California USA. Our goal is to promote amateur radio in Scouting,
+ including past & present Scouts & Scouters, and being prepared with
+ ham radio, helping community and country.
+
+ Current Projects:
+ * National Hurricane Center
+ * Jamboree-on-the-Air (JOTA) Matchmaking Hams with Troops
+ * Scout Discounts on Ham Equipment
+ * Donation of old Handheld Transceivers (HT's) to Troops
+
+
+
+ Officially ARRL approved as the JOTA info site.
+
+ Learn how to stay in touch on long backpack trips.
+ _____________________________________________________________
+
+ Robert F. (Bob) Goldman K6BD
+
+ bgoldman@mail.microsys.net
+ AX.25: K6BD@W6TJ.#SOCA.CA.USA.NOAM
+
```

+ http://www.geocities.com/SiliconValley/4333/
+
+ +1 909 780-3217
+
+ I am always open to Elmering....anyone is welcome to contact me.
+
+ TECH BENCH ELMERS AMATEUR RADIO SOCIETY
+
+ (Devoted to homebrewing and technical amateur radio in general)
+
+ TECH BENCH ELMERS WORLD-WIDE WEB PAGE:
+
+ http://www.geocities.com/SiliconValley/2775/
+ --
+
Howard Goldstein N2WX

****
*** 2148,2156 ****
time by only seeking assistance from them for the topics under which
they are listed. There are many Elmers willing to answer more
beginning-level packet radio questions, including basic questions
! about IBM PC hardware, TCP/IP and NOS. Consult the "PACKET AND DIGITAL
! NETWORKING" category in the Subject Quick-Search Index for a complete
! list.]

Paul Keezer NX1P
- --- 2379,2387 ----
time by only seeking assistance from them for the topics under which
they are listed. There are many Elmers willing to answer more
beginning-level packet radio questions, including basic questions
! about IBM PC hardware, TCP/IP and NOS. Consult the "IBM PERSONAL
! COMPUTER (PC) AND CLONES" and "PACKET AND DIGITAL NETWORKING"
! categories in the Subject Quick-Search Index for a complete list.]

Paul Keezer NX1P
****
*** 2306,2311 ****
- --- 2537,2570 ----
ftp://wb5fnd.tech.uh.edu/pub/hamradio/mods/kenwood/

+ Christopher Knauer KB9CCR
+
+ cknauer@sni.net
+
+ 5004 W. 92nd Avenue #123
+ Westminster, CO 80030
+

+ +1 303 403-1883
+
+ WEBMASTER, NATIONAL SKYWARN WORLD-WIDE WEB PAGE:
+
+ http://www.skywarn.org/
+
+ (Working with the ARRL and the National Weather Service to provide
+ authoritative information about weather spotting both to SKYWARN
+ members and the general public.)
+
+ Also have experience in:
+
+ * ARES
+ * IBM PC's
+ * Internet Services
+ * Commercial Broadcasting (Assistant Engineer and Manager of
+ Information Services)
+
+
+ --
+
Louis J. Kohnen K2ANC

K2ANC.Wbst128@xerox.com
****
*** 2788,2793 ****
- --- 3047,3081 ----
(see also Gary Coffman)

+ Joe Moell K0OV
+
+ homingin@aol.com
+
+ HOMING IN COLUMN WORLD-WIDE WEB PAGE:
+
+ http://members.aol.com/homingin/
+
+ (Homing In is a column in 73 Magazine featuring information about
+ radio direction finding, hidden transmitter hunting, and jammer
+ tracking.)
+
+ This site features:
+ * Southern California T-hunting, what equipment the winners use
+ * International-style foxhunts have come to California
+ * Complete design fixes for the Dick Smith doppler set
+ * Updates to the Moell/Curlee book (TRANSMITTER HUNTING---Radio
+ Direction Finding Simplified), including board/kit/parts sources
+ and building tips
+ * Frequently Asked Questions and answers from the Homing In mailbox
+ * Index and subject list of all Homing In columns in 73 Magazine

```
+ through September 1996 (over 90 articles)
+ * And lots more...
+
+ The Homing In site is written and maintained by Joe Moell K0OV. It is
+ not affiliated with 73 Magazine, Wayne Green Enterprises, or any other
+ commercial entity.
+ ------------------------------------------------------------------
+
John Moore NJ7E

***************
*** 2857,2862 ****
- --- 3145,3173 ----

------------------------------------------------------------------

+ Kevin Muenzler WB5RUE
+
+ wb5rue@amsat.org
+
+ 126 Hickory Circle
+ Floresville, TX 78114
+
+ * Antennas
+ * Batteries
+ * Morse Code
+ * DX
+ * HF
+ * Homebrewing
+ * IBM PC's
+ * Novice/Tech Instruction
+ * Power Supplies
+ * QRP
+ * RFI
+ * Scouting
+
+
+ ------------------------------------------------------------------
+
Terry Muncey WB5OAS

tsm@flash.net
***************
*** 2894,2899 ****
- --- 3205,3222 ----
- N -

------------------------------------------------------------------

+ Scott Neader KA9FOX
+
+ neader@centuryinter.net
+
```

+ CONTESTERS AND DX'ERS WORLD-WIDE WEB PAGE:
+
+ http://www.qth.com/ka9fox/
+
+ (Featuring recent contest scores, summaries of discussion on most of
+ the contesting and DX-related mailing lists, and more.)
+ --
+
Lyndon Nerenberg VE7TCP, VE6BBM

lyndon@ve7tcp.ampr.org
****
*** 2903,2914 ****
systems (with an emphasis on networking, E-mail, etc.). My current
concentration is on writing UNIX based tools (e.g. software for
logging, antenna design, propagation analysis) that can be shared
! throughout the ham community. I also maintain the ve7tcp.ampr.org
! server. This system hosts a variety of ham-radio related mailing lists
! as well as a comprehensive World-Wide Web site and FTP archive, and
! was one of the first Internet servers dedicated to ham radio. The
! system is also a hub site for the ampr.* newsgroups. Information on
! the mailing lists offered can be had by sending an e-mail message to:

listserv@ve7tcp.ampr.org

- --- 3226,3241 ----
systems (with an emphasis on networking, E-mail, etc.). My current
concentration is on writing UNIX based tools (e.g. software for
logging, antenna design, propagation analysis) that can be shared
! throughout the ham community.
!
! I also maintain the ve7tcp.ampr.org server. This system hosts a
! variety of ham-radio related mailing lists as well as a comprehensive
! World-Wide Web site and FTP archive, and was one of the first Internet
! servers dedicated to ham radio. The system is also a hub site for the
! ampr.* newsgroups.
!
! Information on the mailing lists offered can be had by sending an
! e-mail message to:

listserv@ve7tcp.ampr.org

****
*** 3100,3113 ****
- P -

! W. David (Dave) Paperman WQ5Y

wpaperman@msmail.his.tch.tmc.edu

! P.O. Box 7039
! Cut 'n Shoot, TX 77303-0039

(H) +1 713 592-8636 (6pm to 9:30pm Central Time)
(W) +1 713 770-1836 (6:30am to 3:30pm Central Time)

I have a collection of service information and literature dating back
to the 1920's. I will be happy to assist those needing copies of
- --- 3427,3442 ----
- P -

! William D. (Dave) Paperman WQ5Y

+ wpaperman@juno.com
wpaperman@msmail.his.tch.tmc.edu

! P.O. Box 7306
! Cut 'n Shoot, TX 77303-0306
(H) +1 713 592-8636 (6pm to 9:30pm Central Time)
(W) +1 713 770-1836 (6:30am to 3:30pm Central Time)
+ (FAX/Modem) +1 713 593-2688

I have a collection of service information and literature dating back
to the 1920's. I will be happy to assist those needing copies of
****
*** 3115,3132 ****
receivers, transmitters, test equipment, etc..

The collection spans commercial, amateur, and military surplus gear of
! all types. Unfortunately I have not taken the time to catalog all this
! information, but it is logically filed by make, model, etc.

If you need service information for a specific piece of equipment,
(and I have the information in my collection) I will research and copy
it for you. Cost will vary depending on the time required to find the
information and the amount of pages to be copied. I estimate 10 pages
or less at $1.00 US/page including US postage. I will quote on larger
! manuals.

This is NOT my career or a business. Any requests must be prepaid or I
will ship COD at additional postage costs.

Antenen Pascal HB9IIB
- --- 3444,3472 ----
receivers, transmitters, test equipment, etc..

The collection spans commercial, amateur, and military surplus gear of
! all types. Unfortunately I have not yet taken the time to catalog all
! this information (soon), but it is logically filed by make, model,
! etc.

If you need service information for a specific piece of equipment,
(and I have the information in my collection) I will research and copy
it for you. Cost will vary depending on the time required to find the
information and the amount of pages to be copied. I estimate 10 pages

or less at $1.00 US/page including US postage. I will quote on larger
! manuals. Note that I am not in the business of selling the manuals
! themselves.

This is NOT my career or a business. Any requests must be prepaid or I
will ship COD at additional postage costs.
+
+ Other areas of expertise:
+
+ * ARES/RACES
+ * Novice/Tech Instruction
+ * RFI
+ * Volunteer Examiner Programs
+
+

Antenen Pascal HB9IIB
****
*** 3209,3214 ****
- --- 3549,3573 ----
contact David Engel at david@ods.com.]

+ Randall (Randy) Phillips N2BQV
+
+ rlphillips@gnn.com
+
+ http://members.gnn.com/rlphillips/n2bqv.htm
+
+ 4768 Syracuse Road
+ Cazenovia, NY 13035
+
+ * Licensed since 1967
+ * Primary interest is Amateur Television (ATV)
+ * Have repeater site on property with 158-foot tall tower and two
+ repeaters
+
+ Member, Quarter Century Wireless Association (QCWA)
+
+ (see also Jim Walsh)
+ ---
+
Ken Pulfer VE3PU

jkpulfer@rac.ca
****
*** 3273,3278 ****
- --- 3632,3651 ----
+1 520 445-8472

+ Ronaldo (Rony) Reis PS7AB
+
+ ps7ab@digi.com.br
+
+ Natal City, Brazil
+
+ BRAZIL HAM WORLD-WIDE WEB PAGE:
+
+ http://www.digi.com.br/users/brazil/ps7ab.html
+
+ (Featuring a wide variety of information about amateur radio and
+ shortwave listening in Brazil.)
+ --
+
Peter Reynolds KE4ABD

****
*** 3653,3658 ****
- --- 4026,4048 ----
in the Subject.

+ Jimmie B. Shelton KT4FQ
+
+ jshelton@sprynet.com
+ n5laejs@aol.com
+
+ Voice: +1 615 431-7573
+ Modem: +1 615 431-4081
+
+ 2329 Pendleton Dr.
+ Clarksville, TN 37042
+
+ * Antennas
+ * Field Day
+
+
+ --
+
Philip A. Shelton N6DZH

pas@west.net
****
*** 3715,3720 ****
- --- 4105,4169 ----
http://www.mindspring.com/~ko4ta/alarm.html

+ Rein Smit W6/PA0ZN
+
+ rein0zn@ix.netcom.com
+

+ EARTH-MOON-EARTH (EME) AND SEARCH FOR EXTRATERRESTRIAL INTELLIGENCE (SETI)
+ WORLD-WIDE WEB PAGE:
+
+ http://www.nitehawk.com/rasmit/
+ --
+
+ Bill Sohl K2UNK
+
+ billsohl@planet.net
+
+ +1 201 691-8116
+
+ Budd Lake, New Jersey
+
+ ARRL LOCAL GOVERNMENT LIAISON
+
+ Other areas of expertise:
+
+ * Apple Macintosh
+ * Batteries
+ * Internet Services
+ * Scouting (Radio Merit Badge Counselor)
+ * Seminars/Lectures
+ * VHF
+ * Zoning Ordinances Related to Antenna Towers
+
+
+ --
+
+ Keith Sproul WU2Z
+
+
+ Keith Sproul Ham Radio: WU2Z
+ Student Housing Network Coordinator ksproul@noc.rutgers.edu
+ Rutgers University Computing Service +1 908 445-3695 Work +1 908 445-2968 Fax
+ http://www-ns.rutgers.edu/~ksproul +1 908 821-4828 Home
+
+ North Brunswick, New Jersey
+
+ AUTOMATED POSITION REPORTING SYSTEM (APRS)
+
+ (See also Mark Sproul)
+ --
+
+ Mark Sproul KB2ICI
+
+ sproul@ap.org
+
+ North Brunswick, New Jersey
+

+ AUTOMATED POSITION REPORTING SYSTEM (APRS) WORLD-WIDE WEB PAGE:
+
+ http://aprs.rutgers.edu/APRS/
+ --
+
Terry Stader KA8SCP/1

AMERICA ONLINE HAM RADIO CLUB HOST
****
*** 3943,3948 ****
- --- 4392,4409 ----
Macintosh.

+ Markku Toijala OH2BQZ
+
+ mto@spider.compart.fi
+
+ FINNISH AMATEUR RADIO LEAGUE (SRAL) WORLD-WIDE WEB PAGE:
+
+ http://www.sral.fi/
+
+ Please direct all submissions, feedback, and administrivia regarding
+ SRAL and its WWW page to hq@sral.fi.
+ --
+
Michael Tracy KC1SX

****
*** 4027,4057 ****
year-old economy HF rigs, particularly the Kenwood TS-520.

- - Paul Turvey G1PJJ
- -
- -
- - Paul Turvey, G1PJJ | Internet: paul@topsy.demon.co.uk
- - | Amprnet: paul@g1pjj.ampr.org
- - | AX25: G1PJJ@GB7ZAA.#34.GBR.EU
- -
- - MAINTAINER OF THE UK.RADIO.AMATEUR FAQ
- -
- - Available from:
- -
- - ftp://ftp.demon.co.uk/pub/ham/uk-radio-amateur-faq
- -
- - PKZIP'ed version available from:
- -
- - ftp://ftp.demon.co.uk/pub/ham/uk-radio-amateur-faq.zip
- -
- - And for WWW users:

- -
- - http://www.mcc.ac.uk/OtherPages/uk-radio-amateur.html
- -
- - Please direct all FAQ submissions, feedback, and administrivia to
- - ukfaq@topsy.demon.co.uk.
- - ____
- -
Dr. Simon Twigger AA9PW, G1SNT

- --- 4488,4493 ----
****
*** 4170,4175 ****
- --- 4606,4626 ----
The Netherlands
____

+ Peter Vekinis KC1QF, EI4GV, SV0GV
+
+ peter.vekinis@dg3.cec.be
+
+ http://www.ellada.com/ham/kc1qf.html
+
+ PICOSAT SYSTEM WORLD-WIDE WEB PAGE:
+
+ http://www.cordis.lu/esprit/src/picosat.htm
+
+ (The Picosat System will consist of a constellation of very tiny, 15
+ cm cube, low-earth-orbit amateur satellites accessible by low-power
+ handheld VHF radios.)
+ ____
+
Charles R. (Chip) Veres WB4OQN

veresc@mail.firn.edu
****
*** 4228,4233 ****
- --- 4679,4695 ----
above. If you administer a ham-related Web site, QCWA would appreciate
a Link from your page. We're 12,000-strong -- worldwide -- and
growing! Come join us!
+ ____
+
+ John Wendt WA6BFH
+
+ wireless@cyberg8t.com
+
+ FOUNDER, TECH BENCH ELMERS AMATEUR RADIO SOCIETY
+
+ (Devoted to homebrewing and technical amateur radio in general)
+
+ (See also Bob Goldman)

Paul Whatton G4DCV

- --
73, Paul W. Schleck, KD3FU

pschleck@gonix.com (personal mail)
elmers-request@gonix.com (Elmers List administrivia)

-----BEGIN PGP SIGNATURE-----
Version: 2.6.2

iQCVAwUBMgUqtCROYYq72ea1AQHYpwP+PlMKGXSF6xyCOy9rvns6AT35rpAb/NdU
eTKkK7EerGkm9HBtZhcgOtZrj9hII06RXB4dfHyVFmOYPmX6q7J7ZOhbmJxsYd1v
cOkZu4d4t4ugZW0RftYRGvmRfGGo2JkvSXOtKR7PPR4yB5WrJWDdroPQ8jztzO/L
ex3N3RdpITs=
=t3ht
-----END PGP SIGNATURE-----

374. Amateur Radio: Elmers List Geographic Quick-Search Index

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: pschleck@gonix.com
Message-ID: <radio/ham-radio/elmers/index/geographic-1-839232010@gonix.com>
Source record: 219512
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

Posted-By: auto-faq 3.3 beta (Perl 5.002)
Archive-name: radio/ham-radio/elmers/index/geographic
Posting-Frequency: posted on the first Monday of each month
URL: http://www.gonix.com/pschleck/elmers/

-----BEGIN PGP SIGNED MESSAGE-----

AMATEUR RADIO: ELMERS LIST GEOGRAPHIC QUICK-SEARCH INDEX

(Note: This index only lists Elmers with explicit geographic
information in their entries.)

AUSTRALIA

* Cheeseman
* Dawson (Sydney)
* Hosking (Perth)

BRAZIL

* Reis (Natal City)

CANADA

ALBERTA
* Salyzyn (Edmonton)

BRITISH COLUMBIA
* Nerenberg (Prince George)

ONTARIO
* DeWolf (Braeside)
* Gilhuly (Arnprior)
* Pulfer (Kingston)

FINLAND

* Toijala

GERMANY

* Elmers (Hamburg)
* Gapinski (Dettenheim)

ITALY

* Bertolino
* Zurn (Ispra)

JAPAN

* Kumagai (Tokyo)

NETHERLANDS

* Bruinsma (Amsterdam)
* Reynolds (The Hague)
* van Vliet (Delft)

NEW ZEALAND

* Andrews

PHILIPPINES

* Lao (Olongapo City)

SWITZERLAND

* Pascal

UNITED KINGDOM

* Brothwell
* Gathergood
* Gilliver
* Pawson
* Stockton

UNITED STATES

ARIZONA
* Carruth (Phoenix)
* Dodell
* Halle (Phoenix)
* Lloyd (Scottsdale)
* Meredith (Phoenix)
* Moore (Scottsdale)
* Nielsen (Tuscon)
* Reeves (Prescott)
* Rose

ARKANSAS
* Gray (Searcy)

CALIFORNIA
* Ammar (Monterey)
* Angus (Gardena/Los Angeles)
* Cira (Los Angeles)
* Douglas (Sacramento)
* French (Palo Alto)
* Glago (San Francisco)

* Goldberg (Huntington Beach)
* Larson (Palo Alto)
* Martz (Bay Area)
* Shelton, P (Santa Barbara)
* Stillinger (Edwards AFB)
* Turner (Irvine)
* van De Kerk (Santa Ana)
* Wilkins (Berkeley)

COLORADO
* Elmore (Longmont)
* Huntting (Boulder)
* Knauer (Westminster)
* Myers (Ft. Collins)
* Standerfer (Loveland)

CONNECTICUT
* Bauer (Newington)
* Bloom (Newington)
* Cartier (Middletown)
* Hare (Newington)
* Jahnke (Newington)
* Lau (Newington)
* Tracy (Newington)

DENIAL
* Nobody

FLORIDA
* Goldstein
* Graham (Ft. Walton Beach)
* Redding (Palm Beach)
* Veres (Miami)

GEORGIA
* Anthony (Sautee)
* Coffman (Lawrenceville/Atlanta)
* Humphries (Atlanta)
* Merritt (Griffin)

ILLINOIS
* Leynes (Chicago)
* Taylor (Mahomet/Urbana/Champaign)

IOWA
* Buelow (Cedar Rapids)
* Madsen (Ames)

MAINE
* Ingerson

MARYLAND
* Edwards (College Park)

* Leadmon (Baltimore)

MASSACHUSETTS
* Ardai (Boston)
* Bellville (Millbury)
* Chilton (Marlborough)
* Ehrlich
* Halbert (West Newton/Boston)
* Langner (Chelmsford)
* Sefranek (Shirley)
* Stader (Westford)
* Vail (Billerica)

MISSOURI
* Deutschmann (Creve Coeur/St. Louis)

NEBRASKA
* Schleck (Bellevue/Omaha)

NEW HAMPSHIRE
* Bono (Derry)
* Seney (Manchester)

NEW JERSEY
* Sohl (Budd Lake)
* Sproul, K (North Brunswick)
* Sproul, M (North Brunswick)

NEW YORK
* Coletti (New York City)
* Kohnen (Penfield/Rochester)
* Phillips (Cazenovia)
* Schwartz (New York City)
* Yee (Brooklyn)

NORTH CAROLINA
* Hammill (Raleigh)
* Keys (Raleigh)
* Williams

OHIO
* Ackermann (Dayton)
* Schliesser (Dayton)

OREGON
* Roth (Portland)
* Walsh (Eugene)

PENNSYLVANIA
* Colwell (Pittsburgh)
* DePolo (Philadelphia)
* de Volpi (New Cumberland)
* Rymell (Bloomsburg)

TENNESSEE
* Cebik (Knoxville)
* Hill (Brentwood)
* Ornitz (Kingsport)
* Shelton, J (Clarksville)

TEXAS
* Chahine (El Paso)
* Gilbert (Huntsville)
* Killebrew (Houston)
* Maia (Dallas)
* Morgan (Temple)
* Muenzler (Floresville)
* Paperman (Cut 'n Shoot)
* Wier

WASHINGTON
* Crick (Bellevue)
* Salnick (Spokane)

WISCONSIN
* Twigger (Millwaukee)

-----BEGIN PGP SIGNATURE-----
Version: 2.6.2

iQCVAwUBMgUqoSROYYq72ea1AQFAJQP/bje5VlNwkETmsePI5NX1RASpHeJ9SLvC
6oDoAb163IjW66+/4KpFFxI2FHm/+UhkfIJeSUieXmxIR1ZJf/Ne51Zgq0DRECJw
AzxoH4bKBPDymCr699Ggrwx+6mBeR3KNsDVnbxio53EGf8T2wd1co/mlZFLD6sX5
tdigtIfkpFo=
=G+0H
-----END PGP SIGNATURE-----

375. Amateur Radio: Elmers Resource Directory [A-F]

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: pschleck@gonix.com
Message-ID: <radio/ham-radio/elmers/list/part1-1-839232017@gonix.com>
Source record: 219513
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

Posted-By: auto-faq 3.3 beta (Perl 5.002)
Archive-name: radio/ham-radio/elmers/list/part1
Posting-Frequency: posted on the first Monday of each month
URL: http://www.gonix.com/pschleck/elmers/

-----BEGIN PGP SIGNED MESSAGE-----

AMATEUR RADIO: ELMERS RESOURCE DIRECTORY

More information about this list can be found in the companion posting
to this file, "Amateur Radio: Elmers List Info and Administrivia."

73, Paul, KD3FU

- A -

John Ackermann AG9V

jra@lawdept.daytonOH.ncr.com -or- jra@ag9v.ampr.org

My primary interests are in packet radio network building
(particularly higher speed stuff) and TCP/IP. I've got quite a lot of
info on using the Kantronics D4-10 19.2kB radios, as that's the
hardware we've been struggling with here.

TAPR (Tuscon Amateur Packet Radio) has formed a special interest group
to discuss issues of regional packet networking (Net-SIG). As a
result, the TAPR net-sig mailing list was born, and is now ready for
operation.

This list is <not> intended to replace any of the existing
packet-related mailing lists. Its purpose is provide a medium for
communications among those interested in packet radio networking, both
dealing with technical issues and political/regulatory ones. We'll
discuss things like how the potential 219MHz band will fit into the
networking picture, how to link areas using different networking
schemes, how to set network parameters, etc. The list's charter will
be posted there regularly.

The address of the list is net-sig@tapr.org and you can subscribe by
sending mail to listserv@tapr.org with the text "join netsig".

Apart from subscribing to the list, you can contact me for further
details about the Net-SIG (including upcoming conferences).

JOINT AMPR.ORG IP COORDINATOR FOR OHIO SUBNET (44.070.XXX.XXX)

Please direct all correspondence regarding the assignment of ampr.org IP numbers in Ohio to:

ipaddr@ag9v.ampr.org

which is a mailing list read by a team of coordinators.

(see also Tony Schliesser)

[Editor's note: All ampr.org coordinators are listed in the document at:

ftp://ftp.ucsd.edu/hamradio/amprnets

]

Chuck Adams K5FO

adams@sgi.com

MAINTAINER OF STANDARDIZED INFO SHEETS ON QRP RIGS

They are available from the QRP-L WWW Pages at:

* http://qrp.cc.nd.edu/QRP-L/index.html
* http://www.lehigh.edu/lists/Archives/qrp-l/ (on or after June 1, 1995)

OWNER OF QRP-L MAILING LIST

The QRP mailing list is open for discussion of any subjects relating to low-power amateur radio operation. Example topics: portable operation, equipment design and construction, solar and battery power, QRPp, contesting, kit building, etc.

This list was started by me with an announcement on the rec.radio.amateur.misc USENET group in early 1993. Bruce Walker, WT1M, maintained the mailing lists and FTP area from then through August 1994 on a system at Thinking Machines Inc., think.com. Then it was moved to qrp-l@netcom.com until May 14th, 1995. Thanks to Mike Ardai, N1IST, for all his hard work during the time that QRP-L was on netcom.com.

I am still the keeper of the non-electronic archives, including copies of some schematics, etc. Contact me directly or watch this list for more info.

To subscribe, send E-mail to:

listserv@lehigh.edu

and in the body of the message, write:

SUBSCRIBE QRP-L your_name your_call

where "your_name" is your real name, and "your_call" is your callsign, if any. For example:

SUBSCRIBE QRP-L John Doe K5FJZ

A welcome message with more detailed help will follow shortly.

To unsubscribe, type:

UNSUBSCRIBE QRP-L

Edward Addy KE0EG

eaddy@nacec.org

EXECUTIVE DIRECTOR, NORTH AMERICAN CENTER FOR EMERGENCY COMMUNICATIONS

After a large disaster strikes your community and your family, I am sure you will agree that its a little late to start building a massive rapid response, emergency communications system supported by thousands of people within companies, organizations and serving as volunteers to provide essential support services.

We are the North American Center For Emergency Communications Inc. (NACEC), a federally-registered non-profit organization serving North America since 1992. We have been developing a system that merges many different technologies to create a unique, high-capacity, rapidly-deployable solution to the problem of communications outages and shortages that occur following a large disaster. Our volunteer network in using the Internet as its communications backbone, is itself using one of the many technologies employed in NACEC's overall solution.

To help ensure the greatest possible effectiveness in as many communities as possible throughout North America, we are developing a very large volunteer network of community volunteers (Community Ambassadors) who work with our staff and their local communities. If you are community active and are interested in helping, we need your help, NOW. Please, don't wait until disaster strikes, help us to be prepared and be ready to assist your community.

The more communities that are represented by our volunteer network, the more effective we can be in disaster preparedness, emergency operations and in the area of emergency and military family message handling and delivery.

As a NACEC volunteer (Community Ambassador) you will assist with the movement of information that is vital to the continued success and growth of this organization and the survivability of your family and your community following a large disaster.

This project is growing rapidly, as we locate and add new dedicated volunteers from as many communities as possible from across North America. I hope you will join us in making this organization a

success.

To find out more about how you can get involved in this project and use your Internet skills to help your community, please review the information that is in our WWW Homepage area which can be found at:

http://www.nacec.org/

An electronic volunteer application form can also be found there as well. Should you have any questions, please address them to my E-mail address above.

Steven C. Affens K3SA

k3sa@access.digex.net

http://www.access.digex.net/~k3sa/steve.html

MAINTAINER OF THE CQ MAGAZINE WORLD-WIDE WEB HOME PAGE:

http://www.access.digex.net/~cqmag/

(see also Rich Moseson)

David Alexander KG7ZQ, NNN0IID

dalex@eskimo.com

NAVY MARS

Ali Ammar KE6YCJ

ali@redshift.com
ali@juno.com

AX.25: KE6YCJ@K6LY.#CENCA.CA.US.NOAM

Voice: +1 408 373-2526
FAX/Modem: +1 408 373-2534

898 Laine Street
Monterey, CA 93940

* ARES
* Batteries
* Field Day
* IBM PC's
* Internet Services
* Portable
* Scouting
* VHF

David Andrews ZL2SX

andres@kai.ee.cit.ac.nz

I have been involved with the Amateur Radio International Travel Host scheme. I also chair the NZART Frequency Management and Technical Advisory Group, which is responsible for all repeater coordination and band-planning (LF, MF, HF, VHF, UHF, and above) in New Zealand. I would be pleased to answer any queries with regard to reciprocal licensing or frequency coordination that may arise.

Jeff Angus WA6FWI

jangus@skyld.grendel.com

I run NOS as a tcp/ip <--> AX.25 mail bbs gateway. I also run a few nodes, And, I have successfully installed UUPC/extended 1.11k and SNEWS for those MS-DOS afficionados out there. SCO UNIX, Win95 networking information available.

AMPR.ORG IP COORDINATOR FOR CALIFORNIA - LOS ANGELES COUNTY (44.016.XXX.XXX)

Hardware, software and wetware questions answered either with correct answers or the name of someone who does know.

J. Angus, 15900 Crenshaw Blvd. Suite G533 Gardena, CA 90249-4832.
Phone numbers: +1 310 887-8545 pager or +1 310 287-0618 voice.

[Editor's note: All ampr.org coordinators are listed in the document at:

ftp://ftp.ucsd.edu/hamradio/amprnets

]

John C. Anthony K4PCA

anth2ga@stc.net

Voice: +1 706 878-2940
FAX: +1 706 878 3498

132 Covered Bridge Rd.
Sautee, GA 30571

* Antennas
* Antique and Older Equipment
* Novice/Tech Instruction

Mike Ardai N1IST

n1ist@netcom.com

BOSTON AMATEUR RADIO CLUB WEBMASTER

http://www.barc.org/barc.html

MAINTAINER OF THE FOLLOWING BOSTON AMATEUR RADIO CLUB MAILING LISTS:

* newsline-list (Amateur Radio Newsline)
* letter-list (ARRL Letter)
* ky1n-list (KY1N VEC listing, Local Eastern MA VE sessions)
* barc-list (Boston Amateur Radio Club mailing list)
* barc-races (RACES in Eastern MA and Roy Engelhausen's CA posts)
* fieldorg-l (ARRL Field organization discussions)
* ham-tech (Untamed technical discussions about the hobby)
* fox-list (Fox hunting (Radio direction finding))
* arrl-exam-list (amateur radio license examinations scheduled in the US and in some foreign areas.)
* arrl-ve-list (ARRL VE Announcements, run by ARRL VEC Bart Jahnke)
* arrl-nediv-list (Announcements from the director of the ARRL NE division)

To join any or all of the above:

Send a message to:

majordomo@netcom.com

In the body of the message, type:

subscribe list_you_want

Since there appears to be no hope that Netcom will ever improve its mailing list services, w1aw-list has been moved to a server down at ARRL headquarters. See Jeff Bauer's entry for more information if you wish to continue to receive W1AW bulletins.

There is no need to unsubscribe from the Netcom list. I'll take care of that myself.

Thanks again for your support and patience with my w1aw-list over the years. Note that this change will not affect any of the other ham-radio related lists at Netcom.

- B -

Jeff Bauer WA1MBK

jbauer@arrl.org

American Radio Releay League
225 Main Street
Newington, CT 06111-1494
+1 860 594-0208

FAX: +1 860 594-0299

MANAGER AND CHIEF OPERATOR, ARRL HEADQUARTERS STATION W1AW

OWNER OF W1AW-LIST ARRL BULLETIN MAILING LIST

To subscribe, send E-mail to:

w1aw-list-request@arrl.org

with the following in the subject (not the body) of the message:

subscribe user@host.com

where user@host.com is your E-mail address. To unsubscribe, send:

unsubscribe user@host.com

For information about the ARRL info server, send E-mail to
info@arrl.org with the word "HELP" in the message body.

See Cheyenne Greatorex's entry for information about the ARRL
Anonymous FTP Archive and David Newkirk's entry for information about
the ARRL World-Wide Web Home Page.

Please direct any other inquiries to my E-mail address above.

Rob Bellville N1NTE

Rob's cobWeb Page

Rob Bellville, N1NTE | <bellvill@bellville.ultranet.com>
PO Box 515 | Got an old PC or Mac? Millbury Schools
Millbury, MA 01527 | are looking for donations dead or alive!

Technical Supervisor, Millbury Public Schools
Computer Technology and Radio Communications Consultant
*** World-Wide Web Creation Services - Business and Individual ***

---

* Experience:
+ Computer Networking Hardware Technical Engineer (Yuck!)
+ Computer Education and Technology Consultant (PC/Mac HW & SW)
+ K-12 Computer Educator/Instructor/Technician in a public
school
+ Two-way Radio Consultant
+ NetRead(tm) author (Articles via Internet)

* Interests:
+ VHF/UHF simplex
+ Duplex and simplex repeaters
+ Remote Bases
+ 6M - AM/SSB/FM
+ 2M - AM/SSB/FM/Packet

+ 440 MHz FM
+ Would try 1.2GHz if there was any local activity!
+ VHF/UHF QRP
+ Fixing radios old and new
+ Setting up a packet radio file server (ROSErver)
+ Internet - Usenet newsgroups, FTP, etc...
+ Scanners, SWL, and making CB radio useful again
+ PC and Mac computers - hardware and software
+ Communications for neighborhood crime watches
+ Caching radio equipment for that *special* occasion

I also maintain the following radio-related Web pages:

Scanner:
http://www.ultranet.com/~bellvill/scanner.html

Ham Radio:
http://www.ultranet.com/~bellvill/ham.html

CB Radio:
http://www.ultranet.com/~bellvill/cb.html

Please feel free to contact me either by E-mail or US Mail. Will be
happy to share the knowledge!

Maurizio Bertolino

I121171 Maurizio Bertolino - Short Wave Listener - Italy
SWL Manager of A.R.I. (Italian Amateur Radio Association)
Sysop of Trance *free* BBS in Italy +39-11-482751 28,8 bps
E-mail:I121171@amsat.org JRC-NRD535 Kenwood R5000 AOR3000A

425 DX NEWS Weekly Bulletin WWW PAGE (NEW SITE!!!)

- ------->> http://promet12.cineca.it/htdx/index.html <<---------

NEWS, INFO, RUMORS, DXPEDITIONS, IOTA ACTIVITIES and more

DX CALENDAR, WABA AWARD (rules & scores) now available

in English Version and Italian Version

Same server of the IK4LZH site for QSL MANAGERS.

I am an IOTA chaser, I work DX and I join contests. Actually I'm in
love with RS sats and DOVE telemetry. I'm the Shortwave Listening
(SWL) coordinator of the Italian Amateur Radio Association and I have
a regular SWL page in their official magazine Radio Rivista. Recently
I joined the 425 gang that produces the 425 DX News bulletin. I
translate it into English and send it to many DXers via E-Mail. I also
maintain a WWW page to provide the bulletins graphically with previous
numbers and more to come. I've been an SWL since 1974 when I received
a receiver as gift from my parents. Now I'm 36 and I'm running also a

free BBS devoted to HAM/SWL.

Jon Bloom KE3Z

Jon Bloom, KE3Z | jbloom@arrl.org
American Radio Relay League | Justice is being allowed to do whatever
225 Main St. | I like. Injustice is whatever prevents
Newington, CT 06111 | my doing so. -- Samuel Johnson

QEX EDITOR

DIGITAL SIGNAL PROCESSING (DSP)

COLLECTING INFORMATION FOR THE NEXT ANNUAL ARRL COMPUTER NETWORKING CONFERENCE:

http://www.tapr.org/tapr/html/dccconf.html

For information about the ARRL info server, send E-mail to info@arrl.org with the word "HELP" in the message body.

See Cheyenne Greatorex's entry for information about the ARRL Anonymous FTP Archive and David Newkirk's entry for information about the ARRL World-Wide Web Home Page.

Rich Bono NM1D

Rich Bono NM1D Internet: rbono@nectech.com
+1 508 635-6300 nm1d@aol.com

AUTHOR OF THE FOLLOWING MS-DOS HAM PROGRAMS:

* AutoExam - Examination simulator and study aid
* AutoCW - Morse Code practice program
* DOSGATE - allows users to run programs on your PC remotely (AutoExam compatible)
* AutoCall - Allows use of the Buckmaster HAMCALL CDROM online callbook with DOSGATE
* AutoFax - Allows reception of weather fax using Kantronics TNC's
* SeeSats - Real time satellite tracking (text only), DOSGATE compatible

Most of these programs are available via anonymous FTP from:

* ftp://oak.oakland.edu/SimTel/msdos/hamradio/
* ftp://wuarchive.wustl.edu/systems/msdos/msdos/hamradio/

or write me at:

7 Redfield Circle
Derry, NH 03038

and enclose:

* A FORMATTED high density diskette (either 1.44 MB or 1.2 MB; 3.5"
or 5.25").
* A Self Addressed STAMPED return diskette mailer.
* A note explaining that you want a copy of AutoExam and/or AutoCW
(or one of the other programs).

I am always receptive to individuals interested in maintenance,
enhancements, and non-commercial distribution for these shareware
programs.

Devon Bowen KA2NRC

bowen@olsen.ch

MAINTAINER OF THE REC.RADIO.AMATEUR.* SUPPLEMENTAL ARCHIVES AVAILABLE FROM:

ftp://ftp.cs.buffalo.edu/pub/ham-radio/

MAINTAINER OF THE INTERNET HAM RADIO CALLBOOK SERVER AT:

telnet://callsign.cs.buffalo.edu:2000/

For further information about the Callbook Server, please consult the
server's help facility, the rec.radio.amateur.misc FAQ, or additional
server documentation at:

ftp://ftp.cs.buffalo.edu/pub/ham-radio/faq_callsign

Well, I've been talking about it for years. Those of you that have
talked with me via E-mail know that. But this time I've actually
started on my rewrite of the callsign server at Buffalo. And I've
finally got a design that I'm happy with. The new searching
capabilities are going to be *much* improved over the current system.
I'll be getting rid of the bugs in the current telnet system and
making it available to more people. Also coming is a WWW front-end for
web surfers. Time to step into the 90s.

Part of the rewrite is an entire reorganization of the database
look-up system. The old system was very specific to the FCC database
format because that's all that was available when it was written (yes,
the server is very, very old). But now there are a number of databases
floating around the net for different countries and I am rewriting the
system to be more flexible and to accommodate a variety of formats and
search types.

In doing so, I'll have the ability to add data for many more
countries. That is, of course, if I have the data. In order to do this
I need help. I need to get in touch with all people that have access
to databases from countries other than the US. The more up-to-date
these databases are, the better. If you have access to a database and
would be willing to donate a copy to the callsign server for everyone
to use, please contact me. A lot of people would genuinely appreciate
it.

The callsign server has become remarkably popular on the net and this has happened because the community has contributed so much to it over the many years it's been running. I have heard stories of reunions with old classmates, stories of silent-keys that have been remembered, and stories from blind hams doing simple look-ups of other hams, all possible because of the server. Congratulations to the community for making this system so useful.

Work on this project has been delayed such that its completion time is somewhere in the indefinite future. In the meantime you can access the current server.

Please direct all other feedback, submissions and administrivia regarding these services to my E-mail address above.

John M. Brewer WB5OAU

John M. Brewer WB5OAU "there's a reason the reset button
johnmb@nando.net on a PC is on the front panel."

WIRE ANTENNAS, RESTORATION, OPERATION AND PARTS/TUBES SUPPLIES FOR MOST 40'S-70'S VINTAGE GEAR.

ANTIQUE AND OLDER EQUIPMENT WORLD-WIDE WEB PAGE:

http://www.zynet.com/~johnb/

Ian Brothwell G4EAN

ibx@cs.nott.ac.uk
AX.25: G4EAN@GB7BAD

SECRETARY, BRITISH AMATEUR RADIO TELEDATA GROUP (BARTG)

(an organization for radioteletype (RTTY) and similar modes)

BARTG WORLD-WIDE WEB (WWW) HOME PAGE:

http://cs.nott.ac.uk/~ibx/BARTG/

(may move to another location in Summer 1996)

BARTG ANONYMOUS FTP SITE:

ftp://ftp.cs.nott.ac.uk/bartg/

Most of the information is about BARTG itself, but you'll also find the GB2ATG news and BARTG contest info.

Alan Brubaker K6XO

alan@es.com

* HF Antenna Systems
* Contest Operating
* General HF Operations
* Propagation

Tom Bruhns K7ITM

tomb@lsid.hp.com

* Electronic Circuits
* Antennas and Transmission Lines

My electronics expertise is mostly analog, but I have some insights into DSP applications that can do better in what used to be the analog dominions. I can be of the most help with low-frequency analog stuff, particularly measurements and low-level/low-noise/low-distortion applications. I breadboard with IC's, discretes, and surface mounts (which I prefer to use now, as surface mounting requires less drilling of PCB boards once they are etched). My electrical engineering education (Ph.D.) emphasized control systems. I also have a clear understanding of transmission line measurements and behavior (a personal research interest for the last 25 years or so).

Pieter J. T. Bruinsma PA0PHB

pieth@nikhef.nl

AX.25: PA0PHB@PI8WNO.EU

http://www.nikhefk.nikhef.nl/~pieth/

Voice: +31 20 5922057
FAX: +31 20 5922165

P.O. Box 4395
1009 AJ
Amsterdam
the Netherlands

MEMBER, PUBLIC RELATIONS COMMITTEE, DUTCH NATIONAL RADIO SOCIETY (VERON)

VERON WORLD-WIDE WEB PAGE:

http://www.nikhefk.nikhef.nl/~pieth/veron/

BOARD MEMBER, WOERDEN CHAPTER OF VERON

WOERDEN CHAPTER WORLD-WIDE WEB PAGE:

http://www.nikhefk.nikhef.nl/~pieth/pi4wno.htm

Barry Buelow WA0RJT

Barry Buelow WA0RJT Packet BBS in Cedar Rapids, IA
barry@ia.net WA0RJT@WA0RJT.IA.USA.NOAM

The Tuscon Amateur Packet Radio (TAPR) Bulletin Board Special Interest Group (BBSSIG) is sponsoring a working group to generate and distribute a series of information bulletins which will serve to instruct packet radio users in a variety of areas. These bulletins will be distributed via the packet network and can be retained at each BBS in a file area. An index will be provided to allow users to find information they desire.

If you are interested in actively participating in this effort and can work on a collaborative effort, please speak up. Send a message to my E-mail address above.

[Editor's Note: As this project is still very much a work in progress, and its eventual products will certainly be made available via several information sources (including the Internet) as soon as they are completed, I'm sure Barry would appreciate it if only serious volunteer contributors contacted him at this time.]

- C -

Rusty Carruth N7IKQ

Rusty Carruth aka N7IKQ aka rusty@indirect.com (NIC: RC541)

The Phoenix Linux User's group has formed! Details: me.
Join the Usenet Un-Net: 1700-1900Z Saturdays, 28.410 or 28.390 MHz

I'm willing to act as a reference for anyone wanting info on getting tapes (especially Callsign tapes) from the Department of Commerce National Technical Information Service (NTIS) or wanting other info on callsign-project related stuff.

One of these days I'll actually be around for the un-net! I promise, really!

My job is currently System Administrator for a large Unix site so I know a little bit about day-to-day Unix operations and Unix installation :-) I also have much experience with constructing E-mail paths that will work rather than bounce.

I also have a fair amount of experience in hardware/software interfacing and machine control.

Rob Cartier KD1JG, AAR1FU

robcartier@aol.com
rob.cartier@snet.com
rob.cartier@juno.com

AX.25: KD1JG@W1EDH.CT.USA.NOAM
MARS AX.25: AAR1FU@AT1TCT.CT.RGN1.CONUS.NOAM

112 Fieldbrook Road
Middletown, CT 06457-1756
+1 203 771-7027 Work
+1 203 632-9055 Home

CONNECTICUT DIRECTOR FOR EMERGENCY OPERATIONS, ARMY MARS

I also run a full-service MSYS BBS and have close ties with the other
services in my state.

L. B. Cebik W4RNL

L. B. Cebik, W4RNL /\ /\ * / / / (Off) +1 615 974-7215
1434 High Mesa Drive / \/ \/\ ----/\--- (Hm) +1 615 938-6335
Knoxville, Tennessee /\ \ \ \ / / || / (FAX) +1 615 974-3509
37938-4443 USA / \ \ \ \ || cebik@utkvx.utk.edu

MAINTAINER OF LIST OF PERIODICALS OF INTEREST TO QRP ENTHUSIASTS, ELECTRONICS
BOOKS OF INTEREST TO QRP ENTHUSIASTS, AND ANTENNA BOOKS OF INTEREST TO QRP
ENTHUSIASTS

Available from the QRP-L WWW Page at:

http://qrp.cc.nd.edu/QRP-L/index.html

Since QRP-L has moved to lehigh.edu, the articles will also appear at
this address on or about June 1, 1995:

http://www.lehigh.edu/lists/Archives/qrp-l/

(Note: the "A" in Archives is capitalized.)

Please direct all submissions, feedback, and administrivia for these
articles to my E-mail address above.

10-X INTERNATIONAL WORLD-WIDE WEB PAGE:

http://www.lehigh.edu/lists/tenten-l/

10-X INTERNATIONAL MAILING LIST:

To subscribe, send E-mail to:

listserv@lehigh.edu

and in the body of the message, write:

SUBSCRIBE tenten-l your_name your_call

where "your_name" is your real name, and "your_call" is your callsign,
if any. For example:

SUBSCRIBE tenten-l John Doe K5FJZ

A welcome message with more detailed help will follow shortly.

To unsubscribe, type:

UNSUBSCRIBE tenten-l

(10-X International is an amateur radio organization devoted to encouraging the use of the 10 Meter, or 28 MHz, amateur band. They are primarily known for their "10-X" numbers which members exchange during communications on that band.)

I serve as an Educational Advisor to ARRL and hence fall within the loose bounds of their field organization. I know something of the fundamentals in electronics, having written the current Chapter 6 of the 1995 ARRL Handbook, and something of antennas, with a series appearing in Communications Quarterly. I serve on the Board of Directors of 10-X International and maintain memberships in most of the QRP organizations, as well as the Quarter Century Wireless Association (QCWA). As to what I do not know, there are no limits.

I also know something of the craft of technical writing and editing, being director of Techwright, an occasional consulting operation in this field with my wife, Jean, N4TZP, who has been a technical editor and writer since 1980.

James A. Chahine AC5AK

NYXdePARIS@aol.com
kari@utep.edu

+1 915 532-4575

2509 N. Kansas
El Paso, TX 79902

* Antennas
* Morse Code
* Digital Signal Processing (DSP)
* Mobile/Portable/Field Day

Mark Cheeseman VK2XGK

cheese@asstdc.com.au

MAINTAINER OF THE AUS.RADIO FAQ

A copy of the FAQ may be obtained from:

ftp://grivel.une.edu.au/pub/ham-radio/aus.radio/faq/australia

Please direct all feedback, submissions and administrivia to my E-mail address above.

Ken Chilton KA1TIH

53 Alan Road
Marlborough, MA 01752
chilton@emc.com
Design Engineer

* Amateur Qualifications:
+ Trustee of the Algonquin Amateur Radio Club Repeaters:
446.675 -- 223.86 -- 53.47
+ Assistant Radio Officer for the City of Marlborough Emergency
Management Agency
+ NESMC Region 440 MHz frequency coordinator
+ Trained in Electronics Engineering, Electrical Engineering,
Computer Sciences, Computer Programming, and Management
+ Knowledgeable in Rules, Regs, and interpretations

* Areas I am also interested:
+ Homebrewing
+ Repeater Hardware, Control, Operation
+ Packet (AX.25)
+ Net Control Operations
+ Electromagnetics and EMP
+ HF SSB and CW operating
+ Satellite and Shuttle operation
+ Amateur Television
+ Elmering new HAMs

Brian Cieslak AE9K

bcieslak@mkelan5.remnet.ab.com

RADIO SCOUTING MERIT BADGE ADVISOR

FIELD DAY OPERATIONS

(Our club, the W/K ARC, has finished first in Wisconsin in the 2A
Category for the last 10 years.)

Chris Cieslak AA9HD

ccieslak@ais.net
ccieslak@uiuc.edu

http://www.uiuc.edu/ph/www/ccieslak/

* Antennas
* Batteries
* Commercial Equipment
* Morse Code
* DX
* Field Day

* HF
* Homebrewing
* IBM PC
* Internet Services
* Mobile
* Novice/Tech Instruction
* Packet Radio
* Portable
* Power Supplies
* QRP
* Repeaters
* SSTV
* Volunteer Examiner Programs (information about sessions)

Joe Cira KB6AXK

kb6axk@ix.netcom.com

ARRL AFFILIATED CLUB COORDINATOR (ACC) FOR LOS ANGELES, CALIFORNIA

SYSOP OF HAM*INFO*LINK*SOURCE*BBS

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* Newsletters
* Bulletins
* Shareware
* Equipment Modifications
* Test Question Pools
* VE exam and class lists for all of Southern California
* and much more...

Gary Coffman KE4ZV

Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

GRAPES 56 KBAUD PACKET RADIO MODEMS

I'm not an official representative of the Georgia Radio Amateur Packet
Enthusiasts Society (GRAPES), but I am in contact with them, and have

experience using their 56 kBaud radio modems. At the very least, I can forward requests I can't handle to the proper people.

The Proceedings of the 6th Computer Networking Conference has a paper by WA4DSY explaining the theory and practice of the 56 kBaud radio modem. (I think it's the 6th, I don't have my copy handy.)

GRAPES furnishes instructions for modifying a TNC2 to drive the modem, but there are better solutions. The Ottawa PI card and the Gracilis PacketTwin card are two good solutions. Of course they are PC bus cards. If you need standalone capability, the Kantronics Data Engine can handle it, as can the incredible Gracilis PacketTen. PacComm claims their new Sprint TNC can, too (PacComm now also manufactures the Gracilis cards under license and you can get them either from them or from Gracilis direct).

WA4DSY has interfaced raw telco codecs to the modems and done "digital voice" while mobile. It works quite well.

If you want information on the RF modem (full document sets are $20 US, creditable towards a later order) write to GRAPES at

GRAPES, Inc
PO Box 636
Griffin, GA 30224-0636

GRAPES is a volunteer networking organization. There's no phone number, and turnaround on info requests may be slower than when dealing with commercial outfits. Please cut the volunteers a little slack.

(see also Bob Merritt)

Derrick C. Cole KC4WEJ

dcc@ssds.com

I'm a Network/Systems Analyst with a national systems integration firm. My professional fortes are UNIX-based system administration, sendmail, TCP/IP-based ethernet network engineering, network systems security (including firewalls), and programming (primarily Perl and C).

I've had notable success dealing with issues surrounding PC's, DOS, Windows and various applications/protocol stacks, including PC-NFS and LAN Workplace.

I'm still clueless in the electrical/circuit department.

Steve Coletti

< ^^>
< "Big Steve" Coletti >

< Shortwave Listener, Ex-Broadcaster, Computer Consultant >
< Internet: bigsteve@dorsai.org ==== S.COLETTI2@genie.geis.com >
< Notice: We no longer have a Fidonet Netmail address. >
< US Mail: P.O. Box 396, New York, NY 10002 >
< Fax Weekdays/Voice Weekends: +1 212 995-2637 >
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RELAYER OF AMATEUR RADIO NEWSLINE BULLETINS

Amateur Radio Newsline is produced as an audio service by Newsline, a service of the Westlink Radio Network. The transcribed version is produced by Dale Cary, WD0AKO from materials provided by Newsline, and is jointly distributed to online services and bulletin board networks by Steve Coletti and Dale Cary.

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Editorial comment, news items and all other business should be directed to

Bill Pasternak, WA6ITF, Newsline's Producer and Editor-In-Chief.
E-Mail - 3241437@mcimail.com or BILLWA6ITF@aol.com
Phone/Fax - +1 805 296-7180, fax senders wait for voice prompt.

Text Version information:

* BBS Networks: RIME - RO mail to Steve Coletti, ->35 Others - Steve Coletti (within the conference)
* Online Services: America Online - tstader@aol.com (Terry Stader, Sysop) or wd0ako@rrnet.com (Dale Cary) Compuserve, Delphi, Genie - wd0ako@rrnet.com
~~~~~~

* Usenet: news:rec.radio.info - david@stat.com (David Dodell, Moderator)
* File Requests: FidoNet users can Freq the latest edition of NEWSLINE from Joe Brown, KB2NBN 1:2625/111 or ftp://oak.oakland.edu/ - n1qzs@magrathea.com (Cheyenne Greatorex, Boston ARC - librarian)
* Internet E-Mail: Send mail to listserv@netcom.com with the following commands in the body of the message (the subject is ignored) To subscribe:

subscribe newsline-list

To unsubscribe:

unsubscribe newsline-list

For more information:

help

* World-Wide Web: Coming soon.

Manual mailing lists are also maintained by bigsteve@dorsai.org for individual subscribers and by wd0ako@rrnet.com for BBS's and radio clubs that redistribute Newsline.

Richard R. (Rich) Colwell WA3QKX

Richard R. Colwell WA3QKX
University of Pittsburgh President
School of Engineering Greater Pittsburgh VHF Society (WA3BAK/R)
664 Benedum Hall Link Communication Controller RLC-3 User
Pittsburgh, PA 15227 146.610MHz - 444.950MHz + 223.980MHz - 145.330MHz
PHONE - +1 412 624-9820 rrc2@engrng.pitt.edu
FAX - +1 412 624-9831

WEB - http://www.engrng.pitt.edu/~rrc2/
* ** * * * * * * * * * ** * * * * * *

MAINTAINER OF ADVANCED COMPUTER CONTROLS (ACC) AND LINK MAILING LISTS

The ACC list has approximately 60 members at this time. I am trying to restrict the list to only ACC users (control people) and owners. The list is also supported by the new owner of all the rights to ACC, Link Communications. I am also running the Link repeater controller list server. It has approximately 90 members at this time.

The way to join the list server is to send me a short E-mail and tell me what equipment you are using.

(Note: I have no ties to Link Communications or ACC. I started the Link list first and found how useful it is. I had a lot of requests to start the ACC list and did it.)

LINK COMMUNICATIONS WORLD-WIDE WEB HOME PAGE:

http://www.link-comm.com/linkcomm/

Mike Cook AF9Y

mwcook@cris.com

EARTH-MOON-EARTH (EME) AND WEAK SIGNAL WORLD-WIDE WEB PAGE:

http://www.webcom.com/af9y/

(I'm not able to do much elmering beyond answering the questions generated by my Web page. You can certainly E-mail me for further information about EME, but with the 30+ E-mail messages received a day, my responses will be limited.)

William (Bill) Coyle N3OGH

wcoyle@iss.dccc.edu

AX.25: N3OGH@AA3CH.EPA.USA.NA

My primary experience is with HF communications, particularly with the Kenwood TS-830S and TS-940/AT. My preferred mode is CW, although I also use SSB. I have had experience with light service on both rigs (including the internal antenna tuner on the 940 and the tube finals on the 830). I have the service manual for the 940.

I am particularly interested in helping new hams design and set up HF stations with multi-band wire antenna arrays.

Other than HF, I am also involved in VHF and UHF, particularly 2 meters, and have recently gotten involved in packet radio (having gained some experience on the hardware end of setting up such a station).

Michael Crick

mica@crick.com

Bellevue, WA

http://crick.com/mica/

I design and write software. I have written a top of the line Ham Radio training program for Windows called "Ham University". You can download a free demo copy from my web site.

I also helped write Microsoft Windows. I am not a ham operator but more of a web nut (I was part of the group at BBN that developed the ARPANET back in 1967). However, in designing Ham University, I got a lot of expert advice. I think it will meet many people's training needs.

Jon Currie KC5UGK

jon@jedi.net

http://www.jedi.net/jon/

* IBM PC & Clones
+ mostly DOS, Windows 3.x & 95, and Linux.
+ hardware knowledge (I work at a computer company)
* Internet Services (Mail/FTP/WWW)

- D -

Matthew A. (Matt) D Alessio KC6VIM

mattd@branson.org -- send here first, please!
mdaless@ocf.berkeley.edu

I cannot claim to be an expert in any field, but I did participate in SAREX as the project coordinator for our school (The Branson School) in the STS-64 mission. I will be happy to help anybody else who is interested in any and all aspects of the SAREX project. I also know a little bit about UNIX administration, but I find myself asking questions more often than answering them.

I am a high school senior, so my real area of expertise is getting young people involved in ham radio. I was a speaker at the Dayton HamVention Youth Forum, and am active in recruiting in my local community.

Terry Dawson VK2KTJ

terry@perf.no.itg.telecom.com.au
terry@albert.vk2ktj.ampr.org

MAINTAINER OF THE LINUX HAM AND AX.25 HOWTO'S

Available from:

http://sunsite.unc.edu/mdw/HOWTO/HAM-HOWTO.html

http://sunsite.unc.edu/mdw/HOWTO/AX25-HOWTO.html

Please direct any feedback, submissions, or administrivia regarding these resources to my E-mail address above.

I've been an active Linux advocate since it first appeared on the Internet. I was looking for an operating system that would better meet the needs of my interest in Amateur Radio and provide me with an environment in which I could actively experiment and develop. Linux

provides that and I've been promoting its use within Amateur Radio
ever since.

I'm an early contributing member of the Linux Documentation Project,
and you'll find the amassed works for it at:

http://sunsite.unc.edu/mdw/

AMPR.ORG IP COORDINATOR FOR SYDNEY, AUSTRALIA METROPOLITAN AREA SUBNET
(44.136.XXX.XXX)

(I'm also the co-administrator of the Sydney University of Technology
Internet/ampr.org gateway.)

I'm happy to assist with information relating to:
* Linux, especially when related to Amateur Radio.
* Amateur Radio Internet Gateways

Jeff DePolo WN3A

- -=-
Jeff DePolo WN3A Twisted Pair: H:+1 610 337-7383 W:+1 215 387-3059 x300
depolo@eniac.seas.upenn.edu RF: 442.1 442.2 442.4 443.8 link system PL 131.8
Claim to Fame: I got the first speeding ticket on the information superhighway

* Technical Director, University of Pennsylvania ARC
* Sponsor/Owner, University of Pennsylvania Linked Repeater System
* VE Team Leader, University of Pennsylvania ARC VE Team
* Database Manager, Area Repeater Coordination Council of EPA/SNJ

Memberships:
ARRL, UPenn ARC, Holmesburg ARC, NEAR-FAR ARC, Mt. Airy VHF
Society (Packrats), Mid-Atlantic Radio Club

Main interests:
VHF/UHF repeater design, construction, networking, servicing.
VHF/UHF weak signal, design and construction, antenna design.
Propagation, anything homebrew, HF DX, VHF/UHF contesting,
Land-mobile radio communications equipment, digital hardware
and software design.

* Volunteer Examiner
* VHF/UHF Weak Signal and FM
* College Clubs
* Repeater design, construction, repair, coordination
* General Homebrewing
* Antenna design/theory

Gary V. Deutschmann, Sr. N0ZOI

raiar@inlink.com

AX.25: N0ZOI@K0PFX.#STL.MO.USA.NA

12341 Promenade Ln.
Creve Coeur, MO 63146-5057

I am the US National Coordinator for RAIAR, Radio Amateurs International Awards Registry, we have over 78,000 registered members and just over 2,500 general members, plus lifers and charters also.

RAIAR only deals with the VHF/UHF spectrum for its awards, plus SWL on all bands.

I am ready to help any interested individual obtain his Novice or Tech ticket, as well as teach him the ins and outs of VHF Packet.

Our radio club holds classes for those inclined to advance to General and above.

Pete deVolpi KC3TL

amsoft@epix.net

AmSoft
PO Box 666
New Cumberland, PA 17070-3036
Voice: +1 717 938-8249
FAX: +1 717 938-6767

A mailing list for product announcements from AmSoft, publishers of the "World of Ham Radio" CDROM software and callsign database for amateur radio, is available. To subscribe, contact me at my E-mail address above.

THE WWW SITE FOR THE "WORLD OF HAM RADIO" IS:

http://hamster.business.uwo.ca/~amsoft/

Peter DeWolf VE3YYY

whisper@igs.net

RR #1
Braeside, ON K0A 1G0
Canada

+1 613 623-5914

* Frequency Coordinator for the St. Lawrence Valley Repeater Council (http://www.igs.net/slvrc/)
* Industry (Communications) Canada Designated Examiner
* Class Instructor for Ottawa Valley
* Syndicated Columnist on Internet matters.
* Past President of the Champlain Regional Repeater Association.

SPECIFIC INTERESTS AND AREAS I MAY BE OF ASSISTANCE:

* Canadian Radio Regulations
* Repeater Linking
* Examinations for Canadian Licenses
* SWL's
* Club media relations

(used to operate as VP1BCX, V3X, and currently also hold V31FS)

Please feel free to contact me if you require more information.

David Dodell WB7TPY, AFA6GB

Internet: david@stat.com FAX: +1 602 451-6135
Bitnet: ATW1H@ASUACAD FidoNet=> 1:114/15
Amateur Packet ax25: WB7TPY@WB7TPY.AZ.USA.NA

MEMBER, USAF MARS

AMPR.ORG IP COORDINATOR FOR ARIZONA SUBNET (44.124.XXX.XXX)

[Editor's Note: All ampr.org coordinators are listed in the document at:

ftp://ftp.ucsd.edu/hamradio/amprnets

]

OWNER OF THE LAND-MOBILE-RADIO MAILING LIST

The purpose of this list is to allow discussion about commercial land-mobile radio equipment, its use and maintenance.

OWNER OF THE MILITARY AFFILIATE RADIO SERVICE (MARS) MEMBERS MAILING LIST.

The purpose of this list is to allow discussion about MARS (Military Affiliated Radio Service) activities. The list is open to all branches of MARS.

To subscribe to or unsubscribe from either of the above lists, please send electronic mail to:

listserv@stat.com

and include the command:

subscribe list-name

or

unsubscribe list-name

as the first line of your message, where list-name is either land-mobile-radio or mars-list. An acknowledgement/welcome message should follow very shortly.

MODERATOR OF REC.RADIO.INFO NEWSGROUP:

news:rec.radio.info

Please direct all rec.radio.info submissions to
rec-radio-info@stat.com and all feedback and administrivia to
rec-radio-request@stat.com.

Stephen Douglas K6HZT

k6hzt@dfsystems.com

DF SYSTEMS WORLD-WIDE WEB PAGE:

http://www.dfsystems.com/

P.O. Box 246925
Sacramento, California 95824-6925

Specializing in:

* Amateur Radio
* Radio Direction Finding (DF)
* Doppler DF
* Surplus Electronics and Communications Equipment

Norm Drechsel WA3KEY

wa3key@fast.net

http://www.users.fast.net/~wa3key/

VIRTUAL COLLINS RADIO MUSEUM WORLD-WIDE WEB PAGE:

http://www.users.fast.net/~wa3key/collins.html

(Features virtual "exhibits" of Collins radio equipment, as well as
quite a few links to Collins clubs, parts dealers, and other related
technical information.)

- E -

Thomas Edwards N3HAU

tedwards@eng.umd.edu

http://w3eax.umd.edu/thomas.html

* Technopagan Priest
* Member, University of Maryland ARA - W3EAX

* Digital Signal Processing (DSP)
* Electrical and Electronics Engineering

The UMARA is running a World-Wide Web hypertext page at:

http://w3eax.umd.edu/w3eax.html

Give it a try!

Scott Ehrlich WY1Z

scott@linedance.com

INTERNETWORKING ASM, EASTERN MASS.

I've played around with Mac and PC hardware, as well as dabbling a
little with DOS, UNIX, and MacOS.

The Boston Amateur Radio Club World-Wide Web Home Page is now
maintained by Mike Ardai. See his entry for more information.

The Boston Amateur Radio Club Anonymous FTP Archives and Ham Radio and
More Home Page are now maintained by Cheyenne Greatorex. See his entry
for more information.

The American Radio Relay League (ARRL) World-Wide Web Home Page has
now moved to ARRL HQ. See David Newkirk's entry for more information.

Joerg Elmers DL2BCD, KD6ZYA

dl2bcd@t-online.de

+49 4022-78066

Beethovenstr. 6
22083 Hamburg, Germany

* Morse Code
* Packet Radio/Digital Networking

Kim Elmore N5OP

Kim Elmore, N5OP
1103 South Gay Drive
Longmont, CO 80501

elmore@brightband.rap.ucar.edu
AX.25: N5OP@WA8ZIA

I'M THE TECHNICAL COORDINATOR FOR THE COLORADO SECTION.

* Areas of expertise:
+ RFI/EMI
+ Antennas
+ DX'ing
+ Contesting
+ HF propagation

+ CW

* Areas where I have enough knowledge to be dangerous:
+ Troubleshooting
+ Traffic Handling
+ Homebrewing and construction practices

Wayne Estes WD5FFH

Wayne_Estes@csg.mot.com

* Amateur Satellites
* Bicycle Mobile HF

I am most knowledgeable about analog satellites, but I would be willing to answer questions about digital satellites and SAREX (I have lots of reference information).

- F -

Robert S. French AC6GO

rfrench@cs.stanford.edu

http://hawg.stanford.edu/~rfrench/

The Stanford Amateur Radio Club, W6YX, will be taking over the Ham-Univ Mailing List for College and University Amateur Radio Clubs, effective immediately.

The new address will be: ham-univ@w6yx.stanford.edu

The old address at the New Jersey Institute of Technology will continue to work for the time-being as a forwarder to the new address.

To subscribe or unsubscribe, send mail to:

ham-univ-request@w6yx.stanford.edu

with the body saying "subscribe" or "unsubscribe".

Current subscribers have been automatically added to the new mailing list.

Please let ham-univ-owner@w6yx.stanford.edu know if there are any problems.

Stanford Amateur Radio Club (W6YX) WWW Page is at:

http://w6yx.stanford.edu/

(Continued in next part.)

```
-----BEGIN PGP SIGNATURE-----
Version: 2.6.2

iQCVAwUBMgUqzyROYYq72ea1AQH/jwQAhQdRwvR1bex7GFUHyf9hyoiV4Rn8dkud
GJsk4dY/Q1QFr07w7ShzuBp5WROBzjiBn2t72V7NCyDsvQh1rXvt/Z5PFyfr4arD
x/PZDcqdbTmi5lydbvnwl/NroNPOksWYFLK0GO7SBL9QLdfRoDBt6+OkY6jq4AS2
dA+ImV2TTvQ=
=0OG8
-----END PGP SIGNATURE-----
```

376. Amateur Radio: Elmers Resource Directory [G-N]

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: pschleck@gonix.com
Message-ID: <radio/ham-radio/elmers/list/part2-1-839232022@gonix.com>
Source record: 219514
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

Posted-By: auto-faq 3.3 beta (Perl 5.002)
Archive-name: radio/ham-radio/elmers/list/part2
Posting-Frequency: posted on the first Monday of each month
URL: http://www.gonix.com/pschleck/elmers/

-----BEGIN PGP SIGNED MESSAGE-----

(Continued from previous part.)

- G -

Bernie Gapinski DK3ZT, AB7IY

gap@ilk.de
AX.25: DK3XT@DB0GE.#SAR.DEU.EU

+49 07255-20604

Nelkenweg 7 76706 Dettenheim Germany

http://www.ilk.de/sites/gap/

VHF/UHF

Mike Gathergood G4KFK

mike@g4kfk.demon.co.uk

Tel +44 01753 582085
Fax +44 01753 592726

SYSOP, THE CQ CENTRE BBS

+44 01753 595468 and +44 01753 593524

Fidonet 2:252/320

Hundreds of Megabytes of Quality Software for Radio Amateurs and SWLs

---

Paul Gilbert KE5ZW

{~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~|~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~}
{ | Do Not Be Afraid Of Any Man }

{ Paul Gilbert, KE5ZW | No Matter What His Size }
{ Huntsville, TX 77340 | Just Call On Me In Time Of Need.. }
{ +1 409 291-9532 | And I Will Equalize! }
{ vis_pfg@pip.shsu.edu | Samuel E. Colt }
{ | 1838 }
{ | }
~~~~~~

STATE FREQUENCY COORDINATOR, TEXAS VHF-FM SOCIETY

(We do the repeater coordinating in Texas.)

I have done HF, Satellites, VHF/UHF, and been in amateur radio for 10
years. I don't know it all, but through my contacts I can find someone
that can usually answer most of the questions.

I also know of several other coordinators in the US and have contacts
through the ARRL and a BBS.

Brian Gilhuly VE3BGB

Brian Gilhuly VE3BGB Author of KENTROL, the ultimate in
rig control/logging/memory mgmt software
brian@synapse.net for Kenwood HF rigs and MS Windows
CompuServe: 73257,3131
Tel/fax: +1 613 623-9735 Kentrol Web Page:
http://www.synapse.net/~kentrol/
76 McDonald Street S Kentrol FTP Site:
Arnprior ON K7S 2W5 Canada ftp://ftp.synapse.net/private/k/kentrol/

Kentrol is a Windows 3x control program for Kenwood HF transceivers
and the R-5000 receiver, which has built-in logging and memory-
management capabilities. Since its introduction in 1991, Kentrol has
set the standard for Windows-based rig automation, and new features
continue to be added regularly. SkedMan is an automated sked manager
for Kentrol. Enter schedule data, set alarms, and when an alarm goes
off, SkedMan uses - even launches - Kentrol to tune it in.

Kentrol and SkedMan are shareware, so if you haven't tried them, you
are most welcome to do so.

J. P. (John) Gilliver G6JPG

g6jpg@soft255.demon.co.uk
AX.25: G6JPG@GB7NNA.GBR.EU

DIGITAL SIGNAL PROCESSING

COMPUTING AND ELECTRONICS FOR THE BLIND (INCLUDING RADIO)

Eran Glago KD6KVO
~~~~~~

glago@aol.com

I am into public service, and also ARES/RACES. I am the Emergency Coordinator for both organizations in Sonoma Valley, Sonoma county, San Francisco Section of California.

We do ARES and RACES as one program here, and actually lean more towards RACES because the government entities are so supportive.

I like to encourage newer hams to participate in the events for which I coordinate the communications. It's ideal training for emergency services, and it's fun, too. Codeless Technicians who can't participate on most HF NTS traffic nets have a real role to play here, as we generally use VHF and UHF, and these amateurs are instrumental with their enthusiasm in filling the rosters.

It's also sometimes a good initiator for those new hams who are self-conscious talking with other, experienced hams one-on-one, but are OK talking formally to a net control station. Similarly, I try to encourage those new hams who became hams so they could talk to their ham spouses, and all you ever hear them do is talk to their spouses and to no-one else. While that's perfectly OK in and of itself, public service is a good way to break out of that mold and get more fun from radio while really helping out.

Kathy Goerg

kgoerg@webblabs.com

WEBB LABORATORIES RF/MICROWAVE CAE WORLD-WIDE WEB PAGE:

http://www.webblabs.com/

(Featuring information about receiver engineering, structure synthesis, and active filter design.)

Mel Goldberg KO6TF

scoutradio@scout.net

ASSISTANT SCOUTMASTER, TROOP 319 & WEBMASTER ADVISOR

SCOUTRADIO WORLD-WIDE WEB PAGE:

http://scout.net/ScoutRadio/

ScoutRadio is a "good turn project" of Troop 319, Huntington Beach, California USA. Our goal is to promote amateur radio in Scouting, including past & present Scouts & Scouters, and being prepared with ham radio, helping community and country.

Current Projects:
* National Hurricane Center
* Jamboree-on-the-Air (JOTA) Matchmaking Hams with Troops

* Scout Discounts on Ham Equipment
* Donation of old Handheld Transceivers (HT's) to Troops

Officially ARRL approved as the JOTA info site.

Learn how to stay in touch on long backpack trips.

Robert F. (Bob) Goldman K6BD

bgoldman@mail.microsys.net
AX.25: K6BD@W6TJ.#SOCA.CA.USA.NOAM

http://www.geocities.com/SiliconValley/4333/

+1 909 780-3217

I am always open to Elmering....anyone is welcome to contact me.

TECH BENCH ELMERS AMATEUR RADIO SOCIETY

(Devoted to homebrewing and technical amateur radio in general)

TECH BENCH ELMERS WORLD-WIDE WEB PAGE:

http://www.geocities.com/SiliconValley/2775/

Howard Goldstein N2WX

Howard Goldstein | "Civilization is the distance man | hg@n2wx.ampr.org
N2WX | has placed between himself and | CIS:75006,702
| his excreta" Aldiss |
http://www.tapr.org/~n2wx/
"What doesn't kill me makes me stronger" Lisa

WROTE AND MAINTAIN TAPR TNC-2 FIRMWARE (AND SOME CLONES)
" " " TAPR AND PACKET RADIO WWW HOME PAGES
ACTIVE ON CW (NCS FOR FRI. FLORIDA SECTION NET "QFN") AND PACKET NTS
ARRL VOLUNTEER COUNSEL (FLORIDA _ONLY_)

PACKET RADIO AND TAPR ARE ON THE WORLD-WIDE-WEB!

* http://www.tapr.org/tapr/html/pkthome.html
* http://www.tapr.org/tapr/

What's here? A page of links (the Home Page), the TAPR Home Page, a
page of Packet Pioneers and Contacts, a hypertext packet primer and
FAQ, and more.

We seek: more packet-specific links to add and any comments and
suggestions on how to make the series more useful. All ideas welcome,
please send them to my E-mail address above.

Jim Graham N5IAL

73 DE N5IAL (/4) MiSTie #49997 < Running Linux 1.0.9 >
jim@n5ial.mythical.com ICBM: 30.23N 86.32W
|| j.graham@ieee.org Packet: --OFFLINE-- (Ft. Walton Beach, FL)
E-mail me for information about KAMterm (host mode for Kantronics TNCs).

KAMterm is a host mode terminal program for Kantronics TNCs that I
wrote and released as shareware.

My professional field is telecom (data communications is my key area
of expertise).

I also have experience with wire HF antennas for apartments and other
small spaces.

Roger Gray AB5QS

rwgray@sea.ar.ispnet.com
AX.25: AB5QS@KB5DBI.AR.US.NA

+1 501 729-5489

P.O. Box 166
Searcy, AR 72145-0166

* ARES (Arkansas Section)
* Antennas
* Commercial Equipment
* HF/Contesting/DX
* Homebrewing
* IBM PC
* Internet Services
* 160 Meters
* Mobile/Portable/Field Day
* Novice/Tech Instruction
* Packet Radio
* Power Supplies
* RFI
* Repeaters
* VHF/UHF
* Volunteer Examiner (ARRL VEC and Area Team Liaison)

Cheyenne T. Greatorex N1QZS

n1qzs@magrathea.com

http://www.magrathea.com/~ctg/

I co-maintain the Boston Amateur Radio Club anonymous FTP file
archives with Phil Temples, K9HI (phil@temples.com).

A sampling of the archives include:

A VIRTUALLY COMPLETE ARCHIVE OF ALL ARRL BULLETINS SINCE 1992 IS AVAILABLE AT:

ftp://ftp.barc.org/pub/hamradio/barc/w1aw-list/

A MIRROR OF ALL FILES AVAILABLE FROM THE ARRL INFO SERVER IS ALSO AVAILABLE:

ftp://ftp.barc.org/pub/hamradio/arrl/infoserv/

THE ARRL INFOSERVER MIRROR HAS FCC PART 97 (U.S. AMATEUR RADIO SERVICE RULES AND REGULATIONS) AT:

ftp://ftp.barc.org/pub/hamradio/arrl/infoserv/rib/part97.txt

PROGRAMS MENTIONED IN QST ARE IN:

ftp://ftp.barc.org/pub/hamradio/arrl/qst-binaries/

AMATEUR RADIO NEWSLINE IS NOW ALSO BEING ARCHIVED, TOO:

ftp://ftp.barc.org/pub/hamradio/docs/newsline/

MACINTOSH AMATEUR RADIO SOFTWARE ARCHIVE:

ftp://ftp.barc.org/pub/hamradio/mac/

HAM RADIO AND MORE, THE RADIO SHOW CARRIED LIVE EVERY SUNDAY (6PM - 7PM EST) ON THE TALK AMERICA RADIO NETWORK, NOW HAS A WORLD-WIDE WEB HOME PAGE:

http://www.barc.org/barc/ham-more/ham-more.html

Please direct any feedback, submissions, or administrivia regarding these resources to my E-mail address above.

Ken Gunton WB6QWF

kenny@erinet.com

MICROWAVE COMPONENTS WORLD-WIDE WEB PAGE:

http://www.erinet.com/kenny/microwave.html

It changes from time to time, so stop back often! Don't see the component you want? Just call, fax your spec, or e-mail and attach your drawing or spec for a quick quote at BIG savings.

My company, Techlock Distributing, sells RF and microwave components of many different types. I own the company, and it's a small, one-man operation. While I don't sell Ham equipment per se, I have sold some dividers, etc. to hams for their use.

Allan (Al) Gutstadt KF9RA, NNN0VMA

nnn0vma@bluemarble.net

NAVY/MARINE CORPS. MARS

- H -

Dan Halbert KB1RT

halbert@world.std.com

QTH: West Newton, MA, near Boston.

* Building homebrew QRP gear.
* Information about QRP-NE Club.
* Advice on simple antennas.

Doug Hall KF4KL

doughall@nando.net

JPS COMMUNICATIONS, INC.

For those interested, JPS Communications, makers of DSP noise filters
and other radio-related products, has a page on the WWW. The URL is:

http://emporium.turnpike.net/J/JPS/jps.html

Also, I'm in the process of collecting links to pages relating to uses
of DSP in amateur radio. If you know of some, I'd appreciate hearing
about them. There are a lot of people experimenting with new
modulation schemes, voice compression, noise reduction, DSP IF
techniques, and lots of other interesting applications. I'm planning
to add a page with links to this information, so keep an eye out for
it, and if you have something to share, please drop me a line.

Lance Halle KC7FVX

lanceh@crl.com

I will be glad to field questions in the following areas:

DFing
Local interference committee chairman

OO questions
Phoenix area Official Observer Coordinator

BSA Merit badge
Advisor of Ham Radio Explorer Post

Just let me know what all you need and I'll do what I can.

News of local enforcement actions and FCC Notices of Apparent
Liability (NAL) may be found on the WWW page of the Arizona Repeater
Association (of which I am a member):

http://www.indirect.com/www/ara/

Brian Hammill KD4BFJ

- ----------
Brian Hammill, KD4BFJ | brianh@dante.exide.com
Software Engineer | Exide Electronics - Small Systems Group
Raleigh, NC | "Powering Your Network with Intelligent Solutions"
- ----------

I am especially interested in VHF/UHF and microwave amateur bands as
well as Amateur television. I am treasurer and a founding member of
the newly-formed Triangle Amateur Television Association in
Raleigh-Durham- Chapel Hill, NC. I am willing to share my expertise in
the following areas:

* ATV - Getting started, starting local activity, repeaters.
* VHF/UHF - Propagation, what you need to get started, operating
portable, contesting, weak signals, and DX.
* Sealed Lead Acid Batteries - How to take care of them.

Steve Harding KA6ETB

ka6etb@grafex.sbay.org +1 408 252-0578 alternate: harding@nas.nasa.gov
For amateur radio related information, send a message to:
ham-server@grafex.sbay.org
and put "HELP" and/or "GET /HAMRADIO/INDEX.TXT" in the body.

HAM-server is now on a 486 with nearly 70 MB of data. Besides DOS,
there are some UNIX, Mac, and OS/2 files.

Most files have been taken from the various ftp-servers world-wide.
However, there are many programs that have been donated by HAM-server
users.

Submissions welcome. Send to incoming@grafex.sbay.org.

HAM-SERVER WORLD-WIDE WEB HOME PAGE:

http://www.ati.com/hamserv/

Ed Hare KA1CV

Ed Hare, KA1CV | ehare@arrl.org
American Radio Relay League |
225 Main St. |
Newington, CT 06111 |
+1 860 594-0200 - voice
+1 860 594-0259 - FAX

ARRL LABORATORY ENGINEER

* Radio Frequency Interference (RFI) matters
* Equipment Testing

My survey of automotive EMI problems is mostly complete. The results are in September 1994 QST, including warranty and customer service information for most automobile manufacturers (many of whom have published installation guidelines).

I am also continuing to pursue more formal contacts and standards-making through the EMR and EMI Standards Committee of the Society of Automotive Engineers (SAE), of which I am a member.

Copies of General Motors installation guidelines are available. Saturn allegedly has a video on mobile installation, but none of the dealers seem to know about it. I have a call into one of my low friends in high places. :-)

If anyone would like a copy of the GM installation guidelines, send a 9X12" SASE with two units of postage *and* a specific request for the "GM Installation Guidelines" to the ARRL Technical Department Secretary, 225 Main St, Newington, CT 06111. A copy has been reprinted in the ARRL book -- Radio Frequency Interference -- How to Find It and Fix It.

EMI/RFI Resource List and RFI Tips package available. A business SASE with 98 cents postage is appreciated. Please specify the desired documents in your correspondence.

The FCC has released the results of a telephone interference survey just completed.

If you would like a copy of the survey, which includes a list of telephone models checked, send an SASE with two units of first class postage to the Technical Information Service at ARRL HQ. Alternatively, you may obtain an electronic copy from the info server below.

If leakage from your local Cable TV operator is interfering with the Amateur Radio Service, it is in violation of the provisions of Part 76 of the FCC regulations.

I would first direct the problem toward the cable company system engineer or service manager. Chances are the "front-line" people who answer the phone don't know what you are talking about.

If this is not effective, contact me here at ARRL HQ. I can put you in contact with our liaison to the National Cable Telecasters Association. This liaison will help your cable operator understand their responsibilities.

For CATV interference problems in general, I recommend you obtain our Radio Frequency Interference Book. If you are a League Member, you can also get a copy of the ARRL Technical Information Service info package on CATVI -- "EMI/RFI - CATV" by sending a LARGE SASE with 3 stamps on it to the ARRL Technical Department Secretary, 225 Main St, Newington

CT 06111. This package is a reprint of an article I wrote for
Communications Technology -- the Journal of the Society of Cable
Television Engineers. We submitted it to "their" journal because we
felt that it would carry more weight with the cable companies.

If you have any questions after you have read the material, contact me
here at HQ. I can usually get back to you within a few days to offer
some additional help.

Many amateur radio informational documents (including EMI/RFI files)
are also available from the ARRL info server. Send E-mail to
info@arrl.org with the word "HELP" in the message body.

See Cheyenne Greatorex's entry for information about the ARRL
Anonymous FTP Archive and David Newkirk's entry for information about
the ARRL World-Wide Web Home Page.

Jack G.F. Hill W4PPT

Jack, W4PPT/M (75M SSB 2-letter WAS #1657/#1789 -- both from the mobile! ;^)
- ---
Jack GF Hill |Voice: +1 615 459-2636| Ham Call: W4PPT
P. O. Box 1685 |Modem: +1 615 377-5980| Bicycling and SCUBA Diving
Brentwood, TN 37024 |Fax: +1 615 459-0038| Life Member - ARRL
root@jackatak.ThePorch.com - "Plus ca change, plus c'est la meme chose"

MOBILE ANTENNA SYSTEMS AND INSTALLATION (PRIMARILY HF)

* power distribution
* frame grounding
* antenna selection and construction
* mounting the rig
* useful accessories
* Keeping it Simple (avoiding task overload)

I have agreed to provide a new home for the "Boat Anchor" mail list,
with the blessings of Paul Prescott, N1AAC, who took over from Our
Esteemed Founder Jim Lockwood, KM6NK. I have also agreed to take over
the rec.radio.amateur.* Working Group mail list, formerly maintained
by Ian Kluft, KO6YQ. In addition, a new mailing list devoted to
homebrewing tube transmitters and receivers ("Glowbugs," a sort of
intersection between Boatanchors and QRP) has been created.

The mailing list addresses are:

* boatanchors@ThePorch.com (*)
* rra-wg@ThePorch.com
* glowbugs@ThePorch.com

Use these addresses for messages of general interest to the entire
group. Please don't use them to subscribe, change address, etc.

(*) Effective 15 March 1996, the BoatAnchors list went to a subscription-only list, with $12 US per year as "dues" to support the list.

With monthly costs for Net access at $350 US/month and telephone line charges of $50 US plus, we are not getting rich. The fee was set after much consultation and wrangling, and was designed to cover the costs of running the list... and hopefully provide a surplus to upgrade the services we can provide, like better mail delivery, larger archives, etc.

The new automated list manager address is

ListProc@ThePorch.com

Use this for subscribing, unsubscribing, getting archived info, getting the FAQ message, changing your address, etc.

To subscribe, send a message to this address with "subscribe boatanchors <your name>" or "subscribe rra-wg <your name>" Similarly, to unsubscribe, replace "subscribe" with "unsubscribe"

The new list owner address is

ListOwn@jackatak.ThePorch.com

Use this address only when there is a problem which really truly can't be resolved otherwise.

Richard Hosking VK6BRO

richardh@iinet.net.au

PERTH (AUSTRALIA) RADIO EXPERIMENTERS GROUP WORLD-WIDE WEB PAGE:

http://www.iinet.net.au/~richardh/

(Featuring information about homebrewing and electronics design.)

Ed Humphries N5RCK

Ed Humphries Hewlett-Packard NARC Atlanta GA
N5RCK Internet edh@hpuerca.atl.hp.com

PAST PRESIDENT, WILLIAMSON COUNTY (TX) ARC

FORMER ASSISTANT EMERGENCY COORDINATOR FOR WILLIAMSON COUNTY ARES/RACES

2-meter FM, VHF Antennas, Mobile Installations Organizing Amateur Radio Seminars and Programs Multiband wire antennas, Field Day Activities and general WeatherNet & public service enthusiast

---

Stan Huntting KF0IA

stan@mutadv.com

4655 Pleasant Ridge Rd.
Boulder, CO 80301-1731
USA

FAX: +1 303 444 2314

KAWIN WORLD-WIDE WEB HOME PAGE:

http://www.mutadv.com/kawin/

KaWin(c) supports multiple host mode Kantronics(r) TNCs in all HF and VHF modes in MS Windows(R). Download the fully functional KaWin program from the KaWin WWW home page.

- I -

Michael Ihry AC5CT

mihry@topher.net

+1 903 883-3789

AREAS OF EXPERTISE:

* Electronics in General
* Antennas
* Towers
* CW to 20 Meters
* Computers and Computer Programming

Carl Ingerson N1DXM, NNN0HLC

cingersn@bdam.win.net

NAVY/MARINE CORPS. (NAVMARCORPS) MARS

(Maine Area of Region ONE)

AMPR.ORG IP COORDINATOR FOR MAINE SUBNET (44.118.XXX.XXX)

I can get just about any answer needed for TCP/IP, if I don't know it myself. I have a close friend who will know the answer (he doesn't have E-mail access).

I am more than glad to offer my assistance. Being up here in the "sticks," I remember how difficult it was to find assistance back when I became interested in Amateur Radio.

[Editor's Note: All ampr.org coordinators are listed in the document at:

ftp://ftp.ucsd.edu/hamradio/amprnets

]

- J -

Bart Jahnke KB9NM

```
============================================================
= | ARRL HQ =
= Bart J. Jahnke, KB9NM | Tel: +1 860-594-0300 =
= ARRL/VEC Manager | Fax: +1 860-594-0259 =
= 225 Main St | Internet: vec@arrl.org =
= Newington CT 06111 (USA) | MCI MAIL ID: 653-2312 =
= | =
============================================================
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* Listings of Examination Opportunities -- bi-weekly postings
ftp://rtfm.mit.edu/pub/usenet/rec.radio.amateur.misc/
* Volunteer Examining procedures - ARRL VE Manual
* Support and Instruction for Volunteer Examiners - Coordinating
Exams
* Member, National Conference of VECs Question Pool Committee
* Information on what's required to become an Amateur Radio licensee
* Contributing Editor - QST Magazine - Exam Info column

See the entry for Michael Ardai for information about receiving ARRL VE announcements and examination schedules via E-mail.

See Cheyenne Greatorex's entry for information about the ARRL Anonymous FTP Archive and David Newkirk's entry for information about the ARRL World-Wide Web Home Page.

Tom Job VE3II

ve3ii@bconnex.net

MARITIME MOBILE SERVICE NET (MMSN)

(See also Rene Stiegler)

Robert K. Johnson KD6MQE

rkj@earthlink.net

* Homebrewing
* IBM PC

- K -

Phil Karn KA9Q

karn@unix.ka9q.ampr.org

http://www.qualcomm.com/people/pkarn/

HIGH-PERFORMANCE SOFTWARE MODEM PROJECT

Recently I've been working on a prototype SQPSK (staggered quadrature phase shift keyed) modem for the amateur satellite channel. This modem is implemented totally in software running on a PC with an ordinary (non-DSP) Soundblaster card. It runs at 1200 bps and fits into a SSB transceiver bandwidth.

I've made good progress and have put some info up on my web page about it, including an audio file to show what it sounds like in noise when the signal is still copyable, available from:

http://www.qualcomm.com/people/pkarn/ham.html

Watch that page for an announcement of when I actually release the code, which I plan to integrate into KA9Q NOS.

[Editor's Note: I'm honored by the presence of many advanced-level Elmers in this directory, including Jeffrey Angus, Gary Coffman, and now Phil Karn. Phil has graciously agreed to appear in this directory for the purpose of elmering and technical exchange for the advanced topics listed above. As with all of my Elmers, please respect their time by only seeking assistance from them for the topics under which they are listed. There are many Elmers willing to answer more beginning-level packet radio questions, including basic questions about IBM PC hardware, TCP/IP and NOS. Consult the "IBM PERSONAL COMPUTER (PC) AND CLONES" and "PACKET AND DIGITAL NETWORKING" categories in the Subject Quick-Search Index for a complete list.]

Paul Keezer NX1P

logview@keez.tiac.net

Finally a WWW page has been set up for HamView products, a Windows based Ham Radio program. This page can now be located at:

http://www.tiac.net/users/pkeezer/hamview/

There is an upgrade file right now for Win95, but the bug has only been corrected in Logview 5.0. Come and check us out.

Michael S. Keller AB5EL

71620.447@compuserve.com

Areas of particular knowledge:

* PC-style computers
* Mobile installations (rearranging mobile HF right now)
* Repeaters (after a fashion--building a 1.25m repeater)

R. D. Keys NA4G

Dept. of Crop Science
NCSU
Raleigh, NC 27695-7620

rdkeys@csemail.cropsci.ncsu.edu

de NA4G, "Boat Anchor Bob", an ol' cw fart .....

If I can be of assistance in older equipment, junk-boxing your way to hamdom, the cheapskate's approach, let me know.

22 yrs a ham, extra class, mostly cw, mostly boat anchors and radio in the traditional sense.

{Telegraphy has been in my family for almost 100 years!}

CWISTS FRIDAY NIGHT FIST FUNCTION

Standard time: Friday Nights at MIDNIGHT LOCAL TIME

Standard freq:
80 meters --- 3702.5 kHz for all hands.
40 meters --- 7102.5 kHz alternate, for all hands
(between the heterodynes, someone scout out a better QRG)

Standard calling signal:
CWIST IMI DE <yourcall> K (if there are no control stations calling for you to check in), or, CWIST DE <yourcall> K (if there is a control station inviting checkins) (The alternative check in for those OTs with salt behind the ears is a simple DE to get the control station's ears followed by DE <yourcall> K when the control station acknowledges.)

Note:
A simple informal net style protocol will generally be used, unless no control station assumes control for the evening, in which case it is an open roundtable format discussion group.

Note:
The midnight local time gathering is designed to maximize the number of checkins spread out over the world, so less confusion and more checkins are heard. The hope is that someone will be aboard almost anywhere and be heard at least locally, anywhere in the world.

Definition:
A CWIST is a person with an active interest in the PRACTICE and USE of continuous wave radiotelegraphy as directly is applicable to amateur radio. Such PRACTICE and USE may take the form of learning about radiotelegraphy and its history in amateur/commercial areas, its application to radio telecommunication, the practicing of the art and craft of

radiotelegraphy, and the refining and developing of the
technology of radiotelegraphy.

AUTHOR OF NA4G'S NATIONAL ELECTRICAL CODE FOR HAMS

ABSTRACT

This work was presented as a talk to the Homebrew Special
Interest Group (HB-SIG) of the Raleigh Amateur Radio Society
(RARS), on 15 January, 1991 and was revised for another
presentation on 26 January, 1994.

This document contains excerpts of the National Electrical
Code (NFPA 70-1990) that, in the author's opinion, apply to
the installation of amateur radio equipment as would
commonly be found in most amateur radio stations. Direct
excerpts from the Code are contained within inset
quotations. Paraphrased excerpts from the Code are
itemized. The author's interpretation and discussion of the
Code is set full-width. The author's interpretation and
discussion of various sections of the Code is not meant to
be all-encompassing, nor the official interpretation of the
National Fire Protection Association, nor of any official
governing body having legal authority of jurisdiction over
electrical installations, but is meant to be used as a
teaching tool for amateur radio operators.

For ease of access, the group of files have been 'rolled into one'
both in tar-compress (862K, for Unix jocks) and PKZIP 2.04g (732K, for
MS-DOS users) formats. Both are available from:

ftp://sunsite.unc.edu/pub/academic/agriculture/agronomy/ham/things-to-
build/na4g/

Robert A. Kile KG7D

midnight@accessnv.com

A Current list of Dealers and Manufacturers of Amateur Radio Equipment
in North America is now available on HR Showcase Amateur Radio WWW.
The URL is:

http://www.accessnv.com/hrshow/

The listing will be updated as more come on line. Enjoy!

Brad Killebrew N5LJV

E-mail: n5ljv@uh.edu
E-mail: n5ljv@cet.net
AX.25: N5LJV@F6CNB.#SETX.TX.USA.NOAM

My interests and areas of expertise are

* TNOS Packet Gateway (hougw.ampr.org)
* Unix and Linux systems
* Volunteer Examiner (W5YI #6913 and ARRL/VEC)
* VHF and UHF repeaters

I'm the trustee of the University of Houston Amateur Radio Club
WB5FND. URL is http://wb5fnd.tech.uh.edu/

I maintain the Internet Relay Chat #HamRadio Home Page. URL is
http://wb5fnd.tech.uh.edu/irc/

I co-authored the Mod and Features info for the Kenwood TM-733A radio.
The master copy is at

ftp://wb5fnd.tech.uh.edu/pub/hamradio/mods/kenwood/

Christopher Knauer KB9CCR

cknauer@sni.net

5004 W. 92nd Avenue #123
Westminster, CO 80030

+1 303 403-1883

WEBMASTER, NATIONAL SKYWARN WORLD-WIDE WEB PAGE:

http://www.skywarn.org/

(Working with the ARRL and the National Weather Service to provide
authoritative information about weather spotting both to SKYWARN
members and the general public.)

Also have experience in:

* ARES
* IBM PC's
* Internet Services
* Commercial Broadcasting (Assistant Engineer and Manager of
Information Services)

Louis J. Kohnen K2ANC

K2ANC.Wbst128@xerox.com

Penfield, NY near Rochester

I'll be glad to help out with tube circuits and VE testing.
(W5YI VE# 3182)

Tack Kumagai JE1CKA, KH0AM

je1cka@nal.go.jp

P.O. Box 22
Mitaka, Tokyo 181
Japan

Voice: +1 81 30-066-6408
FAX: +1 81 423-93-4449

My primary interest is contesting (especially DX). I've been a committee member of the CQ WW (World Wide) DX contest and a committee chairman of JIDX (Japan International DX) contest. If you have any questions or opinions on the above contests, your input will be accepted by E-mail at any time.

I've been running an information server and mailing list server for the following topics:

JAPANESE INTERNATIONAL DX (JIDX) INFO-SERVER

Any JIDX contest results/rules will be available by jidx-info@dumpty.nal.go.jp by sending

help

in the body of the E-mail message.

JAPANESE CQ CONTEST MAILING LIST

Archived "cq-contst" reflector re-distribution. send a request to contest-request@dumpty.nal.go.jp with the message

subscribe cq-contest-digest your_callsign <your_email_address>

TOKYO VEC TEAM COORDINATOR

I've been leading the Tokyo VEC team since 1991 under the W5YI-VEC system. Exams will be held on the first Sunday afternoon in EVEN months. All examinees are requested to register in advance one week prior to the exam date. The VE Exam is open to any person who actually plans to operate from the US, but is not intended for license collectors.

- L -

John Langner WB2OSZ

115 Stedman St. #E
Chelmsford, MA 01824-1823
+1 508 256 6907 (home - civilized times only please)
johnl@world.std.com

SLOW-SCAN TELEVISION (SSTV)

SSTV WORLD-WIDE WEB HOME PAGE:

http://www.ultranet.com/~sstv/

Manuel Lim Lao DU3LIM

siubon@mnl.sequel.net

+69 047-222-2277

1939 Rizal Ave. WBB.
Olongapo City 2200 Philippines

* ARES
* Reciprocal Licensing/Operating in the Philippines

Alan Larson WA6AZP

larson@net.com
larson@w6yx.stanford.edu

My areas are fairly general, and I teach classes (Novice and Tech,
with and without code, and upgrade sessions) at W6YX. My main audience
is to the Stanford (University) community.

I am also involved with some less common modes, such as fast scan
television and weak signal VHF and UHF.

Zack Lau KH6CP/1

Zack Lau KH6CP/1 Expertise: Design of SSB/CW amateur transceivers
c/o ARRL Lab : up to 222 MHz. Design of transverters
Newington CT 06111 : up to 10.5 GHz. Basic lossy filter
+1 860 594-0200 : design. Developing repeatable projects
zlau@arrl.org : using cheap, easy to get parts.

I'm now starting to look into 24 GHz SSB/CW gear using 10 GHz as a
convenient IF.

Especially looking to help anyone wanting to be a QST/QEX author--I
can't write it all myself!

Howard Leadmon WB3FFV

- ---
Internet : howardl@abs.net | Howard D. Leadmon
UUCP : wb3ffv!howardl | ABSnet Internet Services
PHONE : +1 410 361-8160 | 200 E. Lexington Street
FAX : +1 410 361-8162 | Suite-1602
PACKET : WB3FFV @ WB3FFV.MD.USA.NA | Baltimore, MD 21202
WWW : http://www.abs.net/ |

AMATEUR RADIO ANONYMOUS FTP ARCHIVE:

ftp://ftp.abs.net/

I attempt to keep the latest and greatest HAM software on-line, and encourage all to upload anything new that they come up with, as it is of benefit to all. Here is a sample of the software that is available for downloading:

* KA9Q TCP/IP Software for the PC (Latest OFFICIAL release + TEST Versions)
* KA9Q TCP/IP for the Atari-ST, MAC, & Amiga
* KA9Q TCP/IP for UNIX based systems
* KA9Q TCP/IP (The NOS release) [UNIX, MS/DOS, Amiga]
* KA9Q TCP/IP (Version by G1EMM, PE1CHL, PA0GRI, Etc.)
* N2GTE Packet Message Switch [GTEPMS]
* WA7MBL BBS for the PC
* W0RLI BBS for the PC
* MSYS BBS for the PC running KISS TNC's
* AA4RE BBS for the PC (plus BETA versions)
* F6FBB BBS for the PC
* G8BPQ PC-Node (Version 4.08)
* Various BBS utilities and enhancements
* Several MORSE CODE Tutors
* TheNet software by NORD><LINK
* Modifications for many HAM Rigs and Scanners
* Digital Signal Processing software (DSP)
* DX and contesting programs

AMPR.ORG IP COORDINATOR FOR MARYLAND SUBNET (44.060.XXX.XXX)

[Editor's Note: All ampr.org coordinators are listed in the document at:

ftp://ftp.ucsd.edu/hamradio/amprnets

]

OWNER OF THE MD-HAMS MAILING LIST

The md-hams list has been placed on-line to allow people involved or interested in various facets of Amateur Radio to have a place to talk about local activities in Maryland and the District of Columbia.

To subscribe, send E-mail to md-hams-request@wb3ffv.ampr.org with:

subscribe md-hams <your E-mail address>

in the body of the message. An acknowledgement message will follow shortly.

If you have any questions or problems, feel free to contact me at one of the numbers/addresses above. Good Luck...

Dr. Marc I. Leavey WA3AJR

ajr@ari.net

http://www2.ari.net/ajr/

73 MAGAZINE RTTY LOOP COLUMNIST

RTTY LOOP WORLD-WIDE WEB PAGE:

http://www2.ari.net/ajr/rtty/

(Featuring the RTTY Loop column archive, software library, and general
RTTY information.)

Be glad to help out those interested in digital communication.

Alexis Leynes K9KYJ

aleyne1@uic.edu

PERSONAL AND YOUTHNET NEWS HOME PAGE:

http://icarus.cc.uic.edu/~aleyne1/

600 S. Halsted, Suite 3020
Chicago, IL 60607
H: +1 312 326-3739
Voice-Mail: +1 708 612-9306

FCC Technician License Since Feb. 1991
Certified Phlebotomist with the
University of Illinois at Chicago Hospitals and Clinics
Red Lab 1

EMERGENCY COMMUNICATIONS
TCP/IP NETWORKING

EDITOR-IN-CHIEF, YOUTHNET NEWS

Youthnet NEWS is an amateur radio informational service for the young
radio amateur operator. All Rights Are Reserved 1996.

It is periodically posted to

news:rec.radio.amateur.misc
news:rec.radio.info

Fred Lloyd AA7BQ

- ----------
Fred Lloyd, AA7BQ flloyd@qrz.com
Scottsdale, Arizona | finger flloyd@qrz.com for PGP Key | http://www.qrz.com
- ----------

AUTHOR OF THE QRZ! HAM RADIO CDROM

I am interested in receiving amateur-radio-related public-domain
and/or shareware programs, data bfiles, frequency lists, etc., that

would make a useful edition to the QRZ! CDROM. Can help arrange volume discounts for clubs and groups, and will donate copies of QRZ! to qualifying non-profit organizations. Send E-mail or call +1 602 483-2036.

We now have the QRZ! FTP archive and QRZ! WWW server online, 24 hours a day. Our connection is via a T1 line so you should get pretty decent file transfer times.

We've got about 7,000 files online, including radio mods, software, most everything imaginable. We are also accepting uploads of all ham radio related material.

Feel free to stop by and have a look:

* ftp://ftp.qrz.com/
* http://www.qrz.com/ (WWW interface to the FTP archive as well as a Callsign database server)

Authors of ham radio shareware programs, data files, mods, etc., are invited to contribute their materials to the QRZ! anonymous ftp server above.

I would also like to thank those who have volunteered in helping port the QRZ! source code to a wide variety of platforms. In the next edition, we'll have support for DOS, Windows, OS/2, Windows NT, Sun, NeXT, SGI, Linux, AIX, and HP/UX executables, directly on the disk.

Notably not mentioned is Macintosh, which so far has been a bit troublesome to put together. If anyone who can program in 'C' on a Macintosh would care to volunteer, please let me know. Although there is an experimental Mac interface at this time, I'd like to make it an officially-supported platform.

The QRZ! Callsign/E-mail Registry now contains over 4100 callsign-to-E-mail-address listings and is growing daily.

We have a WWW page where you can input your E-mail address directly into the QRZ! Callsign Database, where it will be published on both CDROM and on the Internet. When you use this page, your E-mail address is made instantly available to the online database.

Everyone is encouraged to check in and add their E-mail address to the server. There are no charges or listing fees, and it's free to all radio amateurs. The procedure takes only a second, and you are only asked to supply your callsign and E-mail address.

Register your E-mail address today!

We're pleased to announce that the online FCC database at qrz.com is now updated nightly from the FCC with fresh information.

According to FCC rules, if you've just passed your first test, you can begin operating as soon as your callsign shows up in the online

database.

Please pass on any ideas, suggestions, comments, etc., to my E-mail address above.

Luther M. Lord N4DA

n4da@mindspring.com

If you need a good place to get your amateur radio repaired, I can help. Visit the Radio Doctor's home page at:

http://www.mindspring.com/~n4da/top.html

I will answer all technical questions received via E-Mail at my address above. This service is offered presently at no charge.

Jeff Luszcz N2TIQ

jeff@gauss.arc.nasa.gov

COLLEGE AND UNIVERSITY CLUB LIST WORLD-WIDE WEB PAGE:

http://www.geocities.com/SiliconValley/7512/hobbies.html

Sandy Lynch WA6BXH, 7J1ABV

slay@netcom.com

INFORMATION ABOUT FOREIGNERS OPERATING IN JAPAN

- M -

Dean R. Madsen KE0WO

Dean R Madsen, KE0WO Computer Science Major
Internet: dmadsen@iastate.edu Iowa State University
ke0wo@iastate.edu Ames, Iowa
AX25: KE0WO @ KE0WO.#NWIA.IA.USA.NA
Secretary for the Tristate Amateur Packet Association
Treasurer for the Cyclone Amateur Radio Club

A few members of our ham radio club were interested in helping out. Since our turnover is usually 4 years or so (graduation is a horrible thing), I thought it may be difficult for us to keep the list up to date. I thought that by creating a local mailing list called elmers@iastate.edu we could add or remove people as need be. There would always be at least one person receiving mail on that list, usually more! Even after I graduate, this list will be maintained allowing ISU hams to easily help others.

Currently we have people with packet experience, some HF experience, much repeater experience, in addition to a considerable background in theory, as many here are electrical engineering or computer engineering students. If a question can not be answered by the readers of the list, there are many other local hams that could be prodded for the info.

Our local ham radio club has been especially interested in helping local disabled hams (or hams to be) get on the air. But anyone local who needed help would find a group at their door ready to work.

Fred O. Maia W5YI

3511297@mcimail.com

The W5YI Group, Inc.
P.O. Box 565101
Dallas, Texas 75356
Tel. +1 817 461-6443

This firm consists of two separate divisions:

EDUCATION DIVISION:

Develops and distributes amateur radio self-training materials, including the Gordon West/WB6NOA line of audio, video, computer software and printed study materials. Credit card orders and information from (toll free): +1 800 669-W5YI (9594). All materials are guaranteed current and shipped within 24 hours with 2-day priority delivery. They offer a special discount for instructors conducting training classes.

W5YI Amateur Radio written license exam and Morse code training products are also available from every Radio Shack nationwide. Color photograghs of the major training products are available at their Express Order or Radio Shack Unlimited desk.

THE W5YI-VEC:

Coordinates the activities of more than one thousand volunteer examining teams world-wide. The locations of test sites near you can be determined by calling +1 817 461-4663 anytime, including evenings and weekends. Any General, Advanced or Extra Class amateur may form their own VE team by calling +1 817 860-3800 during normal business hours.

All examination results are electronically filed with the FCC. Amateur radio licenses and call signs are normally issued within 48 hours of VEC receipt of the examination paperwork. New amateurs may determine their call signs by calling the FCC's toll free consumer assistance line: +1 800 322-1117.

Will Marchant KC6ROL

marchant@netcom.com

I'm one of the SAREX school group technical mentors. A group of about
nine of us are assigned by AMSAT/NASA/ARRL to make sure that the
schools selected for dedicated contacts on a SAREX flight are
prepared. I'd be happy to try handling E-mail from people interested
in SAREX.

Barry Martz KI8W

ki8w@grfn.org

BAY AREA (CALIFORNIA) DX'ERS WORLD-WIDE WEB HOME PAGE:

http://www.netonecom.net/~ki8w/bad1.html

Daniel J. Meredith N7MRP

Arizona Network Intertie Group
"Serving Az's Digital Needs Since 1993"

Daniel J. Meredith - N7MRP Voice: +1 602 489-7384
P.O. Box 45378 Fax : +1 602 956-2566
Phoenix, Arizona BBS : +1 602 912-0225
85064-5378

LISTOWNER: F6FBB-LIST@PHX-AZ.COM & FBB@N7MRP.AZ.USA.NOAM
ARIZONA AMATEUR RADIO VHF/UHF DIGITAL COORDINATOR

Ax.25: N7MRP@N7MRP.AZ.USA.NOAM Internet: Sysop@phx-az.com

The F6FBB Support BBS Is Available Via E-Mail & LL Dial-Up +1 602 912-0225.
E-Mail ---> archie@phx-az.com
HELP <-----SUBJECT

The F6FBB Support BBS Is Also Home To The F6FBB ListServ.
Internet ---> Send E-Mail To Sysop@phx-az.com for Subscription Information.

There is Also an Ax.25 F6FBB ListServ.
E-Mail ---> SP LSERV@N7MRP.AZ.USA.NOAM
SUBSCRIBE <----SUBJECT
SUBSCRIBE FBB <----1ST LINE OF MESSAGE TEXT.

Bob Merritt KA4BYP

bobm@mindspring.com

http://www.mindspring.com/~bobm/

PO Box 185
Griffin, GA 30224

MAINTAINER OF GEORGIA RADIO AMATEUR PACKET ENTHUSIASTS SOCIETY (GRAPES) WWW PAGE

(available via my home page above)

(see also Gary Coffman)

Joe Moell K0OV

homingin@aol.com

HOMING IN COLUMN WORLD-WIDE WEB PAGE:

http://members.aol.com/homingin/

(Homing In is a column in 73 Magazine featuring information about radio direction finding, hidden transmitter hunting, and jammer tracking.)

This site features:
* Southern California T-hunting, what equipment the winners use
* International-style foxhunts have come to California
* Complete design fixes for the Dick Smith doppler set
* Updates to the Moell/Curlee book (TRANSMITTER HUNTING---Radio Direction Finding Simplified), including board/kit/parts sources and building tips
* Frequently Asked Questions and answers from the Homing In mailbox
* Index and subject list of all Homing In columns in 73 Magazine through September 1996 (over 90 articles)
* And lots more...

The Homing In site is written and maintained by Joe Moell K0OV. It is not affiliated with 73 Magazine, Wayne Green Enterprises, or any other commercial entity.

John Moore NJ7E

John Moore 7525 Clearwater Pkwy, Scottsdale, AZ 85253 USA ozone@primenet.com Amateur call:NJ7E Civil Air Patrol:Thunderbird 381 Voice: day or eve:+1 602 951-9326 FAX:+1 602 861-7642 (by prior arrangement)

CIVIL AIR PATROL

CO-HOST - HAM RADIO AND MORE

Ham Radio and More is available for free to any AM station that is willing to run it with national ads intact. If you want there to be a nationwide amateur radio talk show, call your local station and ask them to get the program. They don't have to be part of the Talk America network. They can call KFNN in Phoenix (+1 602 241-1510) or Talk America at +1 508 460-0588.

Effective 4/7/96: WWCR shortwave will air the show LIVE each Sunday at 6:00pm ET, (2200 UTC) on 7.435 MHz AND 12.160 MHz. Also, tape delayed

at 5:00am ET (0900 UTC) Mondays on 3.315 MHz and Saturdays at noon ET (1600 UTC) on 12.160 MHz.

Call in and be part of the show. The toll free number is +1 800 293-5366 and outside the country at +1 602 230-2755. Fax at +1 602 241-1540.

See the entry for Cheyenne Greatorex for the Ham Radio and More World-Wide Web Page.

Winston Morgan KC5LIK

wmorgan@vvm.com

+1 817 770-1826

1004 South 26th St.
Temple, TX 76504

* ARES/RACES/Skywarn
* Internet Services (including Mailing Lists)

Rich Moseson NW2L

CQMagazine@aol.com

CQ MAGAZINE ONLINE COORDINATOR

Please direct any general/editorial feedback to the magazine to the E-mail address above.

(see also Steve Affens)

John Mouw KD4GIK

mouwj@aol.com

AX.25: KD4GIK@AA4RU.#LEO.FL.USA

ANTENNAS

Kevin Muenzler WB5RUE

wb5rue@amsat.org

126 Hickory Circle
Floresville, TX 78114

* Antennas
* Batteries
* Morse Code

* DX
* HF
* Homebrewing
* IBM PC's
* Novice/Tech Instruction
* Power Supplies
* QRP
* RFI
* Scouting

Terry Muncey WB5OAS

tsm@flash.net

TERRY MUNCEY DBA RADIO ERA ARCHIVES:

http://www.flash.net/~tsm/

Schematic information, service information and original replicas of operation manuals for most ham equipment are available. We have over 100,000 schematics already converted digitally for mailing or faxing as well as thousands of original operation manuals.

Bob Myers KC0EW

Hewlett-Packard Co.
Ft. Collins, CO

myers@fc.hp.com

Antennas, Novice/Tech instruction, batteries, power supplies, RFI, equip. testing/troubleshooting, FAQs, homebrewing. Basic theory questions also welcome.

My particular interest is in antennas and transmission lines, but I'm also more than willing to answer whatever I can in general radio theory, propagation, analog and digital electronics, etc.. (I'm a display engineer in "real life", have done my share of digital design, and have taught communication electronics at the local community college. I'm also active in some display and television standards activities.)

- N -

Scott Neader KA9FOX

neader@centuryinter.net

CONTESTERS AND DX'ERS WORLD-WIDE WEB PAGE:

http://www.qth.com/ka9fox/

(Featuring recent contest scores, summaries of discussion on most of the contesting and DX-related mailing lists, and more.)

Lyndon Nerenberg VE7TCP, VE6BBM

lyndon@ve7tcp.ampr.org

I'm heavily involved in Internet Protocol (IP) networking over packet, as well as system administration of UNIX and UNIX-like operating systems (with an emphasis on networking, E-mail, etc.). My current concentration is on writing UNIX based tools (e.g. software for logging, antenna design, propagation analysis) that can be shared throughout the ham community.

I also maintain the ve7tcp.ampr.org server. This system hosts a variety of ham-radio related mailing lists as well as a comprehensive World-Wide Web site and FTP archive, and was one of the first Internet servers dedicated to ham radio. The system is also a hub site for the ampr.* newsgroups.

Information on the mailing lists offered can be had by sending an e-mail message to:

listserv@ve7tcp.ampr.org

containing (only) the word:

INFO

in the message body. The WWW server is located at the URL:

http://ve7tcp.ampr.org/

and the FTP server resides at:

ftp://ve7tcp.ampr.org/

Direct login access to the system is available to anyone holding a currently valid amateur radio license. The server provides a number of useful tools for the radio amateur, including satellite tracking software, CAD design software, SPICE, and other tools not generally available to people running on Microsoft Windows or Apple based PC's. (It runs 4.4BSD UNIX.) To obtain a login on the server, send a photocopy of your current amateur license, along with a SAE and IRC to:

Lyndon Nerenberg
1804 Juniper Street
Prince George, British Columbia
Canada V2L 1N7

Your login and password information will be mailed to the address listed on your license.

MAINTAINER OF THE INTERNET DX MAILING LIST

To subscribe, send an E-mail request to:

dx-REQUEST@ve7tcp.ampr.org

with the following line in the message body:

subscribe dx

David Newkirk WJ1Z

webmaster@arrl.org

AMERICAN RADIO RELAY LEAGUE (ARRL) WEBMASTER

The American Radio Relay League is pleased to announce the startup of ARRLWeb, your League's new HQ-based World-Wide Web site, at the URL

http://www.arrl.org/

ARRLWeb will serve as an essential Internet resource for active hams, carrying ARRL news, details on upcoming hamfests, conventions and Amateur Radio examinations, the ARRL Publications catalog, information of ARRL membership benefits and services, and more.

In inaugurating this new service, the League thanks Scott Ehrlich, WY1Z, and the other Boston Amateur Radio Club volunteers who've worked since December 1994 to keep ARRL up and coming on the Web via the ARRL home page they installed and maintained at oak.oakland.edu. Their volunteerism helped show us that upgrading our Internet connection to a level that allowed on-campus Web service would be essential to ARRL's mission of serving Amateur Radio.

Your comments, criticism and suggestions on how to make ARRLWeb bigger and better are *essential* to its ongoing success, so please drop by and say hello!

Bob Nielsen W6SWE

Bob Nielsen, W6SWE Internet: w6swe@tapr.org
Tucson, AZ AMPRnet: w6swe@w6swe.ampr.org
[44.124.12.16] AX.25: W6SWE@WB7TLS.AZ.USA.NA

TUSCON AMATEUR PACKET RADIO (TAPR)

I am no longer a TAPR officer, but try to help out with the TAPR file server and am the "official" contact person on the Internet and CompuServe (71540,2364).

To access the TAPR file server, send E-mail to:

file-request@tapr.org

To get the help file and a list of available files, send the following commands in the body of the message:

help
dir
quit

All mail sent to that address is not read by a human. Conversely, mail sent to tapr@tapr.org is read by a human who will be glad to take your orders or process membership applications, but cannot send you file server files.

Joe Nobody N0CALL

nobody@nowhere.nodomain

REC.RADIO.AMATEUR.MISC FREQUENTLY ASKED QUESTIONS (FAQ)

No longer available from:

* ftp://ftp.uu.net/usenet/news.answers/radio/ham-radio/faq/
* http://rtfm.mit.edu/pub/usenet/news.answers/radio/ham-radio/faq/

Well, it's finally happened. The long-defunct FAQ's have finally been removed from most archive sites. This important document, one which served as an excellent "Read Me First" for the readership of the amateur radio-related Usenet newsgroups, is now no longer publicly available.

Efforts are still underway to bring it back, but so far, no volunteers have stepped forward that have been able to resume its regular posting and maintenance.

As stated many times before, new editors are being actively sought to take over maintenance of the above resources and keep them from disappearing from the net permanently. As with any volunteer effort, new volunteers are often needed. We need new editors to post the above FAQ's. Preferably this should be someone who has enthusiasm for hobbyist radio, experience with Usenet, and the ability to work with the other editors. No single person can know all the various aspects of this diverse hobby, so the editorial review group is intended to make a greater combination of experience. A new maintainer is desired at this time to provide a fresh outlook as well as the opportunity to train new volunteers and avoid overreliance on a small group of people.

The FAQ's were posted with the auto-faq software, which is written in Perl (see Paul Schleck's entry). So it would be a plus for volunteers to post the FAQ to have Perl installed on their system and be able to use "cron" or "at" so that postings can go unattended.

With widespread net acceptance and use of the World-Wide Web, it might be desirable to rewrite the FAQ as a minimal "pointer" article with URL links. Such a minimal FAQ would reduce maintenance burdens, ward

off criticism of the document for being "too big," and could be maintained as Hypertext Markup Language (HTML) at a WWW site, then "dumped" to an ASCII file for posting to news (to cover users who don't use WWW, as well as to actually feed a couple of automated FTP, Gopher, and WWW sites. Such an approach is used for the Elmers list; see the companion posting to this file, "Amateur Radio: Elmers List Info and Administrivia" for more information).

Anyone who wants to make their contribution to the Net as a volunteer should contact the Elmers Directory maintainer at elmers-request@gonix.com.

(Continued in next part.)

-----BEGIN PGP SIGNATURE-----
Version: 2.6.2

iQCVAwUBMgUq3CROYYq72ea1AQFO0wP8COpnQgiYkZBeOBVKNWZcVEp8ZpyB9jGc
NfJVtzaZ3s3U71md0l7wKRpkyIHW2KPajkVwKVmOaUVcCeimhlUxsLtvbRqTqPnk
hh3Mg29Frw+5n5LXmD5RdQpArbtYp5RgL3vPxCHACgks/a2AVXUz3KDCUnNXJDNB
IK2yHuODwnI=
=cyXB
-----END PGP SIGNATURE-----

377. Amateur Radio: Elmers List Subject Quick-Search Index

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: pschleck@gonix.com
Message-ID: <radio/ham-radio/elmers/index/subject-1-839232007@gonix.com>
Source record: 219515
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

Posted-By: auto-faq 3.3 beta (Perl 5.002)
Archive-name: radio/ham-radio/elmers/index/subject
Posting-Frequency: posted on the first Monday of each month
URL: http://www.gonix.com/pschleck/elmers/

-----BEGIN PGP SIGNED MESSAGE-----

AMATEUR RADIO: ELMERS LIST SUBJECT QUICK-SEARCH INDEX

(Note: This index is not necessarily all-inclusive and some Elmers are
listed more than once.)

10-X INTERNATIONAL

* Cebik (Mailing List and WWW Page)

AMATEUR RADIO EMERGENCY SERVICE (ARES)/RADIO AMATEUR CIVIL EMERGENCY SERVICE
(RACES)/SKYWARN

* Ammar
* Chilton (EMA Radio Officer)
* Glago (Sonoma Valley, CA ARES and RACES Director)
* Gray (Arkansas Section)
* Humphries (ex-Asst. EC)
* Knauer (ARES and SKYWARN, including National SKYWARN WWW Page)
* Lao (Philippines)
* Morgan (ARES and SKYWARN)
* Paperman
* Schwartz (NYC EC for Operations)
* Shelton, P
* Stader (EMAS SEC)

AMATEUR SATELLITE CORPORATION (AMSAT)

* Roth (Portland, OR Area Coordinator)
* Williamson, P (WWW Page, Anonymous FTP Archive, and Mailing Lists)

AMATEUR TELEPRINTER OVER RADIO (AMTOR)/PACKET TELEPRINTER OVER RADIO
(PACTOR)/RADIO TELETYPE (RTTY)

* Brothwell (BARTG Secretary, WWW Page, and Anonymous FTP Archive)
* Leavey (73 Magazine RTTY Loop Column and WWW Page)
* Reynolds (FSK, PSK, MSK, Various Types of ARQ and FEC Systems)
* Sayer (also decoding CHU's ASCII time code)
* Sussman (Publisher of PACTOR News WWW Page, Speaker and Host of

PACTOR Forum at Dayton Hamvention)

AMERICA ON-LINE

* Ruh (ATV Quarterly Representative, Ham Radio Manufacturers and Dealers Section)
* Stader (Host and Manager, Ham Radio Club Forum)

AMERICAN RADIO RELAY LEAGUE (ARRL)

* Bauer (W1AW Manager and Chief Operator, ARRL Bulletin Mailing List)
* Bloom (QEX Editor, ARRL CNC Contact)
* Cebik (Educational Advisor)
* Cira (Los Angeles, CA ACC)
* Ehrlich (EMAS Internetworking ASM)
* Elmore (CO TC)
* Goldstein (Volunteer Counsel - Florida Only)
* Halle (Phoenix, AZ Area Official Observer Coordinator)
* Hare (Laboratory Manager)
* Hill (TN TS)
* Jahnke (VEC Manager)
* Lau (Technical Consultant)
* Newkirk (Webmaster, HQ WWW Page)
* Redding (Educational Advisor)
* Sefranek (EMAS TA)
* Sohl (NJ Local Govt. Liason)
* Stader (EMAS ASM and DEC)
* Tracy (InfoServer Sysop, TIS Coordinator)
* Turner (Volunteer Counsel)

AMIGA PERSONAL COMPUTER

* Leadmon (Amiga NOS FTP Archive)
* Salnick
* Whatton (Manager, Amiga Amateur Radio User Group and WWW Page)

ANTENNAS

* Anthony
* Brewer (wire HF)
* Brubaker (HF)
* Cebik
* Chahine
* Cieslak, C
* Coyle (multi-band wire HF)
* DePolo (Design/Theory)
* Elmore
* Graham (wire HF for apartments)
* Gray
* Halbert (simple designs)
* Hill (Mobile, including HF)
* Humphries (VHF and multi-band wire arrays)

* Ihry
* Mouw
* Muenzler
* Myers (and transmission lines)
* Ornitz (including computer modelling)
* Reynolds (including HF)
* Rymell
* Salnick
* Salyzyn
* Sarrio
* Sefranek (and Transmission Lines)
* Shelton, J
* Shelton, P
* Silva
* Standerfer
* Stine (wire HF)
* Stockton
* Taylor
* Thomson (wire HF)
* van de Kerk (HF Low-Profile)
* Zurn (wire HF)

ANTIQUE AND OLDER EQUIPMENT

* Anthony
* Bellville
* Brewer (40's-70's and WWW Page)
* Drechsel (Collins Radio Virtual Museum WWW Page)
* Hill (Mailing List)
* Keys (including HF and CW)
* Muncey (Terry Muncey dba Radio Era Schematics and Documentation Archives)
* Paperman (Manuals, Service Information, and Literature)
* Standerfer
* Turner (including Kenwood and Ten-Tec)

APPLE MACINTOSH COMPUTER

* Bellville
* Greatorex (including Amateur Radio Software FTP Archive)
* Seney (Macnet, including Anonymous FTP Archive and WWW Page)
* Sohl
* Stader (List of Amateur Radio Software)

BATTERIES

* Ammar
* Cieslak, C
* Hammill (Sealed Lead-Acid)
* Muenzler
* Myers
* Sefranek (including Solar Operation)

* Sohl

BRITISH AMATEUR RADIO TELEDATA GROUP (BARTG)

* Brothwell (Secretary, WWW Page, and Anonymous FTP Archive)

BRITISH AMATEUR TELEVISION CLUB (BATC)

* Pawson (WWW Page)

BULLETIN-BOARD SYSTEMS (BBS'S)

* Bertolino (Trance - Italy)
* Cira (HAM*INFO*LINK*SOURCE*BBS)
* Gathergood (CQ Centre - United Kingdom)
* Meredith (F6FBB Packet BBS Support)
* Reeves
* Stillinger (IBBS)

CALLSIGN DATA/NATIONAL TECHNICAL INFORMATION SERVICE (NTIS)

* Carruth
* Lloyd (QRZ! Ham Radio CDROM and Callsign/E-mail Registry)

CIVIL AIR PATROL (CAP)

* Moore
* Standerfer

COLLEGE CLUBS

* DePolo (Technical Director, Univ. of Pennsylvania ARC)
* Edwards (Univ. of Maryland ARA)
* French, et al (Ham-Univ Mailing List)
* Killebrew (Trustee, University of Houston Amateur Radio Club)
* Luszcz (WWW Page)
* Madsen, et al (Iowa State Elmers)
* Schleck

COMMERCIAL EQUIPMENT

* Bellville
* Cieslak, C
* DePolo
* Dodell (Mailing List)
* Gray
* Veres (Commercial Radio through 12 GHz, UHF and 2.5 GHz ITFS TV)
* Wier (ICOM Mailing List)

CW (MORSE CODE)

* Bono (AutoCW)
* Chahine
* Cieslak, C
* Elmers

* Elmore
* Hill (learning hints)
* Ihry
* Keys (including CWIST HF CW Net)
* Muenzler
* Salyzyn
* Sarrio
* Shelton, P
* Silva
* Stine
* Stockton
* van de Kerk
* Zurn (including European abbreviations)

DIGITAL SIGNAL PROCESSING (DSP)

* Bloom
* Bruhns
* Chahine
* Edwards
* Gilliver
* Goerg (Webb Laboratories RF/Microwave CAE WWW Page)
* Hall (including WWW Page)
* van Vliet (Filters, including Integrated, Distributed, Lumped, and Active)

DIRECTION FINDING (DF)

* Douglas (including Doppler and DF Systems WWW Page)
* Moell (Homing In Column WWW Page)

DUTCH NATIONAL RADIO SOCIETY (VERON)

* Bruinsma (National Public Relations Committee, National WWW Page, Woerden Chapter Board Member, and Woerden Chapter WWW Page)

EARTH-MOON-EARTH (EME) COMMUNICATIONS

* Cook (including WWW Page)
* Smit (WWW Page)

EQUIPMENT TESTING/TROUBLESHOOTING

* Brewer (Tube Gear)
* Bruhns (Low-Level/Low-Frequency Analog and Transmission Line Measurements)
* Coyle (Kenwood TS-830S and TS-940/AT Service)
* DePolo
* Drechsel (Collins Radio Virtual Museum WWW Page)
* Elmore (Troubleshooting)
* Goldman (Tech Bench Elmers Amateur Radio Society, including WWW Page)
* Hare (ARRL Laboratory Manager)

* Ihry (General Electronics)
* Lord (including Radio Doctor's WWW Page)
* Muncey (Terry Muncey dba Radio Era Schematics and Documentation Archives)
* Myers
* Ornitz (Instrumentation)
* Paperman (Manuals, Service Information, and Literature)
* Rymell (Electronics and Computer Service Work)
* Salnick
* Salyzyn
* Sefranek (including Power Supplies and Amplifiers)
* Seney (Digital Storage Scope FAQ)
* Standerfer (Test Equipment and Measurements)
* Stockton
* Taylor
* Veres (Commercial Radio through 12 GHz, UHF and 2.5 GHz ITFS TV)
* Wendt (Founder, Tech Bench Elmers Amateur Radio Society)
* Witte (Instrumentation, Test Equipment, and Measurements)

FINNISH AMATEUR RADIO LEAGUE (SRAL)

* Toijala (HQ Contact and WWW Page)

FREQUENTLY ASKED QUESTIONS (FAQ's)

* Adams (QRP Rig Standardized Info Sheets)
* Bowen (Supplemental FTP Archives, Internet Callbook Server)
* Cebik (QRP Periodicals, Electronics Books, and Antenna Books Lists)
* Cheeseman (Australia)
* Dawson (Linux HAM and AX.25 HOWTO's)
* Dodell (rec.radio.info Newsgroup)
* Goldstein (Packet Radio WWW Server, including Packet FAQ)
* Hill (Antennas)
* Jahnke (VE Exams Scheduled)
* Lloyd (QRZ! Callsign/E-mail Registry)
* Moell (Radio Direction Finding)
* Nobody (General)
* Ruh (Amateur Television)
* Salyzyn (Hams on Usenet)
* Seney (Digital Storage Scopes)
* Stader (Macintosh Amateur Radio Software)
* Twigger (Amateur Radio Exam Practice WWW Page)
* Williams (Amateur Radio WWW Server)
* Woods (Mail-Order Electronics)
* Yee (Online Repeater Directory)

GEORGIA RADIO AMATEUR PACKET ENTHUSIASTS SOCIETY (GRAPES)

* Coffman (E-mail Contact)
* Merritt (WWW Page)

HANDICAPPED OPERATING

* Gilliver (Blind Issues)
* Madsen, et al
* Tice (Manager, Courage HANDI-HAM System)

HIGH FREQUENCY (HF)/CONTESTING/DX

* Bertolino (425 DX News and IOTA WWW Page)
* Brubaker
* Chilton
* Cieslak, C
* Coyle (including Station Setup for New Hams)
* DePolo
* Elmore (DX'ing, Contesting, and Propagation)
* Gilbert
* Gray
* Hill (Mobile)
* Job (Maritime Mobile Service Net)
* Kumagai (CQWW Committee Member, JIDX Committee Chairman, Japanese DX Contest Mailserver and Mailing List)
* Madsen, et al
* Martz (Bay Area, California, DX'ers WWW Page)
* Muenzler
* Neader (Contesters and DX'ers WWW Page)
* Nerenberg (DX Mailing List and WWW Page)
* Salnick
* Sarrio (CW)
* Silva
* Simpson (Best of 75 Net)
* Stiegler (Manager, Maritime Mobile Service Net)
* Thomson (Mostly CW)
* Tidd (DXCC Databases)
* van de Kerk (CW, Low Profile)
* Veres
* Witkowski (DX QSL Info WWW Page)
* Zurn

HOMEBREWING/DO-IT-YOURSELF

* Bruhns (including Low-Level/Low-Frequency Analog, DSP, Surface Mounting, and Transmission Lines)
* Carruth (Digital Design, Software)
* Chilton
* Cieslak, C
* DePolo
* Edwards (including DSP)
* Elmore (Construction Practices)
* Gilliver (DSP, Blind Issues)
* Goldman (Tech Bench Elmers Amateur Radio Society, including WWW Page)
* Gray
* Gunton (Microwave Components/Techlock Distributing WWW Page)

* Halbert (QRP)
* Hall (including DSP WWW Page)
* Hill ("Glowbugs" Tube Homebrewing Mailing List)
* Hosking (Perth, Australia Radio Experimenters Group and WWW Page)
* Ihry (General Electronics, Towers, Computers and Computer Programming)
* Johnson
* Keys (Junk Box Projects, National Electrical Code for Hams)
* Kohnen (Tubes)
* Lau (Transverters, VHF/UHF, Filters, Repeatable Projects)
* Muenzler
* Myers (Transmission Lines, Analog and Digital Design)
* Ornitz (Chemical and Toxic Material Use and Handling)
* Rymell (Electronics and Computers, Low-Cost Projects)
* Salyzyn
* Sayer (Class-C Bipolar Amplifiers and Phased-Lock-Loop Circuits)
* Sefranek (Amplifiers, Battery/Solar Operation, Power Supplies, and Repeaters)
* Silva (Analog, Digital, Tubes, Semiconductors, RF, Finding Parts)
* Stine (Tube Amplifiers, Receivers, and Exciters)
* Stockton (including QRP)
* Taylor (Tubes and Amplifiers)
* van Vliet (including Power Amplifiers, Low-Noise Amplifiers, and Mixers for Microwave)
* Wendt (Founder, Tech Bench Elmers Amateur Radio Society)
* Woods (Mail-Order Electronics)

IBM PERSONAL COMPUTER (PC) AND CLONES

* Ammar
* Angus
* Bellville
* Bono (AutoExam, et al)
* Cieslak, C
* Cole
* Crick (Windows, Ham University)
* Currie (DOS, Windows 3.x & 95, Linux, Hardware)
* Dawson (Linux on Intel)
* Ehrlich
* Gray
* Johnson
* Keller
* Knauer
* Muenzler
* Perens (Linux for Hams CDROM)

INTERNET SERVICES

* Ammar
* Bellville
* Cieslak, C

* Currie
* Gray
* Knauer
* Schleck
* Sohl
* Taylor

LOW FREQUENCY (LF)

* Thomson (LF/MF Radiobeacon DX'ing)

MAIL/FILE TRANSFER PROTOCOL (FTP)/WORLD-WIDE WEB (WWW)/MULTIPLE-USER DUNGEON (MUD) SERVERS/ARCHIVES

* Affens (CQ Magazine WWW Page)
* Ardai (Boston ARC WWW Page)
* Bellville (Scanner, Ham, and CB Radio WWW Pages)
* Bertolino (425 DX News and IOTA WWW Page)
* Bloom, et al (ARRL Info Mail Server)
* Bowen (rec.radio.amateur.* Supplemental Archives)
* Brewer (Antique and Older Equipment WWW Page)
* Brothwell (BARTG WWW Page and Anonymous FTP Archive)
* Bruinsma (VERON National and Woerden Chapter WWW Pages)
* Cebik (10-X International WWW Page)
* Cook (EME and Weak Signal WWW Page)
* deVolpi (Amsoft and World of Ham Radio WWW Page)
* Douglas (DF Systems WWW Page)
* Drechsel (Collins Radio Virtual Museum WWW Page)
* Goerg (Webb Laboratories RF/Microwave CAE WWW Page)
* Goldman (Tech Bench Elmers Society WWW Page)
* Goldstein (Packet Radio and TAPR WWW Server)
* Greatorex (Boston ARC FTP Archive)
* Gunton (Microwave Components/Techlock Distributing WWW Page)
* Hall (DSP WWW Page)
* Harding (Ham Server and WWW Page)
* Hosking (Perth, Australia Radio Experimenters Group WWW Page)
* Huntting (KaWin WWW Page)
* Keezer (HamView WWW Page)
* Kile (North American Amateur Radio Equipment Dealers WWW Page)
* Killebrew (University of Houston ARC and Internet Relay Chat #HamRadio Channel WWW Pages)
* Knauer (National SKYWARN WWW Page)
* Kumagai (Japanese DX Mailserver and Mailing List)
* Langner (SSTV WWW Page)
* Leadmon (WB3FFV FTP Archive and WWW Page)
* Leavey (73 Magazine RTTY Loop Column WWW Page)
* Leynes (Youthnet News WWW Page)
* Lloyd (QRZ! Ham Radio CDROM FTP Archive and WWW Page)
* Luszcz (College and University Club List WWW Page)
* Martz (Bay Area, California, DX'ers WWW Page)
* Merritt (GRAPES WWW Page)

* Neader (Contesters and DX'ers WWW Page)
* Nerenberg (Contesting, DX, and Technical Amateur Radio WWW Page)
* Newkirk (ARRL HQ WWW Page)
* Nielsen (TAPR)
* Pawson (British Amateur Television Club WWW Page)
* Perens (Linux for Hams CDROM, WWW Page and Mail Server)
* Pulfer (Radio Amateurs of Canada WWW Page)
* Reis (Brazil Ham WWW Page)
* Sarrio (Raymond Sarrio Co. Full-Purpose Ham Radio WWW Server)
* Schwartz (NYC ARES WWW Page)
* Seney (Digital Storage Scope FAQ and Macnet WWW Pages)
* Simpson (Best of 75 Net and Security/Fire Systems WWW Pages)
* Smit (EME and SETI WWW Page)
* Sproul, M (APRS WWW Page)
* Stader, et al (Massachusetts Emergency Management Agency WWW Page)
* Stiegler (Maritime Mobile Service Net WWW Page)
* Strobel (K6PBT Dealer Directory WWW Home Page)
* Sussman (PACTOR News WWW Page)
* Tice (Courage HANDI-HAM System WWW Page)
* Toijala (SRAL WWW Page)
* Twigger (Amateur Radio Exam Practice WWW Page)
* Vekinis (Picosat System WWW Page)
* Walsh (QCWA WWW Page)
* Whatton (Amiga Amateur Radio User Group WWW Page)
* Wilkins (California Amateur VHF Enthusiasts WWW Page)
* Williams (Amateur Radio WWW Server)
* Williamson, P (AMSAT WWW Page and Anonymous FTP Archives)
* Witkowski (DX QSL Info WWW Page)
* Woods (Mail-Order Electronics FTP Archive and WWW page)

MAILING LISTS

* Ackermann (TAPR Net-SIG BBS)
* Adams (QRP-L)
* Ardai (Many, see full entry)
* Bauer (ARRL Bulletins)
* Cebik (10-X International)
* Colwell (Advanced Computer Controls and Link Communications
Repeater Controllers)
* deVolpi (AmSoft and World of Ham Radio Product Announcements)
* Dodell (Land-Mobile Radio, MARS Members)
* French, et al (Ham-Univ College and University Clubs)
* Hill (Antique and Older Tube Equipment, rec.radio.amateur.*
Working Group, "Glowbugs" Tube Homebrewing)
* Leadmon (MD/DC Activities)
* Madsen, et al (Iowa State Elmers)
* Meredith (F6FBB Packet BBS)
* Nerenberg (DX)
* Wier (Motorola HC11/HC16 and ICOM)
* Williamson, P (Many, AMSAT-related)

MEDIA (PUBLICATION/WRITING/BROADCASTING)

* Affens (CQ Magazine)
* Bertolino (SWL Page of Radio Rivista, Italy)
* Bloom (QEX)
* Buelow (TAPR BBSSIG User Education Working Group)
* Cebik (Technical Writing, FAQ's)
* Coletti, et al (Newsline)
* DeWolf (Media Relations for Clubs, Syndicated Columnist on Internet Matters)
* Lau (QST/QEX)
* Leavey (73 Magazine RTTY Loop Column)
* Leynes (Editor-in-Chief, Youthnet News)
* Lloyd (QRZ! Ham Radio CDROM)
* Moell (Homing In Column and WWW Page)
* Moore (Co-Host, Ham Radio and More)
* Moseson (CQ Magazine Online Coordinator)
* Perens (Linux for Hams CDROM)
* Ruh (ATV Quarterly)
* Schleck (FAQ's and auto-faq)
* Seney (Macnet)
* Sussman (PACTOR News)
* Witte (Ham Magazines, Electrical Engineering Publications, and a few books)

MEDIUM FREQUENCY (MF, 160 METERS)

* Gray
* Stillinger
* Thomson (LF/MF Radiobeacon DX'ing)
* Zurn

MICROWAVE

* Goerg (Webb Laboratories RF/Microwave CAE WWW Page)
* Gunton (Microwave Components/Techlock Distributing WWW Page)
* Hammill
* Lau (Transverters up to 24 Ghz)
* Reynolds (SHF)
* Stillinger
* van Vliet (including Power Amplifiers, Low-Noise Amplifiers, and Mixers)
* Veres (Commercial Radio through 12 GHz, 2.5 GHz ITFS TV)

MILITARY AFFILIATE RADIO SYSTEM (MARS)

* Alexander (Navy)
* Cartier (Army, CT Director for Emergency Operations)
* Dodell (Air Force, Mailing List)
* Gutstadt (Navy/Marine Corps.)
* Ingerson (Navy/Marine Corps., ME Area of Region ONE)
* Taylor (Air Force)

MOBILE/PORTABLE/FIELD DAY

* Ammar (Portable and Field Day)
* Carruth (FM and HT's)
* Chahine
* Cieslak, B (Field Day, Category 2A)
* Cieslak, C
* Estes (Bicycle HF)
* Gray
* Hare (RFI issues)
* Hill (including MF, HF)
* Humphries
* Job (Maritime Mobile Service Net)
* Keller (HF)
* Salyzyn (HF CW)
* Shelton, J (Field Day)
* Stiegler (Manager, Maritime Mobile Service Net)

NATIONAL TRAFFIC SYSTEM (NTS)

* Elmore
* Goldstein (NCS FL Net, Packet)
* Salyzyn (Canada)
* Zurn (Europe)

NORTH AMERICAN CENTER FOR EMERGENCY COMMUNICATIONS (NACEC)

* Addy (Executive Director and WWW Page)

NOVICE/TECH INSTRUCTION

* Anthony
* Bellville (K-12 Educator and Consultant)
* Bono (AutoExam/AutoCW)
* Chilton
* Cieslak, C
* Deutschmann
* DeWolf (Ottowa Valley, Canada Instructor)
* Glago (Public Service for Beginning Amateurs)
* Gray
* Hill (CW Learning Hints)
* Larson
* Madsen, et al
* Maia (W5YI Group Education Division)
* Muenzler
* Myers (including Basic Electronics and Communications Theory)
* Paperman
* Redding
* Reeves
* Stader
* Twigger (Amateur Radio Exam Practice WWW Page)

PACKET AND DIGITAL NETWORKING

* Ackermann (including TCP/IP, TAPR, Net-SIG, and Kantronics D4-10
19.2kBaud Radio Modems, Joint IP Coordinator for Ohio Subnet)

* Angus (TCP/IP, NOS, UUPC, Tnet, and SNEWS, SCO Xenix, Windows 95,
IP Coordinator for CA - LA County Subnet)
* Bellville (including Rose)
* Bloom (ARRL CNC Contact)
* Buelow (TAPR BBSSIG User Education Working Group)
* Cieslak, C
* Coffman (GRAPES 56 kBaud Radio Modems)
* Cole (TCP/IP and NOS)
* Coyle
* Dawson (Linux HAM and AX.25 HOWTO's, ampr.org IP Coordinator for
Sydney, Australia, Internet Gateways)
* Deutschmann
* Dodell (IP Coordinator for AZ Subnet)
* Elmers
* Goldstein (TAPR TNC-2 Firmware, Packet Radio and TAPR WWW Server)
* Graham (KAMterm)
* Gray
* Huntting (KaWin WWW Page)
* Ingerson (TCP/IP, IP Coordinator for Maine Subnet)
* Karn (SQPSK Software Modem for Amateur Satellites)
* Leadmon (IP Coordinator for MD Subnet)
* Leynes (TCP/IP)
* Madsen, et al (Iowa State Elmers)
* Meredith (AZ VHF/UHF Digital Coordinator, F6FBB Packet BBS Mailing
List and Support BBS)
* Merritt (GRAPES WWW Page)
* Nerenberg (TCP/IP)
* Nielsen (TAPR)
* Reynolds (TCP/IP over HF)
* Salyzyn (Canadian)
* Sayer (VHF)
* Schleck (MACA)
* Schliesser (Joint IP Coordinator for Ohio Subnet)
* Seney (Macnet)
* Sproul, K (APRS)
* Sproul, M (APRS, including WWW Page)
* Stader (TCP/IP and Macintosh)
* Vail (TCP/IP, TAPR/9600)

PART-15 BROADCASTING

* Ornitz

POWER SUPPLIES

* Cieslak, C
* Gray
* Muenzler
* Myers
* Sefranek

PRODUCT INFO/FEEDBACK

* Bono (AutoExam, AutoCW, et al)
* Coffman (GRAPES 56 kBaud Radio Modems)
* Colwell (Advanced Computer Controls and Link Communications
Repeater Controllers Mailing Lists)
* Crick (Ham University for Windows)
* Dawson (Linux HAM and AX.25 HOWTO's)
* deVolpi (AmSoft and World of Ham Radio Product Announcements
Mailing List and WWW Page)
* Douglas (DF Systems WWW Page)
* Drechsel (Collins Radio Virtual Museum WWW Page)
* Gilhuly (Kentrol and SkedMan, FTP Archive and WWW Page)
* Gunton (Microwave Components/Techlock Distributing WWW Page)
* Huntting (KaWin WWW Page)
* Keezer (HamView WWW Page)
* Kile (North American Amateur Radio Equipment Dealers WWW Page)
* Lloyd (QRZ! Ham Radio CDROM, FTP Archive and WWW Page)
* Merritt (GRAPES WWW Page)
* Moell (Radio Direction Finding Equipment)
* Muncey (Terry Muncey dba Radio Era Schematics and Documentation
Archives WWW Page)
* Paperman (Manuals, Service Information, and Literature)
* Pascal (Swisslog Ham Radio Log Program)
* Perens (Linux for Hams CDROM, WWW Page and Mail Server)
* Seney (Macnet, including Anonymous FTP Archive and WWW Page)
* Strobel (K6PBT Dealer Directory WWW Home Page)
* Wier (ICOM Mailing List)

QRP (LOW POWER)

* Adams (QRP-L Mailing List, Standardized Info Sheets on QRP Rigs)
* Cebik (Periodicals, Electronics Books, and Antenna Books Lists)
* Halbert (HF)
* Muenzler
* Stockton
* Zurn

QUARTER CENTURY WIRELESS ASSOCIATION (QCWA)

* Cebik
* Cieslak, C
* Phillips
* Walsh (WWW Page)
* Williamson, G

RADIO AMATEURS OF CANADA (RAC)

* Pulfer (Treasurer, Webmaster, and WWW Page)

RADIO FREQUENCY INTERFERENCE (RFI)

* Elmore
* Gray
* Halle (AZ Repeater Association Interference Committee Chairman)
* Hare (including Automotive, Telephone, and Cable Television)

* Muenzler
* Myers
* Paperman
* Sefranek
* Stockton
* Thomson (Telephone and Lightning Protection)

RECIPROCAL LICENSING/FOREIGN OPERATION

* Andrews (New Zealand)
* Bertolino (Italy)
* DeWolf (Belize and Canada)
* Kumagai (Japanese Operating in the United States)
* Lao (Philippines)
* Lynch (Foreigners Operating in Japan)
* Reis (Brazil)
* Salyzyn (Canada)
* Stockton (UK)
* Witte (Japan)
* Zurn (Italy and Germany)

REPEATERS

* Bellville (2m/6m/440)
* Chilton
* Cieslak, C
* Colwell (Advanced Computer Controls and Link Communications
Repeater Controllers Mailing Lists)
* DePolo (VHF/UHF Design and Construction, Database Manager -
EPA/SNJ Repeater Coordination Council)
* DeWolf (Repeater Linking, St. Lawrence Valley Repeater Council
Frequency Coordinator, Past President of the Champlain Regional
Repeater Association)
* Gilbert (State Frequency Coordinator, TX VHF-FM Society)
* Gray
* Halle (AZ Repeater Association)
* Keller (220 Mhz)
* Killebrew (VHF and UHF)
* Madsen, et al
* Phillips
* Rose (AZ Repeater Association)
* Sefranek (Building and Maintaining)
* Wilkins (including UHF)
* Witte (VHF and UHF)

SATELLITES/ORBITAL SATELLITE CARRYING AMATEUR RADIO (OSCAR)/SHUTTLE AMATEUR
RADIO EXPERIMENT (SAREX)

* Bertolino (RadioSputniks and DOVE Telemetry)
* D Alessio (Branson School SAREX Project Coordinator)
* Estes (Mostly Analog, Some Digital, and SAREX)
* Gilbert

* Karn (SQPSK Software Modem)
* Marchant (SAREX School Group Technical Mentor)
* Roth (Portland, OR Area AMSAT Coordinator, All Modes including AO-13 Mode S and Weather Satellites)
* Stillinger
* Vekinis (Picosat System and WWW Page)
* Williamson, P (InstantTrack, OrbitDRV, AMSAT Services)

SCOUTING

* Ammar
* Cieslak, B (Radio Merit Badge Advisor)
* Goldberg (ScoutRadio WWW Page)
* Halle (Explorer Post Advisor)
* Muenzler
* Sohl (Radio Merit Badge Counselor)

SEARCH FOR EXTRATERRESTRIAL INTELLIGENCE (SETI)

* Smit (WWW Page)

SEMINARS/LECTURES

* Humphries
* Redding
* Sohl
* Sussman (Speaker and Host of PACTOR Forum at Dayton Hamvention)

TELEVISION, FAST-SCAN (ATV)

* Chilton
* Hammill
* Larson
* Pawson (British Amateur Television Club WWW Page)
* Phillips
* Ruh (ATV Quarterly)
* Veres (UHF and 2.5 GHz ITFS TV)

TELEVISION, SLOW-SCAN (SSTV)

* Cieslak, C
* Langner (including WWW Page)

TUSCON AMATEUR PACKET RADIO (TAPR)

* Ackermann (Net-SIG)
* Buelow (BBSSIG)
* Goldstein (WWW Page, TNC-2 Firmware)
* Nielsen (File Server and E-mail Contact)

UNIX

* Angus (including SCO Xenix TCP/IP and Sendmail)
* Carruth (System Administration, Phoenix, AZ Linux Users Group)
* Cole (including Linux)

* Dawson (Linux HAM and AX.25 HOWTO's)
* Ehrlich
* Killebrew (including Linux and TNOS)
* Nerenberg (especially System Administration, Networking, and Electronic Mail)
* Perens (Linux for Hams CDROM)
* Salyzyn (including NeXTSTEP)
* Sayer (especially SunOS)

VERY HIGH FREQUENCY (VHF)/ULTRA HIGH FREQUENCY (UHF)

* Ammar
* Bellville (2m/6m/440 AM/FM/SSB/Packet/QRP/Repeaters)
* Cook (EME and Weak Signal, including WWW Page)
* Coyle
* DePolo (VHF/UHF Repeaters, Weak Signal, and Contesting)
* Deutschmann (Radio Amateurs International Awards Registry)
* Gapinski
* Glago (including Public Service Communications)
* Gray
* Hammill (including ATV, Weak Signal, and DX)
* Humphries (2m FM)
* Killebrew (VHF and UHF Repeaters)
* Larson (Weak Signal)
* Lau (CW/SSB to 222 Mhz)
* Reynolds (VHF/UHF)
* Silva
* Sohl
* Stillinger
* Thomson (Commercial VHF and UHF)
* Veres (Amateur and Commercial Radio and UHF TV)
* Wilkins (UHF Propagation and California Amateur VHF Enthusiasts WWW Page)
* Witte (including VHF and UHF Repeaters, Portable, Mountaintopping, and Colorado 14er Radio Event)

VOLUNTEER EXAMINER (VE) AND INDUSTRY (COMMUNICATIONS) CANADA (IC) EXAMINER PROGRAMS

* Ardai (ARRL VEC Mailing List)
* Cieslak, C
* DePolo (Univ. of Pennsylvania ARC VE Team Leader)
* DeWolf (Industry Canada Designated Examiner)
* Gray (ARRL and Arkansas Area Team Liaison)
* Jahnke (ARRL VEC Manager)
* Kohnen (W5YI)
* Kumagai (Tokyo, Japan W5YI Contact VE)
* Maia (W5YI VEC)
* Paperman
* Reeves
* Sefranek (ARRL and W5YI)

* Shelton, P

-----BEGIN PGP SIGNATURE-----
Version: 2.6.2

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XArbfo7UbE6Diz+DLORGXhjXgqb01uoIRantbbOJZUGOetjkxbANiKnKlySCYLWf
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=56x2
-----END PGP SIGNATURE-----

378. Yaesu Ft747GX problem

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: dslosty@usa.pipeline.com
Message-ID: <4u4a5v$37v@news1.t1.usa.pipeline.com>
Source record: 219516

Hi,

I've got a Yaesu FT747GX HF transceiver with
an intermittent/erratic problem. Periodically, while
transmitting, the RF meter pegs at maximum but the output
of the transmitter on a RF wattmeter drops to near zero.
It seems like the transmitter is putting out wideband garbage.
I removed the excitation/drive from the final RF amp assembly
and the symptoms continued. It seems like the RF amp is
taking off due to a parasitic oscillation.

Symptoms first showed up on the 20 meter band but by
moving several bypass and coupling caps near the toroidal
output transformer, the symptoms now more often appear
on the 30 meter band. I may have changed the parasitic's
frequency or changed stray coupling.The related mica capacitors
seem ok when tested but that doesn't mean that they are not
breaking down during high RF voltages. Outside of shotgunning
it and simply replacing most components in the final RF asembly
(time consuming and costly), does anyone have any ideas??

Thanks,
Doug

379. Re: German Ham Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: gelleric@kafka.informatik.uni-stuttgart.de
Message-ID: <4u4ea3$m5f@zdi.informatik.uni-stuttgart.de>
Source record: 219517

In article <4u1bh1$3ot@nnrp1.news.primenet.com>, kc7gnm@primenet.com (Greg Thompson) writes:
|> Hello all, My name is Greg and I am in the Army. I am on orders for
|> Germany, specifically Wiesbaden. If anyone from that area can give me
|> the freqs that they use for packet radio and other things in the area
|> and also any clubs or whatnot I would like to know. I already have the
|> paperwork to get a recipical license for over there and am excited
|> about it. Thanks in advance.
|>
|> 73

Hello Greg,

Wellcome to DL. I have a list of all paket and voice repeaters in DL and
will mail it to you directly (tomorrow, as I do not have the file here in qrl).
About clubs: there surely is a local group of the german amateur radio club
DARC. As far as I know, they do not have a web page, but I'll send you
their telephone number.

vy 73,

Wolfgang DJ3TZ

380. Re: German Ham Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: cunliffe@frontiernet.net
Message-ID: <4u4hie$10j0@cheatum.frontiernet.net>
Source record: 219518

Burt Fisher <kotzebue@juno.com> wrote:

>John R. Cunliffe wrote:
>>
>> Not a place where you should be Burt.

>I can understand why you say that with your Jew hating Ruthie.
>Can we try 75 meters again?

sorry Burt but our antennas are mostly down due to reconstruction of
the beam's. As soon as the 80m wire beam is back up I will let you
know here on the news group include time and date.
Your private mail to our accounts on the internet is filtered out so
this will be your only means for contact. Open for everybody to read
and join.
Regards
John
>
>#================#==#
>| Burt Fisher | Teacher of video, broadcasting and electronics |
>| Amateur call | South Dennis, Ma. (Cape Cod) |
>| K1OIK | Mr. Happy should not be happy all the time. |
>#================#==#
>| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
>#===#

====================================
John R. Cunliffe N2NEP
cunliffe@frontiernet.net
http://www.frontiernet.net/~cunliffe

381. Re: dl5NAZI

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: kwp@rai.ping.at
Message-ID: <6EH6uuGk-jB@rai.ping.at>
Source record: 219519
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

> moritz@ipers1.e-technik.uni-stuttgart.de wrote:
> Mr Burton Fisher here on the Net ... Surely you followed his long flame
> on war on german amateurs and nazis. There is nothing positive to such
> input...
And Burt Fisher, again and again:
> Read "Hitlers Willing Executioners", a best seller in this country.
> You will read that ordinary Germans made the holocaust possible.
> You will read that even after Himmler ordered the killing of Jews to stop
> ORDINARY Germans, like you, kept killing and torturing.

Moritz,
I am saddened and disgusted by Burt's and some others' irresponsible
posts, and one could just call them stupid bullshit and ignore them,
but...
it is not *ordinary* Germans or Americans or any others who were and are
responsible for the horrible atrocities done to innocent people all over
the world - it is people like Burt and his kind who prepare the ground to
make such thinks happen again: Flames -> hatred -> resentments ->
nationalism -> racism -> genocide, this is the chain-reaction caused by
all these "innocent" remarks, and a dangerous combination of ignorance,
arrogance, and utter narrow-mindedness. Burt and his kin combine a horizon
of zero degrees with (to quote him) "believing 100%" what they say.
It is very simple: possibly without even being aware of it they have blood
on their hand whenever they shout : beware of butchers!
I hope somebody will tell Burt and his friends what amount of damage they
do with such provocations and invite them to either shut up or go
somewhere else where they are more welcome.

Wolf

Wolf HARRANTH OE1WHC InterNet: kwp@rai.ping.at
Radio Austria International Fido : 2:310/39.44
A-1136 Vienna Packet : OE1WHC@OE1XAB.AUT.EU
Austria/Europe Fax : +43/1/87 87 8-44 04

CrossPoint v3.1 R

382. re: Burts wife was insulted

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: timhynde@ix.netcom.com
Message-ID: <4u4ica$q2b@dfw-ixnews9.ix.netcom.com>
Source record: 219520

From: timhynde@ix.netcom.com (Tim Hynde)
Subject: Re: Burts wife was insulted
To: kotzebue@juno.com

Burt wrote:

>Attack me, OK. But what is the point of attacking people that were
>not in any way involved?

Uh, you had better re-think this one old boy, werent you the one saying that if your German it's in your genes to kill? Doesn't seem to me that that grandchildren of the soldiers who commited terrible crimes during WW2 had much control over what their grandfathers did, yet you make horrible generizations about people who where "not in any way involved". Is your wife somehow immune to this treatment?

383. Re: Burts wife was insulted

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: cunliffe@frontiernet.net
Message-ID: <4u4hoq$10j0@cheatum.frontiernet.net>
Source record: 219521
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Burt Fisher <kotzebue@juno.com> wrote:

>Tim Hynde wrote:
>>
>> Hey Burt I have a news flash for you, when you make the kind of irresponsible
>> posts that you make there is a good chance people are going to say unkind things
>> about you and possibly your family.
>
>> Based on all the unkind and downright rude things you have posted I cant belive
>> you have the balls to cry about someone spreading rumours in front of your
>> daughter or insulting your wife.

>Attack me, OK. But what is the point of attacking people that were
>not in any way involved? So I can attack your wife if you get me mad?

But he is attacking my wife for comments I made.
Nice doing Burt.

>
>#================#===#
>| Burt Fisher | Teacher of video, broadcasting and electronics |
>| Amateur call | South Dennis, Ma. (Cape Cod) |
>| K1OIK | Mr. Happy should not be happy all the time. |
>#================#===#
>| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
>#===#

====================================
John R. Cunliffe N2NEP
cunliffe@frontiernet.net
http://www.frontiernet.net/~cunliffe

384. Re: JAMMERS ON 2 METER

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <DvnLM9.7yw@news.hawaii.edu>
Source record: 219522

Anthony Gold <tgold@panix.com> wrote:
>A large but finite number of channels multiplied by a finite number of
>modes will still yield a finite product. I still can't get that final
>step from very large to infinite.

Just divide by zero, Tony. That always works.
KH2PZ

385. Looking for ZL station owning "B & B"

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: lhaas@pratique.fr
Message-ID: <lhaas-0508961312120001@ts6-p16.dialup.iway.fr>
Source record: 219523

To ZL stations

A friend of mine, F6GOX (ex TK5BL and FJ5BL), is going to New Zealand for holidays in October.

He's looking for amateur radio stations owning "B & B" overthere.

If so, please answer to me directly. I'll pass him your answer.

Best 73

Larry - F6FVY - Paris


```
------------------------------------------------------------+
| | Laurent HAAS - F6FVY |
| / | |
| / / / | Snail mail : 23 Rue de la Duee - Boite 16 |
| /--/--/ | F-75020 PARIS (FRANCE) |
| / / | Packet radio : F6FVY@F6ABJ.FRPA.FRA.EU |
| | e-mail : lhaas@pratique.fr |
+------------------------------------------------------------+
```

386. Some ants don't need guy wires?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: ezwriter@netcom.com
Message-ID: <ezwriterDvnu0p.96w@netcom.com>
Source record: 219524

Neighbor has huuuge ,60ft? ham ant, on a trianglur shaped tower looks like Yagi with no guy wires. Friend was worried it might fall down. He doesnt use it ,jsut moved in there. Doesn't need guy wires?
2) how would u get it down?
--

.sigmund: "I think,ez, you're using the Net to replace the puppy you lost as a child." "What banana?" "What?" "Huh?" ezwriter@netcom.com http://www.mainelink.net/~writer/poster/Poster.html

387. Re: Vanity Callsign Lists

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: nj8x@ix.netcom.com
Message-ID: <3205d900.2638597@nntp.ix.netcom.com>
Source record: 219525

Gary, try the following site. All available 1X2 or 2X1 call signs
are listed there.

www.ultranet.com/~bob/

73, Dale, NJ8X

On 31 Jul 1996 18:10:01 GMT, "Gary Coombs" <gary@netsystems.com>
wrote:

>Are there any lists of currently available vanity callsigns?
>
>Just got my old call back from 1957 !!!!
>
>Am tossing around the possiblity of trying for a W by 2 call when the gate
>comes open.
>
>Tnx,
>Gary, K9IDU
>

388. IPS Solar and Geophysical Summary - July 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <4u3me8$hq2@flare.syd.ips.oz.au>
Source record: 219526
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS MONTHLY REPORT - JULY 1996
ISSUED BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.

1. SOLAR-GEOPHYSICAL INDICES

SOLAR LEARMONTH AUST
Day 10 cm flux A-INDEX T INDEX
01 Jul 70 7 12
02 Jul 70 5 18
03 Jul 69 11 17
04 Jul 69 7 17
05 Jul 69 12 16
06 Jul 68 6 12
07 Jul 72 6 12
08 Jul 82 11 10
09 Jul 84 4 15
10 Jul 80 4 9
11 Jul 77 4 9
12 Jul 74 9 12
13 Jul 70 7 12
14 Jul 68 7 16
15 Jul 67 10 18
16 Jul 67 6 10
17 Jul 67 7 14
18 Jul 65 8 9
19 Jul 66 4 7
20 Jul 65 8 14
21 Jul 65 7 3
22 Jul 66 6 7
23 Jul 67 5 7
24 Jul 66 4 0
25 Jul 68 7 0
26 Jul 70 5 10
27 Jul 73 3 6
28 Jul 76 10 9
29 Jul 78 4 21
30 Jul 80 6 12
31 Jul 80 11 6

10 CM FLUX SUNSPOT NUMBER A-INDEX AUST FLARES
LEARMONTH T INDEX
Monthly Monthly Yearly Monthly Monthly >M1.0
Month Average Average Average Average Average

Jul 95 73.8 14.6 17.3 7.1 21.7 0
Aug 95 73.8 15.1 15.8 7.7 24.1 0
Sep 95 72.1 12.3 13.8 10.9 14.0 0
Oct 95 78.1 21.7 12.5 12.7 0.7 3
Nov 95 74.2 9.4 11.7 7.8 9.0 0
Dec 95 75.2 10.8 11.2 8.8 -2.7 0
Jan 96 74.6 12.0 10.8 9.0 10.9 0
Feb 96 71.5 4.4 p10.3 9.7 6.1 0
Mar 96 70.6 9.2 p10.0 10.4 1.4 0
Apr 96 69.1 5.1 p9.5 9.4 4.1 1
May 96 69.7 5.6 p9.2 7.2 7.8 0
Jun 96 69.5 11.8 p9.5 5.5 8.1 0
Jul 96 71.2 8.8 p9.8 6.8 11.0 3

IPS Predicted (Yearly Smoothed) Sunspot Numbers (p)

Latest T-Indices for IPS Advanced Stand-Alone Prediction System-(ASAPS)
Last update: July 1995 Solar-Geophysical Summary

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
1990 151 128 135 128 127 139 137 138 142 137 123 133
1991 143 176 170 163 136 120 141 124 136 130 120 130
1992*153*173*155*134 *96 *80 89 66 67 66 84 89
1993 75 77 79 64 63 65 62 49 37 40 34 44
1994 57 42 43 26 16 16 23 17 19 19 20 22
1995 25 34 24 13 2 11 12 11 12 10 16 *13
1996 15 11 11 8^ 7^ 6^ 6^ 5^ 4^ 4^ 4^ 4^
1997 5^ 5^ 5^ 6^ 6^ 7^ 8^ 8^ 9^ 10^ 12^ 13^
* = New data. T index may have changed.
^ = IPS predicted T index

The IPS Monthly T-index is derived from the observed monthly median values
of foF2 for each hour at up to 40 ionospheric stations worldwide.
These records become available from IPS stations in Australia very soon after
each month, but the majority are received up to one year later.
This means that the exact observed value of the monthly T-index is not
available until some months later.

The predicted smoothed monthly T-indices are computed by using a statistical
analysis of the observed monthly T-indices for all solar cycles since 1938.
The IPS T-indices may not be updated each month but only when sufficient new
data becomes available.

==========

2. FLARES AND SHORT-WAVE FADEOUTS
DATE CLASS M CLASS X FADEOUT POSSIBLE
FLARES FLARES ON DAYLIGHT CIRCUIT
09 Jul 1 1 0144-0210UT
0905-0915UT
10 Jul 1 0341-0410UT

2.1 Comments on Solar Activity.
Solar activity was generally low during July, with the solar disk being without spots for a considerable interval (14-27 July as observed by the IPS Cuslgoora Solar Observatory). The most remarkable feature of the month was the large (X2.6) flare which occurred on 9 July. This is the first X-class event since November 1992.

The ten centimetre solar flux dropped to very low levels during the month (64.9 on 18 July) due to the low level of solar activity and also the geometry of the earth's orbit around the sun.

==========

3. GEOMAGNETIC DISTURBANCES (for Learmonth, WA)

DATE COMMENTS
No significant disturbances observed.

==========

4. IONOSPHERIC DISTURBANCES (for Sydney)
25-27 Jul: Daylight depressions of 10-30% across northern Australia.
31 Jul: Daylight depressions of 10-30% across northern Australia.

Night-time Spread F was observed at most stations 9 - 19 July.
Occasional Sporadic E was also observed during this period.

==========

5. IPS WARNINGS AND ALERTS ISSUED

WARNINGS:
HF RADIO WARNING:
ISSUE DATE NO BEGIN END
NONE ISSUED

GEOMAGNETIC WARNING:
ISSUE DATE NO BEGIN END
10 Jul 8 11 Jul 11 Jul

ALERTS:
10 Jul: Flare

SWF ALERTS AND DURATION REPORTS
DATE SWF BEGIN-END (UT)
09 Jul 0144-0210 UT
10 Jul 0341-0410 UT

--
IPS Radio and Space Services | email: rwc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/rwc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/rwc/
tel: +61 2 94148300 | fax: +61 2 94148331

389. Southwest Florida Ham Web Site

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: kq4ym@ix.netcom.com
Message-ID: <kq4ym-0508960736220001@ftm-fl1-03.ix.netcom.com>
Source record: 219527

There is a web site called Southwest Florida Online that provides good info for hams in the area as well as visiting hams. Callbooks, listings of all hams in the tri-county area, repeater info, information, maps, and points of interest about the southwest Florida counties of Hendry, Glades, and east Lee county. Included are the towns of LaBelle, Clewiston, Lehigh Acres, Moore Haven, Palmdale, Alva and Felda.

All of these areas are also known for their great outdoor recreation and freshwater fishing on Lake Okeechobee and the Caloosahatchee River and the area's smaller lakes. The web address is:

http://members.aol.com/browne

--
NEW Web Site - Southwest Florida Online
located at:
http://members.aol.com/browne

390. Re: The "I" man is a ham HI HI

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <4u4n08$9ee@jupiter.planet.net>
Source record: 219528

> wa2ise@netcom.com (Robert Casey) writes:
> oh, you didn't mean to talk about Imus in the morning? nevermind.... :-)
>
>
>>>>
i don care if it rains or freezes
long as i got my plastic jesus
mounted on the dashboard of my car
i can go a hundred miles an hour
long as i gots the almight power
glued up there by my pair of fuzzy diii ice

Hi ya friends the right reverend Dr Bill Sol Hargus
coming at you from DelRio Texas,
The goldend buckle of the bible belt.....

391. Re: German Ham Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: kc7gnm@primenet.com
Message-ID: <4u4p51$i3v@nnrp1.news.primenet.com>
Source record: 219529

cunliffe@frontiernet.net (John R. Cunliffe) wrote:

>Burt Fisher <kotzebue@juno.com> wrote:

>>John R. Cunliffe wrote:
>>>
>>> Not a place where you should be Burt.

>>I can understand why you say that with your Jew hating Ruthie.
>>Can we try 75 meters again?

>sorry Burt but our antennas are mostly down due to reconstruction of
>the beam's. As soon as the 80m wire beam is back up I will let you
>know here on the news group include time and date.
>Your private mail to our accounts on the internet is filtered out so
>this will be your only means for contact. Open for everybody to read
>and join.
>Regards
>John

I appriciate all the intelligent replies I have gotton. 5 replies to
my post and only one intelligent one in the bunch.

392. Re: LICENSE HELP

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: AC6V <AC6V@ix.netcom.com>
Message-ID: <3205F94D.57C5@ix.netcom.com>
Source record: 219530

Alex sansevieri wrote:
>
> I'M trying to get an 800 number to find out how can and where can i take
> the novice test.
> I hope somebody can send me any info I have dialing the 800 number in the
> handbook
> the I have.
> I'm in california LA and I will like to take it as soon as posible...
> Thank you in advance and I hope to hear you in the radio next
> time.....
>
> ALEJANDRO SANSEVIERI
> URUGUAY1@PRIMENET.COM

HELLO ALEJANDRO

You can find Exam Info at the ARRL Page at URL:

http://www.arrl.org/exams.html

Good Luck with the test and Amateur Radio.

73 (Best Regards)
Rod in San Diego

P.S. I will send you a list of examiners direct by E-Mail.

--
Hark for I have hurled my words to the far reaches of the earth!
What King of old could do thus??
..... AC6V

393. Re: German Ham Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: eusrdf@exu.ericsson.se
Message-ID: <4u51ar$on@cnn.exu.ericsson.se>
Source record: 219531

If my memory serves me correctly. The American amateurs located around the Wiesbaden/Frankfurt/Mainz area monitor 144.655 simplex. Good luck on your tour. I lived for two years up in the Dusseldorf area, but I was never under the SOFA (military) agreements.In article i3v@nnrp1.news.primenet.com, kc7gnm@primenet.com (Greg Thompson) writes:
>cunliffe@frontiernet.net (John R. Cunliffe) wrote:
>
>>Burt Fisher <kotzebue@juno.com> wrote:
>
>>>John R. Cunliffe wrote:
>>>>
>>>> Not a place where you should be Burt.
>
>>>I can understand why you say that with your Jew hating Ruthie.
>>>Can we try 75 meters again?
>
>>sorry Burt but our antennas are mostly down due to reconstruction of
>>the beam's. As soon as the 80m wire beam is back up I will let you
>>know here on the news group include time and date.
>>Your private mail to our accounts on the internet is filtered out so
>>this will be your only means for contact. Open for everybody to read
>>and join.
>>Regards
>>John
>
>I appriciate all the intelligent replies I have gotton. 5 replies to
>my post and only one intelligent one in the bunch.
>
>
>

Richard Fitzgerald
WA5UTF ex DJ0UY

394. Re: Fuck You Jim You Low Life

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: wjs@en.com
Message-ID: <3205fd85.3776312@news.en.com>
Source record: 219532
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

Ralph R Crapia <rcrapia@earthlink.net> wrote:

>Only if you mean it.
>
don't you mean there should be a colon between fuck you and asshole.
oops, he meant to post this to another news group.

395. Re: Burts wife was insulted

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <3206164E.20F9@juno.com>
Source record: 219533

Tim Hynde wrote:

> Uh, you had better re-think this one old boy, werent you the one saying that if
> your German it's in your genes to kill? Doesn't seem to me that that
> grandchildren of the soldiers who commited terrible crimes during WW2 had much
> control over what their grandfathers did, yet you make horrible generizations
> about people who where "not in any way involved". Is your wife somehow immune to this
treatment?

It is in my wife's genes to think like me?

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#================#===#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#===#

396. Re: "GMRS Personal Radio?" What is that?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: Steve Bramham <steve.bramham@turner.com>
Message-ID: <3205F20B.4F8A@turner.com>
Source record: 219534

Abraham Stavsky wrote:
>
> I recently saw an ad for a "GMRS personal radio"
> being sold at Radio Shack. Can anyone elucidate me
> on what this is? The ad went on to say, "FCC license
> required." What frequencies are we talking about here?
> What kind of wattage would an HT of this type have??

The GMRS service has been around for some time now. The frequencies used are in the 467MHz range and power is limited to 50 watts. You can apply for a license that your immediate family may use the radios. There are both simplex and repeater pairs available. When I was still in the two-way business I had two GMRS repeaters in operation in the Atlanta area. Reliable coverage was in excess of a 40-mile radius from the repeater location. GMRS formerly allowed business use of the frequencies but this has been discontinued. However there are still some businesses that were grandfathered in.

Good service to use for family communications. No phone patches allowed however.

Hope this helps some.

Steve Bramham

397. Re: Jew hating Ruthie

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <3206172A.16B@juno.com>
Source record: 219535

Cecil Moore wrote:

> Burt, everyone knows that Jewish people are prejudice against
> hams. :-)

Good one!!!!!

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#================#===#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#===#

398. Re: Burts wife was insulted

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: psikes@whidbey.net
Message-ID: <4u56b1$l7g@news.whidbey.com>
Source record: 219536
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

cunliffe@frontiernet.net (John R. Cunliffe) wrote:

>Burt Fisher <kotzebue@juno.com> wrote:

Can Burt get his own newsgroup and get off of this one? I am just
about ready to unsubscribe due to his diatribes of hate. It could be
the "alt.professional.asshole" would fit him perfectly. I pity his
students.

73 - Phil

399. Re: Jew hating Ruthie

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <320617F5.7720@juno.com>
Source record: 219537

If you really did read Hitlers Willing Executioner tell
me WHY you think it is what you allude to what it is?

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#================#===#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#===#

400. Re: Antenna patterns for Comet, Diamond base station antennas?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: randolph@asic.enet.dec.com
Message-ID: <4u501a$co@mrnews.mro.dec.com>
Source record: 219538
Cross-posted to: rec.radio.amateur.misc,alt.ham-radio.vhf-uhf

In article <32013453.5E09@apk.net>, Steve Wolf <no8m@apk.net> writes...
>Our Club repeater was treated to a brand new Diamond in the summer of
<snip>
>In taking it apart, we found that the clips used to keep the different
>internal parts together were steel. They ended up being balls of rust.

Yep, I used to have a Diamond 2m/440 antenna on my truck. Couldn't figure out why the 440 repeaters were all getting so weak all at once...duh! The loading coil at the base of the antenna was slowly sucking up water... Must have been 20 or 30 dB of attenuation on 440 by the time I figured it out. No more Diamond junk for this ham.

==========
Tom Randolph N1OOQ NE-QRP 419 QRP-L 87 ARRL randolph@asic.enet.dec.com
==========

401. Re: The "I" man is a ham HI HI

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <32061A8C.469E@juno.com>
Source record: 219539

Steve - KF2TI, NJ wrote:

> i don care if it rains or freezes
> long as i got my plastic jesus
> mounted on the dashboard of my car
> i can go a hundred miles an hour
> long as i gots the almight power
> glued up there by my pair of fuzzy diii ice
>
> Hi ya friends the right reverend Dr Bill Sol Hargus
> coming at you from DelRio Texas,
> The goldend buckle of the bible belt.....

The real "I" man!

#================#===#| Burt Fisher |
Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | Mr. Happy should not be happy all the time. |
#================#===#| k1oik@ccsnet.com
kotzebue@juno.com fisher@meol.mass.edu |
#===#

402. Re: K1oink

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <32061402.5114@juno.com>
Source record: 219540
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Bruce Micales wrote:

> That is the biggest load of B.S. that I have ever heard! Where is the
> evidence to back up such a statement (and the German Nation was around
> YEARS before WWI and WWII, plus the German Nation is Still present!).

Read the book, Hitler's Willing Executioners" The evidence is
all there and well documented. In fact documented back hundreds of
years.

>
> BTW, you just insulted my Mother (not to mention all those of German
> origin or descent on this NewsGroup) who is 100% German. Oh in case you
> cant do the math..that makes me 50% German!

Not all Germans are killers. There are those that disapproved of Hitler.

```
#================#=========================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | Mr. Happy should not be happy all the time. |
#================#=========================================================#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#=========================================================================#
```

403. Re: Jew hating Ruthie

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <3206182E.767A@juno.com>
Source record: 219541

If you really did read Hitlers Willing Executioner tell
me WHY you think it is what you allude to what it is?

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#================#===#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#===#

404. Re: Want to get into Ham radio-anyone recommend a radio?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: "Bill Turner, WB4ALM" <wb4alm@gte.net>
Message-ID: <32062755.4F48@gte.net>
Source record: 219542

Jim Kehler wrote:
>
> Q. What is the range of a 220 HT ?
>
> A. Three blocks. If you can hit a repeater, maybe 100 miles. If you can
> hit.....

How far is "a block?" - I don't have any of them around here.

/s/ Bill Turner, WB4ALM

405. Re: Burt's guts

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <32061A32.34DF@juno.com>
Source record: 219543

Gerald Schmitt wrote:

> How very school yard Burt. You have become boring. Boring and gutless
> how sad. I wouldn't dare to confront you Burt, all my German genes
> could get out of control. Stick to the 71 year olds Burt you can handle
> them.

That is exactly what the local ham said
He could not control himself either so he demurred
Thanks for telling me you are German

```
#================#=========================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | Mr. Happy should not be happy all the time. |
#================#=========================================================#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#=====================================================================#
```

406. Re: JAMMERS ON 2 METER

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: "Anthony R. Gold" <tgold@tgold.dialup.access.net>
Message-ID: <839268125snz@tgold.dialup.access.net>
Source record: 219544

In article <4u42jm$lpb@abyss.West.Sun.COM>
myers@West.Sun.COM "Dana Myers" writes:

> My example was not intended to confuse modes, but to point out an
> example of standardized "channels" where there is apparently a
> great amount of overlap. To make the jump from a finite count of
> channels to an infinite count, you need to accept that a "channel"
> of a given bandwidth can be located at any frequency - and there
> are an infinite number of frequencies. Whether some of these
> infinite potential channels overlap with others is irelevant.

!!!!!BZZZZT!!!!! !!!!!TILT!!!!! !!!!!FLASH!!!!!

I think you have just moved the ground which you staked out to
defend, and you moved it a very long way. May I remind you where
this started (well, started for me at any rate):

In article <4tu85g$hdh@abyss.West.Sun.COM>
myers@West.Sun.COM "Dana Myers" writes:

> In article <4tpbcb$b8j@anomaly.ideamation.com>,
> Michael P. Deignan <kd1hz@anomaly.ideamation.com> wrote:

> >Really? I transmit on 7030Khz. You transmit on 7031Khz. How many channels
> >are between those two frequencies?
>
> In theory, there are an infinite number of channels between those
> frequencies.

Your original position was that there was an infinte number of
channels between any two frequencies. You are now defending the
position that there is an infinite number of variants in center
frequency for whatever number of channels that can co-exist.

Please proceed to defend this in peace, because there is no one
hereabouts arguing against your newer proposition.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

407. Re: dl5NAZI

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <320615BD.47DA@juno.com>
Source record: 219545
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Wolf Harranth wrote:

> it is not *ordinary* Germans or Americans or any others who were and are
> responsible for the horrible atrocities done to innocent people all over
> the world - it is people like Burt and his kind who prepare the ground to
> make such thinks happen again: Flames -> hatred -> resentments ->

You write well but it indeed was the ordinary German that followed
Hitler. When the ordinary German opposed the demise of the churches
the Nazis relented. But the ordinary German went along with the
killing of the Jews. Read the God damn book or at least skim it.

> It is very simple: possibly without even being aware of it they have blood
> on their hand whenever they shout : beware of butchers!

I have blood on my hands? Surely you jest?
Chickens do not cut the necks of butchers

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#================#===#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#===#

408. Re: German Ham Radio 716 334 9779

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <3206195E.6B09@juno.com>
Source record: 219546

John R. Cunliffe wrote:
>
> sorry Burt but our antennas are mostly down due to reconstruction of
> the beam's. As soon as the 80m wire beam is back up I will let you
> know here on the news group include time and date.
> Your private mail to our accounts on the internet is filtered out so
> this will be your only means for contact. Open for everybody to read
> and join.
rds

Now it is you who shys away? But if you are truthful I can
wait. I know Ruthie will be freewheeling. As far as private email
I have contacted your clubs with your own messages.

> >#================#==#
> >| Burt Fisher | Teacher of video, broadcasting and electronics |
> >| Amateur call | South Dennis, Ma. (Cape Cod) |
> >| K1OIK | Mr. Happy should not be happy all the time. |
> >#================#==#
> >| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
> >#===#
>
> ====================================
> John R. Cunliffe N2NEP
> cunliffe@frontiernet.net
> http://www.frontiernet.net/~cunliffe

--
#================#==#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#================#==#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#===#

409. Re: HTX-202 doesn't like 5w through duckie

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: horak@convex.com
Message-ID: <4u5lnf$co8@eugene.convex.com>
Source record: 219547

In <4tt8is$h9u@news.pacifier.com> mikef@pacifier.com (Mike Freeman) writes:

>>Maybe so. But the HTX-202 DOES NOT like 5 watts out of a rubber
>>duck antenna. Can make the uProcessor go wacky.
>>
>Ahem ... that has not been my experience. I've run 5 watts using the
>HTX-202 and rubber ducks, stubby ducks, quarter-wave whips and 5/8-wave
>whips with absolutely no problem. The only time the processor went nuts
>was when I had the rubber duck right next to a metal window-frame. I
>suspect a lot of RF was reflected by the frame back at the radio. Turning
>the radio off and back on fixed the problem.

You're lucky. Most of us with 202s have seen the ER2 code many times. :-(
Sometimes, I get it when I use the duck with a BP8 power pack (not even 9v)!

Otherwise, I like the radio.

David

410. EComm News Distribution List

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: "Ronald G. Kruml" <kb7jcp@worldnet.att.net>
Message-ID: <4u5ke5$nkd@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 219548
Cross-posted to: rec.radio.amateur.misc,misc.emerg-services

Ecomm News is a weekly newsletter aimed at Amateur Radio Operators and Emergency Management Officials in the Pacific Northwest. The newsletter contains local announcements, public service opportunities, Amateur Radio news and information, Internet resources for Amateur Radio and Emergency Management, as well as a training topic.

The newsletter is published as a public service by King County Amateur Radio Emergency Service, Fire Zone 2.

To subscribe to the list, send e-mail to: listserv@listserv.aol.com

Enter the command line, SUBSCRIBE ECOMM-NEWS, in the body of the message.

For more information on the list, point your web-browser to:

http://ifrit.web.aol.com/mld/production/yiaz0823.html

73 and Thanks!

Ronald G. Kruml, KB7JCP
ARES Emergency Coordinator
Northeast King County, Washington, USA

Washington is Earthquake Country
"Prepare because you care"

411. Special call C4UWC

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: arisk@spidernet.COM.cy
Message-ID: <199608051408.RAA20393@mail0.spidernet.net>
Source record: 219549

Hi all, this to let you know that 5B(Cyprus) stations during the months of
august and september will be using the special call C4UWC/their suffix on
the occasion of the 5th World University Windsurfing Championship.
de Aris -5B4JE
Gen. Secretary of the Cyprus Amateur Radio Society(CARS)

412. Re: German Ham Radio 716 334 9779

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: cunliffe@frontiernet.net
Message-ID: <4u5p2m$15gc@cheatum.frontiernet.net>
Source record: 219550

Burt Fisher <kotzebue@juno.com> wrote:

>John R. Cunliffe wrote:
>>
>> sorry Burt but our antennas are mostly down due to reconstruction of
>> the beam's. As soon as the 80m wire beam is back up I will let you
>> know here on the news group include time and date.
>> Your private mail to our accounts on the internet is filtered out so
>> this will be your only means for contact. Open for everybody to read
>> and join.
>rds

>Now it is you who shys away? But if you are truthful I can
>wait. I know Ruthie will be freewheeling. As far as private email
>I have contacted your clubs with your own messages.

Thats fine Burt,
It just show's your character.I bet a lot of our friends in those
clubs who are Jew's will have a ball.
They probably stay home from work because they can hardly walk after
all the laughing about you.
And hey thanks for publishing my phone ## .I could have saved the $$
for having it published in the phone book.
After all it will save someone the pennies for the long distance
information service. To bad you had to spend it yourself. Next time
ask and I will give it to you. I don't want to be the cause of your
financial ruin. Let me know, if you need my fax ## ok?

Oh just so you don't forget,kotzebue is in the killfile too.

Regards,
A German thats proud to be a German

==========
John R. Cunliffe N2NEP
cunliffe@frontiernet.net
http://www.frontiernet.net/~cunliffe

413. Re: dl5NAZI

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: cunliffe@frontiernet.net
Message-ID: <4u5pha$10lc@cheatum.frontiernet.net>
Source record: 219551
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

kwp@rai.ping.at (Wolf Harranth) wrote:

>Moritz,
>I am saddened and disgusted by Burt's and some others' irresponsible
>posts, and one could just call them stupid bullshit and ignore them,
>but...
>it is not *ordinary* Germans or Americans or any others who were and are
>responsible for the horrible atrocities done to innocent people all over
>the world - it is people like Burt and his kind who prepare the ground to
>make such thinks happen again: Flames -> hatred -> resentments ->
>nationalism -> racism -> genocide, this is the chain-reaction caused by
>all these "innocent" remarks, and a dangerous combination of ignorance,
>arrogance, and utter narrow-mindedness. Burt and his kin combine a horizon
>of zero degrees with (to quote him) "believing 100%" what they say.
>It is very simple: possibly without even being aware of it they have blood
>on their hand whenever they shout : beware of butchers!
>I hope somebody will tell Burt and his friends what amount of damage they
>do with such provocations and invite them to either shut up or go
>somewhere else where they are more welcome.

>Wolf

Thank you for a very well written comment.

John
==========
John R. Cunliffe N2NEP
cunliffe@frontiernet.net
http://www.frontiernet.net/~cunliffe

414. Re: Novice test question.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: Gary Ross Hoffman <gary@carcs3>
Message-ID: <4u5mlg$6ke@newsreader.wustl.edu>
Source record: 219552

Can't swear to the veracity of this since I've not taken the
CW test myself, but I keep hearing that the 5wpm and 13wpm tests
are given using Farnsworth method.

Gary KB0QGE

415. http://www.msoft.it/noaa95/

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: aef@p90.msoft.it
Message-ID: <4u3bqu$8td@server-b.cs.interbusiness.it>
Source record: 219595

http://www.msoft.it/noaa95/

NOAA95 - HRPT program

Abstract: In this page you will find some info to build by yourself a
low cost ground station to receive HRPT images. All the software and
hardware are homemade by Roberto Ferrari and Enrico Falconelli and are
not intended for commercial purposes but for personal use only.

best regards! Enrico. <aef@p90.msoft.it>.

416. Re: Burt's guts

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: cgreenha@magnus.acs.ohio-state.edu
Message-ID: <cgreenha.424.32054B59@magnus.acs.ohio-state.edu>
Source record: 219596

In article <4u2e3r$hfq@dfw-ixnews2.ix.netcom.com> kc5egg@ix.netcom.com(Gerald Schmitt) writes:

>The Burtster is a real expert on guts, apparently he spends his HF time
>challenging 71 year old hams to physical confrontations. This a really
>dangerous undertaking and we should all applaud Bert's courage. Old
>Burt does challenge people more his own age if they are sufficiently
>far away. Sorry Burt I'm just not impressed with your schoolyard macho
>antics. If the guy down the street doesn't respond to your challenges
>it is out of maturity not fear. It is you sir who are the coward
>woofing on the internet where the possibility of a real confrontation
>is extremely remote. Perhaps you should try and learn some new social
>skills from your students.

What was that old saying? Something about a black pot and a kettle...

>

Christopher K. Greenhalgh, N8WCT
Computer/Electronic Tech. II at The Ohio State University
E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

417. Re: K1oink

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: bmicales@facstaff.wisc.edu
Message-ID: <4u3j06$1bu0@news.doit.wisc.edu>
Source record: 219597
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <32049155.5C67@juno.com>, kotzebue@juno.com says...
>
>Peter Lemken wrote:
>
>> >You will read that even after Himmler ordered the killing of Jews to
stop
>> >ORDINARY Germans, like you, kept killing and torturing.
>> > ^^^^^^^^
>>
>> That actually is the greatest bullshit I have ever read on usenet.
You are
>> insinuating that a student like Moritz is capable of killing and
>> torturing. My, oh my, your brain really needs some rest, Burt. Why
don't
>
>
>You are correct. If you are German it is in your genes to kill and
>torture.

Burt,

That is the biggest load of B.S. that I have ever heard! Where is the evidence to back up such a statement (and the German Nation was around YEARS before WWI and WWII, plus the German Nation is Still present!).

BTW, you just insulted my Mother (not to mention all those of German origin or descent on this NewsGroup) who is 100% German. Oh in case you cant do the math..that makes me 50% German!

Bruce Micales
WA2DEU

418. Re: Jew hating Ruthie

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: Cecil Moore <w6rca@worldnet.att.net>
Message-ID: <4u3l17$bl6@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 219598

Burt Fisher <kotzebue@juno.com> wrote:
>Most readers will not "get it", but evil triumphs when good people look
>the other way. Are hams like Mark Fuhrman? No but they will look the
>other way.

Burt, everyone knows that Jewish people are prejudice against
hams. :-)

73, Cecil, W6RCA, OOTC

419. MFJ 1292 Video Digitizer

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: rekoss@ix.netcom.com
Message-ID: <4u3ngj$ic@dfw-ixnews8.ix.netcom.com>
Source record: 219599
Cross-posted to: rec.radio.amateur.digital,rec.radio.amateur.homebrew,rec.radio.amateur.misc

I splurged at the Jacksonville Hamfest this weekend, and picked up a video digitizer, MFJ's "Picture Perfect" Model MFJ-1292. I installed the board and software (v3.2) and fired it up. Now comes the problem: The program seems to be working properly, and seems to be responding to the camcorder. At least it knows when the camcorder is "on" or "off". Unfortunately, when I try to capture the video, nothing happens. The program says it is capturing video, but nothing ever gets into RAM. I have checked the specs, and the camcorder output signal is just what the MFJ board is (supposedly) looking for. Suggestions or comments would be appreciated - please E-Mail to rekoss@ix.netcom.com, or to kossr@edl1.ksc.nasa.gov. Thanks !

420. Re: Jew hating Ruthie

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <4u3pkh$5sd@jupiter.planet.net>
Source record: 219600

> Burt Fisher <kotzebue@juno.com> writes:
> Here is some more wisdom from the the wife of Mark Furhman?:
>
> ++
> + Ruthie Cunliffe (Hoffman), AA2IO +
> + ruthie@eznet.net +
> + ruthie@utd.rochester.edu +
> + fax#: 716-359-9368 +
> + Packet: aa2io@wb2vph.#wny.ny.usa.noam +
> ++
>
> From: Ruthie Cunliffe <ruthie@eznet.net>
> Subject: Re: fool
>
>
> As for your pal from Israel, well of COURSE he wouldn't have liked what I
> said!! Too many Jewish people live exclusively in the past and will NEVER
> let go of it, continue to beat to death what happened during WWII, and are
> so blind they can't see how THEY behave now. The behavior in Isreal is
> disgusting in its own right.
>
>
> And now my comment (Burt-K1OIK):
>
> Most readers will not "get it", but evil triumphs when good people look
> the other way. Are hams like Mark Fuhrman? No but they will look the
> other way.
>
>
>
>>>>
happy birthday to this happy birthday tthis
happyyy 1 year anniversary birthday to this posting

happy birthday to ittttttt

way to go burt..figured you get around to posting this again so glad i wasn't disappointed

BTW, read the book you've been touting. ranked right up there with the books
that suppose the holocaust never really happened. the bunch of them stink

421. Re: Jew hating Ruthie-more

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <4u3pmv$5sd@jupiter.planet.net>
Source record: 219601

> Burt Fisher <kotzebue@juno.com> writes:
> What do you think of the following message I received?
>
> Date: Sun, 03 Sep 1995 21:55:54 -0400
> To: k1oik@ccsnet.com
> From: Ruthie Cunliffe <ruthie@eznet.net>
> Subject: ham??
>
> Dear Burt,
>
> Your bizzare ramblings in the misc ham newsgroup have been rather entertaining.

note the date.. Burt yiou are the epitome of what you revile in hams the most..

you are boring

422. DR-605T mod needed

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-05 00:00:00 UTC
From: georgehe@unix.asb.com
Message-ID: <DvnAI9.FFp@news2.new-york.net>
Source record: 219602

Looking for the mod for the Alinco DR-605T. Any help is appreciated.

cannot be found at
---
yahoo
qrz
altavista
many ham web sites
oak.oakland.edu

help !

73 de n2oeo

423. Ton O' Radios - Correction!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: eldridge@cax.ES.xerox.COM
Message-ID: <3207C9F4.7F2A@cax.es.xerox.com>
Source record: 219353

Correction The event will not be this weekend, but the weekend of the 31st of August!

The Xerox Amateur Radio (XAR) club WD6CZH will be running the "Ton O' Radios" special event station this weekend. Our goal is to work over 2,000 pounds of radios. The exchange is your callsign and the weight of the transmitter and receiver (or transceiver) used to make the contact.

Time: 1600-2400 UTC
Date: 31-Aug-96
Freq: General portions of the 40M, 20M, and 15M bands
Novice portion of 10M band
WD6CZH repeater (near LAX) 449.325- 114.8PL

For a certificate, send a 9x12 inch SASE to XAR, 6940 Bacarro St., Long Beach, CA 90815-4805

424. Re: Antenna patterns for Comet, Diamond base station antennas?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug6.140859.18051@ke4zv.atl.ga.us>
Source record: 219354
Cross-posted to: rec.radio.amateur.misc,alt.ham-radio.vhf-uhf

In article <4tr1oq$fbb@elroy.jpl.nasa.gov> no6b@no6b.jpl.nasa.gov writes:
>I've heard a lot of rumors surrounding these multi-band low-cost high-gain omni
>base station antennas wrt beam uptilt, deep pattern nulls & overrated gain
>specs. Has anyone actually performed an elevation beam pattern measurement on
>either of these brands?
>
>Bob NO6B (KE6TZF)

Some of the early Comets and Diamonds sold in this country were
cut for the Japanese bands, IE 144-146 MHz and 430-440 MHz. When
used in our FM subbands, there was a problem. Besides the SWR
being a bit high in our repeater subbands, the phasing lengths
were wrong for the element stacks. That gave an undesirable upward
tilt to the main lobe, especially in our 70 cm repeater subband.

That problem has been solved for antennas imported more recently.
In fact, Comet has a 440 MHz repeater antenna offering 0.5 degree
electrical downtilt (in the 448 MHz region, which can be ideal for
a very high site repeater like mine). There is an obvious compromise
involved with the dual band antennas, and a phasing setup that gives
a good main lobe angle for one band isn't going to be ideal for the
other. I don't recomend using dual band antennas on repeaters for
this reason.

I haven't found significant azimuth pattern nulls with either of
these brands of antennas, if they are mounted correctly. Of course
if you side mount them, you will have pattern distortion due to
the mounting structure, but that's true with any antenna. (You
really need an antenna custom designed for the particular site
if you want a uniform pattern from a side mounted antenna. Usually,
though, you'll take advantage of the pattern distortion to favor
an area where terrain makes coverage difficult.)

Both makers exaggerate antenna gain figures. I think both
add about 3 db to the actual gain over a vertical dipole.
This is, unfortunately, typical of the amateur radio antenna
industry. They're better than Cushcraft though (and the
Ringo and Ringo Ranger *do* have distorted azimuth patterns).

The real differences between these two makes are mechanical
and environmental. The Comet antennas are typically less
rigid, but they tolerate wind whip much better than the
Diamonds. The Diamonds tend to suck up moisture (they use
open cell foam spacers and no weep holes). This can kill
the performance of a UHF antenna. They also use plain

plated steel hardware internally. These two factors mean
you'll quickly have intermittents due to corrosion. They
also use series capacitors for phasing, and the first good
lightning hit will pop the capacitors and it is time for a
new antenna.

Comet does things differently. They use "linear loading"
to phase the sections. This means that they don't need
foam spacers to keep the element centered (the phasing
loops do that), and it also means that they are DC grounded
throughout, so lightning has to actually melt an element
to damage it. They don't have weep holes either, however,
and it is a good idea to drill some before mounting the
antenna.

Commercial grade repeater antennas are better, of course,
but if you need a moderate gain antenna for a UHF repeater
and you can only do single point mounting, the Comet 440
repeater/base antenna suffices nicely, and for a *lot* less
money than a first class commercial grade antenna. I wouldn't
even consider a Diamond antenna anywhere where the humidity
ever gets above 40%, or where lightning may be a problem.

If you have heavy icing conditions, then just dig deep in your
pocket and buy a Cellwave from the very beginning, you're
going to have to do it sooner or later. (Get it cut, tuned,
and phased for your repeater's *receive* frequency. You
can make up for any tilt in transmit by upping the power
a bit, but you can't help receive if the main lobe is looking
at the birdies flying by, or the earthworms crawling below it.)

Trying to use a surplus commercial antenna cut and phased somewhere
in the 460-470 MHz land mobile band for an amateur repeater is going
to result in a pattern with lots more tilt than you can stand. Don't
waste your money or time with this approach. (Yeah, I know, people do
it all the time, but I'll bet they've never measured the tilt of the
main lobe, and don't know how much of the antenna's gain they are
wasting in a useless direction.)

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

425. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: Jon Bloom <jbloom@connix.com>
Message-ID: <3207E2A6.2392@connix.com>
Source record: 219355
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

Peter A. Klein wrote:
>
> Before people go ballistic over this, let's get the facts. Can someone

See http://www.arrl.org/news/rfsafety/

--
Jon Bloom, KE3Z
jbloom@connix.com

426. Have Ham Licence Plate

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: Roger <ac6bw@slip.net>
Message-ID: <3207EA94.40B8@slip.net>
Source record: 219356

I have 1 extra Ham license plate, AC6BW, CA. I will let it go for $5. That ought to cover postage and mailing materials. Please email responses to ac6bw@slip.net
73,
Roger

427. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: pklein@news.seattleu.edu
Message-ID: <4u89l1$fd0@handel.seattleu.edu>
Source record: 219357
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

Before people go ballistic over this, let's get the facts. Can someone find out what these rules actually say about amateur stations, if anything? What does "MAY" have to perform an RF environmental assesment mean? Does this apply to sporadic transmissions like ham stations, or only constant emissions like broadcast, cellular, relay towers, etc. Are frequencies taken into account in any way (certain parts of the VHF, UHF, and microwave spectrum have much greater potential for biological impact than HF or other frequencies. Is there a certain distance from an antenna to the nearest house, etc. that would exempt most of us? Also, don't all proposed new rules have to go through a comment process?

There already are "environmental impact" rules about antenna structures, and 99.9% of hams just check a "No" box on Form 610 and get on with their lives.

I'm sure the ARRL, not to mention many commercial organizations, would raise quite a squawk if every user of a 50+ watt transmitter in the U.S. had to file Love Canal-style paperwork. This would involve every police and fire department in the country, for starters.

73,
Peter - KD7MW

>In article vbook@vbook.com (Ed Mitchell) writes:
>
>:>The FCC has issued new rules regarding the evaluation of RF Emissions and
>:>health effects from all transmitters. As always, the devil is in the details
>:>and the details say that if you transmit over 50 watts, you may have
>:>to perform an RF emissions environmental assessment of your Amateur station.
^^^^^^^
Dan Morisseau <dpm3@seanet.com> wrote:

> Thanks, Bill! Thanks, Hillary!, Thanks, (the late) Ron Brown! Thanks,
>Daschle and Gephardt! Thanks psuedo-science enviro-hystricals! You gotta love
>it don't you, folks?

--
Peter A. Klein (pklein@seattleu.edu) : ------==3== --- ---
Information Services, ext. 5569 : | | | | | | | |
Seattle University : @| @| @| @| @| @| @| @|

428. IPS Daily Report - 06 August 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <4u8j3g$qk4@flare.syd.ips.oz.au>
Source record: 219358
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 06/2330Z AUGUST 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 06 AUGUST AND FORECAST FOR 07 AUGUST - 09 AUGUST

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 73/9

GOES satellite data for 05 Aug
Daily Proton Fluence >1 MeV: 2.9E+05
Daily Proton Fluence >10 MeV: 1.8E+04
Daily Electron Fluence >2 MeV: 5.1E+07 (normal)
X-ray background: A8.5
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
07 Aug 08 Aug 09 Aug
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 07 Aug: 70/5

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Quiet

Estimated Indices : A K Observed A Index 05 Aug
Learmonth 6 2212 2222
Fredericksburg 7 8
Planetary 6 7

Observed Kp for 05 Aug: 2321 2222

2B. MAGNETIC FORECAST
Date Ap Conditions
07 Aug 6 Quiet to unsettled
08 Aug 6 Quiet to unsettled
09 Aug 8 Quiet to unsettled

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band

Date Low Middle High
06 Aug Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
07 Aug Normal Normal Normal
08 Aug Normal Normal Normal
09 Aug Normal Normal Normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
06 Aug 5

Observed Australian Regional MUFs:
Darwin: Near predicted monthly values, with blanketing
sporadic E between 0400 and 1300UT and spread F
between 1400 and 2100UT.
Hobart: Near predicted monthly values with
night-time spread F.
Townsville, Sydney: Near predicted monthly values.

Predicted Monthly T index for August: 10

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
07 Aug 10 near predicted monthly values
08 Aug 10 near predicted monthly values
09 Aug 10 near predicted monthly values

A Windows version of the IPS HF prediction software, ASAPS, will
be available from early August 1996, for AUD350.
Upgrades from DOS versions 2.0 and higher will be available for
AUD50.
For more details, or to obtain a free demonstration copy, please
contact IPS.

--
IPS Radio and Space Services | email: rwc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/rwc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/rwc/
tel: +61 2 94148300 | fax: +61 2 94148331

429. burt fisher's very own newsgroup

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: lrware@aol.com
Message-ID: <4u8okq$pla@newsbf02.news.aol.com>
Source record: 219359

cunliffe@frontiernet.net (John R. Cunliffe) wrote:

>Can Burt get his own newsgroup and get off of this one? I am just
>about ready to unsubscribe due to his diatribes of hate. It could be
>the "alt.professional.asshole" would fit him perfectly. I pity his
>students.

Humm, what could we call it?
alt.professional.asshole may not be enough levels. How about:
alt.professional.asshole.burt.burt.burt?
-or-
rec.radio.amateur.troublemaker.burt.burt.burt, on the basis
that he's not a pro, just wishing for it?
-or-
rec.radio.troublemaker.burt.burt.burt?
-or-
alt.opinionated.but.I.read.a.book?
-or-
alt.teacher-from-hell.burt.burt.burt?

The possabilities are endless... :-)
-Larry

430. Re: TRW Swap Meet

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: AC6V <AC6V@ix.netcom.com>
Message-ID: <3207F21E.65B1@ix.netcom.com>
Source record: 219360

> Scott wrote:
> >
> > I heard that on the last Saturday of every month, there is a TRW swap meet
> > in So. Cal. Where exactly is it?
> >
> > Scott, KF6FCN

Howdy Scott a page on the WEB gave this info:

"TRW Swap meet. Last Saturday each month. Starts 0700. Marine Blvd. off
of Aviation Blvd., Manhattan Beach area. Talk in on 145.320, PL 114.8."

I have not attended, so can't vouch for the info.

73
Rod
Hark for I have hurled my words to the far reaches of the earth!
What King of old could do thus??
..... AC6V

431. Re: Looking for N3FUD

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: AC6V <AC6V@ix.netcom.com>
Message-ID: <3207EF82.3E66@ix.netcom.com>
Source record: 219361

Art Roberts wrote:
>
> Hi OM's
>
> I am trying to make contact with Chip, N3FUD. Last I knew, he was in
> the Harrisburg, PA area.
>
> Thanks es 73
>
> Art W1GOM
> Norman, OK

Howdy Art

The QRZ Callsign Database Search Results reports
for "N3FUD"
Callsign: N3FUD
Name: LEMMERMAN C KROH JR
Addr1: POB 212
Addr2: LEMOYNE PA 17043
Country: USA
Class: Tech Plus
Effective: 17 Sep 1991
Expires: 17 Sep 2001
Born: 18 Aug 1965
Prev Call: KA3NDC (N)
Email: [unknown]

You can look up any US ham by call or name at the following URL:

http://www.qrz.com/cgi-bin/webcall

73
Rod in San Diego

--
Hark for I have hurled my words to the far reaches of the earth!
What King of old could do thus??
..... AC6V

432. Re: Vanity Callsign Lists

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: AC6V <AC6V@ix.netcom.com>
Message-ID: <3207F321.378D@ix.netcom.com>
Source record: 219362

Richard E Stealey wrote:
>
> Dale D. Holloway (nj8x@ix.netcom.com) wrote:
> : Gary, try the following site. All available 1X2 or 2X1 call signs
> : are listed there.
>
> : www.ultranet.com/~bob/
>
> I just went there and checked on some calls. It s not up-to-date.
> Some calls that I know were reissued a few weeks ago are listed as
> available on his web page.
>
> Rick KT2Q

Try KA9FOX Page at URL:

http://www.qth.com/KA9FOX/links.shtml#2
A Snip:

Available 1 by 2 U.S. Callsigns for each district: ï¿½ - 1 - 2 - 3 - 4 - 5
- 6 - 7 - 8 - 9
List of U.S. Vanity Callsigns issued so far - maintained by KI4HN

Good Vanities
Rod in San Diego
--
Hark for I have hurled my words to the far reaches of the earth!
What King of old could do thus??
..... AC6V

433. A CQ Magazine BEEF or HAM!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4u7pt5$kj3@freenet-news.carleton.ca>
Source record: 219363

Two beefs with CQ:

1. There are only middle aged white men on the cover as someone
else pointed out.

2. Product reviews are usually advertisers. Coincidence?

--
73s Frank Sved, VE3GID

434. Ham fest in Richmond, VA????

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: packrat@earthlink.net
Message-ID: <3207FA32.5CA1@earthlink.net>
Source record: 219364

Does anyone know when there will be a ham fest in or around Richmond, VA??

Thanks in advance.
packrat

435. Re: Jew hating Ruthie

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4u7lgo$iu1@freenet-news.carleton.ca>
Source record: 219365

Cecil Moore (w6rca@worldnet.att.net) writes:
> Burt Fisher <kotzebue@juno.com> wrote:
>>Most readers will not "get it", but evil triumphs when good people look
>>the other way. Are hams like Mark Fuhrman? No but they will look the
>>other way.
>
> Burt, everyone knows that Jewish people are prejudice against
> hams. :-)
>
> 73, Cecil, W6RCA, OOTC
>
>
Friday hams, too.

--
73s Frank Sved, VE3GID

436. Re: Burts wife was insulted

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4u7mea$j8s@freenet-news.carleton.ca>
Source record: 219366

>>
>
> It seems to me that it was one Burt Fisher that made some rather rude
> comments on the appearance and weight of the typical ham wife on these
> newsgroups not so long ago. So it is OK for you to denigrate an entire
> group of several hundred thousand, which includes a majority that you
> have never met and who are not involved in these discussions, but
> limiting the scope of the insults in the reverse direction is going too
> far?

Yeah it is typical Burt. He insults a group of people at a time rather
than individually. A bit like turning around at a wedding to thank
everybody who gave gifts, rather than thanking the individuals.

--
73s Frank Sved, VE3GID

437. Re: CORRECTION - FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug6.180710.18828@ke4zv.atl.ga.us>
Source record: 219367
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

In article <4u644o$5l3@news.accessone.com> vbook@vbook.com (Ed Mitchell) writes:
>In article <4u2uvk$8bd@news.accessone.com>, vbook@vbook.com says...
>>The FCC has issued new rules regarding the evaluation of RF Emissions and
>>health effects from all transmitters. As always, the devil is in the details
>>and the details say that if you transmit over 50 watts, you may have
>>to perform an RF emissions environmental assessment of your Amateur station.
>>Under the new rules, the FCC will add five more questions on RF safety to
>three
>>of the written exams. Amateur radio operators will be required to certify as
>>part of their license application, under an as yet unspecified mechanism, that
>>they understand the FCC rules on this issue. In some situations, certain
>>Amateurs may have to file a complex "Environmental Assessment" better known as
>>an Environmental Impact Report regarding their Amateur station operation.
>
>CORRECTION
>Contrary to our first reading, it does not appear likely
>that any hams will be subjected to filing EIRs. Word to the wise:
>Don't read government legal opinions while your 9 year old daughter is
>holding a big birthday party with a crowd of 9 year olds :)
>
>While the ruling does place additional rules and compliance
>issues upon Amateur Radio stations, I'd guess that having a
>federal standard will help to prevent lots of local
>municipalities from creating their own, usually ill
>considered regulations on RF emissions.

An EA filing would be required if a station is out of compliance with
the new exposure rules and wishes permission to operate anyway. Without
a complex, costly, and time consuming EA (and favorable FCC action,
frankly unlikely), an amateur station *must* be brought into compliance
with the new rules by Jan 1 1997.

This is likely to affect a considerable number of amateurs. I'd
suggest most amateurs running more than 50 watts who use an indoor
antenna are out of compliance. And those using low outdoor antennas
may have to install fences with access interlocks before being able
to crank the power back up over 50 watts.

OTOH, if your antenna is more than 10 meters above any horizontal
surface where a person might stand, and you're running no more
than 1,000 watts ERP (that's your output power minus feedline
loss and plus antenna gain), you're probably Ok. You'll need to

evaluate each situation, however, to be sure you are in compliance, this is only a very crude rule of thumb, and not sufficient to assure compliance (your MPE might still be too high in the above scenario depending on antenna type and orientation). The chart in Appendix B of the report and order gives the allowable limits for controlled and uncontolled exposures at various frequencies (exposure limits are different for different frequency ranges).

The controlled exposure numbers are the limits for *your* exposure. The uncontrolled exposure numbers (much lower) are the exposure limits for any member of the general public due to your transmissions. This latter number is likely to cause problems for those operating in apartments or condos. (The numbers are approximately 30 times lower than the previous ANSI limits the FCC has used in the past for licensees not exempted, IE broadcasters. Amateurs *were* exempted, but no more if they run 50 watts or more.)

If we follow the good amateur practices of mounting our antennas as high and in the clear as possible while running the minimum power necessary for communications, many of us will be Ok. The problems are going to arise for those using indoor antennas, low outdoor antennas in access uncontrolled areas, and for those with close neighbors or public throughfares. HF mobile operators are going to have to be particularly careful. Operating in a parking lot, or in heavy traffic, could easily put you out of compliance unless you drop your power to below 50 watts. There aren't many VHF+ mobile operators running more than 50 watts, so most of them will be exempt. Those who are running 50 watts or more, however, are going to have to take steps to limit exposures.

People running glass mount antennas are almost certainly out of compliance with even the controlled exposure limits, but remain exempted if they're running less than 50 watts. That's not a good reason to still be suffering excess exposures, however, and prudence would suggest getting rid of that glass mount and drilling that hole in the roof like I've been urging you to do for years.

Repeater owners may be in particular trouble if their site isn't controlled access (and even if it is if the *combined* exposure from all sources on the site exceed the controlled exposure limit). In the latter case, *everyone* will have to shut down any time maintenance at the site is to be performed (or suitable protective clothing will have to be worn by the maintenance personnel entering the area). This is a *biggie* folks, and may limit amateur access to many places where we've traditionally sited repeaters. The site owner is going to be held primarily responsible for seeing the exposure limits aren't exceeded, and they're going to turn a fish eye on amateurs trying to cadge a free site. (Get your "moon" suits now, it may be the only way you'll be allowed onto many sites.)

Note, we don't have to file an EA unless our station is out of
compliance and we want to operate it anyway. But we *do* need
to do the measurements or calculations showing that our station
is in compliance with the exposure limits if we run more than
50 watts. This information must be kept with our station records,
and be available for FCC inspection at any time.

Some of the limits are going to be hard to measure. For MPE, above
30 MHz there aren't any trustworthy instruments available. The
FCC is going to allow us to measure the Volt/meter field and
calculate the MPE from that. For well characterized antennas,
the FCC will also let us depend on computer simulation calculations.
For SAR limits, that's the only prudent way.

Hardware gurus need to be designing suitable instrumentation for
us to make sure we're in compliance (and suitable field calibration
techniques to assure us the instruments are trustworthy). Software
gurus need to give us computer programs to model exposures. Both
of these are going to be tough tasks if they're to work in the
real world where our stations operate, and not in some idealized
free space.

Remember, we have to have documentation on file with our station
records showing that we are in compliance before we can run 50
watts or more. 49.99 watts may wind up being the new defacto
amateur power limit if we can't come up with reliable hardware
and software to document that we're in compliance with the new
exposure limits.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

438. Web site

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: anders.ostlund@mbox200.swipnet.se
Message-ID: <4u8dk8$hmu@mn5.swip.net>
Source record: 219368

If you're interested in QRP and homebrew, check out my pages at

http://www.geocities.com/CapeCanaveral/2773

73
Andy

439. Re: NEW NEWS GROUP

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: wa4pgm@moonstar.com
Message-ID: <NEWTNews.839362990.10816.wa4pgm@wa4pgm.moonstar.com>
Source record: 219369

In Article<Dvq527.CAL@mv.mv.com>, <rlubash@poco.mv.com> write:
> This morning when I checked this group over 15% of the traffic was
> related to *Burt*. Now I don't have any personal gripes against Mr.
> Fisher but considering that this is a *RADIO* news group wouldn't it be
> more appropriate to form a new USENET group called Rec.Get Baited
> By.Burt
>
> --
>
> Richard Lubash
> N1VXW
> email rlubash@poco.mv.com

Think the group rec.wimps.and.whiners would fit also.
Burt is another K6KPS if you remember him. Leave him
alone and he will go away. If you feed a dog it just stays
around looking for another meal.
Kyle

440. Re: Radio Shack HTX-212 modification

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: rdavis@holli.com
Message-ID: <4u6fgr$2jc@holly.holli.com>
Source record: 219370
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <DvJDC9.HDC@news.hawaii.edu>,
jherman@Hawaii.Edu (Jeffrey Herman) wrote:
>>> This can be re-enabled through a series of key presses:
>>> it's in the manual, I believe.
>
>>Sure seems kind of lame to me that a company would sell a radio that doesn't
>>cover the entire band right out of the box. (I know Icom, Kenwood and a few
>>others did this with their OLD technology radios... Covered 2 MHz.) It just
>>isn't excusable these days.
>>Of course, what could anyone expect? It's Radio Shack...
>
>Geez, now the appliance operators are complaining about having to push
>a few buttons to get their radio working.
>
>Maybe RS did that on purpose just to insure you'd read the manual.
>
>KH2PZ

This thread is full of references to key presses in the manual. My manual has
a heading about extending the transmit range with no instructions afterword.
It is followed by a table showing factory settings and a warning box about
performing the MARS/CAP modification. No magic key presses, though.
There's only a short explanation on how to reset the radio by holding down
the F and T-SQL buttons while turing on the radio. Does anyone know the secret
key sequence? I'm actually more interested in storing out-of-band frequencies
in memory rather than the transmit mod.. The only hope I see is if there is a
software work-around through key sequences or something. Seems silly to me why
such a limitation exists if the hardware is already designed for wide receive.

Roger
N9SXZ

441. Re: NEW NEWS GROUP

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: "Thomas J. Penton" <afn45350@afn.org>
Message-ID: <Pine.A32.3.93.960806091014.97817A-100000@freenet4.afn.org>
Source record: 219371

On Tue, 6 Aug 1996, Richard Lubash wrote:

> This morning when I checked this group over 15% of the traffic was
> related to *Burt*. Now I don't have any personal gripes against Mr.
> Fisher but considering that this is a *RADIO* news group wouldn't it be
> more appropriate to form a new USENET group called Rec.Get Bated
> By.Burt
>
That is why burt is in my kill file because of the dumb comments he has
made.

Thomas J. Penton
afn45350@afn.org
I am a stranger in a
even stranger land

442. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: dpm3@seanet.com
Message-ID: <dpm3.1204.001EAF59@seanet.com>
Source record: 219372
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

In article pklein@news.seattleu.edu (Peter A. Klein) writes:

>Before people go ballistic over this, let's get the facts. Can someone
>find out what these rules actually say about amateur stations, if
>anything?

To my thinking the real, immediate problem is that IF the amatuer station has to file an EIS, that gives every neighbor and enviro-busybody an invitation to object, delay and appeal the "construction" of the station. Out here on The Left Coast, that practically guarantees a group of hystericals and allies from The Birkenstock Brigade adding their 2 cents worth to every station they decide is a "risk". Remember how ham radio got pilloried by KING-TV, Channel 5 when the neighbors set on sacrosanct magnolia Hill had problems. I can't wait for that old rag Jean Ennerson to find this issue to crusade on.

==========
"I distrust a close-mouthed man. He generally picks the wrong time
to talk and says the wrong things. Talking is something you can't do
judiciously unless you keep in practice"
- Casper Gutman, The Maltese Falcon
==========

443. Re: F__K You Jim You Low Life

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4u7cre$fr1@freenet-news.carleton.ca>
Source record: 219373

Don Murray (james-m@ix.netcom.com) writes:
> In article <4trnvk$1nn2@mule2.mindspring.com>, rchalk@mindspring.com says...
>>
>>In article <3200F1F1.7856@ricochet.net>, shadow@ricochet.net wrote:
>>>I can't express my thoughts
>>>Get the hell out of here]
>>>
>>>WELL F--K YOU ASS HOLE
>>
>>
>>Nice to see that my kids can cruise these groups without having to put up
> with
>>bad language...
>>
>
> Yes, and I am sure that they, like me are glad that we have people in this
> newsgroup that make it a point to quote exactly the original offending message
> in their replys.....Insuring that those of us that may have missed it the
> first time around, do not miss it the second time..
>
> Thanks.....NOT!!!!
>
> Don
>
Is Ahole not a bad word too?

--
73s Frank Sved, VE3GID

444. Flea market Primer

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3207D348.5A57@ccsnet.com>
Source record: 219374
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.misc

Fleaspeak - the vernacular of hamfest fleamarkets.

Fleaspeak English Translation

This rig puts out a BIG signal It's 50 kHz wide
This is a really good CW rig. It doesn't work on SSB.
This is a really good SSB rig. It doesn't work on CW.
This is a really good rig. It doesn't work on CW or SSB.
The transmitter is outstanding. It doesn't receive.
The receiver is really hot. It doesn't transmit.
This rig is really hot. It's stolen.
It seems to be a vintage regenerative type. It oscillates.
I just retubed it. Got 'em from questionable used tube stock.
I just aligned it. The slugs on the transformers are jammed
I don't know if it works. it doesn't work, probably never has.
It doesn't chirp. it doesn't chirp because it doesn't transmit.
The audio sounds great. The 120Hz buzz is faithfully reproduced.
I just had it serviced. I sprayed WD-40 over all the wiring.
It comes with the original box. Just brush out the kitty litter.
Better buy it now, cause it won't last. no transation needed.
Sure, it works at full power. It sucks all it can from the wall.
This rig has wide frequency coverage.
It drifts up and down and out of band.

Frequency stability is great.
The VFO doesn't work - you'll have to use crystals.

Real popular rig in its day.
There were whole HF nets on the repair and maintenance problems.

QST gave this one a really great review.
The language broke new ground for profanity.

It might need a bit of tweaking.
Marconi himself couldn't fix it, much less align it.

It was used in government service.
It was stored outdoors on a wooden pallet.

The dial drive may need lubricating.
the gears are stripped and the setscrews frozen.

I plugged it in to check that it lights up.
The light came from the two foot high flames.

I'm selling it because I have two of them.
I'm getting rid of my parts radio.

You won't find one at a better price.
Better from the point of view of the seller.

This is a collector's item.
the manufacturer just went belly up and won't honor the warranty.

It came from an estate sale.
If you have any problem take it up with the owner.

I had it on the air just last night.
And you thought the woodpecker was gone.

It worked last time I used it.
if it still worked I'd still be using it.

The only lightning damage was a fuse.
The only lightning damage I recognized was a fuse.

I have the [...] somewhere. I'll send it to you.
you'll never see the [...].
I'll help you carry it to the car.
I'll do anything to unload this boat anchor.

It works ok on 80 meters.
It had some parasitics
but I got in and really screwed it up and now I want to unload it.

The tubes used by this rig are worth the asking price.
The rig uses a rare 7360 beam deflection tube for a balanced
modulator, but it's blown and you'll spend \$80 to get a new one.

This is the rig of my dreams. I really wanted one of these as a
kid, but now <snif> I've got to let it go.
As I've gotten older, I've learned what a hunka junk it is.

The signal quality of this rig was easily recognizable in its day.
The high distortion and bad audio quickly identified this rig.

This rig will bring back the feelings and atmosphere of vintage
ham gear.
The bypass capacitors to the
AC line put enough voltage on the chassis to give you a shock
in the lips through the microphone, and it smokes so bad when
you turn it on that you'll probably start coughing and wheezing.

I'd keep this baby, but my wife is making me clean everything
out.
I finally got around to giving this thing the proverbial heaveho.

There are a couple of other people interested in it.
someone sat on it to tie his shoelaces while walking past the table.

You'd better buy it now, because I'm leaving soon.
The previous buyer and his brother,
Guido, are heading back toward the table and they aren't smiling.

Joe NA3T, FM05
mack@ncifcrf.gov

445. k9uiy wanted

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: TOM <kbs@powertech.no>
Message-ID: <32083AC7.38AE@powertech.no>
Source record: 219375

I am looking for a possible e-mail address or phone-number to K9UIY.

Can anyone help??

73 de tom, la9gx

446. Re: Usenet problem

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: CSLE87@email.mot.com
Message-ID: <CSLE87-0608961653220001@lmpsbbs.comm.mot.com>
Source record: 219376

In article <4u15ee$7m9@news-old.tiac.net>, adamkern <adamkern@tiac.net> wrote:

>Hey all!
>
>I'm having trouble with this newsgroup all of a sudden. I'm using
>Netscape for my browser, and all of a sudden, whenever I say "catch up
>all articles," it won't do it. Now my unread articles counter for this
>usegroup is up in the 330's. I am having this problem only with this
>newsgroup, and only in the past 24 hrs.
>
>I tried unsubscribing, and then re-subscribing, and it didn't help. Does
>anybody have any ideas? Am I missing something here?
>
>Thanks in advance for your help!
>
>73,
>Adam Kern
>N1TYF
>adamkern@tiac.net

Contact your Internet Service Provider (ISP) and ask them. They may in
turn tell you to call your software vendor, assuming that you have
actually registered your browser software. Either way, those problems
have absolutely nothing to do with this newsgroup itself.

--
Karl Beckman, PE WA8NVW < If our English language is so >
Motorola LMPS Eastern Div < precise, why do you drive on the >
Systems Engrg Parma, OH < parkway and park on the driveway? >
(847) 576-0992 / (216) 265-2092
** Opinions expressed here do NOT represent the views of Motorola. **

447. Re: Paging? CTCSS?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: CSLE87@email.mot.com
Message-ID: <CSLE87-0608961649020001@lmpsbbs.comm.mot.com>
Source record: 219377

In article <9607312038282483@atdbbs.com>, clint.bradford@atdbbs.com (Clint Bradford) wrote:

>>>I've really been enchanted with some of the features of the low-end
>>>(Radio Shack HTX-202) 2-meter handheld I just got.
>
>The most popular 2M HT in the country is certainly NOT "low end." It is
>a solid performer, Rick.
>
>>>Anyway, I'd like to find out if there are any Citizens' Band handhelds
>>>with either "paging" or CTCSS...
>
>Illegal on those bands. How about a GMRS license? Your license covers
>ALL members of your immediate family. Reliable communications in the 462
>band are available to you and yours...
>
>Where are you? Let's try to find out if there's a GMRS repeater in your
>area!

There are two errors in Clint's reply above:
First, Paging is NOT APPROVED on either 27 MHz CB or 462/467 MHz GMRS frequencies. Second, CTCSS is quite legal on both CB and GMRS.

Now, why not use the new FAMILY RADIO SERVICE? These units are low power UHF simplex, operating BETWEEN the present high power GMRS channels. Radios from several manufacturers should be arriving in stores in a few more weeks.
--
Karl Beckman, P.E. WA8NVW < If our English language is so >
Motorola LMPS Eastern Div < precise, why do you drive on the >
Systems Engrg Parma, OH < parkway and park on the driveway? >
(708) 576-0992 / (216) 265-2092
** Opinions expressed here do NOT represent the views of Motorola. **
Amateur radio WA8NVW Navy MARS NNN0VBH @ NOGBN.NOASI

448. Re: Novice test question.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: T E I X E I R A <teixeira@ccnet.com>
Message-ID: <4u7r20$eol@ccnet2.ccnet.com>
Source record: 219378

Gary Ross Hoffman <gary@carcs3> wrote:
>Can't swear to the veracity of this since I've not taken the
>CW test myself, but I keep hearing that the 5wpm and 13wpm tests
>are given using Farnsworth method.
>
>Gary KB0QGE

This is true on tests given by the Sunnyvale VEC which is in th San Francisco area.

Don AC6TG

449. Vanity Gate #2 ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: T E I X E I R A <teixeira@ccnet.com>
Message-ID: <4u89tu$ju4@ccnet2.ccnet.com>
Source record: 219379

Any word or idea when gate #2 will open?

Don AC6TG

450. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: n7ory@primenet.com
Message-ID: <4u7qbl$ml6@nnrp1.news.primenet.com>
Source record: 219403
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

gfiber@halcyon.com (Gary Fiber) wrote:

It won't be long before our stools must be tested to comply with EPA emissions standards. Why don't they just skip right to the end result, and declare everything to cause cancer. Then we can sue everyone for being a contibutor to our demise. Problem with that is, there would probably be an environmental fee attached to whatever you are awarded, so the government and enviro-weirdos can sleep easier at night knowing you can't spend it on waste-producing polutants.

New Surgeon Generals warning label:

"The Surgeon General has determined that prolonged brain usage may cause cancer, premature aging and death. Try not to think, live longer."

Rob Neff (N7ORY)

451. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: mike_luther@ziplog.com
Message-ID: <4u7sfb$cp4@news.myriad.net>
Source record: 219404
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

In <4u7flm$mun@news.halcyon.com>, gfiber@halcyon.com (Gary Fiber) writes:
>vbook@vbook.com (Ed Mitchell) wrote:
>
>>The FCC has issued new rules regarding the evaluation of RF Emissions and
>>health effects from all transmitters. As always, the devil is in the details
>>and the details say that if you transmit over 50 watts, you may have
>>to perform an RF emissions environmental assessment of your Amateur station.
>>Under the new rules, the FCC will add five more questions on RF safety to three
>>of the written exams. Amateur radio operators will be required to certify as
>>part of their license application, under an as yet unspecified mechanism, that
>>they understand the FCC rules on this issue. In some situations, certain
>>Amateurs may have to file a complex "Environmental Assessment" better known as
>>an Environmental Impact Report regarding their Amateur station operation.
>
>>You can read the complete text of the relevent FCC ruling in FCC 96-396 at
>>Ham Radio Online magazine, available on the Internet at:
>> http://206.13.40.11/
>>(we had to move to a new server and are waiting for InterNIC to move our
>>www.hamradio-online.com domain name to the new server)
>>
>>-------------------------
>>Ed (KF7VY) and Kim (N7VPL) Mitchell
>>email to vbook@vbook.com
>>Visit Ham Radio Online, it's free! at
>>http://www.hamradio-online.com
>
>This could get real interesting. Since the article says the station location
>and all occupants are in a controlled enviroment. They consider neighbors and
>such to be uncontrolled. I wonder what will happen if a neoghbor comes down
>with some mysterious illness like cancer and notices he has been bombarded with
>electromagnetic radiation from your station all these years could he hold the
>operator liable because he had knowledge of the EPA guidelines of RF radiation
>?. Also I wonder what the FCC intends to do with all the land mobile equipment
>as most all is 100 watts. The article implies a mobile station operating over
>50 watts could also not be in compliance with the guidelines..
>
>Gary
>

Oh knowledge of the affair isn't really required! Product liability, for example
transcends all reasonable sane limits for time elapsed on that, with or without

knowledge.

I am familiar with one lawsuit now going on where the product involved was built in 1978. The claim is the gate design on a cattle trailer was defective and the user had the gate come open last year and the cows fell out and caused a massive traffic accident.

Allegations seem to be that because the design was copied from another product back in 1963, it is really not the copiant that may have the final liability, but the party from which the design was COPIED!

For millions of dollars in claimed damages.....

:)

Mike @ W5WQN

452. Re: RF expouse limits

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: mike_luther@ziplog.com
Message-ID: <4u7sq9$cp4@news.myriad.net>
Source record: 219405
Cross-posted to: rec.radio.amateur.digital,rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy

In <32053BD5.625B@pactor.com>, Phil Sussman <pactor@pactor.com> writes:
>As you might be aware, the FCC has set Jan -1, 1997 as
>a compliance date for all US ham radio operations to comply
>with NTIS Bulletin 65 with respect to RF exposure limits.
>This would SEVERELY affect operators of FSK and PSK
>because they are considered 'continious transmissions'
>
>There is an FCC imposed exemption for any transmitter
>UNDER 50 watts. Over 50 watts, a ham must insure that
>he complies with NTIS-65.
>
>I am looking for a copy, preferably on-line, of NTIS
>Bulletin 65.
>
>Can anyone help on this?
>
>73 de Phil - KB8LUJ
>
>regarding RF exposure limits.

You can get it at www.fcc.gov where it is in the technical bureau section.
It took me a while to find it, but there is a "NEW" notice flaggin it right
at the top of the department's page.

It comes in two flavors, an acrobatic clown version and perfectly worded
verison which you will likely have to convert from Word Perfect 5.1 to
read.

I think the WP 5.1 version came in at above 1 Megabyte in size!

When in the Lord's name not taken in vain, will anyone EVER listen to
the idea to post standards in standard text format as in plain ASCI text
with NO art work, just words.

"Words, words, they kill us with words... and the first thing we
shall do is....."

:)

Mike @ W5WQN

453. alt.burt

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: jmouw@grtk.COM
Message-ID: <199608061622.MAA02793@grtk>
Source record: 219406

When I subscribe to this newsgroup it contained lots of useful and some not so useful information related to amateur radio. But lately the group has become a forum for Jew bashers, German bashers and basher bashers. Let's get this thing back to something fun to read at lunch time. Save the other crap for the alt.burt newsgroup. Because if there isn't one, there sure as hell should be.
John-KD4GIK, Dade City, Florida
Home of Sun, Fun, and Guns!

454. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <4u7flm$mun@news.halcyon.com>
Source record: 219407
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

vbook@vbook.com (Ed Mitchell) wrote:

>The FCC has issued new rules regarding the evaluation of RF Emissions and
>health effects from all transmitters. As always, the devil is in the details
>and the details say that if you transmit over 50 watts, you may have
>to perform an RF emissions environmental assessment of your Amateur station.
>Under the new rules, the FCC will add five more questions on RF safety to three
>of the written exams. Amateur radio operators will be required to certify as
>part of their license application, under an as yet unspecified mechanism, that
>they understand the FCC rules on this issue. In some situations, certain
>Amateurs may have to file a complex "Environmental Assessment" better known as
>an Environmental Impact Report regarding their Amateur station operation.

>You can read the complete text of the relevent FCC ruling in FCC 96-396 at
>Ham Radio Online magazine, available on the Internet at:
> http://206.13.40.11/
>(we had to move to a new server and are waiting for InterNIC to move our
>www.hamradio-online.com domain name to the new server)
>
>------------------------
>Ed (KF7VY) and Kim (N7VPL) Mitchell
>email to vbook@vbook.com
>Visit Ham Radio Online, it's free! at
>http://www.hamradio-online.com

This could get real interesting. Since the article says the station location
and all occupants are in a controlled enviroment. They consider neighbors and
such to be uncontrolled. I wonder what will happen if a neoghbor comes down
with some mysterious illness like cancer and notices he has been bombarded with
electromagnetic radiation from your station all these years could he hold the
operator liable because he had knowledge of the EPA guidelines of RF radiation
?. Also I wonder what the FCC intends to do with all the land mobile equipment
as most all is 100 watts. The article implies a mobile station operating over
50 watts could also not be in compliance with the guidelines..

Gary

455. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <4u7adh$h54@jupiter.planet.net>
Source record: 219408

> dpm3@seanet.com (Dan Morisseau) writes:
> In article vbook@vbook.com (Ed Mitchell) writes:
>
> :>The FCC has issued new rules regarding the evaluation of RF Emissions and
> :>health effects from all transmitters. As always, the devil is in the details
> :>and the details say that if you transmit over 50 watts, you may have
> :>to perform an RF emissions environmental assessment of your Amateur station.
>
> Thanks, Bill! Thanks, Hillary!, Thanks, (the late) Ron Brown! Thanks,
> Daschle and Gephardt! Thanks psuedo-science enviro-hystricals! You gotta love
> it don't you, folks?
>
> ==
> "I distrust a close-mouthed man. He generally picks the wrong time
> to talk and says the wrong things. Talking is something you can't do
> judiciously unless you keep in practice"
> - Casper Gutman, The Maltese Falcon
> ==

twasn't them..the republicants run the FCC and make the rules. BTW the new Dole plan calls fror substantial fee's
for ALL radio spectrum users as part of his plan for his VOODOO economic policy to pay for this
cockamamee tax cut (cuts with no corresponding spending cuts dolooar for dollar)

... I imagine that we as a group are affected as well. Burt's probably in hog heaven
on this one. Those darn republicants. Boy, ya gotta love them.

Just one more of the tax and tax government people.
Ya know how to reduce big government??? fire em ALL and start fresh

steve

456. Re: Novice test question.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: a313@Lehigh.EDU
Message-ID: <4u7bik$22ml@ns1-1.CC.Lehigh.EDU>
Source record: 219409

In article <4u5mlg$6ke@newsreader.wustl.edu>, Gary Ross Hoffman <gary@carcs3> wr
ites:
>Can't swear to the veracity of this since I've not taken the
>CW test myself, but I keep hearing that the 5wpm and 13wpm tests
>are given using Farnsworth method.
>
>Gary KB0QGE
>
Having listened to the ARRL Code exams many times, it is the Farnsworth
method. I can't speak for other VEC test sessions.

73's Dick K8WHA

457. NEW NEWS GROUP

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: rlubash@poco.mv.com
Message-ID: <Dvq527.CAL@mv.mv.com>
Source record: 219410

This morning when I checked this group over 15% of the traffic was related to *Burt*. Now I don't have any personal gripes against Mr. Fisher but considering that this is a *RADIO* news group wouldn't it be more appropriate to form a new USENET group called Rec.Get Baited By.Burt

---

Richard Lubash
N1VXW
email rlubash@poco.mv.com

458. Re: HTX-202 doesn't like 5w through duckie

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: mikef@pacifier.com
Message-ID: <4u7sm0$mr2@news.pacifier.com>
Source record: 219411

In article <4u5lnf$co8@eugene.convex.com>,
David Horak <horak@convex.com> wrote:
>
>You're lucky. Most of us with 202s have seen the ER2 code many times. :-(
>
I got the 202 in March of this year. Perhaps RS has done some work on it
to correct its deficiencies.

--
Mike Freeman | Internet: mikef@pacifier.com
Amateur radio: K7UIJ | GEnie: M.Freeman11
/* PGP2.6.2 PUBLIC KEY available via finger or PGP key server */
. Ask not for whom the <^G> tolls.

459. CB repeaters

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: wa2ise@netcom.com
Message-ID: <wa2iseDvq5Iw.4xL@netcom.com>
Source record: 219412

Thought I heard a repeater on CB, but wait, the output's on 147.435 :-)

460. Re: .435 repeater in L.A. homepage? Where?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: mikef@pacifier.com
Message-ID: <4u7tr5$n3u@news.pacifier.com>
Source record: 219413

In article <wa2iseDvMwp7.4z5@netcom.com>,
Robert Casey <wa2ise@netcom.com> wrote:
>>>
>>147.435? Damn! That's the most messed up repeater in all of L.A. area. I
>>listened to it once and all they do is sear, threaten, talk gay (i don't
>>mean happy), and talk about sex!
>>
>>It's sleeze!
>>
>I'm still a bit puzzled why the FCC (evne with their limited resources)
>haven't jumped on this mess. If I was the owner/trustee, I'd probably
>convert this machine to high speed packet use only.
>
I concur. However, when I was in Anaheim a month ago, I must confess that
I enjoyed one bit of entertainment on that unbelievable machine: some of
the regulars had a $500-bet going as to whether another one of the
regulars would receive a notice of violation of Part 97 from the FCC by a
certain date. Dunno who won or lost as I left before the time period
specified in the bet expired!
--
Mike Freeman | Internet: mikef@pacifier.com
Amateur radio: K7UIJ | GEnie: M.Freeman11
/* PGP2.6.2 PUBLIC KEY available via finger or PGP key server */
.. Ask not for whom the <^G> tolls.

461. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <DvpFDq.5vH@news.hawaii.edu>
Source record: 219414
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Dan Morisseau <dpm3@seanet.com> wrote:
> Thanks, Bill! Thanks, Hillary!, Thanks, (the late) Ron Brown! Thanks,
>Daschle and Gephardt! Thanks psuedo-science enviro-hystricals! You gotta love
>it don't you, folks?

I do! Imagine if everyone voluntarily kept their output power limited to under 50W. Remember, we're supposed to run the minimal power necessary for reliable communication. Since folks don't self-police themselves in following this regulation, we'll now have the government carry out those duties. But we can thank the FCC for *raising* the cutoff to 50W; the original proposal was for a lower power level.

As long at that is 50W output and not 50W ERP, just think of the more efficient antennas that are going to be sprouting from each shack now.

KH2PZ

462. Re: "GMRS Personal Radio?" What is that?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: qualcomm@netzone.com
Message-ID: <320756e0.320762@news.netzone.com>
Source record: 219415

GMRS="General Mobile Radio Service" It was a set of frequencies in the UHF band set aside by the FCC to allow MOM&POP to use two way radios for personal use...not business. There are limitations on power for mobiles and control stations. The repeater owner may only charge users what it costs to maintain the repeater...no profit. Mobiles are limited to 7 watts and I believe 2 watts on bases..not too sure on the last part though.

I believe the freqs are 462.500-462.700mhz in 25khz jumps.

GARY

ag001@lafn.org (Abraham Stavsky) wrote:

>
>I recently saw an ad for a "GMRS personal radio"
>being sold at Radio Shack. Can anyone elucidate me
>on what this is? The ad went on to say, "FCC license
>required." What frequencies are we talking about here?
>What kind of wattage would an HT of this type have??
>
>Replies much appreciated.
>73s
>Abe
>
>KE6OCM
>--

Quality Communications
125 W.Main St.
Mesa,Az 85201
602-649-1540
Fax 602-649-1719

463. Re: Schematics NEEDED

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: rickets@earthlink.com
Message-ID: <4u7vjc$mfn@ecuador.it.earthlink.net>
Source record: 219416
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.misc,sci.electronics.repair

dave hills <dhills@onramp.net> wrote:

>I have a WWII vintage Army receiver, model BC-348, which does not
>operate on the high band. Does any one know where I can obtain a
>schematic for this model? I would very much appreciate any help!

>Thank You!
>--
>Dave Hills, P.E.
>dhills@onramp.net

Fair Radio Sales
PO Box 1105
Lima OH 45802
419 223 2196
419 227 6573
419 227 1313 (fax)
dr
Dave Rickmers never get out
rickets@earthlink.com of the boat

464. Re: LARC Announcement

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: landers@vitek.com
Message-ID: <4u7sgn$p72@news.starnet.net>
Source record: 219417

Duffy,

I wouldn't want you to miss this opportunity to subscribe to this
email list.

Rod

>
> LAMBDA AMATEUR RADIO CLUB ANNOUNCES
> NEW PUBLIC MAILING LIST -- LARC@seta.fi

>==

> The Lambda Amateur Radio Club (LARC) announces a public
> mailing list for gay/lesbian/bisexual/transgendered ham
> radio operators, persons interested in amateur ("ham")
> radio and shortwave listening, computer enthusiasts and
> their friends and supporters.

> The mailing list is moderated and a wide variety of
> subjects of interest to gay people everywhere are
> discussed, as well as technical topics related to radio
> and computer operation.
>
> TO SUBSCRIBE:
> Send an E-Mail to: majordomo@seta.fi
> Leave the "Subject:" line of the message blank.
> Message text must be:

> subscribe larc your_name [call] <your_email_address>

> Here's an example:

> subscribe larc Joe Smith WB6LYI <joesmith@net.net>

> If you are a licensed ham, you can add your callsign
> after your name. Be sure to include the "<" and ">"
> before and after your E-Mail address as in the example.
> An acknowledgement will be sent to you automatically.

>==

> FOR LARC MEMBERSHIP INFORMATION, visit our web site or
> request our electronic brochure by sending an E-Mail to:

> LARC-INFO@seta.fi

> Do not include any text in the message as the mail list
> software has not yet learned to read.

>
> VISIT LARC's WEB SITES:
> http://www.netaxs.com/people/skeptic/larc/
> http://www.net-quest.com/larc/

465. Re: German Ham Radio 716 334 9779

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: cunliffe@frontiernet.net
Message-ID: <4u7vea$125u@cheatum.frontiernet.net>
Source record: 219418

Burt Fisher <kotzebue@juno.com> wrote:

>John R. Cunliffe wrote:

>> It just show's your character.I bet a lot of our friends in those
>> clubs who are Jew's will have a ball.

>They will beat on Ruthie.

I don't think so, her actions within the community are known, your
actions are known too. And lets just face it Burt, as much as I enjoy
sending mail on the internet and get into controversial theme (and the
same is thru for Ruthie) this is just a hobby and for entertainment
purpose only. Friendships can not be brocken by E-mail from someone
that has a reputation like you have. And this is nobody's fault but
your's.

>> They probably stay home from work because they can hardly walk after
>> all the laughing about you.

>The laugh at Jew haters?
This is a point of perspective, quoting E-mail aut of context is one
thing, seeing the whole exchange a other thing.
Also many Jew's today are not in aggreement with the behaivior of the
Jewish nation in Israel and this is a wel known fact within the
community.

>> And hey thanks for publishing my phone ## .I could have saved the $$
>> for having it published in the phone book.
>> After all it will save someone the pennies for the long distance
>> information service. To bad you had to spend it yourself. Next time

>I got the number free on the internet.
God for you, you are learning to put technology to work for you that's
great. Now if you just could use it to do some resarch on the valitity
of many of the claims youre making that would be a big step forward in
the right direction.
>> A German thats proud to be a German

>Nazis were proud too.

That is correct, but are you proud to be you??

Regards
John
==========
John R. Cunliffe N2NEP
cunliffe@frontiernet.net

http://www.frontiernet.net/~cunliffe

466. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: emtp4355@aol.com
Message-ID: <4u7u2n$er0@newsbf02.news.aol.com>
Source record: 219419

Could someone explaine just how dangerous is 100 watts of VHF RF. I am in this situation at work that I am in a vehicle with the anttenna mounted on the front fender, nearly in your face.

Joseph K. Murphy, EMT-P
KF4KEK
emtp4355@aol.com

467. Re: alt.burt

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: kc7gnm@primenet.com
Message-ID: <4u82ck$2hs@nnrp1.news.primenet.com>
Source record: 219420

jmouw@grtk.COM (KD4GIK) wrote:

>When I subscribe to this newsgroup it contained lots of useful and some not
>so useful information related to amateur radio. But lately the group has
>become a forum for Jew bashers, German bashers and basher bashers. Let's
>get this thing back to something fun to read at lunch time. Save the other
>crap for the alt.burt newsgroup. Because if there isn't one, there sure as
>hell should be.
>John-KD4GIK, Dade City, Florida
>Home of Sun, Fun, and Guns!

Amen on that. I get tired of trying to get some useful info on this
group and only to have Burt ruin it for everyone.

73

468. Re: For Sale or Swap Usenet

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: qualcomm@netzone.com
Message-ID: <320758da.826950@news.netzone.com>
Source record: 219421

Try....rec.radio.swap

SJK <72164.3611@CompuServe.COM> wrote:

>Does anyone know of any For Sale or Swap Usenet groups or
>Internet sites for amateur radio?
>
>Steve

Quality Communications
125 W.Main St.
Mesa,Az 85201
602-649-1540
Fax 602-649-1719

469. Re: .435 repeater in L.A. homepage? Where?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: mikef@pacifier.com
Message-ID: <4u7tb7$mum@news.pacifier.com>
Source record: 219422

In article <3203D07F.1ED0@ucla.edu>, csupak <csupak@ucla.edu> wrote:
>I've been told that the 147.435 2M repeater in Los Angeles has a
>homepage, of sorts, and I'd like the URL if anyone knows it, please.
>
Lordy! If the web page is anything like the content of the usual QSOs on
that machine, your monitor would blush as soon as your browser made the
connection :-) :-)!
--
Mike Freeman | Internet: mikef@pacifier.com
Amateur radio: K7UIJ | GEnie: M.Freeman11
/* PGP2.6.2 PUBLIC KEY available via finger or PGP key server */
.. Ask not for whom the <^G> tolls.

470. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: No@junk.email
Message-ID: <4u8202$4ck@uuneo.neosoft.com>
Source record: 219423
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

>New Surgeon Generals warning label:
>
>"The Surgeon General has determined that prolonged brain usage may
>cause cancer, premature aging and death. Try not to think, live
>longer."
>

Now I don't have a difficult time at all believing that kind of
statement could come out of Washington, DC. Kind of scary, if
you consider the Friends of Bill who have met their end.

471. Re: K1oink

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: kc7gnm@primenet.com
Message-ID: <4u8235$27s@nnrp1.news.primenet.com>
Source record: 219424
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Burt Fisher <kotzebue@juno.com> wrote:

>Bruce Micales wrote:

>> That is the biggest load of B.S. that I have ever heard! Where is the
>> evidence to back up such a statement (and the German Nation was around
>> YEARS before WWI and WWII, plus the German Nation is Still present!).

>Read the book, Hitler's Willing Executioners" The evidence is
>all there and well documented. In fact documented back hundreds of
>years.

>>
>> BTW, you just insulted my Mother (not to mention all those of German
>> origin or descent on this NewsGroup) who is 100% German. Oh in case you
>> cant do the math..that makes me 50% German!

>Not all Germans are killers. There are those that disapproved of Hitler.

Jez you are a lying SOB Burt. I just backed up a little in this thread
and you said that it is in All Germans genes to kill and torture.

Go back and take your medication.

>#===============#===#
>| Burt Fisher | Teacher of video, broadcasting and electronics |
>| Amateur call | South Dennis, Ma. (Cape Cod) |
>| K1OIK | Mr. Happy should not be happy all the time. |
>#===============#===#
>| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
>#===#

472. Re: F* You Jim You Low Life

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <DvpE82.4M8@news.hawaii.edu>
Source record: 219425
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

Gang, The original writer of this article lost his internet account. If you're replying to it thinking you're shaming him, forget it. He's off reading books now, or watching TV.
KH2PZ

473. Re: CORRECTION - FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: mikef@pacifier.com
Message-ID: <4u7vsb$nl8@news.pacifier.com>
Source record: 219426
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

In article <4u644o$5l3@news.accessone.com>,
Ed Mitchell <vbook@vbook.com> wrote:
>
>While the ruling does place additional rules and compliance
>issues upon Amateur Radio stations, I'd guess that having a
>federal standard will help to prevent lots of local
>municipalities from creating their own, usually ill
>considered regulations on RF emissions.
>
Interesting point. You may be right. Still, it irritates me that FCC has
any questions on RF emissions and safety other than the usual "why
should you not hang onto an antenna when someone's transmitting a gallon
on it?". While at microsave frequencies and above (and, perhaps, at high
UHF), disastrous things can happen when humans get in the way of
high-powered RF fields, I am not at all certain (learned ptomes on this
newsgroup to the contrary notwithstanding) that RF emissions pose a
serious hazard at VHF and below. Certainly the Novice question-pool
question as to why one should keep the rubber duck antenna of a HT away
from one's head when transmitting seems to me not to be proper exam
material in that IMHO the jury is still out on RF problems at VHF and
below.

I know, at least, that I've used HTs with rubber ducks for over twenty
years and haven't noticed a thing other than the financial drain of buying
battery packs!

<<Asbestos suit on>>
--
Mike Freeman | Internet: mikef@pacifier.com
Amateur radio: K7UIJ | GEnie: M.Freeman11
/* PGP2.6.2 PUBLIC KEY available via finger or PGP key server */
.. Ask not for whom the <^G> tolls.

474. Re: TRW Swap Meet

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: Dave Booth <booth@pactitle.com>
Message-ID: <32078684.167E@pactitle.com>
Source record: 219427

Scott wrote:
>
> I heard that on the last Saturday of every month, there is a TRW swap meet
> in So. Cal. Where exactly is it?
>
> Scott, KF6FCN

The TRW swapmeet is in Redando Beach.
off the 405 at Redando blvd i think....
starts at 7:00.am...

http://www.geocities.com/Hollywood/5860

--
Dave Booth

475. Re: Burts wife was insulted

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: cunliffe@frontiernet.net
Message-ID: <4u7vl1$125u@cheatum.frontiernet.net>
Source record: 219428
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Burt Fisher <kotzebue@juno.com> wrote:

>

>
>> I'm also puzzled by your challenge to have a verbal slugfest on radio
>> that I saw in another thread. I thought you were selling your equipment
>> and getting out of ham radio, or was that just another statement you
>> couldn't back up?

>You want to buy, I am ready to sell.

Well Burt, maybe if you put a realistic price on this equiptment
somebody would by it. You should go to one of the hamfest and get
informed about the real value of your equiptment and then try it
again.
Regards
John

==========
John R. Cunliffe N2NEP
cunliffe@frontiernet.net
http://www.frontiernet.net/~cunliffe

476. Re: Schematics NEEDED

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: "Jim D. Selmi" <Selmi@sonoma.edu>
Message-ID: <4u832v$9l8@nuke.csu.net>
Source record: 219429
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.misc,sci.electronics.repair

rickets@earthlink.com wrote:
>dave hills <dhills@onramp.net> wrote:
>
>>I have a WWII vintage Army receiver, model BC-348, which does not
>>operate on the high band. Does any one know where I can obtain a
>>schematic for this model? I would very much appreciate any help!
>
>>Thank You!
>>--
>>Dave Hills, P.E.
>>dhills@onramp.net
>
>Fair Radio Sales
>PO Box 1105
>Lima OH 45802
>419 223 2196
>419 227 6573
>419 227 1313 (fax)
>dr
>Dave Rickmers never get out
>rickets@earthlink.com of the boat
>

Hi Dave, Check out W7FG web site he has the schematic for $18.

W7FG Vintage Manuals

3300 Wayside Drive
Bartlesville, Ok 74006

800 807 6146

good luck

Jim WA6IKQ

Selmi@sonoma.edu

477. Re: .435 repeater in L.A. homepage? Where?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: Dave Booth <booth@pactitle.com>
Message-ID: <32078804.2781@pactitle.com>
Source record: 219430

Mike Freeman wrote:
>
> In article <wa2iseDvMwp7.4z5@netcom.com>,
> Robert Casey <wa2ise@netcom.com> wrote:
> >>>
> >>147.435? Damn! That's the most messed up repeater in all of L.A. area. I
> >>listened to it once and all they do is sear, threaten, talk gay (i don't
> >>mean happy), and talk about sex!
> >>
> >>It's sleeze!
> >>
> >I'm still a bit puzzled why the FCC (evne with their limited resources)
> >haven't jumped on this mess. If I was the owner/trustee, I'd probably
> >convert this machine to high speed packet use only.
> >
> I concur. However, when I was in Anaheim a month ago, I must confess that
> I enjoyed one bit of entertainment on that unbelievable machine: some of
> the regulars had a $500-bet going as to whether another one of the
> regulars would receive a notice of violation of Part 97 from the FCC by a
> certain date. Dunno who won or lost as I left before the time period
> specified in the bet expired!
> --
> Mike Freeman | Internet: mikef@pacifier.com
> Amateur radio: K7UIJ | GEnie: M.Freeman11
> /* PGP2.6.2 PUBLIC KEY available via finger or PGP key server */
> .. Ask not for whom the <^G> tolls.

Well if the FCC did do anything to remove the repeter or remove the people from
that repeater then you would have those knuckle-heads just go to another
repeater. so i think it's good that nothing is being done about it...
kc6wfs
http://www.geocities.com/Hollywood/5860
--
Dave Booth

478. Re: Updated Ham Pages

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: Dave Booth <booth@pactitle.com>
Message-ID: <32078EDC.446B@pactitle.com>
Source record: 219431
Cross-posted to: va.general,uk.radio.amateur,rec.radio.amateur.space,rec.radio.amateur.packet,rec.radio.amateur.misc,rec.radio.amateur.dx,rec.radio.amateur.antenna,nc.general

wa4pgm@moonstar.com wrote:
>
> I just uploaded my newest pages. Due to the length of just
> the single page I have split the page up. Check it out,
> and many thanks for the comments. Anyone like to add anything ?
> Comments direct please.
> 73 Kyle
>
> http://www.moonstar.com/~wa4pgm/

I'll go check it out!
kc6wfs
http://www.geocities.com/Hollywood/5860
--
Dave Booth

479. Re: CORRECTION - FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: n7ory@primenet.com
Message-ID: <4u83e9$3rs@nnrp1.news.primenet.com>
Source record: 219432
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

I just want to know how to check if I comply or not. I downloaded the
PDF from the FCC, and the measurements listed there are WAY above me.
Is there a chart available for this?
I'm not too concerned because I only exceed 50W on 10M (100W), but
would still be interesting to know.

Rob Neff (N7ORY)

480. Tucker Electronics

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: Saad Mahaini <Saad.Mahaini@mci.com>
Message-ID: <3207B689.7677@mci.com>
Source record: 219433

Howdy,

This is a follow up to my previous Internet posting sometime ago, regarding Tucker Electronics (Garland, TX) radio repair center.

I recently had the opportunity to deal with Tucker Electronics again, and I was pleasantly impressed with their commitment to customer satisfaction, and strive for good service.

My main issue was radio repair service, and Tucker now have a well established radio repair center. The data that I collected on their radio repairs history indicate that they have repaired more than 600 amateur radios with less than 10 reported problems. Also, they are an authorized Kenwood and Icom service center.

I decided to post this, because I believe in giving the credit to the people that deserve it. Tucker electronics met their pledge for customer satisfaction in my case, and I want to share this experience with all my fellow amateurs out there.

73s KB6VIR/5

481. Re: German Ham Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: kc7gnm@primenet.com
Message-ID: <4u826t$2bh@nnrp1.news.primenet.com>
Source record: 219434

eusrdf@exu.ericsson.se (Richard Fitzgerald) wrote:

>If my memory serves me correctly. The American amateurs located around the
>Wiesbaden/Frankfurt/Mainz area monitor 144.655 simplex. Good luck on your tour.
>I lived for two years up in the Dusseldorf area, but I was never under the SOFA
>(military) agreements.In article i3v@nnrp1.news.primenet.com, kc7gnm@primenet.com (Greg Thompson) writes:

Appriciate the info. Will keep this freq in mind.

73

482. frequencies

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: kaf3@axe.humboldt.edu
Message-ID: <3207705b.29610953@199.4.94.14>
Source record: 219435

Can anyone tell me what the McDonal's and Taco Bell's frquencies are?
The Sony telephone frequencies would be helpful also.

Thanks
kaf3@axe.humboldt.edu

483. Re: F* You Jim You Low Life

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: bill allen <w7us@primenet.com>
Message-ID: <32079E14.62AF@primenet.com>
Source record: 219436
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

Jeffrey Herman wrote:
>
> Gang, The original writer of this article lost his internet account. If
> you're replying to it thinking you're shaming him, forget it. He's off
> reading books now, or watching TV.
> KH2PZ

484. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug6.185614.19046@ke4zv.atl.ga.us>
Source record: 219437
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

In article <4u7flm$mun@news.halcyon.com> gfiber@halcyon.com (Gary Fiber) writes:
>
>This could get real interesting. Since the article says the station location
>and all occupants are in a controlled enviroment. They consider neighbors and
>such to be uncontrolled. I wonder what will happen if a neoghbor comes down
>with some mysterious illness like cancer and notices he has been bombarded with
>electromagnetic radiation from your station all these years could he hold the
>operator liable because he had knowledge of the EPA guidelines of RF radiation
>?.

You bet. The lawyers will love this. But you can be sure that the
manufacturer of the radio will be sued too. Remember the deep
pockets rule. General aviation was nearly ruined because the deep
pockets rule meant that the aircraft manufacturer was always sued
when some pilot did a stupid thing and hurt someone. The legal
theory was that the manufacturer should have built the plane so
that the pilot's stupidity couldn't cause an accident. Same logic
applies here.

>Also I wonder what the FCC intends to do with all the land mobile equipment
>as most all is 100 watts. The article implies a mobile station operating over
>50 watts could also not be in compliance with the guidelines..

Worse than that, Gary, the 50 watt exemption only applies to *amateurs*.
It does not apply to other classes of licensees. They've got to certify
compliance at *any* power level. Note that "push to talk" *radios* are
exempted from certification by their *manufacturers*, but *stations* using
such radios are not. The *licensee* is still responsible for seeing that
his station operates in compliance with 47 CFR 1.1307, 1.1311, and 1.1312.

However, Part 90 *portable* radio stations are categorically exempted.
I'm not sure the FCC considers "mobile" rigs to be "portable" radio
stations. If not, *each* installation must be certified. Otherwise,
they're exempt *regardless* of power level. Cops always seem to be
"more equal" under the law than you or me.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

485. Re: world biggest secret almost lost

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug6.151628.18293@ke4zv.atl.ga.us>
Source record: 219438

In article <Pine.OSF.3.93.960801154532.27460D-100000@spartacus.hula.net> Joesph Fenn <jfenn@spartacus.hula.net> writes:
>Dont remember exactly the Month issue of QST, but was in 1944 as I recall
>when QST leaked info of how the process worked in the first construction
>of the A bomb. It wasnt titled anything like that, as noone had ever
>heard of such a thing at the time, but that one edition was quickly
>pulled from all newstands etc but some of the subscribers saw it and
>wondered what the reference was about. My mind is fuzzy now but I
>remember reading about heating the filament of some kind of a tube,
>I think it was a magnetron and using RF power to heat the filament
>rather than AC or DC. Does anybody out there recall that????.
>(who knows maybe Im drifting off into Alzeheimers or something).
> KH6JF (W4FAG at the time during WW2)

I don't recall that, but Analog Magazine (the John Campbell edited hard science fiction magazine) had a story during the war that so accurately described an atomic bomb that the FBI had extensive discussions with Campbell and the author after it hit the stands. They became convinced that neither had ever heard of the Manhattan Project and that the design came from the bright imagination of the author, who had considerable scientific training and saw the device as obvious. In fact, the design of atomic bombs *is* obvious, except for the conventional explosive lenses that make it work. That was the *real* "atomic secret".

Mention of magnetrons in QST during the war would probably have drawn the FBI's interest for another reason. Radar. The magnetron was a secret (captured from the Japanese).

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

486. NEW PRACTICAL ELECTRONICS WEBZINE

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: "N.Hampshire" <nickh@emags.u-net.com>
Message-ID: <4u8c68$g4m@nuntius.u-net.net>
Source record: 219439

Electronics on the Web - is a new practical electronics webzine
for everyone with an interest in electronics. You can find us on:

http://www.emags.com/electron.htm

Nick Hampshire, Editor

487. Re: Vanity Callsign Lists

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: res@cmprime.cis.att.com
Message-ID: <4u87o6$17s@anchor.cis.att.com>
Source record: 219440

Dale D. Holloway (nj8x@ix.netcom.com) wrote:
: Gary, try the following site. All available 1X2 or 2X1 call signs
: are listed there.

: www.ultranet.com/~bob/

I just went there and checked on some calls. It s not up-to-date.
Some calls that I know were reissued a few weeks ago are listed as
available on his web page.

Rick KT2Q

488. Re: "GMRS Personal Radio?" What is that?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: n7ory@primenet.com
Message-ID: <4u7sbd$p29@nnrp1.news.primenet.com>
Source record: 219441

clint.bradford@atdbbs.com (Clint Bradford) wrote:

>>> No [FRS] repeaters...

>The FRS docket does NOT prohibit an operator from setting up a VOX mike
>and re-broadcasting about anything he/she desires over the FRS. No
>limitations on transmit time, either.

>Just two of the MANY problems that we, licensed, BUSINESS operators see

If you feel this way, perhaps it's time to move on to better bands and
take your "business communications" to where the FCC hasn't stopped
issuing licenses to businesses, yet.

>in the new FRS - plus the fact that for the first time in history, the
>FCC is forcing licensed, business operators to SHARE a band with
>unlicensed, CB-mentality folks. With absolutely NO recourse for
>intentional interference.

You know what I share GMRS with here in Phoenix? UNLICENSED
businesses. Tow-truck and hauling companies using callsigns that
expired in 1992, lame block-watch groups holding comical conversations
on 462.675, and a FEW families.

What I keep seeing, is people complaining about this new band plan,
and that it will cause "intentional interference". BS! As long as
they are using the type accepted equipment, we shouldn't have a
problem right? If they are not, then they are already in violation,
thus negating the need to add that language to the docket. Hell, the
deviation for the new rigs is half what it is today on GMRS and do we
have an interference problem now? NO.
I can sit and listen to the interstitials all day and not hear a soul.
At least now, I can forsee some activity, increasing the chances for
someone to get help for either directions or emergency assistance.

Almost everyone uses CTCSS tones, or PL tones. Even if you were to hop
on 462.675 right now, what are your chances of having the right tone
for someone to hear you? Pretty darn slim. I think this increases ones
chances, over time.

Instead of welcoming several new FM freqs on 467, everyone is rushing
to label it as a mistake and a failure. If anything, we should be glad
it's there if we need it.

Rob Neff (N7ORY)
KAF-6962

489. Re: .435 repeater in L.A. homepage? Where?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: jgarver@ichips.intel.com
Message-ID: <4u8ad3$b4e@news.jf.intel.com>
Source record: 219442

In article <4u7tb7$mum@news.pacifier.com>,
>>I've been told that the 147.435 2M repeater in Los Angeles has a
>>homepage, of sorts, and I'd like the URL if anyone knows it, please.

My searches found nothing on the web about that but I've heard that
there is an uncoordinated repeater in the PDX area on 147.435 Mhz
using a -1.035 input. It must be in honor of the famous Roach Radio
Resort down South.

If you ever visit LA, BTW, bring a 222 Mhz radio.

--
jgarver@ichips.intel.com WA7LDV I don't speak for Intel

490. Re: Schematics NEEDED

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: rickets@earthlink.com
Message-ID: <4u8d2v$22i@ecuador.it.earthlink.net>
Source record: 219443
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.misc,sci.electronics.repair

"Jim D. Selmi" <Selmi@sonoma.edu> wrote:

>rickets@earthlink.com wrote:
>>dave hills <dhills@onramp.net> wrote:
>>
>>>I have a WWII vintage Army receiver, model BC-348, which does not
>>>operate on the high band. Does any one know where I can obtain a
>>>schematic for this model? I would very much appreciate any help!
>>
>>>Thank You!
>>>--
>>>Dave Hills, P.E.
>>>dhills@onramp.net
>>
>>Fair Radio Sales
>>PO Box 1105
>>Lima OH 45802
>>419 223 2196
>>419 227 6573
>>419 227 1313 (fax)
>>dr
>>Dave Rickmers never get out
>>rickets@earthlink.com of the boat
>>

>Hi Dave, Check out W7FG web site he has the schematic for $18.

>W7FG Vintage Manuals

>3300 Wayside Drive
>Bartlesville, Ok 74006

>800 807 6146

>good luck

>Jim WA6IKQ

>Selmi@sonoma.edu

$10 + S & H at Fair and they have parts and groovy catalogs.
dr

Dave Rickmers never get out
rickets@earthlink.com of the boat

491. Re: how can I broadcast on FM radio?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: MATT FISHER <WW4Z@worldnet.att.net>
Message-ID: <4u8h1e$q6a@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 219444
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,rec.radio.amateur.misc

Ah! Ah! Have you tried calling the FCC for information?

492. Re: German Ham Radio 716 334 9779

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3207D1CB.4C31@ccsnet.com>
Source record: 219445

John R. Cunliffe wrote:
>
> I don't think so, her actions within the community are known, your
> actions are known too. And lets just face it Burt, as much as I enjoy
> sending mail on the internet and get into controversial theme (and the
> same is thru for Ruthie) this is just a hobby and for entertainment
> purpose only. Friendships can not be brocken by E-mail from someone
> that has a reputation like you have. And this is nobody's fault but
> your's.

You speak many truths. But maybe, just maybe, someone will see a bit
of Ruthie here and put two and two together and treat her as she deserves.

> This is a point of perspective, quoting E-mail aut of context is one
> thing, seeing the whole exchange a other thing.

I did not quote out of context. Ask her if you do not think
those were her thoughts.

> Also many Jew's today are not in aggreement with the behaivior of the
> Jewish nation in Israel and this is a wel known fact within the
> community.

Not many, some. And those Jews do not have to live UNDER THE GUN.
It is easy to tell someone else to turn the other cheek when
you live far away.

> >Nazis were proud too.
>
> That is correct, but are you proud to be you??

Absolutely.
With all the German family and friends you have I can understand why you
are upset at me.

And Nazis were proud to be Nazis, does that make it right?

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#================#===#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#===#

493. Re: Burts wife was insulted

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3207D23B.2BAB@ccsnet.com>
Source record: 219446
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

John R. Cunliffe wrote:
>
> Well Burt, maybe if you put a realistic price on this equiptment
> somebody would by it. You should go to one of the hamfest and get
> informed about the real value of your equiptment and then try it
> again.

What prices need to be corrected?

C O M P L E T E S T A T I O N

I am selling my entire station as one package. See it, test it, buy it.

Icom 751 with CW filters, RC-10 keypad $800

Icom 2KL Solid state 5OO watt amplifier $1300

Icom AT-500 automatic tuner $350

Cushcraft A3 Beam $300

Alliance Ham rotor $100

40 foot crank up tower $300

$3000 cash and I do mean cash. It all works and it is all connected.

I am bored with the hobby. The prices noted above are how I arrived at
the total, if you strongly disagree, tell me.

All messages answered. If you do not get an answer I did not either get
the message or you didn't.

494. Re: BEWARE OF JON VAN ALLEN, KF7YN, IN SALT LAKE CITY

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4u7cmv$fqe@freenet-news.carleton.ca>
Source record: 219447

JACK CLARKE (clarke@aztec.asu.edu) writes:
> The following posting appeared last February.
>
>>Article #36730 (37332 is last):
>>Newsgroups: rec.radio.scanner
>>From: yonnie@sltrib.com (Jon Van Allen)
>>Subject: WANTED DEAD OR ALIVE- OLDER BEARCAT SCANNERS
>>Date: Wed Feb 28 21:49:37 1996
>>
>>Wanted, your old Bearcat 210, 220, 20/20, 250, 300 or 350
>>scanners, working or not. Any of these old classics still
>>out there? Maybe just collecting dust? Let me know if you
>>have one relegated to the junk heap. Post here or via email
>>yonnie@sisna.com
>>
>>Thanks, Jon
>
>
> Seems innocent enough. We corresponded by e-mail and I told him
> I had two Bearcat 250s that I had been planning on fixing but
> wasn't really sure I had the knowledge so thought I would sell
> them. He said all he could offer "sight unseen" was $20 each.
>
> To make a long story short, I sent them to him for evaluation with
> the understanding that he would send me a check after he got a
> chance to look at them. That was last April.
>
> Here is the e-mail I received from him just before I sent the
> scanners to him. Pretty smooth, isn't he!
>
>>Thanks for the update. Your plan is fine with me, and I will give you a fair
>>price once I have looked them over. I am an honest person, and you know
>>Jack, I have not been burned yet dealing with people over the net on a basis
>>of mutual honesty.
>>
>>I'll be glad to get them, thank you.
>
> I have sent e-mails requesting my money on May10th, June 11th,
> and July 14th and got no reponse from him.
>
> We live and learn. Just felt an obligation to share this with you.
>
>
>

> Jack
> in Mesa
> --

Keep telling people about him until you get your $$$! No one needs
garbage like him.
--
73s Frank Sved, VE3GID

495. Re: Ham guts

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4u7f03$gij@freenet-news.carleton.ca>
Source record: 219448

Burt Fisher (kotzebue@juno.com) writes:
> A man went to a guts store to get some guts for dinner. He sees a sign
> remarking on the quality of guts offered at this particular gut
> store. So he asks the butcher: "How much for Engineer guts?"
> "3 dollars an ounce."
> "How much for teacher guts?"
> "4 dollars an ounce."
> "How much for ham operator guts?"
> "100 dollars an ounce."
> "Why is ham operator guts so much more?"
> "Do you know how many hams you need to kill to get one ounce of guts?
>
^^^^^ fell asleep again Blurt. I want to hear the ending.

--
73s Frank Sved, VE3GID

496. New Dx award.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3207D2FB.316E@ccsnet.com>
Source record: 219449
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.misc

This is a bulletin on behalf of the Societe Ancient Telegraphers Intentional Reducio Extremis (SATIRE), one of the world's smallest and slowest growing amateur radio operating awards organization. The group hereby annouces a brand new certificate : the WORKS ONLY DX (WODX) AWARD. (hates Americans).

This is an on-your-honor award; no QSLs are required. If you qualify in your own mind , you get the award without needing to submit proof. This is a NO FEE award. To receive your certificate, simply copy the certificate below to file, then edit the file to include your callsign, check any special endorsements, and then print out and post it in your shack.

Certificate:

"SOCIETE ANCIENT TELEGRAPHERS INTENTIONAL REDUCIO EXTREMIS"

-- WORKS ONLY DX AWARD --

In recognition of an extraordinary operating accomplishment, amateur radio operator _____ is hereby awarded the prestigeous Works Only DX Award, based upon the fact that said operator limits his contacts to DX STATIONS ONLY, and has not, within the past 6 months, had any on-the-air conversation (either by CW, phone or other operating mode) with any other operator residing in his own country.

In addition to denying himself the pleasure of chatting with his fellow countrymen (in dedication to his single-minded pursuit of rare DX contacts), said operator has achieved further distinctions. The following special endorsements to this certificate also apply:

( ) Works only stations from countries from which he has not already received a QSL card.

( ) Devotes at least 6 hours each day to monitoring packet cluster spots

( ) Exchanges only minimal information, to avoid unnecessarily prolonging contacts and learning what real people are like.

( ) Abruptly terminates any domestic contact which may have been erronously made during the heated pursuit of DX for fear of actually getting too personal.

* END *

497. ARLB050 New RF standards Part 1

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: w1aw@arrl.org
Message-ID: <$arlb050.1996@arrl.org>
Source record: 219450
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB QST @ ARL $ARLB050
ARLB050 New RF standards Part 1

ZCZC AG30
QST de W1AW
ARRL Bulletin 50 ARLB050
From ARRL Headquarters
Newington CT August 6, 1996
To all radio amateurs

SB QST ARL ARLB050
ARLB050 New RF standards Part 1

New FCC RF safety standards effective January 1, 1997, could affect the way some hams operate, perhaps especially those using vehicle-mounted antennas. As a result of a Report and Order adopted by the FCC on August 1 (ET Docket No. 93-62, Guidelines for Evaluating the Environmental Effects of Radiofrequency Radiation), Part 97 will require hams running more than 50 W PEP to conduct routine RF radiation evaluations to determine if RF fields are sufficient to cause human exposure to RF radiation levels in excess of those specified. ''Measurements made during a Commission/EPA study of several typical amateur stations in 1990 indicated that there may be some situations where excessive exposures could occur,'' the FCC said in ending the blanket exemption for Amateur Radio. Amateur operation at power levels of 50 W PEP or less is ''categorically excluded'' from the exposure requirement in most cases. Where routine evaluation indicates that the RF radiation could be in excess of the limits, ''the licensee must take action to prevent such an occurrence,'' the Report and Order stated. The FCC said this could mean altering operating patterns, relocating the antenna, revising the station's technical parameters--such as frequency, power or emission type--or ''combinations of these and other remedies.''

''Exactly what is involved in conducting a 'routine RF radiation evaluation' is not yet clear,'' observed ARRL Executive Secretary David Sumner, K1ZZ, adding that the FCC has promised to release a revised OST/OET Bulletin Number 65, ''Evaluation Compliance with FCC-Specified Guidelines for Human Exposure to Radiofrequency Radiation.'' The League is now studying the 100-plus page docket, to see if the League should seek reconsideration of any aspects of the FCC decision. Sumner noted that the FCC expects it will not be difficult for most amateur stations to show that the specified

limits will be met.

In the Report and Order, the Commission adopted Maximum Permissible Exposure (MPE) limits for electric and magnetic field strength and power density for transmitters operating at frequencies from 300 kHz to 100 GHz. These MPE limits are generally based on recommendations of the National Council on Radiation Protection and Measurement (NCRP) and, in many respects, are also generally based on the guidelines issued by the Institute of Electrical and Electronics Engineers Inc (IEEE) and subsequently adopted by the American National Standards Institute (ANSI) as an ANSI standard (ANSI/IEEE C95.1-1992). The Commission used the 1992 ANSI/IEEE standards instead of the 1982 ANSI standards that had formed the basis for the existing rules under which Amateur Radio stations were categorically exempted.

Sumner said that for high-power mobile operation and for operation with indoor antennas, particularly in apartment buildings and other situations where there is ''uncontrolled exposure'' to neighbors and the general public, ''amateurs may well have to make changes in how they operate.'' He said the ARRL Lab staff and the RF Safety Committee will be evaluating the new requirements.

(continued in Part 2)
NNNN
/EX

498. ARLB051 New RF standards Part 2

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: w1aw@arrl.org
Message-ID: <$arlb051.1996@arrl.org>
Source record: 219451
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB QST @ ARL $ARLB051
ARLB051 New RF standards Part 2

ZCZC AG31
QST de W1AW
ARRL Bulletin 51 ARLB051
From ARRL Headquarters
Newington CT August 6, 1996
To all radio amateurs

SB QST ARL ARLB051
ARLB051 New RF standards Part 2

(continued from part 1)

The new regulations also will require the addition of five questions on RF environmental safety to the amateur examinations for Novice, Technician, and General-class elements 2, 3(A) and 4(B). Sumner noted that the Commission's Report and Order does not take into account the practical problems associated with such a significant revision to the volunteer-administered amateur examinations, and that more time than the Commission has allowed will be required to do a good job.

The Commission acknowledged the updated guidelines generally are more stringent than the current rules but said that the new rules will protect the public and workers from strong RF emissions. Adoption of new rules by August 6 was required by the Telecommunications Act of 1996.

The FCC encourages the amateur community ''to develop and disseminate information in the form of tables, charts and computer analytical tools that relate such variables as operating patterns, emission types, frequencies, power and distance from antennas.'' The Commission said it intends to provide ''straightforward methods for amateur operators to determine potential exposure levels'' by year's end.

In comments filed earlier with the FCC, the ARRL strongly opposed adoption of the new requirements. The ARRL said most Amateur Radio users do not possess the requisite equipment, technical skills, and/or financial resources to conduct an environmental analysis. The League has, for several years, recommended a policy of ''prudent avoidance'' of exposure to electromagnetic radiation as a common-sense approach to potential--but not yet proven--health

hazards and against such practices as running high power to indoor antennas or to mobile antennas that might expose the vehicle's occupants. The ARRL also argued that amateur stations, because of their intermittent operation, low duty cycles, and relatively low power levels, rarely exceed the 1992 ANSI/IEEE standard. Finally, the ARRL noted that unlike other radio services, RF safety questions already are included in amateur license examinations. But the FCC expressed concern that Amateur Radio operations ''are likely to be located in residential neighborhoods and may expose persons to RF fields in excess of the MPE guidelines.''

For now, the League advises hams not to panic and to read up on the subject. You can download the complete Report and Order by pointing to http://www.fcc.gov/Bureaus/Engineering_Technology/Orders/fcc96326.txt. Other resources are available on the ARRLWeb page at http://www.arrl.org/news/rfsafety/.

General information on RF safety is available in the safety sections of The 1996 ARRL Handbook and in the 15th edition of The ARRL Antenna Book. These materials offer guidelines on how to comply with the ANSI standard referred to in the Report and Order.
NNNN
/EX

499. Re: Cookie Monster's Not Happy

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4u7d5p$fvd@freenet-news.carleton.ca>
Source record: 219452

Jeffrey Herman (jherman@Hawaii.Edu) writes:
> Frank Sved <dg198@FreeNet.Carleton.CA> wrote:
>>Jim Kehler (pacrimgolf@kuentos.guam.net) writes:
>>> Cookie Monster <willie@cpeq.com> wrote:
>
>>Jim's right to a certain degree. The only thing irritating is that
>
> you included 5 screens of included text and only wrote 3 lines. Geez
> Stank, learn to use your editor, will ya?
> KH2PZ

Herman, Cookie Monster, Is this a comic strip? Whatever you do, don't
tell me to F...
--
73s Frank Sved, VE3GID

500. Transmitter Circuit Diagram

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: robertsp@liact.lia.net
Message-ID: <4u6430$9gs_001@ct.lia.net>
Source record: 219469

Hi Someone

I am looking for a design for a relatively simple Transmitter of sorts. Probably in the Medium Wave band using Amplitude Modulation.

Does anyone know where I can get circuit diagrams for a transmitter? If you can help, I would appreciate it very much!

Stephen
robertsp@liact.lia.net

http://www.lia.co.za/users/robertsp

501. Re: **** You Jim You Low Life

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: dnorris@k7no.com
Message-ID: <32069592.3575780@news.syspac.com>
Source record: 219470
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

wjs@en.com (Bill Sheehan) wrote:

>Ralph R Crapia <rcrapia@earthlink.net> wrote:
>
>>Only if you mean it.
>>
>don't you mean there should be a colon between **** you and asshole.
>oops, he meant to post this to another news group.
>

Isn't a colon an asshole? Hmmm, I'm cornfuzed.

502. Re: collins radio for sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: Scott Ryan <crtoy@fyiowa.infi.net>
Message-ID: <4u68s2$7e3@nw101.infi.net>
Source record: 219471

How much?

503. Latest SSTV software

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: johnl@world.std.com
Message-ID: <DvoxHD.6CL@world.std.com>
Source record: 219472

```
See http://www.ultranet.com/~sstv/ezsstv.html for description
and download instructions.
```

504. Re: Paging? CTCSS? on CB

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: klaatu@nando.net
Message-ID: <32055624.7649916@news.nando.net>
Source record: 219473
Cross-posted to: rec.radio.cb,rec.radio.amateur.misc

I remember having an old Pace 2300 car CB that had a big jack in the back for a tone module so that only other rigs that sent the tone on xmit would open up the squelch. Like a poor man's business band.

505. Re: Duplex on CB? CB Repeaters?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: klaatu@nando.net
Message-ID: <320555c5.7554922@news.nando.net>
Source record: 219474
Cross-posted to: rec.radio.cb,rec.radio.amateur.misc

In rec.radio.cb, "C. Wheeler" <cwheeler@ccnet.com> wrote:
>These rules don't clearly explain "why" you can't have a CB repeater. I
>guess that it can be infered that repeaters are not used in a
>"...private, two-way, short distance communications service..."
>
>Curtis
>
Its that a repeater can EXTEND the range of traffic & CB is suppose to be short range, (gee I guess thats why they put it on a freq. that old tank commanders had & would get Ionosphere bounce [skip] from other theaters.) Now it can be argued that repeaters have demonstrated in the VHF range the abiltiy to insure solid signals in a small area without extending range. I knew some folks who were thinking about putting up a CB repeater in the 70's. Of course they were gonna buy an AM radio station amp to drive it & use hidden 1/2 channels to keep it a "closed repeater"....

506. Re: Fuck You Jim You Low Life

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: matt@soundwave.com
Message-ID: <4u68ot$332@news.dgsys.com>
Source record: 219475
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

>Ralph R Crapia <rcrapia@earthlink.net> wrote:
>
>>Only if you mean it.
>>
>don't you mean there should be a colon between fuck you and asshole.
>oops, he meant to post this to another news group.
>

This thread illustrates why self-policing, licensed services such as the amateur radio service are superior.

Matt N2NBT

507. GTOR: Any Activity ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: rhiii@pop.erols.com
Message-ID: <32063d0c.14487512@news.erols.com>
Source record: 219476
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc

Very seldom hear any GTOR activity. Have de facto calling frequencies been established ? Are there any dedicated GTOR bbs out there ?

Maybe a better question is: Did GTOR die an early death due to lack of interest ?

-- de Richard/N2JR

508. Re: HTX-202 doesn't like 5w through duckie

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1Dvp5Dq.6AA@netcom.com>
Source record: 219477

In article <4u5lnf$co8@eugene.convex.com>,
David Horak <horak@convex.com> wrote:
>In <4tt8is$h9u@news.pacifier.com> mikef@pacifier.com (Mike Freeman) writes:
>
>>>Maybe so. But the HTX-202 DOES NOT like 5 watts out of a rubber
>>>duck antenna. Can make the uProcessor go wacky.
>>>
>>Ahem ... that has not been my experience. I've run 5 watts using the
>>HTX-202 and rubber ducks, stubby ducks, quarter-wave whips and 5/8-wave
>>whips with absolutely no problem. The only time the processor went nuts
>>was when I had the rubber duck right next to a metal window-frame. I
>>suspect a lot of RF was reflected by the frame back at the radio. Turning
>>the radio off and back on fixed the problem.
>
>You're lucky. Most of us with 202s have seen the ER2 code many times. :-(
>Sometimes, I get it when I use the duck with a BP8 power pack (not even 9v)!
>
>Otherwise, I like the radio.
>
>David

Radio Shack has a notice about trying to run off a car battery
with the rubber ducky. It will damage the HTX202, sooner or later.

509. Re: Fuck You Jim You Low Life

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: billn@PEAK.ORG
Message-ID: <4u6g1p$2pi@bashir.peak.org>
Source record: 219478
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

Matt Brosious (matt@soundwave.com) wrote:

: >don't you mean there should be a colon between fuck you and asshole.
: >oops, he meant to post this to another news group.

: This thread illustrates why self-policing, licensed services such as the
: amateur radio service are superior.

Hardly. There is such profanity frequently used on the Ham bands, such as
80 meters, all the time. It seems that nothing is done about it by the
FCC - although usually the Hams even identify themselves with their calls.

Bill

510. Re: Crystal Control

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: billn@PEAK.ORG
Message-ID: <4u6hko$2pi@bashir.peak.org>
Source record: 219479

A.G. von Luternow (n4jvp@ix.netcom.com) wrote:

: I believe it was in the mid 70s when the FCC decided that
: novices could use VFOs and 250 watts input. It was the same time that
: WN calls ceased to be issued to novices and novices with WN calls
: received new callsigns, ie WN1XYZ became WA1XYZ.

It was sometime in the 70s when VFOs were allowed. However, the input
power was still limited to 75 watts for a while. It later was raised
to either 100 or 150 watts (I forget which) - which was the normal
input power to transceivers in those days.

I hope my memory is still good on the above. I was one of the transition
novices.

Bill

511. Re: "GMRS Personal Radio?" What is that?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: clint.bradford@atdbbs.com
Message-ID: <9608052254162680@atdbbs.com>
Source record: 219480

>> No [FRS] repeaters...

The FRS docket does NOT prohibit an operator from setting up a VOX mike and re-broadcasting about anything he/she desires over the FRS. No limitations on transmit time, either.

Just two of the MANY problems that we, licensed, BUSINESS operators see in the new FRS - plus the fact that for the first time in history, the FCC is forcing licensed, business operators to SHARE a band with unlicensed, CB-mentality folks. With absolutely NO recourse for intentional interference.

512. HTX-202 replacement battery?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: clint.bradford@atdbbs.com
Message-ID: <9608052254152678@atdbbs.com>
Source record: 219481

>>I know there is an ICOM replacement battery with a larger capacity,
>>does anyone know what the ICOM battery number is for the HTX-202?

I replied to you last week on this one, I believe - the BP-8 is the 7.2 volt Icom battery...the BP-7 is a 12 volt unit. But look and see if MAHA is producing a nickle-metal hydride battery for you - I just bought one for my Standard C558a. 12V 1.2AmpHour(!) in a tiny case. Great stuff. Good people.

513. Re: Repeater operation with ADI AT-200 ht

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: clint.bradford@atdbbs.com
Message-ID: <9608052254152679@atdbbs.com>
Source record: 219482

>>Does anyone know if the AD AT-200 is a Standard C158A in "plain wrap"
>>packaging?

Worse than that...it feels bad. Knobs fall off. Cheap feel to it.
Although the battery configuration is similar to a line of Standard
Radios, I cannot believe Standard put the ADI HT units out for another
marketing firm.

514. DR-605T mod needed

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: georgehe@unix.asb.com
Message-ID: <Dvp26y.B2v@news2.new-york.net>
Source record: 219483

Does anybody have the mod info for the DR-605T ?
Any help is appreciated.

73, George

Deputy RACES Radio Officer
ARES AEC
(plus whatever else needs to be done)

515. Repeaters In So. Cal

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: clint.bradford@atdbbs.com
Message-ID: <9608052254162681@atdbbs.com>
Source record: 219484

>>...I just got my Tech + license...but I have no idea what the input
>> frequencies are for 2M repeaters...

I thought there were a couple exam questions that covered this...

Either - .600 or + .600 should enable you to hit a few repeaters, Scott.

516. Re: Some ants don't need guy wires?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: billn@PEAK.ORG
Message-ID: <4u6l1u$2pi@bashir.peak.org>
Source record: 219485

kEN Colburn (ezwriter@netcom.com) wrote:
: Neighbor has huuuge ,60ft? ham ant, on a trianglur shaped tower looks like
: Yagi with no guy wires. Friend was worried it might fall down. He doesnt
: use it ,jsut moved in there. Doesn't need guy wires?
: 2) how would u get it down?

Sure, there are self-supporting towers that tall, and even taller.

Such a construction needs to be disassembled very carefully. The best way
is by hiring a crane. Otherwise, it is best to get some people with
experience to do the job. It can be very dangerous.

Bill

517. Re: German Ham Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <320711A8.1DE3@juno.com>
Source record: 219486

P

> > > Hello all, My name is Greg and I am in the Army. I am on orders for
> > > Germany, specifically Wiesbaden. If anyone from that area can give me
> > >
> > Not a place I would want to go.

> Why?

Read the book, "Hitler's Willing Executioners."

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#================#===#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#===#

518. Re: German Ham Radio 716 334 9779

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <32071264.5050@juno.com>
Source record: 219487

John R. Cunliffe wrote:

> It just show's your character.I bet a lot of our friends in those
> clubs who are Jew's will have a ball.

They will beat on Ruthie.

> They probably stay home from work because they can hardly walk after
> all the laughing about you.

The laugh at Jew haters?

> And hey thanks for publishing my phone ## .I could have saved the $$
> for having it published in the phone book.
> After all it will save someone the pennies for the long distance
> information service. To bad you had to spend it yourself. Next time

I got the number free on the internet.

> A German thats proud to be a German

Nazis were proud too.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#================#===#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#===#

519. Re: Burts wife was insulted

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <32071401.621@juno.com>
Source record: 219488
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Yin Lung Shih wrote:
>
> It seems to me that it was one Burt Fisher that made some rather rude
> comments on the appearance and weight of the typical ham wife on these
> newsgroups not so long ago. So it is OK for you to denigrate an entire
> group of several hundred thousand, which includes a majority that you
> have never met and who are not involved in these discussions, but
> limiting the scope of the insults in the reverse direction is going too
> far?

Did I put down an individual wife or make a general comment?

> I'm also puzzled by your challenge to have a verbal slugfest on radio
> that I saw in another thread. I thought you were selling your equipment
> and getting out of ham radio, or was that just another statement you
> couldn't back up?

You want to buy, I am ready to sell.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#================#===#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#===#

520. Re: Want to get into Ham radio-anyone recommend a radio?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: dnorris@k7no.com
Message-ID: <32069af9.4958797@news.syspac.com>
Source record: 219489

"Bill Turner, WB4ALM" <wb4alm@gte.net> wrote:

>Jim Kehler wrote:
>>
>> Q. What is the range of a 220 HT ?
>>
>> A. Three blocks. If you can hit a repeater, maybe 100 miles. If you can
>> hit.....
>
>How far is "a block?" - I don't have any of them around here.
>

Interesting thought. To answer your question, a block in the Phoenix
area is approx. 1/8 mile. E.g., Phoenix is laid out in 1 mile grid
from Central St. being the "0" point E-W. Then the miles are 7th St,
16th St, 24th St., 32nd St.......

521. Re: dl5NAZI

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <32071373.3885@juno.com>
Source record: 219490
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Joseph A. Ames, Jr. wrote:
>
> Amen.
>
> Burt Fisher is a true fascist and bigot. Luckily, he hails from the
> People's Republic of Massachusetts. Had he come from MY hometown,
> Philadelphia, he would have great difficulty typing a reply because he'd be
> in traction at Hanneman--put there by non-Germans who have no tolerance for
> slimy provocateurs like Fisher.

Why are hams so tough at a distance?
Philadelphia, isn't that the home of Frank Rizzo and the police that
burned out a whole black neighborhood?

>
> You make me ashamed to be a ham, an academic, and an American.

I am ashamed to be a ham as well.

```
#================#=========================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | Mr. Happy should not be happy all the time. |
#================#=========================================================#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#=============================================================================#
```

522. Re: Burts wife was insulted

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <320712CF.4198@juno.com>
Source record: 219491
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Phil Sikes wrote:

> Can Burt get his own newsgroup and get off of this one? I am just
> about ready to unsubscribe due to his diatribes of hate. It could be
> the "alt.professional.asshole" would fit him perfectly. I pity his
> students.

You say I hate?
Look at what YOU wrote.

```
#================#=========================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | Mr. Happy should not be happy all the time. |
#================#=========================================================#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#=============================================================================#
```

523. GTOR: Any Activity ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: rhiii@pop.erols.com
Message-ID: <32072919.1118657@news.erols.com>
Source record: 219492
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc

Very seldom hear any GTOR activity. Have de facto calling frequencies been established ? Are there any dedicated GTOR bbs out there ?

Maybe a better question is: Did GTOR die an early death due to lack of interest ?

-- de Richard/N2JR

524. Telephone call monitor/counter ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: ei5he@corkcbc.iol.ie
Message-ID: <4u6rj2$i1v@nuacht.iol.ie>
Source record: 219493

Hello there.
I wonder do you know of any Prog. that will monitor the use of the internet regarding phone call costs/time spent on the 'net plus of course checking the J.Ops time etc,etc.
Thanks.
Se&#65533;n EI5HE.

```
Packet, EI5HE@EI7DKB

EMail, ei5he@corkcbc.iol.ie
```

525. Stornophone 700, convert ??.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: ei5he@corkcbc.iol.ie
Message-ID: <4u6rj3$i1v@nuacht.iol.ie>
Source record: 219494

Hi there.
I have a Stornophone 700 PMR and I would like to use it to access my local repeater.
I have heard that it is easy to convert this type of PMR but I have absolutely no info whatsoever.
I put a bull out on packet some time ago and got one reply saying that it was a very easy rig to convert but no other info.
Any info would be appreciated.
Thanks.
Se&#65533;n, EI5HE.

```
Packet, EI5HE@EI7DKB

EMail, ei5he@corkcbc.iol.ie
```

526. Re: Packet data cable

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: Dave Maciorowski <wa1jhk@ix.netcom.com>
Message-ID: <32073FA2.2118@ix.netcom.com>
Source record: 219495

adamkern wrote:
>
> Hi all!
>
> I just purchased a new Kenwood TM-251A mobile rig. This rig has a
> dedicated 1200/9600 baud packet connector on it. I have a Kantronics
> KPC-3 TNC.
>
> I want to use the dedicated packet port on the rig, but I can't find a
> premade cable that will properly interface my TNC with the rig. (I'm
> starting with 1200 baud operation.)
>
> Does anybody know if there is any store or individual that sells these
> cables premade, or has anyone already built it for themselves. If so,
> can you please give me some tips on how to do it!
>
> I already have the Kenwood PG-5A Data cable with the 6-pin DIN connector
> on one end for the rig. I also have the parts for the 9-pin serial-style
> plug that came with the TNC.
>
> Also, if I build it, is it just as simple as connecting the wires, or do
> I have to change the line voltages?
>
> Thanks in advance!
>
> 73,
> Adam Kern
> N1TYF
> adamkern@tiac.net

See http://www.idir.net/~medcalf/ztx/wire/ for info on wiring
tnc/radio cables.

Dave Maciorowski, WA1JHK
Colorado Repeater Association, Inc.
Serving Colorado with Voice and Data, 6-Meters to 1.2 Gig

Internet: wa1jhk@ix.netcom.com or wa1jhk@amsat.org
CRA: http://www.rmsd.com/hamradio/cra/

527. Re: dl5NAZI

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: "Joseph A. Ames, Jr." <abcs@prolog.net>
Message-ID: <01bb8396$6fef2fe0$0a04bacc@JoeAmes.ProLog.net>
Source record: 219496
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Prior to and during Frank Rizzo's (a prominent German, by the way:-))
tenure as chief of police, and contemporaneous to Arlen Spector's term as
DA (another prominent German :-)), Philadelphia was a safe, clean city.

Today, we call it Filthydelphia and people are mugged/shot/killed on a
regular basis.

Draw your own conclusions from those data.

528. NEW NEWS GROUP

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: rlubash@poco.mv.com
Message-ID: <Dvpu6D.21J@mv.mv.com>
Source record: 219497

This morning when I checked this group over 15% of the traffic was
related to *Burt*. Now I don't have any personal gripes against Mr.
Fisher but considering that this is a *RADIO* news group wouldn't it be
more appropriate to form a new USENET group called Rec.Get Bated
By.Burt

Richard Lubash
N1VXW
email rlubash@poco.mv.com

529. Re: CORRECTION - FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: vbook@vbook.com
Message-ID: <4u644o$5l3@news.accessone.com>
Source record: 219498
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

In article <4u2uvk$8bd@news.accessone.com>, vbook@vbook.com says...
>
>The FCC has issued new rules regarding the evaluation of RF Emissions and
>health effects from all transmitters. As always, the devil is in the details
>and the details say that if you transmit over 50 watts, you may have
>to perform an RF emissions environmental assessment of your Amateur station.
>Under the new rules, the FCC will add five more questions on RF safety to
three
>of the written exams. Amateur radio operators will be required to certify as
>part of their license application, under an as yet unspecified mechanism, that
>they understand the FCC rules on this issue. In some situations, certain
>Amateurs may have to file a complex "Environmental Assessment" better known as
>an Environmental Impact Report regarding their Amateur station operation.
>
>You can read the complete text of the relevent FCC ruling in FCC 96-396 at
>Ham Radio Online magazine, available on the Internet at:
> http://206.13.40.11/
>(we had to move to a new server and are waiting for InterNIC to move our
>www.hamradio-online.com domain name to the new server)
>

CORRECTION
Contrary to our first reading, it does not appear likely
that any hams will be subjected to filing EIRs. Word to the wise:
Don't read government legal opinions while your 9 year old daughter is
holding a big birthday party with a crowd of 9 year olds :)

While the ruling does place additional rules and compliance
issues upon Amateur Radio stations, I'd guess that having a
federal standard will help to prevent lots of local
municipalities from creating their own, usually ill
considered regulations on RF emissions.

We corrected the web article shortly after posting on Usenet
(which you can retract once posted). Oh well.

Ed, KF7VY

--

Ed (KF7VY) and Kim (N7VPL) Mitchell
email to vbook@vbook.com
Visit Ham Radio Online, it's free! at

http://www.hamradio-online.com

530. Re: Sideband Q-codes ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: jcraig@morgan.ucs.mun.ca
Message-ID: <4u7gf6$fje@coranto.ucs.mun.ca>
Source record: 219499

Robin Birch (robin@falstaf.demon.co.uk) wrote:
: Dear All,
: It is interesting that this discussion comes from amateurs who only use
: a portion of the whole Q code list. The full list, which was developed
: during World War 2 (or there abouts) was intended for use by airborne
: operators and is still used extensively today, on voice, because it is
: short, easily recognisable and breaks language barriers. Exactly the
: reasons that it is used on morse.

QRG in French sounds like QRJ in English! CW is more effective in
'breaking the barrier'.

: appropriate". We resort to phonetic spelling when the conditions get bad
: why not use Q codes for exactly the same reason or when the person on the
: other end doesn't speak the same language as us.

QTA and QTH are lilely undistingushable under adverse conditions. Also,
unless you're prepared to spell the Q-signal in phonetics, the person
speaking the other language will probably not understand you.

: Cheers

: Robin Birch

--
73 Joe VO1NA

531. Re: Hamfests?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: Dick Rogers <hotred@popalex1.linknet.net>
Message-ID: <867cc$92329.3bb@NEWS>
Source record: 219500

Lake Charles, La.Hamfest on October 26, 1996 for more info contact hotred@linknet.net

Dick WB5TUG

532. Re: MALICIOUS INTERFERENCE

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: Hans K0HB <71111.260@CompuServe.COM>
Message-ID: <4u7mcoivs1@mhadg.production.compuserve.com>
Source record: 219501

I think the easy solution would be for you and your friend to pick a recognized simplex frequency for your conversations. From your message, I can't deduce that you are doing anything blatantly illegal, but your selection of transmitting frequency is unusual and could put you afoul of the rule regarding care in such selection.

Speaking only for myself, and your mileage may vary.

--
73, de Hans K0HB
--If you go flying back through time and you see somebody else flying forward into the future, it's probably best to avoid eye contact.

533. Re: CORRECTION - FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-06 00:00:00 UTC
From: mike_luther@ziplog.com
Message-ID: <4u7s06$cp4@news.myriad.net>
Source record: 219502
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

In <4u644o$5l3@news.accessone.com>, vbook@vbook.com (Ed Mitchell) writes:
>In article <4u2uvk$8bd@news.accessone.com>, vbook@vbook.com says...
>>
>>The FCC has issued new rules regarding the evaluation of RF Emissions and
>>health effects from all transmitters. As always, the devil is in the details
>>and the details say that if you transmit over 50 watts, you may have
>>to perform an RF emissions environmental assessment of your Amateur station.
>>Under the new rules, the FCC will add five more questions on RF safety to
>three
>>of the written exams. Amateur radio operators will be required to certify as
>>part of their license application, under an as yet unspecified mechanism, that
>>they understand the FCC rules on this issue. In some situations, certain
>>Amateurs may have to file a complex "Environmental Assessment" better known as
>>an Environmental Impact Report regarding their Amateur station operation.
>>
>>You can read the complete text of the relevent FCC ruling in FCC 96-396 at
>>Ham Radio Online magazine, available on the Internet at:
>> http://206.13.40.11/
>>(we had to move to a new server and are waiting for InterNIC to move our
>>www.hamradio-online.com domain name to the new server)
>>
>
>
>CORRECTION
>Contrary to our first reading, it does not appear likely
>that any hams will be subjected to filing EIRs. Word to the wise:
>Don't read government legal opinions while your 9 year old daughter is
>holding a big birthday party with a crowd of 9 year olds :)
>
>While the ruling does place additional rules and compliance
>issues upon Amateur Radio stations, I'd guess that having a
>federal standard will help to prevent lots of local
>municipalities from creating their own, usually ill
>considered regulations on RF emissions.
>
>We corrected the web article shortly after posting on Usenet
>(which you can retract once posted). Oh well.
>
>Ed, KF7VY
>
>

>--
>------------------------
>Ed (KF7VY) and Kim (N7VPL) Mitchell
>email to vbook@vbook.com
>Visit Ham Radio Online, it's free! at
>http://www.hamradio-online.com
>

Interesting play anyway Ed and Kim. I went to the FCC server and got down the whole 1 meg Word Perfect 5.1 file anyway. Haven't read it yead, but I will. It probably is close to the ANSI standard stuff that is already in the ARRL handbook and not a bad view of life anyway. Actually, if you look at the charts and do some real thinking, the curves and distances for you to use in plotting "safe" spacing between you and your antennae, they are not all that unreasonable. When laying out my more recent antenna arrays on low band stuff for the vertical arrays, I did the check runs for the space required by the new projected standards and my operating position.

What I found was interesting from a far different perspective! Considering that feed line lengths are part of the limiting factor on how far away you can afford to go to get to an antenna and the higher the frequency is, the shorter your pocket book gets, a curious thing happens.

There is so much interaction between vertical arrays and other vertical arrays that are higher than them then the whole business of how far away they have to be from the shack is somewhat moot! If you lay out a plant with anything like the right minimal spacing so that the bigger and taller arrays don't tear up the shorter higher frequency fellers, the spacing from the user is so far above the proposed new standards that they are, in effect, meaningless.

To keep a 160 meter vertical from tearing up an 80 meter 4 square array takes about 600 feet of lateral space separation.......

Plot it all out with MN or whatever.. You'll be surprised. It takes real work to figure out how to hold interaction down without spacing separations like that...

After having worked in the broadcast business as well as being a ham, I really don't want to put an indoor loop antenna in my appartment and then feed 2KW PEP into it, nor do I want to put a three element beam on a roof top rotator right above me in the attic and toss 2KW PEP into that either. Surely running the limit on RTTY that way must make it worse even by common sense.

The charrts that are there are interesting. Mobile unit field levels are also interesting when you take a look at what is happening there.

High power VHF stuff does present hazards...

For you to have simply gotten the attention of some people and perhaps piqued their interest in the issue, may have helped..

Mike @ W5WQN

534. Re: Duplex on CB? CB Repeaters?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: gfoley@freenet.columbus.oh.us
Message-ID: <4uberh$sde@login.freenet.columbus.oh.us>
Source record: 219253
Cross-posted to: rec.radio.cb,rec.radio.amateur.misc

Jeffrey Herman (jherman@Hawaii.Edu) wrote:
: Rick Miller <rdmiller@execpc.com> wrote:
: >This, of course, leads to whether or not it's legal to set up a
: >CB *repeater*... though I'm guessing that it's not. Anyone know why?

: It used to be the case that every CB operator had to have a copy of
: Part 95 next to their radio. That part of the federal regs will answer
: your question. Your library will have the complete collection of the CFRs.
: Jeff KH2PZ / KH6

Don't know about Part 95, but when 11 meters was a ham band duplex
was specifically allowed. I did it for a number of friends who were
on 10 meters and who listened to me relaying them on 11 meters. This
was in the Philadelphia area before 1951.
--
Gerry

535. Re: HTX-202 replacement battery?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: midgard@nycmetro.com
Message-ID: <881.6793T65T305@nycmetro.com>
Source record: 219254

>>>I know there is an ICOM replacement battery with a larger capacity,
>>>does anyone know what the ICOM battery number is for the HTX-202?

>I replied to you last week on this one, I believe - the BP-8 is the 7.2
>volt Icom battery...the BP-7 is a 12 volt unit. But look and see if MAHA
>is producing a nickle-metal hydride battery for you - I just bought one
>for my Standard C558a. 12V 1.2AmpHour(!) in a tiny case. Great stuff.
>Good people.
Do you have the phone # for MAHA handy? Thanx

<tsb>
Midgard Graphics
3D Animation and Special FX for the hobbyist videographer
Email: midgard@nycmetro.com

--
Drop into #amigacafe on IRC's undernet for a chat sometime

--

<tsb>

A man of many hobby's master of none.

Visit our Home Page at http://nycmetro.com/midgard

536. Re: Burts wife was insulted

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <32092FB4.659D@ccsnet.com>
Source record: 219255
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

John R. Cunliffe wrote:

> >> >Cushcraft A3 Beam $300
> >> I paid $$ 100 for mine
>
> >In what condition?
>
> In mint condition it was installed 1 year.
> The ham got tired of the hobby and sold the station. He wanted to
> build a observatory.

You really got a steal. you are not inferring I should give the
equipment away?

> The rest IS very reasonable (I realy should get a spellchecker for
> free Agent ;-)

What of you think of the price below:

Icom 2uAT with fast charger and three extra batteries and high gain whip
rubber ducky. But the display does not work, one button is missing on
the touchtone pad and the transmit button sticks, sometimes.

Burt K1OIK 508-385-6962, k1oik@ccsnet.com or k1oik@k1ugm

Looking for $75 PLUS shipping of $5

537. Robert Sull 216 933 4582 Profane

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3209310D.1132@ccsnet.com>
Source record: 219256
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Bob Sull wrote:

> burt would probably dry up and blow away like dogshit in the wind if he
> didn't get the attention he gets.--

And you gave me more attention.
Would you say the above face to face? 56 year old?
Sull, Robert S...230 Moore Rd...Avon Lake, OH 44012-1226
Phone: (216)933-4582

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#================#===#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#===#

538. Re: All Ham Bands, Reply to Republican Congress - NOT

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: gfoley@freenet.columbus.oh.us
Message-ID: <4ubf44$nk@login.freenet.columbus.oh.us>
Source record: 219257
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.amateur.policy

: Gerry Feid <ugfeid@uxa.ecn.bgu.edu> wrote:
: >The FCC board are political appointees of the White House, NOT the
: >Congress.
: >

They are confirmed by the U.S.Senate. For the last two years this
has required consultation with Republicans. For some Federal Commissions
there is also a requirement for more than one party to be represented
on the Commission. I don't know if this is true of the FCC.

K8EF

--
Gerry

539. Re: .435 repeater in L.A. homepage? Where?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: rdidonna@liberty.uc.wlu.edu
Message-ID: <Dvs5rB.74C@logic.uc.wlu.edu>
Source record: 219258

```
: In article <4u119p$d47@news2.h1.usa.pipeline.com> scott9@usa.pipeline.com(Scott) writes:
: >On Aug 03, 1996 15:19:43 in article <.435 repeater in L.A. homepage?
: >Where?>, 'csupak <csupak@ucla.edu>' wrote:
: >>I've been told that the 147.435 2M repeater in Los Angeles has a
: >>homepage, of sorts, and I'd like the URL if anyone knows it, please.
: >>
: >147.435? Damn! That's the most messed up repeater in all of L.A. area. I
: >listened to it once and all they do is sear, threaten, talk gay (i don't
: >mean happy), and talk about sex!
: >
: >It's sleeze!
: >
: I'm still a bit puzzled why the FCC (evne with their limited resources)
: haven't jumped on this mess. If I was the owner/trustee, I'd probably
: convert this machine to high speed packet use only.

: At the hamfest, someone said this machine is like a "Roach Hotel", that
: the roaches would scatter and contaminate the other machines if shut
: down. I don't think I necessarly buy this arguement....

: I use profanity as much as the next guy, but not on the air.

435 has almost always been zoo for the LA area. Just look at the fact
that it is on an oddball frequency and its input frequency is something
like 1.035 megs away. When they do shut the thing down - which is not
often, the characters do seem to go and infect other machines. I'd
say leave them there.

Rich
--
// Rich DiDonna @ Washington and Lee //
// Politics and East Asian Studies //

"If God wanted us to use the metric system,
Jesus would have had 10 apostles, not 12. . . "
```

540. Re: Ham fest in Richmond, VA????

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: wa4pgm@moonstar.com
Message-ID: <NEWTNews.839471868.3876.wa4pgm@wa4pgm.moonstar.com>
Source record: 219259

In Article<3207FA32.5CA1@earthlink.net>, <packrat@earthlink.net> write:
> Does anyone know when there will be a ham fest in or around Richmond, VA??
>
> Thanks in advance.
> packrat

There one in January called the Frostfest held at the Show Place
, I think is correct.
73 Kyle

541. RE: A CQ Magazine BEEF or HAM!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4ua33f$ere@freenet-news.carleton.ca>
Source record: 219260

Steven Sampson (Steven_Sampson@msn.com) writes:
>>Two beefs with CQ:
>>
>> 1. There are only middle aged white men on the cover as someone
>> else pointed out.
>>
>> 2. Product reviews are usually advertisers. Coincidence?
>>
>>73s Frank Sved, VE3GID
>
> 73 is all you need. It means "Best Regards" there is no word
> "Best Regardss".
>
> That's because Part 97 rules and most licensees are white (over 50,
> and fat, and wear stupid hats). African tribes and asian peasants are
> strictly non-recruited, nor welcome. The magazine is designed for
> that segment of Part 97 rules (the old Ham radio) which fights for
> spectrum not for technology, but for nostalgic radio of the 30's.
> To send "CQ Contest" and see who gets the most points. The old
> white man with the most points gets his name in print (about 6 points
> Helvetica) and pees all over himself in the excitement...

My understanding is that 73s derives from CW sending a series of 3s as in
7 of them. Hence 7 3s as opposed to seventy three.

That's the way I learned it (since I wasn't around sixty yrs ago).

Thanks for posting your interpretation and not pass off as a know-it-all
who posts the bare minimum as if it were all undisputed facts.

licensesss, tribesssss, peasantssss, fightssssss, 30ssss, getssss, pointssssss,
and of course peessss.
--
73s Frank Sved, VE3GID

542. Re: world biggest secret almost lost

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4uaa0p$hs8@freenet-news.carleton.ca>
Source record: 219261

Steven Sampson (Steven_Sampson@msn.com) writes:
>>Mention of magnetrons in QST during the war would probably have
>>drawn the FBI's interest for another reason. Radar. The magnetron
>>was a secret (captured from the Japanese).
>
>>Gary Coffman KE4ZV
>
> I think the british would argue with that. The magnetron was
> developed in England, and was part of the technology transfer to
> the U.S. when it entered the war. Almost every radar book credits
> the british for the invention. The japanese magnetron became
> famous when it was used to cook food for less than 99 bucks...
>

That's because the Japanese lost the war. Were the American/Canadian
Indians ever credited with anything? You lose, you lose everything.

--
73s Frank Sved, VE3GID

543. Brantford Flea Market Aug 17

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: jthomas@wat.hookup.net
Message-ID: <4ua4mv$chn@nic.wat.hookup.net>
Source record: 219262
Cross-posted to: rec.nude,rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.cb,rec.radio.swap,rec.radio.scanner,alt.radio.scanner,alt.cellular-phone-tech,alt.cellular,uw.forsale,tor.general,tor.events,ont.forsale,uwo.forsale,ca.forsale,kingston.forsale,hamilton.buysell,hamilton.general,tor.forsale.computers,tor.forsale.misc

BRANTFORD AMATEUR RADIO CLUB'S

FLEA MARKET

At Burford Fairgrounds, Burford, Ontario
On Highway 53 - 15 km West of Brantford

SATURDAY AUGUST 17th, 1996

From 9:00 am.....Admission $5.00
Vendors 7:30 am.....$8.00/table plus admission
Tailgaters Welcome.....$4.00 plus admission
Expanded: 2 buildings this year.....Acres of free parking
Major Door Prize: $700 gift certificate from Norham Radio Inc.
Talk-in on VE3TCR 147.150+

For more info and table reservations, phone or write:
Richard La Rose, VE3RLX Brantford Amateur Radio Club
153 Dunsdon St. P.O. Box 25036
Brantford, ON. N3R 6N3 Brantford, ON. N3T 6K5
519-752-2437

544. 6m, 20-15-10, 40m spacing?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: alexevon@abraxis.COM
Message-ID: <1.5.4.32.19960807235600.0068450c@smtp1.abraxis.com>
Source record: 219263

I am planning to install a 6m yagi, a 20-15-10 tribander, and a 40m yagi on a tower. What will be the minimum distance of seperation for the three? Plan on putting them on a single mast around 2" diam. Any help would be greatly appreciated.

best 73,
Alex - KB4LBX

```
+-====================== Alex F. Evonosky, KB4LBX ======================-+
| 34.0753N - 84.2942W - 347M El - EM74 - Alpharetta, GA |
| |
|Net : alexevon@abraxis.com |Reptr: 146.655(-)MHz, 443.8(+), 1291.4(-)|
|OSCAR: AO-10, KO-23, FO-20 |Morse: -.- -... ....- .-.. -... -..-|
|Packt: KB4LBX@KB4LBX.GA.USA.NA|WWW : http://www.abraxis.com/~alexevon |
|ATV : 1.253 GHz/427.250 MHz |AX.25: 145.07(1200bps), 440.7(9600,56kbd)|
|SSTV : 14.230 MHz |Bands: 160m-10m/6m/2m/440/1.2GHz |
| |
+-====================ARRL===AMSAT===DXCC===WAC===WAS=================-+
```

545. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: pecampbe@mtu.edu
Message-ID: <4uapth$d8c@mmlab15.mm>
Source record: 219264
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

n7ory@primenet.com wrote:
: gfiber@halcyon.com (Gary Fiber) wrote:
:
: It won't be long before our stools must be tested to comply with EPA
: emissions standards. Why don't they just skip right to the end
: result, and declare everything to cause cancer. Then we can sue
: everyone for being a contibutor to our demise. Problem with that is,
: there would probably be an environmental fee attached to whatever you
: are awarded, so the government and enviro-weirdos can sleep easier at
: night knowing you can't spend it on waste-producing polutants.

Uhh..you do realize that rainwater does not meet EPA regulations for discharge into public bodies of water? EPA rules say pH MUST be 6-8. The fact that absorbed carbon dioxide makes it pH 5.5 makes rainwater a violation of EPA regulations.

Also spring floods due to particulates. To say nothing of natural background radiation, mercury, lead, etc., in areas that have that stuff.

546. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: pecampbe@mtu.edu
Message-ID: <4uaq2n$d8i@mmlab15.mm>
Source record: 219265
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
: In article <4u7flm$mun@news.halcyon.com> gfiber@halcyon.com (Gary Fiber) writes:
: >
: >This could get real interesting. Since the article says the station location
: >and all occupants are in a controlled enviroment. They consider neighbors and
: >such to be uncontrolled. I wonder what will happen if a neoghbor comes down
: >with some mysterious illness like cancer and notices he has been bombarded with
: >electromagnetic radiation from your station all these years could he hold the
: >operator liable because he had knowledge of the EPA guidelines of RF radiation
: >?.
:
: Worse than that, Gary, the 50 watt exemption only applies to *amateurs*.
: It does not apply to other classes of licensees. They've got to certify
: compliance at *any* power level. Note that "push to talk" *radios* are
: exempted from certification by their *manufacturers*, but *stations* using
: such radios are not. The *licensee* is still responsible for seeing that
: his station operates in compliance with 47 CFR 1.1307, 1.1311, and 1.1312.

Worse than that, they didn't make an exemption for black body radiators.

Those pesky cows sure do emit a lot of unlawful radiation, unintentional
or not! To say nothing of the farmer and his wife...

547. Re: r.r.a.misc

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <DvsEK0.2uJ@news.hawaii.edu>
Source record: 219266

Ken Kuzenski <kuzen001@acpub.duke.edu> wrote:
>
>I'm out of here. Been reading for a few weeks, but
>about 90% of the msg traffic here is morons flaming
>each other. Bad cess to all of you.

Isn't this a flame?

>The GOOD thing is, you sorry jerks are here and not
>active on the air. Thank goodness for that.

Looks as if you're not on the air either, Ken. The online callbook at
callsign.ualr.edu only shows a John Kuzenski; no other Kuzenskis.

Have fun on rec.flowers.

KH2PZ

548. Re: JAMMERS ON 2 METER

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <DvsFKn.442@news.hawaii.edu>
Source record: 219267

Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>In article jherman@Hawaii.Edu (Jeffrey Herman) writes:
>>C. Wheeler <cwheeler@ccnet.com> wrote:

>>>Umm, in case you've never been outside your little self indulgent amateur
>>>radio world... FM repeaters do operate on channels. We may identify
>>>them by their center frequency instead of arbitrary numbers, but they are
>>>channels.
>
>>Repeaters operate on frequencies just like any other amateur transmitter.
>>I like to hang out on 7030 kc but no one in their right mind would call
>>that a channel. QRP ops hibernate on 7040 kc; that a group of operators
>>nationwide monitor that frequency doesn't make it a channel. The 20M
>>NCDXF beacon system lives on 14.1 Mc. Is it a channel?

>Shannon would say yes in each of those examples. Any modern communications
>or information theory textbook would also say that they are channels.
>The uses to which bureaucrats or the lay public put the term channel
>aren't really relevant to those whose purpose is the exploration of the
>radio arts. We should use the technical meaning of the term as it is used
>in the communications field.

Fine. But while on HF if you start calling a frequency "the center of
a channel" be prepared to be labeled a lid. Colloquial usage plays
a vital role in what terminology is admissible.

One wonders if Shannon defines "ham radio."

Jeff KH2PZ / KH6

549. Re: test...

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <DvsDE9.1K8@news.hawaii.edu>
Source record: 219268

Steven Sampson <Steven_Sampson@msn.com> wrote:
>Position: 34.431415 Deg. North Latitude
> -119.698060 Deg. West Longitude

I've never seen longitude given as a negative measurement. Are we to interpret negative west longitude as actually being east? That would place him along the east coast of China, close to Nanjing.
KH2PZ

550. Re: A CQ Magazine BEEF or HAM!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <DvsE6p.2DD@news.hawaii.edu>
Source record: 219269

Steven Sampson <Steven_Sampson@msn.com> wrote:
>That's because Part 97 rules and most licensees are white (over 50,
>and fat, and wear stupid hats). African tribes and asian peasants are
>strictly non-recruited, nor welcome.

Almost all countries of Asia and Africa offer their citizens amateur radio licenses. Most have tougher standards then us. And the hams of those countries are free to start their own radio magazines and exclude any white hams which might exist in their country.

But most of those folks are too busy spending their time earning pennies a day in order to feed their families. So tell us, Steve, since you're so concerned about those tribes and peasants, how much do you contribute to UNICEF and other hunger organizations each year?

KH2PZ

551. Scopemeter for sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: rur@innotts.co.uk
Message-ID: <320901a6.503991@news.innotts.co.uk>
Source record: 219270

Hello
Is anyone interested in buying a Phillips/Fluke
ScopeMeter Hand Held Digital Oscilloscope

50 Mhz D.S.O.
Twin Trace
R.F. Generator

TM97 £1400 new... Any offers ?
Paul (G0RUR)
rur@innotts.co.uk
The Celebrity Poet
http://www.innotts.co.uk/das/

552. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <4ua2jr$bi8@news.halcyon.com>
Source record: 219303
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

mike_luther@ziplog.com wrote:

>>
>>>The FCC has issued new rules regarding the evaluation of RF Emissions and
>>>health effects from all transmitters. As always, the devil is in the details
>>>and the details say that if you transmit over 50 watts, you may have
>>>to perform an RF emissions environmental assessment of your Amateur station.
>>>Under the new rules, the FCC will add five more questions on RF safety to three
>>>of the written exams. Amateur radio operators will be required to certify as
>>>part of their license application, under an as yet unspecified mechanism, that
>>>they understand the FCC rules on this issue. In some situations, certain
>>>Amateurs may have to file a complex "Environmental Assessment" better known as
>>>an Environmental Impact Report regarding their Amateur station operation.
>>
>>>You can read the complete text of the relevent FCC ruling in FCC 96-396 at
>>>Ham Radio Online magazine, available on the Internet at:
>>> http://206.13.40.11/
>>>(we had to move to a new server and are waiting for InterNIC to move our
>>>www.hamradio-online.com domain name to the new server)
>>
>>This could get real interesting. Since the article says the station location
>>and all occupants are in a controlled enviroment. They consider neighbors and
>>such to be uncontrolled. I wonder what will happen if a neoghbor comes down
>>with some mysterious illness like cancer and notices he has been bombarded with
>>electromagnetic radiation from your station all these years could he hold the
>>operator liable because he had knowledge of the EPA guidelines of RF radiation
>>?. Also I wonder what the FCC intends to do with all the land mobile equipment
>>as most all is 100 watts. The article implies a mobile station operating over
>>50 watts could also not be in compliance with the guidelines..

>Oh knowledge of the affair isn't really required! Product liability, for example
>transcends all reasonable sane limits for time elapsed on that, with or without
>knowledge.

>I am familiar with one lawsuit now going on where the product involved was
>built in 1978. The claim is the gate design on a cattle trailer was defective
>and the user had the gate come open last year and the cows fell out and
>caused a massive traffic accident.

>Allegations seem to be that because the design was copied from another
>product back in 1963, it is really not the copiant that may have the final
>liability, but the party from which the design was COPIED!

>For millions of dollars in claimed damages.....

>:)

>Mike @ W5WQN

It might be the manufacturers will have to apply a warning label on equipment to remind the installer / user of the possiable electromagnetic radiation problems of improperly installed equipment.

Kind of like warning label " Danger the coffee in the cup is hot and may cause burns if spilled upon yourself "

We will all learn about the EPA requirements for radio transmission and radiated power. I know manufacturers cannot build a handheld that transmits over 7 watts RF power with out going through MAJOR EPA loops and hoops. No body wants to go through all of what the EPA requires for handheld over 7 watts in power, so they do not build them.

I would guess this might also be a good case for antenna heighth. The higher the radiating element the less signal affects the immediate surrounding area

Gary

553. Re: Fuck You Jim You Low Life

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: lbrty4us@aol.com
Message-ID: <4u9sih$8cp@newsbf02.news.aol.com>
Source record: 219304
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

In article <4u6g1p$2pi@bashir.peak.org>, billn@PEAK.ORG (Bill Nelson)
writes:

>Hardly. There is such profanity frequently used on the Ham bands, such as
>80 meters, all the time. It seems that nothing is done about it by the
>FCC - although usually the Hams even identify themselves with their
calls.

This is truly a shame; let's all become Socialists right away!

554. Re: CORRECTION - FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <4ua3um$bsq@news.halcyon.com>
Source record: 219305
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

vbook@vbook.com (Ed Mitchell) wrote:

>CORRECTION
>Contrary to our first reading, it does not appear likely
>that any hams will be subjected to filing EIRs. Word to the wise:
>Don't read government legal opinions while your 9 year old daughter is
>holding a big birthday party with a crowd of 9 year olds :)

>While the ruling does place additional rules and compliance
>issues upon Amateur Radio stations, I'd guess that having a
>federal standard will help to prevent lots of local
>municipalities from creating their own, usually ill
>considered regulations on RF emissions.

>We corrected the web article shortly after posting on Usenet
>(which you can retract once posted). Oh well.

>Ed, KF7VY

>--
>-----------------------
>Ed (KF7VY) and Kim (N7VPL) Mitchell
>email to vbook@vbook.com
>Visit Ham Radio Online, it's free! at
>http://www.hamradio-online.com

Ed,

The article on your web site " The following is the text of the FCC 96-396 R/O. Was that straight from the FCC or your interpetation of what the FCC was saying ?

I do not think just not having to file a EIR is a victory or sigh of relif, but the intemt of the FCC to require and make the amateur responsiable for proper knowledge and proper installiation / operation of his equipment . This would include his being resopnsible for not exceeding the EPA guidelines for RF exposure limits.

By mere addition of these questions on a test, you are made aware that the government assumes you know about these limits They would most likely hold the licensee responsible for operation with in the EPA RF Exposure limits. This could turn out to be be a major turning point in Amateur Radio.

Recently in Seattle, Wa area some brought a cellular phone company into court to keep a tower out of the neighborhood, although they group lost, still the legal battle was on. I for one will keep a weary eye to the FCC and EPA about my Amateur Radio operations, also will have another look at my station installiation.

Gary

555. Re: RF expouse limits

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <4u916j$gos@cc.iu.net>
Source record: 219306
Cross-posted to: rec.radio.amateur.digital,rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy

In <4u7sq9$cp4@news.myriad.net>, mike_luther@ziplog.com writes:
>It comes in two flavors, an acrobatic clown version and perfectly worded
>verison which you will likely have to convert from Word Perfect 5.1 to
>read.

the acrobat version came in around 300-400 k, i think. reads up just fine on os/2, windows, and windows 95 machines around the home and shop...and the acrobat version was probably created from the WP version anyway. however, i'll have to look at it again..i didn't notice any links/hot spots in the file...

they could have done it in Envoy 7 or worse, Worldview (where you pay to get a viewer...).

>When in the Lord's name not taken in vain, will anyone EVER listen to
>the idea to post standards in standard text format as in plain ASCI text
>with NO art work, just words.

sometimes, you don't have room for the thousand words when a single picture will do. Collins experimented with something called the Equipment Compiler System years ago -- no drawings, no artwork, no officially released schematics. page after page of stuff like A2R685 x1=1.600 y1=1.500 x2=1.600 y2=2.000. It's apparently a very good way to run a factory, but it's very hard to be able to take a given product and work backwards to figure out what you're looking at. makes life trying to make instruction books difficult. today, i can rip stuff out of the engineering drawings for use in my books blowing off all those errors caused by transcription problems with the "old way". lot easier to find R685 too.

>Mike @ W5WQN

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

556. 4 sale rf test gear + other stuff

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: jc@interport.net
Message-ID: <4u91q1$d2a@park.interport.net>
Source record: 219307

for immediate sale: audio stuff and electronic test equipment

1) 1 modified (dick sequerra) marantz 8B
2) 2 pair Sequerra Met 7 MkII
3) 3 pair Sequerra Met 8 MkII
4) 2 pair Sequerra 10-4
5) 2 pair Sequerra 10-8
6) 1 Altec 604A
7) 1 pair one of a kind Sequerra SIG MkII
8) RFL Ind., gaussmeter model #505
9) B&K, 2 ch mike supply, type 2803
10) B&K, artificial voice #?
11) J-Omega Co., hi voltage voltmeter
12) Keithley, 619 electrometer multimeter
13) Lambda, 2 each, reg. power supply, LK#^@FMV 0-60v 30a
14) Gen Rad, random noise generator, model 1381
15) Boonton, RF admittance bridge model 33A
16) Keithley, nanovolt meter, model 148
17) Marconi, Q meter, TF1245
18) Marconi, oscillator TF1246
19) Tek, storage o-scope 7313 w/ new crt
20) HP, vector impedance meter model 4800A
21) HP, vector impedance meter model 8405A
22) HP, decade oscillator, model 1312
23) HP, down converter model 3730B with 3737BRF module
24) HP, power amp model 230B
25) Kay, multi sweep model 159E
26) HP, tracking generator counter model 8433A
27) HP, synchronizer model 8708A
28) Nicolet Digital, storage scope w/ disc mem model 2090-111
29) HP, DC diff voltmeter model 3420A
30) Boonton, power amp type 230A
31) Gen Rad, universal filter model 1952
32) HP, wave analyzer model 310A
33) Wandel & Golterman, selective level meter model SPM16
34) HP, sig gen model 606B
35) HP, sig gen model 608F
36) HP, network analyzer 8410A
37) HP, polar display 8414A
38) Keithley, scanning thermometer model 740
39) Gen Rad, precision capacitor type 1422ME
40) HP, selective level measuring set 3747B
41) Gen Rad, sig gen model 1003
42) Gen Rad, capacitance measuring assmbly model 1620

43) Gen Rad, capacitance bridge model 1617
44) Gen Rad, inductance measuring assmbly model 1638V
45) Power Design, hi voltage supply model HV1547
46) HP, DC power supply model 6448B
47) HP, phase gain meter 3575A
48) Gen Rad,graphic level recorder w/ 4 pots model 1521B
49) Tek, o-scope system model 7704A
50) Sound Technology, distortion measurement system model 1700A

call R. Sequerra Ass. Ltd., at 203-325-1791 for assistance. fax#
203-325-0263
thank you!

557. Re: frequencies

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: emtp4355@aol.com
Message-ID: <4u9jem$7am@newsbf02.news.aol.com>
Source record: 219308

In article <3207705b.29610953@199.4.94.14>, kaf3@axe.humboldt.edu (Kay Fule) writes:

>
>Can anyone tell me what the McDonal's and Taco Bell's frquencies are?
>The Sony telephone frequencies would be helpful also.
>
>Thanks
>kaf3@axe.humboldt.edu
>
>

Fast food places are authorized to use different frequencies in different areas depending on
other businesses in the area. Here is a list that you will just have to search and find the
one used in your area.

All Freq. in MHz.

McDonalds:

30.84 33.14 33.4 33.715 35.02 35.06 35.12 67.775 70.245
71.105 82.5
141.3 151.715 151.775 151.895 154.49 154.54 154.57 154.6
154.7 169.445
170.245 170.250 170.305 171.105 171.305 171.905 192.8 457.55
461.0375
463.2875 464.0125 468.2875 469.0125 469.1125 469.1375 469.1625
469.1875
469.3125 469.3375 469.3875 469.5125

Taco Bell:

30.84 33.16 151.400 154.515 154.570 162.200 173.800 457.5375
460.8875
461.0375 461.5375 464.3875 464.9625 466.0375 466.0875 466.5375
468.3875
469.9625

Half of the fun of scanning is the search.

Joseph K. Murphy, EMT-P
KF4KEK
emtp4355@aol.com

558. r.r.a.misc

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: kuzen001@acpub.duke.edu
Message-ID: <4ua6a0$lki@newsgate.duke.edu>
Source record: 219309

I'm out of here. Been reading for a few weeks, but about 90% of the msg traffic here is morons flaming each other. Bad cess to all of you.

The GOOD thing is, you sorry jerks are here and not active on the air. Thank goodness for that.

559. VE Session in Santa Barbara, Ca

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: mike_j@ix.netcom.com
Message-ID: <4u9gr6$rb1@sjx-ixn2.ix.netcom.com>
Source record: 219310

Hi All,
Just a quick note to inform you that the Santa Barbara Amateur
Radio Club will have a VE session in conjunction with its annual
"Hamfest/BBQ" on Sunday August 18th. Contact Phil Beautrow
KG6KB at 805-962-8957 for pre-registration or more information.
All levels of code and theory tests will be available.

73 and gud luck de WA6MBZ ..._._ . .

--

****
Name: Michael P. ("Jug") Jogoleff
Call: WA6MBZ
AX.25: WA6MBZ@K6TZ.#SOCA.CA.USA.NOAM
Phone: 805-966-4808, Message or FAX

Snail Mail: 1324 Panchita Place, Santa Barbara, CA 93103-2223
Grid Square: DM04DK
Position: 34.431415 Deg. North Latitude
-119.698060 Deg. West Longitude

E-Mail: mike_j@ix.netcom.com
103225.3614@compuserve.com
mike.j@worldnet.att.net

Monitor
Frequently: 52.920 MHz. -, 145.050 MHz. S, 146.790 MHz. -
223.920 MHz. -, 224.080 MHz. -, 224.120 MHz. -
446.400 MHz. -, 1284.050 MHz. -, 1286.200 MHz. -

Check in
Frequently: 223.920 MHz. Daily at 21:00 PLT.
3856.000 KHz. Daily at 20:00 PLT, LSB.

end
****

560. IOTA EU122 this week.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: Keith Stevenson <kstevenson@msmail.bfsec.bt.co.uk>
Message-ID: <4ua3f8$bvv@detroit.bfsec.bt.co.uk>
Source record: 219311
Cross-posted to: rec.radio.amateur.misc,uk.radio.amateur

For anyone requiring IOTA EU122 Northern Irish Islands a group from the Ballymena Amateur Radio club will be operating from Rathlin Island off the north Antrim Coast. This Island was used in some of Marconi`s experiments and the station is to celebrate he anniversary of this.

The callsign in use will be GB2MRI (Marconi Rathlin Island). Operation should start today (7.8.96) or tomorrow at the latest. The antennas will be taken down on Sunday morning (11.8.96).

Activity be mostly 20/40/80m on IOTA frequencies SSB & CW.

I`ll be there from tomorrow morning - hope to work lots of you!!

VY 73 De Keith.
GI0SSA
..-.- . .

561. Re: Remote control cable specs Knwd ts850?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: levine@mc.com
Message-ID: <4ua7ac$6n3@newsy.mc.com>
Source record: 219312

In article <4u2dmr$np5@gnews2.voicenet.com>, ka3vsp@voicenet.com (Brian Pasternak) writes:
-->I am looking for a wiring diagram and/or schematic for the remote
-->control cable for the Kenwood TS-850.
-->Any input would be greatly appriciated.
-->Thanks.
-->Brian Pasternak, KA3VSP
-->ka3vsp@voicenet.com
-->
-->

The info you seek is in the Owner's Manual. I have built a remote
control. I cant remember which ACC jack it is on the back, but
many functions are available just by connecting a resistor across
that jack. Make a box with normally open push buttons that insert
the various resistances to activate the functions.

```
o <--ACC jack poles--> o
| |
| |
| R1 S1 | For example, if CLR is 150ohms
+-----/\/\/\/\/\--o o----+ make R1=150 and label S1 CLR. etc...
| / |
| R2 S2 |
+-----/\/\/\/\/\--o o----+ All the resistances are listed in
| / | the owners manual.
| S3 |
+-----/\/\/\/\/\--o o----+
| / |
```

etc...........
--
/**
* Bob Levine *
* KD1GG/KB1BRM/VK2GYN/7J1AIS *
* Manager of Application Engineering *
* Mercury Computer Systems *
* --*
* Opinions expressed in this message are my own personal opinions *
* --*
* Personal Web Page http://www.ultranet.com/~bob/ *
**/

562. tubes for sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: ccrawford@hcc-uky.campus.mci.net
Message-ID: <ccrawford-0708960851350001@s23-pm02.hcc-uky.campus.mci.net>
Source record: 219313
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.swap

For sale: Inventory of tubes found in my mothers attic.

All tubes are new, in original boxes, clean. Not tested.

tube # Manufacturer
117Z3 6 National
12BA6 15 Ken Rad
12SG7 1 Ken Rad
14A7 5 Sylvania & Phillips
14B6 4 Sylvania
14Q7 1 Sylvania
19BG6G 36 Raytheon
1C5GT 4 Raytheon
1LE3 8 Raytheon
1U4 97 Raytheon & Ken Rad
35L6/GT 28 Sylvania
35Y4 10 Sylvania
45Z3 5 Raytheon
50A5 3 Sylvania
50A5 14 Sylvania
50C6G 11 National
5Y3G 73 Ken Rad
5Y4G 14 Raytheon
5Z3 58 Raytheon
6F6G 86 Raytheon & National
6J5 10 National
6K7G 112 Ratheon & National
6K7GT 7 Raytheon
6Q7 55 Raytheon
6Q7G 16 Raytheon
6U7G 4 Raytheon & Ken Rad
70 series 3 Majestic, ballast
70 series 1 Amperite, ballast
7B7 1 Philco
7C5 1 Sylvania
7C6 1 Sylvania
7X6 70 Raytheon
7X7 16 Raytheon
90 series 3 Majestic, ballast
CK1005 39 Raytheon, cans
VT209 12 Ken Rad
VT238 30 RCA
42 15 Raytheon & National
42 7 Raytheon

75 8 Raytheon
78 2 Raytheon
80 63 Raytheon
85 19 Raytheon

Charles P. Crawford
1763 Turnagain Drive
Henderson KY 42420

ccrawford@hcc-uky.campus.mci.net

--
"I was so much older then, I'm younger than that now."
B. Dylan

563. Help on RFI from a Toshiba TV

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: Keith Stevenson <kstevenson@msmail.bfsec.bt.co.uk>
Message-ID: <4ua440$bvv@detroit.bfsec.bt.co.uk>
Source record: 219314
Cross-posted to: rec.radio.amateur.misc,uk.radio.amateur

Please can anyone help me with my interference. My dad`s new tv is a 28 inch Tosh with prologic surround sound. I am getting 3MHz of noise centred around 14MHz. I have narrowed it down to the leads feeding the rear two speakers. When I disconnect then the noise goes away.

Would it be possible to insert a low pass filter to allow the audio freqs into the speakers and keep the RF back? I presume that such a device would have to have an 8 Ohm impedance.

Any suggestions - or am I barking up the wrong tree?

Oh for the days when I was causing the interference ...

Replies by email would be especially welcome.

73 De Keith.
GI0SSA.

564. Re: Help on RFI from a Toshiba TV

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: Frank Erskine <frank@g3wte.demon.co.uk>
Message-ID: <CWqn9AAmqJCyEwwq@g3wte.demon.co.uk>
Source record: 219315
Cross-posted to: rec.radio.amateur.misc,uk.radio.amateur

In article <4ua440$bvv@detroit.bfsec.bt.co.uk>, Keith Stevenson
<kstevenson@msmail.bfsec.bt.co.uk> writes
>Please can anyone help me with my interference. My dad`s new tv is a 28
>inch Tosh with prologic surround sound. I am getting 3MHz of noise
>centred around 14MHz. I have narrowed it down to the leads feeding the
>rear two speakers. When I disconnect then the noise goes away.
>
>Would it be possible to insert a low pass filter to allow the audio freqs
>into the speakers and keep the RF back? I presume that such a device
>would have to have an 8 Ohm impedance.
>
>Any suggestions - or am I barking up the wrong tree?
>
>Oh for the days when I was causing the interference ...
>
>Replies by email would be especially welcome.
>
>
Try wrapping a few turns of the speaker lead around ferrite rings -
FX1588 rings (about 1.5" diameter) are very suitable. You'll need no
direct connection to the TV/speakers. They form a high impedance to RF.
Wind them on as close as you can to the TV set, and remember to only 3/4
fill the rings, so as to keep the ends of the winding apart, then tie
them securely with small cable ties, or even string!
--
Frank Erskine
Sunderland

565. Re: HELP: Suitable KWM-2A Q-multiplier?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: dslosty@usa.pipeline.com
Message-ID: <4u9gq0$h4c@news1.t1.usa.pipeline.com>
Source record: 219316

On Aug 07, 1996 08:39:21 in article <HELP: Suitable KWM-2A Q-multiplier?>,
'"JOSE V. GAVILA" <Fermax.esp@vlc.servicom.es>' wrote:

>I'm looking for information on a suitable KWM-2A Q-multiplier; I also
>wonder if the old Heathkit QF-1 would work. Please, any information
>highly appreciated.
>
>E-mail to: EB5AGV@AMSAT.ORG
>
>Thanks!
>
>73 JOSE - EB5AGV

If I remember correctly, back when the KWM2A was in production,
a Q-multiplier was a built-in accessory manufactured by the
Waters Co. in Massachusetts. Doubt if they are still being made,
but you might find a used one. I think it fit into the front panel
space otherwise occupied by the accessory crystal pack.

Also, I think Barker and Williamson may have sold a Q-multiplier for the
KWM2(A).

My memory is hazy on this, so the details may be wrong.

73,
Doug/WA1TUT

566. Re: Duplex on CB? CB Repeaters?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <DvrCow.CtL@news.hawaii.edu>
Source record: 219317
Cross-posted to: rec.radio.cb,rec.radio.amateur.misc

Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>Jeff said:

>>Internal changes would have to be performed to the radio to make it a
>>repeater. Part 95 prohibits that.

>Actually, internal changes would *not* be required. Haven't you ever
>seen an ad hoc repeater made from *two* radios? A couple of *unmodified*
>HTs can make an expedient repeater by simply connecting their earphone
>and microphone connections to a suitable controller. Someone advertises
>just such a controller in the ham magazines. It would work using two

Heck, you could just use a VOX.

>The FCC doesn't allow repeaters on CB because they don't want repeaters
>to be used on (Class D) CB. It isn't because building such a repeater
>would require voiding the Type Acceptance of the radios used.

That doesn't change what I said. Part 95 prohibits internal changes.

Jeff KH2PZ / KH6

567. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: Ed Hare <ehare@arrl.org>
Message-ID: <4uacqb$km3@mgate.arrl.org>
Source record: 219318
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

gfiber@halcyon.com (Gary Fiber) wrote:
>vbook@vbook.com (Ed Mitchell) wrote:
>
>>The FCC has issued new rules regarding the evaluation of RF Emissions >>and health effects from all transmitters. As always, the d=
evil is in >>the details and the details say that if you transmit over 50 watts, you >>may have to perform an RF emissions environme=
ntal assessment of your >>Amateur station. Under the new rules, the FCC will add five more >>questions on RF safety to three of the =
written exams. Amateur radio >>operators will be required to certify as part of their license >>application, under an as yet unspeci=
fied mechanism, that
>>they understand the FCC rules on this issue. In some situations, >>certain Amateurs may have to file a complex "Environmental Asse=
ssment" >>better known as an Environmental Impact Report regarding their Amateur >>station operation.

In essence, the FCC is relying on the demonstrated technical ability
and proven self-policing track record and allowing amateurs to perform
their own evaluations. If we determine that our stations are in
comliance with current FCC regulations, we need not file anything with
the FCC. The FCC goes on to say that stations that run less than 50 watts
do not need to perform the self-evaluation but are presumed to be in
compliance.

The VAST majority of amateur stations are already in compliance with
these rules. Those few stations who determine that they are *not* in
compliance are expected to correct the situation or to file the EA as
described in Part 1 of the FCC rules.

The FCC then goes on to say, "We want the licensees of such stations to
provide adequately for RF safety. We do not believe, however, that a
detailed EA or other routine environmental filing is practical or
necessary. . . An EA would be evaluated by the Commission to determine
whether the authorization should be granted in view of the environmental
impact. In reality, this leads to a de facto compliance requirement,
since most applicants and licensees who are not categorically excluded
(see above) undertake measures to ensure compliance before submitting an
application in order to avoid the preparation of a costly and
time-consuming EA. For this reason EAs are rarely filed with the
Commission. This has not changed from the existing rules. "

>This could get real interesting. Since the article says the station >location and all occupants are in a controlled enviroment. T=
hey >consider neighbors and such to be uncontrolled. I wonder what will >happen if a neoghbor comes down with some mysterious illne=
ss like cancer >and notices he has been bombarded with electromagnetic radiation from >your station all these years could he hold th=
e operator liable because >he had knowledge of the EPA guidelines of RF radiation?.

This could happen right now, before these regulations are in place. A few hams have been sued, and a few local regulations were attempted, on these grounds. In those cases, most hams have NOT had an easy way to demonstrate that their station did not exceed the limits specified in recognized standards. Nor did those standards have the force of law. With the new FCC regulations, and the upcoming material being prepared by the FCC, hams will have regulations that limit the amount of energy they can radiate into their neighbors homes (IMHO, with a presumption that anything less than the allowed maximum is presumed to be safe), and, more importantly, a tool that will allow them to demonstrate that they are in compliance with the regulations, using OST Document 65 (being revised to OET Document 65) referenced many times in the Report and Order. I have to suspect that we will be better off this way.

>Also I wonder what the FCC intends to do with all the land mobile >equipment as most all is 100 watts. The article implies a mobil=
e >station operating over 50 watts could also not be in compliance with the >guidelines..

The FCC covered that in paragraph 67:

" 67. Although our exposure criteria will apply to portable and mobile devices in general, at this time routine evaluation for compliance will not be required of devices such as "push-to-talk" portable radios and "push to talk" mobile radios used in taxicabs, business, police and fire vehicles and used by amateur radio operators. These transmitting devices will be excluded from routine evaluation because their duty factors (percentage of time during use when the device is transmitting) are generally low and, for mobile radios, because the antennas are normally mounted on the body of a vehicle which provide some shielding and separation from the user. This significantly reduces the likelihood of human exposure in excess of the RF safety guidelines due to emissions from these transmitters. Duty factors associated with transmitting devices that are not "push-to-talk," such as transportable cellular telephones ("bag" phones) or cellular telephones that use vehicle-mounted antennas, would be generally higher, and we will require that these devices be subject to routine evaluation for compliance with general population/uncontrolled MPE limits. Although we are not requiring routine evaluation of all portable and mobile devices, under Sections 1.1307(c) and 1.1307(d) of the FCC's Rules, 47 CFR 1.1307(c) and (d), the Commission reserves the right to require evaluation for environmental significance of any device (in this case with respect to SAR or compliance with MPE limits)."

Now, back to writing the detailed report that my boss is making me write.
:-)

73 from ARRL HQ, Ed Hare, KA1CV, ARRL Laboratory Supervisor

568. Re: how can I broadcast on FM radio?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: protect@bright.net
Message-ID: <protect-0708961118320001@chil6-cs-3.dial.bright.net>
Source record: 219319
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,rec.radio.amateur.misc

In article <3206BCE1.4324@gate.net>, robert <nix@gate.net> wrote:

> Could someone point towards info on how to broadcast on FM radio.
> I've heard it called free radio or pirate radio. Does that mean it's
> illegal (how illegal:)? What makes it illegal (in florida)? Where can I
> buy the equipment? What would I need to buy? I just want to transmit 5
> to 10 miles and just music (mostly my own and my friends music so as not
> to violate copyrights or whatever).
>
They call it PIRATE RADIO because they hang Pirates when they catch them.
That is what the FCC will do if you are caught broadcasting music 5-10
miles on FM Radio without a license. Amateur radio regulations prohibitthe
broadcast of music. Other broadcast of music requires a commercial
broadcast license. You are facing fines ranging from $2000 to $15000 if
you are caught, which means free radio is only free until you are caught.
These are serious fines, the FCC does noto mess around with parking ticket
size penalties. If you choose to use amateur radio FM equipment, licensed
amateurs will quickly track you down and report you to the FCC. Tracking
illegal stations is an Amateur radio hobby/sport.
Charles

569. Re: Yaesu Ft747GX problem

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: Mike Willis <mjw@rcru.rl.ac.uk>
Message-ID: <3208BE89.7339@rcru.rl.ac.uk>
Source record: 219320

D/S/Losty wrote:
>
> Hi,
>
> I've got a Yaesu FT747GX HF transceiver with
> an intermittent/erratic problem. Periodically, while
> transmitting, the RF meter pegs at maximum but the output
> of the transmitter on a RF wattmeter drops to near zero.
> It seems like the transmitter is putting out wideband garbage.
> I removed the excitation/drive from the final RF amp assembly
> and the symptoms continued. It seems like the RF amp is
> taking off due to a parasitic oscillation.

I have heard of several cases of FT747 transmit problems. It is a design fault in the PA module. Fixed in later versions. It is probably best to junk the PA it as the replacement is very pricy. I don't have the details on fixing it but I know tracing it is very difficult unless you have come across it before. It seems to be fixed, then starts up again. You can use the lower level to drive a different PA or transverter.

570. Re: Its OK to order pizza on 2m autopatch

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: Steven_Sampson@msn.com
Message-ID: <00001fef+0000495f@msn.com>
Source record: 219321

The problem with Ham radio, is that most Hams today spend 90% of their time reading the rules, and playing lawyer. Even 10 years ago these assholes were run off the bands. What's left isn't Ham radio, it's Part 97 of the Federal Government. It isn't radio, it's law.

If you and your wife want to order a fucking pizza, or talk about the stock market, or anything, the answer is to feel free, and to tell these pimps to fuck-off and get a real life. Any real Ham wouldn't be on 2m FM anyway, that's the pimp band. Even more so, with Packet (digital pimps).

All the magazines went out of business due to their technical orientation. I think anyone could make a killing by offering a magazine that is oriented to pretend lawyers, and other rule readers in Part 97 operations (the old Ham radio).

571. Re: Paging? CTCSS?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: Curtis Wheeler <cwheeler@ccnet.com>
Message-ID: <4uagrt$s17@gaudi.lahabra.chevron.com>
Source record: 219322

CSLE87@email.mot.com (Karl Beckman) wrote:

["Clint's reply" and the stuff before it snipped]

>There are two errors in Clint's reply above:
>First, Paging is NOT APPROVED on either 27 MHz CB or 462/467 MHz GMRS
>frequencies. Second, CTCSS is quite legal on both CB and GMRS.

You're half right, Karl. Or half wrong. Depending on how you look at it. One way voice paging and selective calling IS PERMITTED on CB and GMRS.

See 95.21(a)(4), 95.27, 95.181(h) for references to paging in the GMRS, and 95.401, 95.413(a)(4) for CB.

>Now, why not use the new FAMILY RADIO SERVICE? These units are low power
>UHF simplex, operating BETWEEN the present high power GMRS channels.
>Radios from several manufacturers should be arriving in stores in a few
>more weeks.

I believe the capabilities of the FRS would provide what the original poster was looking for. To me it looked like a text book application for GMRS. Though it sounds like he may be trying to get his whole family tested and licensed as amateurs - which is OK too.

572. GMRS doesn't cut the mustard.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: Rick Miller <rick@DigalogSys.com>
Message-ID: <Pine.LNX.3.91.960807131458.17429C-100000@net.digalogsys.com>
Source record: 219323

On 7 Aug 1996, Curtis Wheeler wrote:
[...]
> I believe the capabilities of the FRS would provide what the original
> poster was looking for. To me it looked like a text book application for
> GMRS. Though it sounds like he may be trying to get his whole family
> tested and licensed as amateurs - which is OK too.

Hi! I'm "the original poster"...

GMRS would have been nice, but the local terrain and available repeaters don't have the coverage I need. Unless I'm standing on a hill-top, an HT probably wouldn't even open up the repeater from more than a mile away, and that's not counting the terrain. We're in morraine country, lots of kettle-shaped valleys with ridges between.

I've heard though that one of the area repeaters has some pretty snazzy features (autopatch and voice-mail even, I think) which might be a tolerable way to keep in touch with the family. In another four or five years, my son will probably be ready for a ticket. Until then, they'll just have to suffer like all the other unlicensed slobs. ;-)

By the way, I was *amazed* at the *costs* associated with GMRS! All the local repeater groups expect at *least* $50/year for one-city coverage with no autopatch. The SEWFARS amateur repeater has autopatch and covers all of SouthEastern Wisconsin for only $15/year! Heck, they even have satellite receiving stations in the more distant areas I frequent.

Rick Miller (kb9obn) <rdmiller@execpc.com> http://www.execpc.com/~rdmiller

573. Re: Code above 11wpm

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: ny1t@ix.netcom.com
Message-ID: <4uak5n$9vq@dfw-ixnews10.ix.netcom.com>
Source record: 219324

In <1996Aug4.140747.9762@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>
>In article <4tmm5e$c2m@lehi.kuentos.guam.net> pacrimgolf@kuentos.guam.net writes:
>>scott9@usa.pipeline.com(Scott) wrote:
>>
>>>I just got my Novice licence and am going for the Tech + on August 3rd. I
>>>was planning on taking the General Class 13wpm code test the same day and
>>>the theory the next month, but it seems that i've been practicing my code
>>>for weeks and I just can't seem to get above 11wpm.
>>>
>>>Any tips?
>>
>>Yep. Stop listening to the jammers on 2 meters and start listening to the CW
>>stations on HF. Better yet, start TALKING to the CW stations on HF.
>
>That would probably annoy them, as well as likely being illegal.

It took me a while to figure that one hih

I recorded w1aw 35wpm down to 20wpm. then just practiced picking out whatever letters I could. It helped my speed.
also get on the hf cw. (not talking) using the code and becoming familiar with the qso's will help get that speed up.

574. Re: Its OK to order pizza on 2m autopatch

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: "Anthony R. Gold" <tgold@tgold.dialup.access.net>
Message-ID: <839423348snz@tgold.dialup.access.net>
Source record: 219325

In article <00001fef+0000495f@msn.com>
Steven_Sampson@msn.com "Steven Sampson" writes:

> If you and your wife want to order a fucking pizza, or talk about
> the stock market, or anything, the answer is to feel free, and to
> tell these pimps to fuck-off and get a real life. Any real Ham
> wouldn't be on 2m FM anyway, that's the pimp band. Even more so,
> with Packet (digital pimps).

So, which band should a Real Ham use for ordering a [copulating]
pizza? Domino promises 30 minute delivery. Will it still be
performing when it arrives?

Maybe Real (non-pimp) Hams only order quiche, which in my experience
is usually celibate.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

575. Re: how can I broadcast on FM radio?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: mcolvin@calweb.com
Message-ID: <4uaoqn$jjo@news.calweb.com>
Source record: 219326
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,rec.radio.amateur.misc

Become a DJ?

576. Re: A CQ Magazine BEEF or HAM!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: Bob Sull <wa8imo@kellnet.com>
Message-ID: <320950C1.B92@kellnet.com>
Source record: 219327

Frank Sved wrote:
>
> Two beefs with CQ:
>
> 1. There are only middle aged white men on the cover as someone
> else pointed out. Don't get CQ, never noticed. Maybe middle aged men are young
to the editors.....
> 2. Product reviews are usually advertisers. Coincidence?
> No big surprise here. This is the same in photography. In the photo arena, it seems that
the more $$$$$$$$$ the better
the review. Coincidence? Inquiring minds want to know!

> --
> 73s Frank Sved, VE3GID

--
<> Bob Sull WA8IMO <>
"73, CUL, es keep the FUN in Ham radio."
>Life Member-ARRL QCWA< >Member-NODXA NCDXF< >DXCC WAS RCC < >8P9BC<
>QSL Mgr for 8P6JG<
>WA8IMO@NO8M.#NEOH.OH.USA<
>WA8IMO@KELLNET.COM<

577. Re: ANYONE KNOW ARKANSAS FM RPT FREQ'S?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: carrl@emh1.gordon.army.mil
Message-ID: <9608071300.AA02764@WS169067>
Source record: 219328

>>Does anyone know where the state listing of Arkansas FM Repeaters

Go to URL: http://home.earthlink.net/~artsci/repmain.html

578. Re: Ham guts

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3208E2E3.595F@ccsnet.com>
Source record: 219329

Frank Sved wrote:
fell asleep again Blurt. I want to hear the ending.

The point of you low class PERSONAL insults?

#================#===#| Burt Fisher |
Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | Mr. Happy should not be happy all the time. |
#================#===#| k1oik@ccsnet.com
kotzebue@juno.com fisher@meol.mass.edu |
#===#

579. Re: NEW NEWS GROUP

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: Bob Sull <wa8imo@kellnet.com>
Message-ID: <320952EC.73D2@kellnet.com>
Source record: 219330

Richard Lubash wrote:
>
> This morning when I checked this group over 15% of the traffic was
> related to *Burt*. Now I don't have any personal gripes against Mr.
> Fisher but considering that this is a *RADIO* news group wouldn't it be
> more appropriate to form a new USENET group called Rec.Get Baited
> By.Burt
>
> --
>
> Richard Lubash
> N1VXW
> email rlubash@poco.mv.com

Between burt and his ability to get attention and the f*** you so and so
I figure that this newsgroup isn't worth it any more.

I use the f*** in many of its possible ways and I'm no prude, but I get
weary of seeing it and the many responses posted. We don't use it on the
air why here?

burt would probably dry up and blow away like dogshit in the wind if he
didn't get the attention he gets.--

<> Bob Sull WA8IMO <>
"73, CUL, es keep the FUN in Ham radio."
>Life Member-ARRL QCWA< >Member-NODXA NCDXF< >DXCC WAS RCC < >8P9BC<
>QSL Mgr for 8P6JG<
>WA8IMO@NO8M.#NEOH.OH.USA<
>WA8IMO@KELLNET.COM<

580. Re: Usenet problem

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: brown@auburn.campus.mci.net
Message-ID: <4uaq5q$inh@news.campus.mci.net>
Source record: 219331

adamkern <adamkern@tiac.net> wrote:

>I'm having trouble with this newsgroup all of a sudden. I'm using
>Netscape for my browser, and all of a sudden, whenever I say "catch up
>all articles," it won't do it.
>adamkern@tiac.net

Hi, Adam,

One solution might be to use a different newsreader. You can download
a free copy of Free Agent from the Forte website at www.forteinc.com
I think you will find it a much more friendly and versatile
newsreader.
73

==========
Phil Brown brown@auburn.campus.mci.net
Amateur Radio N4COD
Video Producer/Instructor
www.tigerweb.com

581. Re: Burts wife was insulted

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3208E37F.2E4D@ccsnet.com>
Source record: 219332
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

John R. Cunliffe wrote:
>
> Well, I sah a mint ETO Alpha 78 legal limit amp for $$ 1200 at the
> last hamfest

A steal.

> >Cushcraft A3 Beam $300
> I paid $$ 100 for mine

In what condition?

You really said little else against my prices.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#================#===#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#===#

582. Re: BEWARE OF JON VAN ALLEN, KF7YN, IN SALT LAKE CITY

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: clarke@aztec.asu.edu
Message-ID: <4uab5e$j94@news.asu.edu>
Source record: 219333

```
----- snip -----
Keep telling people about him until you get your $$$! No one needs
garbage like him.
--
73s Frank Sved, VE3GID
----- snip -----

He has responded (see previous postings) and has mailed me a check.
When it gets here, we'll let everyone know.

Stand by!

Jack VE3EED/W7
--
```

583. Re: Yaesu Ft747GX problem

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: dslosty@usa.pipeline.com
Message-ID: <4uas7n$mer@news1.t1.usa.pipeline.com>
Source record: 219334

On Aug 07, 1996 17:04:25 in article <Re: Yaesu Ft747GX problem>, 'Mike Willis <mjw@rcru.rl.ac.uk>' wrote:

>D/S/Losty wrote:
>>
>> Hi,
>>
>> I've got a Yaesu FT747GX HF transceiver with
>> an intermittent/erratic problem. Periodically, while
>> transmitting, the RF meter pegs at maximum but the output
>> of the transmitter on a RF wattmeter drops to near zero.
>> It seems like the transmitter is putting out wideband garbage.
>> I removed the excitation/drive from the final RF amp assembly
>> and the symptoms continued. It seems like the RF amp is
>> taking off due to a parasitic oscillation.
>
>I have heard of several cases of FT747 transmit problems. It is a design
>fault in the PA module. Fixed in later versions. It is probably best to
>junk the PA it as the replacement is very pricy. I don't have the
>details on fixing it but I know tracing it is very difficult unless you
>have come across it before. It seems to be fixed, then starts up again.
>You can use the lower level to drive a different PA or transverter.

Thanks for the info.
I've recently talked with Yaesu about it - they've already suggested
one modification, but I fear my unit may already have it.
I'll just keep digging!

73,
Doug/WA1TUT

584. Re: "GMRS Personal Radio?" What is that?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: Curtis Wheeler <cwheeler@ccnet.com>
Message-ID: <4uata6$319@gaudi.lahabra.chevron.com>
Source record: 219335

clint.bradford@atdbbs.com (Clint Bradford) wrote:

>Just two of the MANY problems that we, licensed, BUSINESS operators see
>in the new FRS - plus the fact that for the first time in history, the
>FCC is forcing licensed, business operators to SHARE a band with
>unlicensed, CB-mentality folks. With absolutely NO recourse for
>intentional interference.

The FCC has actually taken care of that problem - in a way. They stopped issuing GMRS licenses to businesses. If you were on a more appropriate service you wouldn't have to worry about any "CBers".

IMHO, a bigger mistake than creating the FRS was the FCC allowing businesses to crowd in to GMRS.

585. Mini-DXpedition - The ROCK

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: Ken Harrison <ken@cs.sonoma.edu>
Message-ID: <Pine.GSO.3.94.960807121325.19206B-100000@zippy>
Source record: 219336

The Sonoma County Radio Amateurs will be conducting a mini-DXpedition to Alcatraz Island in the San Francisco Bay on August 25th. It will be a one day event and we plan on working 40/20/15 meters SSB and/or CW and 2 meters FM and SSB and/or CW and possibly 70 cm. SSB and/or CW.

The club callsing of W6LFJ will be used. Actual frequencies we are planning to run are (+/-):

40m 7.120 MHz CW
20m 14.075 MHz CW
15m 21.140 MHz CW
6m (?) CW(?)
2m Std. call CW
70cm Std. call CW

40m 7.265 MHz SSB
20m 14.270 MHz SSB
15m 21.400 MHz SSB
6m (?) SSB(?)
2m Std. call SSB
70cm Std. call SSB

2m 146.520 MHz FM Simplex

We will be offering a special QSL commemorating the event. We want to contact YOU! Spread the word!

To find out more you can contact Larry Gustafson, KD6VUM at kd6vum@sonic.net or you can head your browser to:

http://www.cs.sonoma.edu/~ken/scra.html

and click on the Mini-DXpedition announcement.

73,
Ken

Ken Harrison --- ken@cs.sonoma.edu --- Amateur Radio: N6MHG
~~~~~~
| Visit the Sonoma County Radio Amateurs Web Page. |
| Home of Hank's Swap Shop! |
| |
| http://www.cs.sonoma.edu/~ken/scra.html |

~~~~~~

586. ALBUQUERQUE, NM Hamfest - August 17-18

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: n5zgt@swcp.com
Message-ID: <4uar6j$5n9@sloth.swcp.com>
Source record: 219337
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

Well, it is that time again! It is Hamfest Season, and it is time
for he annual Duke City Hamfest! Here is all the information:

WHEN: Saturday, August 17th - Sunday, August 18th
TIMES: 8:00 AM-5:00 PM (Saturday), 8:00 AM-2:00 PM (Sunday)
WHERE: National Guard Armory, 601 Wyoming NE, Albuquerque, NM

* * FEATURES * *

* VE Testing (Saturday at 1:00 PM) * Outdoor Tailgate Swapfest
* Hourly Door Prizes * Grand Prize Drawings
* Search & Rescue Forum * Contests
* On-Site T-Hunt * ARRL Forum
* MARS Forum * AMSAT Forum
* RV Parking (Sorry, no hook-ups)
* PACKET FORUM - Information, plus the start of NM's Packet Users
Group!!!

TALK-IN FREQUENCY: 147.15 (+ No PL) Repeater

* * PRIZES * *

Grand Prize: Yaesu FT-840 HF Rig with power supply
Second Prize: Alinco DR-150 2 meter mobile
Third Prize: Alinco 2 meter HT

* * PRICES * *

Tables without Power: $10.00 each
Tables WITH Power: $15.00 each
RV Parking: $10.00 per Night
Raffle Tickets: $2 each, 3 for $5

See everybody there!!

Best of 73,
Brian, N5ZGT

Boy Scouts of America Amateur Radio - N5ZGT
JASM -Troop 41 ARRL QRP: NorCal# 1700 QRP-L# 580
Albuquerque, N.M. Packet: N5ZGT @ KC5IZT.ALBQ.NM.USA.NA
O.A. Lodge 66 <-W-W-W-<< Internet: n5zgt@swcp.com
---

587. Arizonan Climbing Humphreys?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: paulc@fc.hp.com
Message-ID: <4ub3dp$1q6@fcnews.fc.hp.com>
Source record: 219338

What did he say? The annual Colorado 14'er radio event is coming up on Sunday, August 25th. Briefly, people try to climb various of the 54 14K foot peaks in Colorado and talk to each other on VHF/UHF radio. It's fun, but it's become obvious that one can talk from virtually any peak in the state to any other peak (only a few of the more interesting combinations have not yet been tried) without much trouble at all. So, I'm hoping someone in Arizona might be interested in climbing Humphrey's Peak (12667 ft. or thereabouts) near Flagstaff that Sunday. I'll be on Sunlight Peak in SW Colorado. It's about 265 miles "straight line" distance between the peaks. Certainly no world record distance or anything, but we just use HT's and halfwave (Hot Rod, or equivalent) antennas, generally. I may haul a 4 element beam up there for the heck of it.

I believe we'll be on 146.46. Let me know if you're interested and I can email more info and we can coordinate. We'll probably be on the top at 9am and, weather permitting (which it usually doesn't) hang around for a few hours...

-Paul C. KG0CZ

588. Re: Burts wife was insulted

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: cunliffe@frontiernet.net
Message-ID: <4ub1gr$1ire@cheatum.frontiernet.net>
Source record: 219339
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Burt Fisher <k1oik@ccsnet.com> wrote:

>John R. Cunliffe wrote:
>>
>> Well, I sah a mint ETO Alpha 78 legal limit amp for $$ 1200 at the
>> last hamfest

>A steal.

>> >Cushcraft A3 Beam $300
>> I paid $$ 100 for mine

>In what condition?

In mint condition it was installed 1 year.
The ham got tired of the hobby and sold the station. He wanted to
build a observatory.
>

>You really said little else against my prices.

The rest IS very reasonable (I realy should get a spellchecker for
free Agent ;-)

John
==========
John R. Cunliffe N2NEP
cunliffe@frontiernet.net
http://www.frontiernet.net/~cunliffe

589. Re: Info-Hams Digest V96 #890

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: bartsch@omnifest.uwm.EDU
Message-ID: <9608071748.AA01720@omnifest.uwm.edu>
Source record: 219340

I have never seen such profanity in info-hams. Some people need to get a life
I guess.

590. Re: FS: All Ham Bands, Reply to Republican Congress

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: bry1@erols.com
Message-ID: <4ub16a$pmq@test-sun.erols.com>
Source record: 219341
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.amateur.policy

T E I X E I R A <teixeira@ccnet.com> scribbled:

#>I just opened the mail and the ARRL is trying to build up its
#>membership to fight the Conservative Republican Congress.
#>Old Bob Dole and his cronies are trying to raise money to cover their
#>cut backs. Guess what's for sale..... But I guess that's the American
#>way. d8-/ 2 meters and 70cm are at the top of the list.....

Hilarious! You REALLY believe that this is a matter of partisan politics?

It is really "politics as usual" regardless of what so-called "party" they
belong to. The two party system is largely a disatrction from the real issue!

That is that big business is FIRNLY in control of our so-called democracy!

591. Re: GTOR: Any Activity ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: alandp@flash.net
Message-ID: <4ua7jn$kf8@excelsior.flash.net>
Source record: 219342
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc

In article <32063d0c.14487512@news.erols.com>, rhiii@pop.erols.com says...
>
>Very seldom hear any GTOR activity. Have de facto calling frequencies
>been established ? Are there any dedicated GTOR bbs out there ?
>
>Maybe a better question is: Did GTOR die an early death due to lack of
>interest ?

>
>-- de Richard/N2JR
I don't know about any dedicated g-tor bbs's, but there's
sort of a calling freq on 14.068.

73, Alan KJ5ZD
--
http://www.flash.net/~alandp/

592. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: billsohl@planet.net
Message-ID: <4u90ad$lcq@jupiter.planet.net>
Source record: 219343
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

OK, so where can we find a copy of these rules
on the internet?

>In article vbook@vbook.com (Ed Mitchell) writes:
>:>The FCC has issued new rules regarding the evaluation of RF Emissions and
>:>health effects from all transmitters. As always, the devil is in the details
>:>and the details say that if you transmit over 50 watts, you may have
>:>to perform an RF emissions environmental assessment of your Amateur station.

Bill Sohl K2UNK
ARRL Local Gov't Liaison, Mt. Olive Township, NJ

593. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: billsohl@planet.net
Message-ID: <4u90nd$ldg@jupiter.planet.net>
Source record: 219344
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

gfiber@halcyon.com (Gary Fiber) wrote:

>vbook@vbook.com (Ed Mitchell) wrote:
>>The FCC has issued new rules regarding the evaluation of RF Emissions and
>>health effects from all transmitters.
>>You can read the complete text of the relevent FCC ruling in FCC 96-396 at
>>Ham Radio Online magazine, available on the Internet at:
>> http://206.13.40.11/
>>(we had to move to a new server and are waiting for InterNIC to move our
>>www.hamradio-online.com domain name to the new server)

>This could get real interesting. ....
> Also I wonder what the FCC intends to do with all the land mobile equipment
>as most all is 100 watts. The article implies a mobile station operating over
>50 watts could also not be in compliance with the guidelines..
>Gary

Yep, all the police cars in my town run 100 watts at 39 MHz.
Should be interesting as said...

Bill Sohl K2UNK
ARRL Local Gov't Liaison, Mt. Olive Township, NJ

594. Re: Arizonan Climbing Humphreys?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: paulc@fc.hp.com
Message-ID: <4ub75d$4ag@fcnews.fc.hp.com>
Source record: 219345

A P.S. to the previous note: Anyone else in the general vicinity of SW Colorado, such as in New Mexico or Utah, interested in trying for mountain top contacts, let me know. A couple of years ago someone did contact a Sandia Peak (Albuquerque) station from another peak in the area...

-Paul C. KG0CZ

595. Re: Arizonan Climbing Humphreys?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: Linda Stocks <linda@wheel.dcn.davis.ca.us>
Message-ID: <Pine.SUN.3.90.960807152010.18061B-100000@wheel.dcn.davis.ca.us>
Source record: 219346

This posting reminded me of the time my son climbed Mount San Gorgonio (just northeast of Palm Springs CA). San Gorgonio is the highest mountain in Southern California...and he was able to hit most of the repeaters in So. Cal as well as some in Nevada, Arizona and Mexico. He speaks fluent Spanish and the Mexicans were amazed when he gave his location as a mountain north of Palm Springs.

On 7 Aug 1996, Paul Christofanelli wrote:

> What did he say? The annual Colorado 14'er radio event is coming up on
> Sunday, August 25th. Briefly, people try to climb various of the 54 14K
> foot peaks in Colorado and talk to each other on VHF/UHF radio. It's
> fun, but it's become obvious that one can talk from virtually any peak
> in the state to any other peak (only a few of the more interesting
> combinations have not yet been tried) without much trouble at all. So,
> I'm hoping someone in Arizona might be interested in climbing Humphrey's
> Peak (12667 ft. or thereabouts) near Flagstaff that Sunday. I'll be on
> Sunlight Peak in SW Colorado. It's about 265 miles "straight line"
> distance between the peaks. Certainly no world record distance or
> anything, but we just use HT's and halfwave (Hot Rod, or equivalent)
> antennas, generally. I may haul a 4 element beam up there for the
> heck of it.
>
> I believe we'll be on 146.46. Let me know if you're interested and
> I can email more info and we can coordinate. We'll probably be
> on the top at 9am and, weather permitting (which it usually doesn't)
> hang around for a few hours...
>
> -Paul C. KG0CZ
>
>

Linda Stocks	My opinions are my own, but I
AA6MR	tend to give them away to anyone
	who fails to flee fast enough.
---

596. IPS Daily Report - 07 August 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <4ub8lj$inc@flare.syd.ips.oz.au>
Source record: 219347
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 07/2330Z AUGUST 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 07 AUGUST AND FORECAST FOR 08 AUGUST - 10 AUGUST

1A. SOLAR SUMMARY
Activity: Low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 72/8

GOES satellite data for 06 Aug
Daily Proton Fluence >1 MeV: 4.5E+05
Daily Proton Fluence >10 MeV: 1.8E+04
Daily Electron Fluence >2 MeV: 3.9E+07 (normal)
X-ray background: A5.6
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
08 Aug 09 Aug 10 Aug
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 08 Aug: 70/5

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Quiet to unsettled

Estimated Indices : A K Observed A Index 06 Aug
Learmonth 10 2232 2332
Fredericksburg 7 8
Planetary 7 9

Observed Kp for 06 Aug: 1111 3332

2B. MAGNETIC FORECAST
Date Ap Conditions
08 Aug 8 Quiet to unsettled
09 Aug 8 Quiet to unsettled
10 Aug 8 Unsettled

-----------8---
3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band

Date Low Middle High
07 Aug Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
08 Aug Normal Normal Normal
09 Aug Normal Normal Normal
10 Aug Normal Normal Normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
07 Aug 8

Observed Australian Regional MUFs:
Darwin: Near predicted monthly values, with blanketing
sporadic E observed during local night.
Townsville: Near predicted monthly values.
Sydney: Up to 30% enhanced for the period 1300-2000UT,otherwise
near predicted monthly values.
Hobart: Near predicted monthly values, with spread F observed
for the period 1100-1400UT.

Predicted Monthly T index for August: 10

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
08 Aug 10 near predicted monthly values
09 Aug 10 near predicted monthly values
10 Aug 5 near predicted monthly values

--
IPS Radio and Space Services | email: rwc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/rwc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/rwc/
tel: +61 2 94148300 | fax: +61 2 94148331

597. Re: Radio Shack HTX-212 modification

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4uaiqi$l6t@freenet-news.carleton.ca>
Source record: 219348

----- Cut ----->
> This thread is full of references to key presses in the manual. My manual has
> a heading about extending the transmit range with no instructions afterword.
> It is followed by a table showing factory settings and a warning box about
> performing the MARS/CAP modification. No magic key presses, though.
> There's only a short explanation on how to reset the radio by holding down
> the F and T-SQL buttons while turing on the radio. Does anyone know the secret
> key sequence? I'm actually more interested in storing out-of-band frequencies
> in memory rather than the transmit mod.. The only hope I see is if there is a
> software work-around through key sequences or something. Seems silly to me why
> such a limitation exists if the hardware is already designed for wide receive.
>
>
> Roger
> N9SXZ
>

Here it is:
HTX-212 Manual page 19

To expand the transmit frequency coverage, hold down the F+DTMF
while you turn on the HTX-212. The new frequency ranges are:

Memory mode: Xmit 143.000 - 149.000 Mhz
Recv 143.000 - 149.000 Mhz

Note: To return to the default frequency ranges, you must
reset the transceiver. Page 18

--
73s Frank Sved, VE3GID

598. Re: MSYS

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: mike_j@ix.netcom.com
Message-ID: <4uba5v$6m5@dfw-ixnews4.ix.netcom.com>
Source record: 219349

In <3202DBED.287D@apk.net> Steve Wolf <no8m@apk.net> writes:
>
>> >Say, does anyone out there know when MSYS for windows might be
coming
>> >out. Version 1.19 is stable but a Windows version might be able to
>> >do alot more. So, if you know, post something for all of us to
read.
>
>Hi ...
>
> The MSYS Windows rewrite would be a major project. Rather than
>just rewriting MSYS for Windows ... and I would bet it would be for
>Win95 ... it would require a tremendous amount of restructuring.
>
> In the end you would have ... MSYS. Same stuff, really. Text
>message forwarded here and there. The only real advantage would be
>that it would interface nicely were you to want to run an Excel
>spreadsheet. What advantage is that when it runs fine on a really
>cheap 386/40? Why not have a computer dedicated to MSYS and play
>Quake on your Cyrix next to it?
>
> What we would loose is the ability to run it on a Hewlett
>Packard HP100LX palmtop that fits easily in your shirt pocket.
>We would also loose the ability to take it on the road on our older
>8088 laptops.
>
>--
>73,
>Steve
> Internet: no8m@apk.net
> Amateur Radio: no8m@no8m.#neoh.oh.usa.na
> MSYS Mail List: msys-request@hamnet.org ('info' for title)

Hi All, this WA6MBZ following up,

In the 1.18 and 1.19 documentation the Msys author talks about working
on a Windows 95 version of Msys, saying that it was in the planning
stages and not to expect much more from the DOS version of Msys because
there is not enough room to provide further major enhancements.

I am afraid Packet radio will be stuck in the text mode not because of
the BBS software, either in DOS or in Windows 95, but because the
bandwidth of packet barely carries text traffic, as it is, at 1200 or
9600 baud.

It has been quite a while now and I have not heard about any new
developments and thought I would ask around.

73 de "Jug", WA6MBZ ...-.- . .

--

****
Name: Michael P. ("Jug") Jogoleff
Call: WA6MBZ
AX.25: WA6MBZ@K6TZ.#SOCA.CA.USA.NOAM
Phone: 805-966-4808, Message or FAX

Snail Mail: 1324 Panchita Place, Santa Barbara, CA 93103-2223
Grid Square: DM04DK
Position: 34.431415 Deg. North Latitude
-119.698060 Deg. West Longitude

E-Mail: mike_j@ix.netcom.com
103225.3614@compuserve.com
mike.j@worldnet.att.net

Monitor
Frequently: 52.920 MHz. -, 145.050 MHz. S, 146.790 MHz. -
223.920 MHz. -, 224.080 MHz. -, 224.120 MHz. -
446.400 MHz. -, 1284.050 MHz. -, 1286.200 MHz. -

Check in
Frequently: 223.920 MHz. Daily at 21:00 PLT.
3856.000 KHz. Daily at 20:00 PLT, LSB.

end
****

599. Re: Burts wife was insulted

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: ylshih@alumnae.caltech.edu
Message-ID: <4ub5el$q0b@gap.cco.caltech.edu>
Source record: 219350
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <32071401.621@juno.com>, Burt Fisher <kotzebue@juno.com> wrote:
>
>Did I put down an individual wife or make a general comment?

Let's follow this chain of statements.

A) You say all ham wives are fat and ugly. B) My wife is a ham wife. C) You must be saying my wife is fat and ugly. According to my understanding of logic, you just insulted my wife with your so-called "general comment".

In fact, it's even worse than that since my wife and daughter are also hams. Therefore, all your "general comments" on hams logically apply to them also.

The fact that you are wrong, and we may even find it amusing, doesn't change the fact that you insulted them. If you intend to be rude, at least have the guts to acknowledge it rather than hiding behind the excuse, "well, I didn't name (him, her, you) so it wasn't really an insult".

>You want to buy, I am ready to sell.

I have all the equipment I need or want right now; but I've never seen any local ham have any trouble selling his/her equipment at swap meets or club meetings as long as it was fairly priced. Of course that requires contact with other hams.

Yin Shih, KO6VY, PP-ASEL-IA
ylshih@alumni.caltech.edu

600. Re: Its OK to order pizza on 2m autopatch

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4ua9p9$hqb@freenet-news.carleton.ca>
Source record: 219351

Steven Sampson (Steven_Sampson@msn.com) writes:
> The problem with Ham radio, is that most Hams today spend 90% of
> their time reading the rules, and playing lawyer. Even 10 years
> ago these assholes were run off the bands. What's left isn't Ham
> radio, it's Part 97 of the Federal Government. It isn't radio, it's
> law.
>
> If you and your wife want to order a fucking pizza, or talk about
> the stock market, or anything, the answer is to feel free, and to
> tell these pimps to fuck-off and get a real life. Any real Ham
> wouldn't be on 2m FM anyway, that's the pimp band. Even more so,
> with Packet (digital pimps).
>
> All the magazines went out of business due to their technical
> orientation. I think anyone could make a killing by offering a
> magazine that is oriented to pretend lawyers, and other rule
> readers in Part 97 operations (the old Ham radio).

why are you giving pimps a bad name? And seriously, did you think you'd
make a point by this kind of criticism?
--
73s Frank Sved, VE3GID

601. Walt Maxwell Reflections Book wanted

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: kg7fu@combined.com
Message-ID: <4uak43$plh@wave.rio.com>
Source record: 219352

WANTED:

Copy in good condition of Walt Maxwell's book Reflections. I will purchase, state price or trade for pristine
copy of Lawson's Yagi Antenna Design book.

I am also looking for a photocopy of the original english version of Yagi/Uda's 1938(?) Yagi antenna mathematics.

Reply to:

James S. Kaplan KG7FU
kg7fu@combined.com

602. Re: German Ham Radio 716 334 9779

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: cunliffe@frontiernet.net
Message-ID: <4u8s7b$1150@cheatum.frontiernet.net>
Source record: 219380

Burt Fisher <k1oik@ccsnet.com> wrote:

>With all the German family and friends you have I can understand why you
>are upset at me.

Well, see Burt, here is where youre wrong. I am not upset at you. I
can not be upset at someone that I don't know beseites the fact that
he acts like a jerk on the internet. I do not have any Idea what
caused you to be that way nor do I want to know either.
So no Burt, A hobby is not that important.

John

==========
John R. Cunliffe N2NEP
cunliffe@frontiernet.net
http://www.frontiernet.net/~cunliffe

603. Re: Burts wife was insulted

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: cunliffe@frontiernet.net
Message-ID: <4u8sc7$1150@cheatum.frontiernet.net>
Source record: 219381
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Burt Fisher <k1oik@ccsnet.com> wrote:

>This is a multi-part message in MIME format.

>--------------2BC8442F4DFF
>Content-Type: text/plain; charset=us-ascii
>Content-Transfer-Encoding: 7bit

>John R. Cunliffe wrote:
>>
>> Well Burt, maybe if you put a realistic price on this equiptment
>> somebody would by it. You should go to one of the hamfest and get
>> informed about the real value of your equiptment and then try it
>> again.

>What prices need to be corrected?

>--------------2BC8442F4DFF
>Content-Type: text/plain; charset=us-ascii; name="Sale"
>Content-Transfer-Encoding: 7bit
>Content-Disposition: inline; filename="Sale"

> C O M P L E T E S T A T I O N

>I am selling my entire station as one package. See it, test it, buy it.

>Icom 751 with CW filters, RC-10 keypad $800

>Icom 2KL Solid state 5OO watt amplifier $1300

Well, I sah a mint ETO Alpha 78 legal limit amp for $$ 1200 at the
last hamfest

>Icom AT-500 automatic tuner $350

>Cushcraft A3 Beam $300
I paid $$ 100 for mine

>Alliance Ham rotor $100

>40 foot crank up tower $300

>$3000 cash and I do mean cash. It all works and it is all connected.

John
==========
John R. Cunliffe N2NEP
cunliffe@frontiernet.net

http://www.frontiernet.net/~cunliffe

604. FCC Ruling Prohibits Unreasonable Restrictions on TV Antennas

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: vbook@vbook.com
Message-ID: <4u8u23$c39@news.accessone.com>
Source record: 219382
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwaverec.radio.amateur.misc

***** Breaking News Story *****
FCC Ruling Prohibits Unreasonable Restrictions on TV Antennas
by Ham Radio Online, 7 August 1996

In a major ruling, the FCC declared void local laws prohibiting
or restricting the use of small wireless dish antennas.
More significantly, the FCC declared that use of small dish
antennas and television receiving antennas can not be restricted
by "any private covenant, homeowners' association rule or similar
restriction on property within the exclusive use or control of
the antenna user". Under the federal pre-emption, all homeowners
must be allowed to install TV antennas. Longer term this ruling may
have important ramifications for eliminating restrictions on Amateur
Radio antennas.

The complete story is available at Ham Radio Online at:
http://206.13.40.11/
(we are waiting for InterNIC to get our domain name pointed at our new
server).

Ed (KF7VY) and Kim (N7VPL) Mitchell
email to vbook@vbook.com
Visit Ham Radio Online, it's free! at
http://www.hamradio-online.com

605. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: firewevr@insync.net
Message-ID: <4u93ab$kl7@synthemesc.insync.net>
Source record: 219383
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

n7ory@primenet.com wrote:

>>|gfiber@halcyon.com (Gary Fiber) wrote:

>>|It won't be long before our stools must be tested to comply with EPA
>>|emissions standards. Why don't they just skip right to the end
>>|result, and declare everything to cause cancer. Then we can sue
>>|everyone for being a contibutor to our demise. Problem with that is,
>>|there would probably be an environmental fee attached to whatever you
>>|are awarded, so the government and enviro-weirdos can sleep easier at
>>|night knowing you can't spend it on waste-producing polutants.

>>|New Surgeon Generals warning label:

>>|"The Surgeon General has determined that prolonged brain usage may
>>|cause cancer, premature aging and death. Try not to think, live
>>|longer."

>>|Rob Neff (N7ORY)

More to the point, the leading cause of death in this country is being
born. ;-) Get used to it.

Erikc

Religious fundamentalists are a plague sent by God to
punish us for our joys. -- me

606. Re: **** You Jim You Low Life

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: sglass@pop.erols.com
Message-ID: <4u965m$98o@news8.erols.com>
Source record: 219384
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

dnorris@k7no.com (Ohrstal Fembrock) wrote:

>wjs@en.com (Bill Sheehan) wrote:

>>Ralph R Crapia <rcrapia@earthlink.net> wrote:
>>
>>>Only if you mean it.
>>>
>>don't you mean there should be a colon between **** you and asshole.
>>oops, he meant to post this to another news group.
>>

>Isn't a colon an asshole? Hmmm, I'm cornfuzed.

actually the colon comes before the asshole

607. Re: Fuck You Jim You Low Life

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: sglass@pop.erols.com
Message-ID: <4u968i$98o@news8.erols.com>
Source record: 219385
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

matt@soundwave.com (Matt Brosious) wrote:

>>Ralph R Crapia <rcrapia@earthlink.net> wrote:
>>
>>>Only if you mean it.
>>>
>>don't you mean there should be a colon between fuck you and asshole.
>>oops, he meant to post this to another news group.
>>

>This thread illustrates why self-policing, licensed services such as the
>amateur radio service are superior.

>Matt N2NBT

What world do you live in?!

608. Stolen Icom 706

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: fwhitehurst@ezdial.com
Message-ID: <4u9680$grs@news.cais.com>
Source record: 219386

I'm offering a reward for the return of my stolen Icom 706 , serial # 06041.
David N4ZGT.Tnx

609. Re: Duplex on CB? CB Repeaters?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: ny1t@ix.netcom.com
Message-ID: <4u939d$f23@dfw-ixnews10.ix.netcom.com>
Source record: 219387
Cross-posted to: rec.radio.cb,rec.radio.amateur.misc

the 10 meter repeaters I have seen used for long range, sound terrible

610. New HF net

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: adamkern <adamkern@tiac.net>
Message-ID: <4u96hd$8bm@news-old.tiac.net>
Source record: 219388

Hi All!

Along with KE1BG, I am starting a new HF youth net. This net has been going for a few weeks now, and takes place on 3.970 Mhz every sunday night at 8:30 PM eastern time. This net is most definitely open to all hams!!! If you are around sunday evening, please check in! We are going to start having discussions on hot topics in ham radio. It should be a very interesting and informative net.

This net will be booming out to your QTH from the metro Boston area, Massachusetts. Right now I'm the NCS, so listen for me. Hopefully, Sunday night I will have a bunch of new antennas up for 80m, and a new amp in the near future, so I hope to have checkins from all over.

AGain, all hams are welcome to check in! This is a continuation of a successful local 2m youth net that has drawn a considerable crowd in the area. In the future, although it is as yet unconfirmed, we might be offering the net at different times on other frequencies as well, mainly to take advantage of emerging propagation.

Once more, it's the 75 Meter Youth net, every Sunday night, 8:30 PM atlantic time on 3.970 Mhz LSB.

Hope to see you all there!

73,
Adam Kern
N1TYF
adamkern@tiac.net

611. Re: how can I broadcast on FM radio?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: kproctor@ix.netcom.com
Message-ID: <32081707.89663397@nntp.ix.netcom.com>
Source record: 219389
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,rec.radio.amateur.misc

On Mon, 05 Aug 1996 23:32:49 -0400, robert <nix@gate.net> wrote:

>Could someone point towards info on how to broadcast on FM radio.
>I've heard it called free radio or pirate radio. Does that mean it's
>illegal (how illegal:)? What makes it illegal (in florida)? Where can I
>buy the equipment? What would I need to buy? I just want to transmit 5
>to 10 miles and just music (mostly my own and my friends music so as not
>to violate copyrights or whatever).
>
>--
>_____________________
>robert mailto:nix@gate.net

Ramsey sells a nice little kit that will broacast stereo FM at the legal limit for about 30 to 40 bucks. This won't reach the 5 to 10 mile mark you want, but will cover a block or two if you have good antennas and choose a part of the band that is relitivly unused in your area.

You could add an amplifier, but that would be illegal. There are large fines if someone has been complaining, which the big boys will do.

By "your own music", I assume you mean music that you and your friends have written and performed. Anything else would be a copyright infringement. I doubt you would have much trouble unless you started selling advertising. (Then EVERYBODY would be on your butt!)

If you keep the power at or below the legal limit, you can probably do just about anything you want. The signal won't get far enough to get you in trouble.

Kevin
"Let us all be gentlmen, for as it has been said,Blondes prefer gentlemen."

612. Re: homepage revised

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: chris bloxsom <n2kbk@pop.servtech.com>
Message-ID: <32085B05.64F5@pop.servtech.com>
Source record: 219390
Cross-posted to: rec.ham-radio.swap,alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,fidonet.ham,rec.ham-radio,rec.ham-radio.packet,rec.ham-radio.swap,slac.rec.ham_radio,su.org.ham-radio,swb.lists.linux.hams,rec.radio.swap,tnn.radio.amateur,uwarwick.societies.amateur-radio

Bernie McClenny, WR3E wrote:
>
> Ken Bessler wrote:
> >
> > Dave Booth wrote:
> > >
> > > I just revised my homepage if you want to check it out.
> > > new stuff!
> > > --
> > > Dave Booth
> > > kc6wfs
> >
> > I am always ready to surf....However I do need a URL....:-)
>
> This is my first reply to a news group. What does this have to do with
> DX. I have been reading the rec.radio.amateur.dx stuff for about a week
> now and notice little DX info is reported here. Is this intended to be a
> source for DX? If not let me know so I can stop wasting my time. de
> Bernie, WR3E.

hey bernie ,stop your bitching.

613. Re: NEW NEWS GROUP

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: billn@PEAK.ORG
Message-ID: <4u98pj$gfl@bashir.peak.org>
Source record: 219391

Thomas J. Penton (afn45350@afn.org) wrote:
: On Tue, 6 Aug 1996, Richard Lubash wrote:

: > This morning when I checked this group over 15% of the traffic was
: > related to *Burt*. Now I don't have any personal gripes against Mr.
: > Fisher but considering that this is a *RADIO* news group wouldn't it be
: > more appropriate to form a new USENET group called Rec.Get Bated
: > By.Burt
: >
: That is why burt is in my kill file because of the dumb comments he has
: made.

Unfortunately, it is impossible to put all the people who respond to his
baiting in the kill file as well.

Bill

614. Re: BEWARE OF JON VAN ALLEN, KF7YN, IN SALT LAKE CITY

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: rmckenzi@chezrob.rpmdp.com
Message-ID: <4u8ur7$f35@news2.inet.net>
Source record: 219392

JACK CLARKE (clarke@aztec.asu.edu) wrote:

: The following posting appeared last February.

: To make a long story short, I sent them to him for evaluation with
: the understanding that he would send me a check after he got a
: chance to look at them. That was last April.

: I have sent e-mails requesting my money on May10th, June 11th,
: and July 14th and got no reponse from him.

One thing you can do is send your email's and if you have any shipping receipts to his Internet Provider, and let them know you were burned by a user at their site. It might not solve the problem entirely, but they may take some action against the user in order to save their rep.

It's worth a shot.

Cheers!!!

--

~~~~~~
Robert McKenzie rpm@rpmdp.com
http://www.rpmdp.com Page me: pagerob@rpmdp.com
Lists: majordomo@ml.rpmdp.com Body: lists
~~~~~~

615. Re: CORRECTION - FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: billn@PEAK.ORG
Message-ID: <4u98l6$gfl@bashir.peak.org>
Source record: 219393
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
: OTOH, if your antenna is more than 10 meters above any horizontal
: surface where a person might stand, and you're running no more
: than 1,000 watts ERP (that's your output power minus feedline
: loss and plus antenna gain), you're probably Ok. You'll need to

This is a bit misleading Gary. It should be output power, minus feeline losses, multiplied by the antenna gain. For example, 150 watts out of transmitter, minus 10 watts feedline loss, is 140 watts at the antenna. If the antenna has 10 dB gain, then the ERP would be 140 times 10 or 1400 watts - which is too much.

So much for encouraging better antennas, rather than high power linears. There is now little reason to use an efficient antenna - as the penalty is the same either way. It is much easier to install a linear than a good antenna system.

Of course, you could limit the power under 50 watts, and install a very good antenna. However, I wonder if you would have to have a station that was incapable of greater power output?

I suspect that the new directive is only going to make a bunch of Hams lawbreakers.

Bill

616. HELP: Suitable KWM-2A Q-multiplier?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: "JOSE V. GAVILA" <Fermax.esp@vlc.servicom.es>
Message-ID: <32083A19.3A49@vlc.servicom.es>
Source record: 219394
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

I'm looking for information on a suitable KWM-2A Q-multiplier; I also wonder if the old Heathkit QF-1 would work. Please, any information highly appreciated.

E-mail to: EB5AGV@AMSAT.ORG

Thanks!

73 JOSE - EB5AGV

617. Email address for Clear Channel Inc.?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: chd1589@teche.cacs.usl.edu
Message-ID: <4u90eo$co1@rouge.usl.edu>
Source record: 219395

Does anybody have an email address or an http add. for Clear Channel Inc.?

618. Re: Its OK to order pizza on 2m autopatch

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: vickir@pacific.net.sg
Message-ID: <4u9l09$l32@raffles.technet.sg>
Source record: 219396
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>>HAM is nothing; except tech talk, emergency or the weather or other hee
>>hawing about nothing.

Nothing wrong with that.....hey...order me pizza!
No anchovies!
U earned UR license so use it....and STOP that hee hawing
about nothing! Some them bastards think they own the
freq!...like HEE HAWER below.........

Hey....GARY.....What U hee hawing about now
?????.....
>amateur will participate in more than one.) There are other radio services
>for people like her. CB, GMRS, FRS, and cellphones and pagers were all
>designed for people needing a communications utility, but who have no
>personal interest in the radio arts.
>Gary

Homepage http://home.pacific.net.sg/~vickir/

```
|\/\/\/|
| |
| |
| (o)(o)
C _)
| ,___|
| \
\___\
```

619. Radio/Ham Equip & WTB: 900 Tk HT, Johnson Mobile, Yaesu FT40

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: eplatt@wco.com
Message-ID: <32081743.12000893@news.wco.com>
Source record: 219397
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

Must Sell ASAP: (No reasonable offer refused):
(2) Uniden FPS910TS 900 trunked HT. 9 System, 9 group 'brick' radio (rather large, a tiny bit more than the BC1/200 HT). Comes with 1 brand new batteries, 2 older batteries, 2 rapid chargers (not available anymore, hard to come by!!!) and 2 vinyl holster (no belt loop, just more for shipping/travel. $200/ each, or $375 for all 2. Invested much more into it. 2 currently programmed for TAC use.

(1) Johnson 9 channel 40?? (maybe 60) watt mobile. VHF. Was from Florida Sherriff or police which went to 800. Programmable by computer from Johnson Dealer. Must use external speaker (I can dig one out, standard 3.5mm plug), hand mike, and power cord included. GREAT radio. Scans, PL, everything. $250/bo.

(1)Yaesu FT40, 99 Channel radio. Includes tx/rx mod, tx and receives from 430 -484.This unit is LITERALLY the size of a pack of smokes, maybe a TINY bit deeper, but the same height and width. (Just add an antenna.) Does 99 channels PL _AND_ DPL, Keypad programmable, dual VFO, Dual watch, digital voice (record up to 20 seconds from the radio or by mike and either play back through speaker OR back on the air! Record you call and never say it again! Searches PL & DPL (yep, don't know the PL? Just hit a key, and it tells you! (I Can't find this in the manual, I think it;s a hidden trick.) (PLEASE don't ask how to do it, I was overrun by more questions on how to do it than offers to buy..)Comes with low power battery pack, charger, manual, and box. Barely used. Would prefer Bay Area (California) but will ship. $280/BO.

WTB: Icom U-16, must be in good condition. Make offer, or trade for one of the above??

WTB: Yaesu VX-10.. Make offer, trade for ALL of the above?

All prices plus shipping + COD. I am NOT a company, just a collector of stuff I no longer need. <GRIN>

ALL PRICES NEGOT.! I need to sell, so give me an offer!

eplatt@wco.com, or call me anytime at 415-939-1037.

Evan

==========
Evan Platt - Emergency Services Photographer - First on the scene
Communications Department, IncidentNet Emergency Notifications
eplatt@wco.com / National ID: (Net/3501)

Cellular: 415-939-1037 / Alpha Pager: 415-915-6292 / Fax: 415-856-1803
Standard Disclaimer
http://www.wco.com/~eplatt/incidentnet.html

620. test...

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: mike_j@ix.netcom.com
Message-ID: <4u9ha2$398@dfw-ixnews4.ix.netcom.com>
Source record: 219398

this is a test.
bye
--

****
Name: Michael P. ("Jug") Jogoleff
Call: WA6MBZ
AX.25: WA6MBZ@K6TZ.#SOCA.CA.USA.NOAM
Phone: 805-966-4808, Message or FAX

Snail Mail: 1324 Panchita Place, Santa Barbara, CA 93103-2223
Grid Square: DM04DK
Position: 34.431415 Deg. North Latitude
-119.698060 Deg. West Longitude

E-Mail: mike_j@ix.netcom.com
103225.3614@compuserve.com
mike.j@worldnet.att.net

Monitor
Frequently: 52.920 MHz. -, 145.050 MHz. S, 146.790 MHz. -
223.920 MHz. -, 224.080 MHz. -, 224.120 MHz. -
446.400 MHz. -, 1284.050 MHz. -, 1286.200 MHz. -

Check in
Frequently: 223.920 MHz. Daily at 21:00 PLT.
3856.000 KHz. Daily at 20:00 PLT, LSB.

end
****

621. HTX-202 ER2 Fix

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: N6UZS <n6uzs@juno.com>
Message-ID: <3208687E.3151@juno.com>
Source record: 219399

Ok folks I've been reading the threads over the past 2 days and
have realized one common item here. Everyone so far has attributed
the ER2 error on the display for being RF induced by 5 watts thru
the duckie or whatever. I may have missed a post or 2 on the topic
but if anyone hasn't heard the REAL reason why the 202 does that CPU
reset with the BP8 I will explain why right here to the best of
my knowledge.

First of all the entire problem was described to me as a voltage ripple
problem being produced by the battery at the voltage regulator board.
This ripple is all it takes for the sensitive CPU to reset itself and
go into ER2 message. Nothing worse than this occuring to me especially
when I was right in the middle of reporting a 2 car crash and all
the sudden "POOF" no radio!

To resolve this ripple you need to filter it some way. My friend Jeff
who has made numerous trips to the Tandy Repair center here in
Santa Fe Springs, California finally got the correct fix info from
a tech there. You place a small value Picofarad cap between the
positive and negative terminals right on the other side of where
the battery makes contact and thats all there is to it.

Please note I have to make a quick research call to my buddy Jeff
sometime Wednesday and I'll post the proper capacitor value that is
required for this fix. Ill also provide info on how to contact the
Tandy Repair center here in California if you have further questions.

73,
Richard.
n6uzs@juno.com

622. Re: world biggest secret almost lost

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: Steven_Sampson@msn.com
Message-ID: <00001fef+00004960@msn.com>
Source record: 219400

>Mention of magnetrons in QST during the war would probably have
>drawn the FBI's interest for another reason. Radar. The magnetron
>was a secret (captured from the Japanese).

>Gary Coffman KE4ZV

I think the british would argue with that. The magnetron was
developed in England, and was part of the technology transfer to
the U.S. when it entered the war. Almost every radar book credits
the british for the invention. The japanese magnetron became
famous when it was used to cook food for less than 99 bucks...

623. RE: A CQ Magazine BEEF or HAM!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: Steven_Sampson@msn.com
Message-ID: <00001fef+00004961@msn.com>
Source record: 219401

>Two beefs with CQ:
>
> 1. There are only middle aged white men on the cover as someone
> else pointed out.
>
> 2. Product reviews are usually advertisers. Coincidence?
>
>73s Frank Sved, VE3GID

73 is all you need. It means "Best Regards" there is no word
"Best Regardss".

That's because Part 97 rules and most licensees are white (over 50,
and fat, and wear stupid hats). African tribes and asian peasants are
strictly non-recruited, nor welcome. The magazine is designed for
that segment of Part 97 rules (the old Ham radio) which fights for
spectrum not for technology, but for nostalgic radio of the 30's.
To send "CQ Contest" and see who gets the most points. The old
white man with the most points gets his name in print (about 6 points
Helvetica) and pees all over himself in the excitement...

624. RE: test...

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-07 00:00:00 UTC
From: Steven_Sampson@msn.com
Message-ID: <00001fef+00004962@msn.com>
Source record: 219402

this is a test.
bye
You don't need a signature block more than 4 lines.

--

****
Name: Michael P. ("Jug") Jogoleff
Call: WA6MBZ
AX.25: WA6MBZ@K6TZ.#SOCA.CA.USA.NOAM
Phone: 805-966-4808, Message or FAX

Snail Mail: 1324 Panchita Place, Santa Barbara, CA 93103-2223
Grid Square: DM04DK
Position: 34.431415 Deg. North Latitude
-119.698060 Deg. West Longitude

E-Mail: mike_j@ix.netcom.com
103225.3614@compuserve.com
mike.j@worldnet.att.net

625. Re: Its OK to order pizza on 2m autopatch

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <Dvu758.5Jt@news.hawaii.edu>
Source record: 219153

> All the magazines went out of business due to their technical
> orientation. I think anyone could make a killing by offering a
> magazine that is oriented to pretend lawyers, and other rule
> readers in Part 97 operations (the old Ham radio).

Oh my. Readers of Part 97 are now considerd members of "the old Ham radio."

How do these young pups pass the license exams if they don't read the rule book?

Jeff KH2PZ

626. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: Gary Sanders <gsanders@midwest.net>
Message-ID: <320AB5EF.58F8@midwest.net>
Source record: 219154
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

Having been a ham for 20 or so years, wearing a ham HT on my belt for a good portion of that time, and wearing a commercial HT on my belt during working hours for several years, and for the last 6 months undergoing chemotherapy due to lymphoma (which is, interestingly, cancer of the lymph nodes located in my abdomin, near where the HT antennas were located), I don't think I'll get too excited if I have to document compliance with a regulation designed to lengthen my life.

Cancer isn't any fun.

Sure, I know I'll get flamed, because I don't _know_ that the cancer was caused by the HT's, but then again, I don't _know_ that thay _didn't_ cause it.

627. Packet Problem

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: David Turner <dturner@millcomm.com>
Message-ID: <320AB38F.5765@millcomm.com>
Source record: 219155

My father has a Kenwood 733-a radio and Kantronics 9612 Tnc. He is using a windows program 'KAWIN'. It works fine kfine on 2meters. When he enables 9600baud on 733-a he is unable to connect, ok without 9600b. Unable to connect on 440 at anytime. Would appreciate help from anyone using this combination (733-A,Kam 9612) with or without KAWIN. Kawin program available on WWW.mutadv.com/kawin/ End of msag.

Internet: bill.turner@ocular.com (Bill Turner)
Eye Resources Network * Des Plaines, IL 847/299-0687 8-N-1 (NetXpress v1.53)
---

628. Austin TX

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: ny1t@ix.netcom.com
Message-ID: <4uc4ae$c6j@dfw-ixnews5.ix.netcom.com>
Source record: 219203

I am coming to Austin this weekend to look for an apartment. Any
suggestions on areas to look in, papers to look in, ham restriction...
would be great. I don't have much time to find a place.
also what frequencies are busy. I have HF, 2M, 440Mhz.
thanx, galen

629. Re: Arizonan Climbing Humphreys?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: horak@convex.com
Message-ID: <4ud7db$qpi@eugene.convex.com>
Source record: 219204

In <4ub75d$4ag@fcnews.fc.hp.com> paulc@fc.hp.com (Paul Christofanelli) writes:

>A P.S. to the previous note: Anyone else in the general vicinity of
>SW Colorado, such as in New Mexico or Utah, interested in trying
>for mountain top contacts, let me know. A couple of years ago
>someone did contact a Sandia Peak (Albuquerque) station from another
>peak in the area...

This is truly great fun. Several years ago, I climbed Guadalupe Peak,
the highest (8750 ft) peak in Texas. I worked a guy near White Sands
(about 150 miles) through the El Paso repeater (about 100 miles). Also,
I worked several repeaters in the area including Midland (about 150 miles).
I used a 4 element beam and a HT running on 2 watts! (I got all the way to
the top and realized I forgot the adapter to my 13.5v power pack) :-(

About the same time, down in Big Bend National Park, I was in the Basin
Campground and couldn't hit the Ft. Davis repeater (100 miles to the
north). Then, I got an idea. I pointed the beam to the flat faced
mountain to the east and *bounced* my signal out of the basin and hit the
Ft. Davis repeater just fine! Again, a 4 element beam and a HT running
about 5 watts at that time.

Have fun. Wish I were there! :-(

David N5OFQ

630. Case Logic information is now online

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: Kim Shulman <kshulman@vr1.com>
Message-ID: <320A1EA2.6CE4@vr1.com>
Source record: 219205

Case Logic, the well known manufacturer of audio and computer =

accessories is now online at www.caselogic.com/! This site provides =

information on all of Case Logic=B9s products -- ranging from CD carrying =

cases to computer wrist rests -- company news, and contact information. =

A dealer locator to help customers find the retailer in their area will =

be available soon.

This site is a good reference for researching a product and gathering =

information about what is available before going to the retailer to =

make a purchase.

I would appreciate any feedback you can provide about the site. Let us =

know if there is other information you would be interested in finding =

on the Case Logic site.

631. Re: how can I broadcast on FM radio?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: "Brian S. McDaniel" <bmcdanie@dbtech.net>
Message-ID: <320A1B2F.6727@dbtech.net>
Source record: 219206
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,rec.radio.amateur.misc

Michael Colvin wrote:
>
> Become a DJ?

Work on your communications skills, first.

73 DE KC4LMD
WVTM-TV

632. Re: Help on RFI from a Toshiba TV

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: Geoff Blake <geoff@palaemon.demon.co.uk>
Message-ID: <DvtK2w.33p@palaemon.demon.co.uk>
Source record: 219207
Cross-posted to: rec.radio.amateur.misc,uk.radio.amateur

Keith Stevenson (kstevenson@msmail.bfsec.bt.co.uk) wrote:
: Please can anyone help me with my interference. My dad`s new tv is a 28
: inch Tosh with prologic surround sound. I am getting 3MHz of noise
: centred around 14MHz. I have narrowed it down to the leads feeding the
: rear two speakers. When I disconnect then the noise goes away.

Is it time for us amateurs to go on the offensive?

If the tv is new, like newer than 1st Jan '96, contact your local
trading standards office. It maybe that the TV does not meet its CE
compliance claims!

Geoff
--
--
Geoff Blake geoff@palaemon.demon.co.uk linux 1.2.13
Chelmsford g8gnz@g8gnz.ampr.org (*now back*)
Intel create faster processors - Microsoft create slower processes

633. Re: OLD TIMERS! Rember the ARC-5's

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: brian@nothing.ucsd.edu
Message-ID: <4ud7bl$dfr@news1.ucsd.edu>
Source record: 219208
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Ever since I got rid of my Model 15 TTY, I've had to go lie under my
neighbor's Ford truck to get oil all over my clothes. I'm about to
decide it isn't worth the hassle and give up the oil lifestyle.
- Brian

634. Re: "GMRS Personal Radio?" What is that?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: Ed Ellers <edellers@delphi.com>
Message-ID: <x9Hy4xF.edellers@delphi.com>
Source record: 219209

Clint Bradford <clint.bradford@atdbbs.com> writes:

>Just two of the MANY problems that we, licensed, BUSINESS operators see
>in the new FRS - plus the fact that for the first time in history, the
>FCC is forcing licensed, business operators to SHARE a band with
>unlicensed, CB-mentality folks. With absolutely NO recourse for
>intentional interference.

No, *not* the first time. Part 15 walkie-talkies were legal on CB channels
from the late 1950s until the early 1980s, and during most of that time
normal CB operation required a license.

Also, GMRS and FRS do not share a *band* -- they share seven simplex channels.
The existing duplex channels are used exclusively for GMRS, and the other seven
FRS channels are not available to GMRS.

635. OPINION on KENWOOD TH-22AT NEEDED!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: steven@rain.org
Message-ID: <4uddlj$t5l@news.rain.org>
Source record: 219210
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I'm looking to by a new HT and I've narrowed my choices down to three models. I am posting this message in three parts according to brand and model to reduce confusion. I'm looking for people who have experience with the Kenwood TH-22AT. I'm impressed with the features but not sure on audio quality. I don't want a radio with a real "tin can" sounding speaker if I can avoid it. If you have this radio, please let me know what you think of it, good or bad. Thanks in advance!

636. Cheap CW Transceiver?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: Rick Miller <rick@DigalogSys.com>
Message-ID: <Pine.LNX.3.91.960808133136.6328A-100000@net.digalogsys.com>
Source record: 219211
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.swap

Hi!

I just got my Tech Plus ticket a few weeks ago, but I don't have a rig!

I won't need my hand held too tightly (I'm an electrical engineer who's been interested in radio since I got my Novice ticket at 12 years old), but I'd rather start with a proven design than strike out on my own for my first homebrew rig.

I'd like to build a CW transceiver as SIMPLY and CHEAPLY as possible. QRP is fine. Any band is fine (I'll be getting my General ticket soon). I would kind of like to keep it in one piece but if separate transmitter and receiver would be better for some reason, I'm open to that too.

Pointers to circuits described in magazines would be nice, as long as they're accompanied by at least a short description of the project and how much it's likely to cost me in parts. Kits might be okay too, if they're really inexpensive.

Some ham catalogs came in the mail and struck price-shock into Bonnie, my wife. If I can show her that a homebrew rig built out of cheap parts and/or salvaged junk is all I require, her relief would be immeasurable.

Any help would be much appreciated...

"Rigless" Rick Miller (kb9obn) rdmiller@execpc.com

637. Re: world biggest secret almost lost

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: Marvin Goldstein <mgoldste@notes.cc.bellcore.com>
Message-ID: <320A6F80.6848@notes.cc.bellcore.com>
Source record: 219212

Frank Sved wrote:
>
> Steven Sampson (Steven_Sampson@msn.com) writes:
> >>Mention of magnetrons in QST during the war would probably have
> >>drawn the FBI's interest for another reason. Radar. The magnetron
> >>was a secret (captured from the Japanese).
> >
> >>Gary Coffman KE4ZV
> >
> > I think the british would argue with that. The magnetron was
> > developed in England, and was part of the technology transfer to
> > the U.S. when it entered the war. Almost every radar book credits
> > the british for the invention. The japanese magnetron became
> > famous when it was used to cook food for less than 99 bucks...
> >
>
> That's because the Japanese lost the war. Were the American/Canadian
> Indians ever credited with anything? You lose, you lose everything.
>
> --
> 73s Frank Sved, VE3GID

It isn't true that when you lose you lose everything. The Germans have
been given due credit for rockets, jet planes etc.

Marv Goldstein, W2EQZ

638. Re: HELP: Suitable KWM-2A Q-multiplier?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: donrm@sr.hp.com
Message-ID: <4udeqq$7cp@canyon.sr.hp.com>
Source record: 219213
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

JOSE V. GAVILA (Fermax.esp@vlc.servicom.es) wrote:
> I'm looking for information on a suitable KWM-2A Q-multiplier; I also
> wonder if the old Heathkit QF-1 would work. Please, any information

There's no reason I can think of that the old Heathkit QF-1 wouldn't work; it's just not as "sanitary" an installation as that afforded by the Waters built in unit. The QF-1 has a flexibility advantage (selectable null, peak, etc) over the Waters, however. Waters manufactured a lot of nice accessories for the Collins line; unfortunately one of their competitors virtually 'stole' some of their ideas and began marketing ersatz products.

73 from Don, K6LTS
donrm@sr.hp.com

639. OPINION on YAESU FT-10 NEEDED!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: steven@rain.org
Message-ID: <4uddok$t5l@news.rain.org>
Source record: 219214
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I'm looking to by a new HT and I've narrowed my choices down to three models. I am posting this message in three parts according to brand and model to reduce confusion. I'm looking for people who have experience with the Yaesu FT-10. I'm impressed with the features but not sure on audio quality. I don't want a radio with a real "tin can" sounding speaker if I can avoid it. My FT-411E is a good radio but the audio is terrible. If you have this radio, please let me know what you think of it, good or bad. Thanks in advance!

640. Re: JAMMERS ON 2 METER

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4ucl7i$ohn@lehi.kuentos.guam.net>
Source record: 219215

jherman@Hawaii.Edu (Jeffrey Herman) wrote:

<channel stuff snipped...>

>Michael Deignan should have to do penance for bringing up this topic.

>73 from balmy Hawaii,
>Jeff KH2PZ / KH6
>(high today 88, low last night 75, ocean 81; brisk NE Trade winds ~20 knots)
>(usual boring weather)

Hey Jeff, I got an idea. What say we all get together on 20 meters and talk
this frequency/channel thing over. How about tommorrow at 2300 GMT on
20 meters, channel 42. Be there or be square.

73, Jim KH2D
(high today 91, low last nite 91, ocean wet, no winds, humidity 102%)

641. Re: FFT ANALYZER INFO NEEDED

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: timh@xetron.com
Message-ID: <Dvtrzn.591@xetron.com>
Source record: 219216

Try this:
http://www.webcom.com:80/~af9y/#Bullet 2

In article <4ucq72peo2@mhafc.production.compuserve.com>,
76103.723@CompuServe.COM says...
>
>
>Need an FFT analyzer program that runs on a PC/soundcard that will not
average
>
>and entire waveform, but allow the observance of the spectra of a part of the
w
>
>aveform. Does anybody know if such software exists as shareware or
commercially
>
>?
>
>Thanks beforehand
>
>
>
>Viny Coppola N1VC
>

--
Timothy W. Huster
http://www.xetron.com/~timh timh@xetron.com
kb8bnk@kc8tw.#cin.oh.usa.na
"...and Dad! I like Putt-Putt! I got a One on that Hole!" Andrew H. age 4

642. Re: Want to get into Ham radio-anyone recommend a radio?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4uclfs$ohn@lehi.kuentos.guam.net>
Source record: 219217

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>in any given situation. For lucky West coast HT users, the north
>Pacific duct will even allow them to contact Hawaii from time to
>time. That's a wee bit more than 3 blocks.

>Gary
>--
>Gary Coffman KE4ZV | You make it, | Due to provider problems
>Destructive Testing Systems | we break it. | with previous uucp addresses
>534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
>Lawrenceville, GA 30244 | |

Well, Gary, since you aren't in CA., we can't get you to do the testing,
but maybe we can get one of them 6 land tech's to go sit on the beach
with an HT and come back and tell us how long it took him to work
Hawaii. Better we find a young one, as he is gonna be there for a
while.

So I guess I should revise my answer:

1. Usually, 3 blocks.
2. From a mountain top, 60 miles.
3. From the beach in California, all the way to Hawaii. (but don't hold your
breath while waiting for the band to open).

73, Jim KH2D

643. ICOM IC-V200TN - Information NEED

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: "T. Warchal" <twarchal@wg.ns.onet.pl>
Message-ID: <3209D707.341C@wg.ns.onet.pl>
Source record: 219218

I need a program and hardware interface to program ICOM IC-V200TN.

Is anyone have any information about it ?

Thaddy SP9VFC

email: twarchal@wg.ns.onet.pl
tel/fax +48-18-421-075

644. Re: Ham guts

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4ucrgh$fnu@freenet-news.carleton.ca>
Source record: 219219

```
Burt Fisher (k1oik@ccsnet.com) writes:
> Frank Sved wrote:
> fell asleep again Blurt. I want to hear the ending.
>
> The point of you low class PERSONAL insults?
>
> #================#============================================================#| Burt Fisher |
Teacher of video, broadcasting and electronics |
> | Amateur call | South Dennis, Ma. (Cape Cod) |
> | K1OIK | Mr. Happy should not be happy all the time. |
> #================#============================================================#|
k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
> #=====================================================================#
Nothing PERSONAL, this is aimed at Blurts everywhere. I don't take public
offence to you calling me fat, white, and lazy do I? (Stoopid too but I
don't remeber If you said that or my wife.) :-)

--
(((((
0-0-,((
----.oO--O---Oo.------
| Frank Sved |
```

645. Re: F..k You Jim You Low Life

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: Ken Bessler <kg0wx@southwind.net>
Message-ID: <320A1DA4.3352@southwind.net>
Source record: 219220
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

Robert Casey wrote:

> What is this?! The '435 machine?!!! :-)

Oh, no... the 147.435 repeater is MUCH worse. (you can't jam someone here)

646. Regency Microcom U-15: need info

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: no6b@no6b.jpl.nasa.gov
Message-ID: <4udjjq$kfg@elroy.jpl.nasa.gov>
Source record: 219221
Cross-posted to: rec.radio.amateur.misc,alt.ham-radio.vhf-uhf

I have the above radio recrystaled to my 440 repeater system. The problem is the TX oscillator drifts a lot with temperature. When applying heat/cold to the crystal itself, the freq. is fairly stable. I can't seem to locate any 1 capacitor or transistor that is causing the drift. The freq. is set with a ferrite core coil rather than a trimcap, but I don't think that's the problem since the RX oscillator is tuned the same way & it doesn't have the drift problem.

Anyone have contact info for Regency or happen to have the schematic for this radio?

Bob NO6B (KE6TZF)

647. Re: JAMMERS ON 2 METER

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: Ed Ellers <edellers@delphi.com>
Message-ID: <5-OzwxB.edellers@delphi.com>
Source record: 219222

Dana Myers <myers@West.Sun.COM> writes:

>You're certainly correct that bandwidth sets a limit to how many
>active channels can occupy a given amount of spectrum, but that doesn't
>mean that there aren't an infinite number of channels. People are
>still confused by the "40 channels AM, 80 channels SSB" claims made
>for some CB radios. We all know that there aren't 120 channels in
>CB that can be used at the same time, but there are 120 channels
>one can choose from. ;-)

The same thing happens with TV tuners -- most these days will tune cable channels 1 through 125 as well as broadcast channels 2 through 69. Since channels 2 through 13 are the same in both modes they're counted once, but the UHF and other cable channels are counted separately, so these tuners are often claimed to handle 181 channels.

648. What is 10-10 International???

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: "K.S. Wright" <wrightks@ops195.lmsc.lockheed.com>
Message-ID: <3209F3F6.61A9@ops195.lmsc.lockheed.com>
Source record: 219223

Hi all! I've just received my Ham ticket as a Tech+ and noticed great skip window on 10m from CA to UT, NM and later in the day to WA. Several stations were calling out 10-10 numbers. Could someone tell me what that's all about???

TIA

73's

K.S. Wright (Scott) - KF6FJS

649. GB2RS News 11th August 1996

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: David Hough <dave@llondel.demon.co.uk>
Message-ID: <839565054snx@llondel.demon.co.uk>
Source record: 219224
Cross-posted to: uk.radio.amateur,rec.radio.info,rec.radio.amateur.misc

Good morning. It's Sunday the 11th of August and here is the GB2RS news broadcast, prepared by the RSGB and intended for all radio amateurs and short-wave listeners.

The RSGB will be holding another amateur radio car boot sale at its headquarters in Potters Bar next Saturday, the 17th of August, from 10.00am to 4.00pm. The RSGB HQ building will also be open, with the bookshop and GB3RS shack available to visitors, as well as the National Amateur Radio Museum and Library. Morse tests are available on demand between 11.00am and 12.30pm, but don't forget to bring two passport-size photographs and the appropriate fee with you. For further details contact Marcia Brimson, 2E1DAY, at RSGB HQ, on 01707 659015.

Listeners to the 2 metre GB2RS news broadcast at 9.30am local time in Cornwall should note that from the 1st of September it will be made through the north Cornwall repeater on channel R5 and not on S21. This will be for a trial period of four months. Reports will be welcomed either by the newsreader or direct to GB2RS manager Ian Kyle, GI8AYZ, whose address is correct in the RSGB Call Book. The purpose of the experiment is to improve coverage in this difficult terrain.

Now some items of HF DX news from the weekly RSGB DX News Sheet, edited by Chris Page, G4BUE:

From Liberia - EL - Carl, K4YT, is planning activity for two weeks from Monday the 12th of August. His callsign is not yet known.

From St Barthelemy in the Caribbean, I4ALU will sign FJ/I4ALU on CW on all bands from Tuesday the 13th until the 25th of August.

And a major DXpedition from Midway Island is due to start next Sunday, the 18th of August. An international group led by Frank, AH0W, will be active for one week signing AH0W/KH4.

Now news of a special event station:

GB4ASH is on the air this weekend, the 10th and 11th of August, from Ashfield Show near Mansfield. The station will use HF, VHF and UHF, and modes include ATV and packet.

Next the Rally News:

The GB3WD Car Boot Sale takes place today, the 11th of August, starting at 10am. The event is at Sparkwell Wildlife Park, Plymouth.

The Flight Refuelling Amateur Radio Society Hamfest also takes place today, Sunday the 11th. The event takes place at the Flight Refuelling

Sports Ground, Merley, Wimborne in Dorset and doors are open from 10am to 5pm. Attractions include a bring and buy sale, craft exhibitions and field events. Talk in is on S22.

The Derby Mobile Rally takes place at Littleover Community School, Pastures Hill, Littleover today, Sunday the 11th of August. The event features a large radio and computer junk sale. Doors open at 9.30am.

We have received notification from RadioSport Limited that, due to other commitments, it has reluctantly decided to cancel the Stafford Amateur Radio and Computer Show. The Stafford show had been scheduled to take place next Friday and Saturday, the 16th and 17th of August.

SMC is holding an open day at its Chandler's Ford headquarters next Saturday, the 17th of August. Doors open at 9.00am and for further details you can call 01703 255111.

The Red Rose Rally takes place on Sunday the 18th of August at Horwich Leisure Centre, Church Street, Horwich, near Bolton. Please note that the location is just off junction six of the M61 and not junction eight as stated in August RadCom. Doors open at 11am, or 10.30am for disabled visitors. Features include a bring and buy sale, special interest groups and an RSGB stand. For further details telephone 01204 62980.

The Great Eastern Rally takes place at the Cattle Market, Hardwick Narrows in Kings Lynn, Norfolk, next Sunday the 18th. The event features an indoor exhibition, RSGB book stall and membership information stand, as well as an outdoor car boot sale. Doors open at 10.00am or 9.45am for disabled visitors, and talk-in will be on 2 metres channel S22. For full details, please ring 01553 765614.

The Cardiff Amateur Radio and Computer Fair takes place at the Star Sports and Recreation Centre, Splott, in Cardiff also on Sunday the 18th. Doors open at 10.30am and for further details please ring 01222 613070.

The Amateur Radio Caravan and Camping Club's next rally takes place near Hereford from Friday the 23rd to Tuesday the 27th of August. Caravanners or tent campers wishing to participate should contact Alan Gard, G4LWA, on 01462 811208 for more details and a booking form.

Now the beacon news:

OH2B, near Helsinki, is another new five-band HF beacon now operational in the International Beacon Project network. It transmits for 10 seconds in turn on 14,100, 18,110, 21,150, 24,930 and 28,200 kHz with stepped powers of 100 watts, 10 watts, 1 watt and 100 milliwatts. The antenna is a multi-band vertical and the beacon has been heard with good signals in the UK. A five-band beacon has been shipped to Madeira and it is hoped it will be operational soon as CS3B.

The RA has recently approved a 6 metre beacon in Darlington, County Durham. GB3IFX will operate on 50.275MHz.

Repeater news next:

The Orkney and Caithness 2 metre repeater GB3OC, which operates on channel R2, returned to service on the 27th of July, having been off the air since May due to a logic problem.

The Radiocommunications Agency has recently approved a 2 metre repeater at Berwick-on-Tweed. GB3BT will operate on channel R4.

And the RA has also approved a site change for the GB3WM 2 metre repeater on channel R2. It will move to a new site near Birmingham.

Now for the contest news:

The European DX CW Contest is taking place this weekend, the 10th and 11th, and finishes at 2400 UTC on Sunday. Brief rules can be found on page 23 of the August RadCom.

Next weekend the SEANET SSB Contest takes place for 48 hours from zero hours UTC on Saturday the 17th. Brief rules can be found on page 23 of the July RadCom.

We know of no VHF contests this weekend, but the RSGB 432MHz Fixed Station Contest takes place next Sunday, the 18th, from 1700 to 2100 UTC. The rules were in last September's RadCom.

And now the solar factual data for the period from the 29th of July to the 4th of August, compiled by Neil Clarke, G0CAS:

The sunspot region that rotated into view on the 26th of July is the same one that produced the X-class solar flare on the 9th of July. So far during this rotation it has only produced small and insignificant B class solar flares, although it has increased other solar parameters. Solar flux levels increased to 80 units by the 30th, and averaged 79. The 90-day solar flux average on the 4th was 71, one unit up on last week. X-Ray flux levels increased to A8.3 on the 30th and averaged A7.3 units. Geomagnetic activity was at 'quiet to unsettled' levels. The 31st was the most disturbed day with an Ap index of 14, and the average was Ap 10 units. Solar wind data for the period from the 22nd to the 28th of July saw solar wind velocities at normal levels of around 350 kilometres per second. Particle densities increased from 10 to 40 particles per cubic centimetre on the 28th. Bz remained around zero nanoTeslas until the 28th when, due to the sudden impulse, it became mostly southerly, with levels of up to 12 nanoTeslas.

Now the ionospheric data for Central France for the period from the 26th of July to the 1st of August. The F2 daytime critical frequencies averaged 7.0MHz and the darkness hour lows averaged 3.0MHz. The daytime highs took place between 1900 and 2000 hours and the darkness hour lows took place between midnight and 0400 hours.

And lastly the solar forecast. This week the quiet, spotless, side of the sun is expected to be looking our way. Solar activity is expected to be very low and solar flux levels are expected to be in the mid to high 60s. Geomagnetic activity is expected to be 'quiet to unsettled'. MUFs

during daylight hours are expected to be about 18MHz for the south and 15MHz for the north. The darkness hour lows are expected to be about 10MHz. The peak of the Perseids meteor shower will take place today and tomorrow.

And that's the end of the solar information.

Finally in the main news, SSL has informed the Society that as of last Wednesday morning, the latest callsigns allocated were in the M0 Alfa Juliet and M1 Alfa Victor series, and Novice calls in the 2 0 Alfa Oscar and 2 1 Foxtrot Golf series.

--
GB2RS is prepared by the Radio Society of Great Britain.
Tel +44 1707 659 015
Fax +44 1707 645 105

650. Re: Fuck You Jim You Low Life

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: gwittig@microsys.net
Message-ID: <4udbrj$sc_002@SYS112.MICROSYS.NET>
Source record: 219225
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

>
>Hardly. There is such profanity frequently used on the Ham bands, such as
>80 meters, all the time. It seems that nothing is done about it by the
>FCC - although usually the Hams even identify themselves with their calls.
>
>Bill
>Ham radio is self regulating the FCC rarely gets involved. You are right out
here in Ca. there is an X-rated 2 meter repeater. Profanity is frequently used
but free speech could be an issue if it were not allowed since it is stated
plainly in the local repeater guides that it is an X-rated repeater.
Greg

651. Re: Burts wife is fat

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: Dave Booth <booth@pactitle.com>
Message-ID: <320A6A56.794B@pactitle.com>
Source record: 219226
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

```
Burt Fisher wrote:
>
> John R. Cunliffe wrote:
> >
> > Well Burt, maybe if you put a realistic price on this equiptment
> > somebody would by it. You should go to one of the hamfest and get
> > informed about the real value of your equiptment and then try it
> > again.
>
> What prices need to be corrected?
>
> ---------------------------------------------------------------
>
> C O M P L E T E S T A T I O N
>
> I am selling my entire station as one package. See it, test it, buy it.
>
> Icom 751 with CW filters, RC-10 keypad $800
>
> Icom 2KL Solid state 5OO watt amplifier $1300
>
> Icom AT-500 automatic tuner $350
>
> Cushcraft A3 Beam $300
>
> Alliance Ham rotor $100
>
> 40 foot crank up tower $300
>
> $3000 cash and I do mean cash. It all works and it is all connected.
>
> I am bored with the hobby. The prices noted above are how I arrived at
> the total, if you strongly disagree, tell me.
>
> All messages answered. If you do not get an answer I did not either get
> the message or you didn't.
>

With a SHIT attatude like you have, I wont miss you not being HAM.
Good by.
--
Dave Booth
kc6wfs
```

http://www.geocities.com/Hollywood/5860/

652. IPS Daily Report - 08 August 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <4udtak$apb@flare.syd.ips.oz.au>
Source record: 219227
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 08/2330Z AUGUST 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 08 AUGUST AND FORECAST FOR 09 AUGUST - 11 AUGUST

1A. SOLAR SUMMARY
Activity: Low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 70/5

GOES satellite data for 07 Aug
Daily Proton Fluence >1 MeV: 3.5E+05
Daily Proton Fluence >10 MeV: 1.9E+04
Daily Electron Fluence >2 MeV: 1.8E+07 (normal)
X-ray background: A8.4
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
09 Aug 10 Aug 11 Aug
Activity Very Low Very Low Very Low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 09 Aug: 69/3

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Quiet

Estimated Indices : A K Observed A Index 07 Aug
Learmonth 4 2211 1111
Fredericksburg 5 5
Planetary 5 5

Observed Kp for 07 Aug: 1221 1221

2B. MAGNETIC FORECAST
Date Ap Conditions
09 Aug 8 Quiet to unsettled
10 Aug 8 Quiet to unsettled
11 Aug 8 Quiet to unsettled

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band

Date Low Middle High
08 Aug Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
09 Aug Normal Normal Normal
10 Aug Normal Normal Normal
11 Aug Normal Normal Normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
08 Aug 11

Observed Australian Regional MUFs:
Darwin: Near predicted monthly values.
Townsville: Near predicted monthly values.
Sydney: Near predicted monthly values, with spread F
observed during local night.
Hobart: Near predicted monthly values.

Predicted Monthly T index for August: 10

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
09 Aug 10 near predicted monthly values
10 Aug 10 near predicted monthly values
11 Aug 10 near predicted monthly values

A Windows version of the IPS HF prediction software, ASAPS, will
be available from early August 1996, for AUD350.
Upgrades from DOS versions 2.0 and higher will be available for
AUD50.
For more details, or to obtain a free demonstration copy, please
contact IPS.

--
IPS Radio and Space Services | email: rwc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/rwc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/rwc/
tel: +61 2 94148300 | fax: +61 2 94148331

653. OPINION on ICOM TC-T22A NEEDED!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: steven@rain.org
Message-ID: <4uddhq$t5l@news.rain.org>
Source record: 219228
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I'm looking to by a new HT and I've narrowed my choices down to three models. I am posting this message in three parts according to brand and model to reduce confusion. I'm looking for people who have experience with the Icom IC-T22A. I'm impressed with the features but not sure on audio quality. If you have this radio, please let me know what you think of it, good or bad. Thanks in advance!

654. Re: Burts wife is fat

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4ue284$2fg@lehi.kuentos.guam.net>
Source record: 219229
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Dave Booth <booth@pactitle.com> wrote:

>With a SHIT attatude like you have, I wont miss you not being HAM.
>Good by.
>--
>Dave Booth
> kc6wfs
>http://www.geocities.com/Hollywood/5860/

Only in California.....

655. Re: Crystal Control

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: Jake Brodsky <frussle@erols.com>
Message-ID: <320A6DCB.5581@erols.com>
Source record: 219230

When I was licensed in 1975, Novices were limited to 75 W and strictly crystal control. The crystal control issue went away in the same year. I think the crystal control thing was because many novice hams were expected to build their own radio gear and crystal control was one of the few ways the FCC could ensure these inexperienced hams would have a clean, stable signal that stayed put. I think that by 1975, most new hams were either building kits or they were buying manufacturer's gear...

73,
Jake Brodsky, mailto:frussle@erols.com
PP-ASEL-IA, Cessna Cardinal N30946, Based @ MD24
Amateur Radio Station AB3A
"Beware of the massive impossible!"

656. Re: FCC Ruling Prohibits Unreasonable Restrictions on TV Antennas

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: "James F. Boehner, MD" <jboehner@csra.net>
Message-ID: <320A8CEE.2C0A@csra.net>
Source record: 219231
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwaverec.radio.amateur.misc

Bill Sohl wrote:
>
> vbook@vbook.com (Ed Mitchell) wrote:
>
> >***** Breaking News Story *****
> >FCC Ruling Prohibits Unreasonable Restrictions on TV Antennas
> >by Ham Radio Online, 7 August 1996
>
> >In a major ruling, the FCC declared void local laws prohibiting
> >or restricting the use of small wireless dish antennas.
> >More significantly, the FCC declared that use of small dish
> >antennas and television receiving antennas can not be restricted
> >by "any private covenant, homeowners' association rule or similar
> >restriction on property within the exclusive use or control of
> >the antenna user". Under the federal pre-emption, all homeowners
> >must be allowed to install TV antennas. Longer term this ruling may
> >have important ramifications for eliminating restrictions on Amateur
> >Radio antennas.
>
> >The complete story is available at Ham Radio Online at:
> >http://206.13.40.11/
>
> Wow, do I have a couple of ideas for some QST articles
> that begin with a title: How to build a (enter your
> favorite band here) meter antenna that looks like a TV
> antenna :-)
>
> Bill Sohl K2UNK
> ARRL Local Gov't Liaison, Mt. Olive Township, NJ

How about a sky of aluminum with a $40 Radio Shack Antenna on top?
YES!!!!!

73 de JIM N2ZZ

657. Re: Your recommendation for an HT?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <320A7A05.64A6@ccsnet.com>
Source record: 219232
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Tim Huster wrote:
>
> Hunh.....
> When did the aircraft frequencies extend through 162MHz???
> Maybe a modified aircraft radio could extend its frequencies
> through 162MHz and should be rugged.

Anybody with intellect would not respond as you have.
Read what I wrote.

> >I want to buy an HT for 2m that has at least 20 memories,
> >covers the aircraft frequencies through 162 MHZ and is rugged
> >Suggestions?

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#================#===#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#===#

658. Brantford Flea Market August 17

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: jthomas@wat.hookup.net
Message-ID: <4uct2u$ku4@nic.wat.hookup.net>
Source record: 219233
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.cb,rec.radio.swap,rec.radio.scanner,alt.radio.scanner,alt.current-events,tor.events,ont.events,wny.events,kingston.events,queens.events

BRANTFORD AMATEUR RADIO CLUB'S

FLEA MARKET

At Burford Fairgrounds, Burford, Ontario
On Highway 53 - 15 km West of Brantford

SATURDAY AUGUST 17th, 1996

From 9:00 am.....Admission $5.00
Vendors 7:30 am.....$8.00/table plus admission
Tailgaters Welcome.....$4.00 plus admission
Expanded: 2 buildings this year.....Acres of free parking
Major Door Prize: $700 gift certificate from Norham Radio Inc.
Talk-in on VE3TCR 147.150+

For more info and table reservations, phone or write:
Richard La Rose, VE3RLX Brantford Amateur Radio Club
153 Dunsdon St. P.O. Box 25036
Brantford, ON. N3R 6N3 Brantford, ON. N3T 6K5
519-752-2437

659. Re: world biggest secret almost lost

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: mikef@pacifier.com
Message-ID: <4udftp$pk8@news.pacifier.com>
Source record: 219234

In article <1996Aug6.151628.18293@ke4zv.atl.ga.us>,
Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>
>Mention of magnetrons in QST during the war would probably have
>drawn the FBI's interest for another reason. Radar. The magnetron
>was a secret (captured from the Japanese).
>
Hmmm ... I thought the British invented the magnetron.

--
Mike Freeman | Internet: mikef@pacifier.com
Amateur radio: K7UIJ | GEnie: M.Freeman11
/* PGP2.6.2 PUBLIC KEY available via finger or PGP key server */
.. Ask not for whom the <^G> tolls.

660. Monthly Newsline Information Notice

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: bigsteve@dorsai.org
Message-ID: <43oCyQQI8B9O091yn@dorsai.org>
Source record: 219235
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

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Amateur Radio Newsline Monthly Information Notice
================================================

Last Revised: 8/8/96 |

THE AMATEUR RADIO NEWSLINE
Editorial Office
28197 Robin Avenue
Saugus Ca. 91350
Tel./Fax.: (805) 296-7180
America Online: BILLWA6ITF
Internet: billwa6itf@aol.com
Note: Newsline has discontinued the use of MCI E-Mail. |

NEWSLINE ON THE WWW

Data Coordinators

Dale Cary, WD0AKO Steve Coletti
wd0ako@rrnet.com bigsteve@dorsai.org
104567.1215@Compuserve.com

Audio Version of Newsline
=========================

Telephone
---------
Los Angeles (Primary Feed Line)........ (805) 296-2407
Los Angeles............................ (818) 313-9997
Chicago, Il............................ (708) 289-0423
Cincinatti, Oh......................... (513) 745-1948
Conroe, Tx............................. (409) 525-6250
Houston, Tx............................ (713) 362-4650
Louisville, Ky......................... (502) 894-8559
Melbourne, Fl.......................... (407) 953-1637
New York, NY........................... (718) 284-0752+#+1
Seattle, Wa............................ (206) 281-8455
Tacoma, Wa............................. (206) 927-7373
West Palm Beach, Fl.....................(407) 684-4636+960+1

Repeaters
---------
Dale maintains a list of repeaters that carry Newsline. E-Mail
wd0ako@rrnet.com and request a copy of his list. It is in landscape
format.
```

Audio Web Sites

Sponsor: ACCS Labs
Contact: Hank Armstrong KI6JL
E-Mail: hank@hank.com
FTP Site: 204.118.4.135
System: Internet Wave
URL: http://www.smartlink.net/~hca3

Sponsor: Bandmaster
Contact: Bill Levey WA4FAT
E-Mail: WA4FAT@scott.net
System: True Speech
Drivers: Download from site
URL: http://www.scott.net/~wa4fat

Sponsor: TAPR
Contact: Greg Jones WD5IVD
E-Mail: gjones@tenet.edi or WD5IVD@tapr.org
System: Real Audio
Drivers: Download from site
URL: http://www.tapr.org/newsline

Text Version Information/Redistributors
==========

WWW Pages carrying Newsline |
--- |
http://www.rrnet.com/rrra/newsline |
Hosted by Dale Cary - WD0AKO & the |
Red River Radio Amateurs, Fargo, ND |

Features an extensive archive of previous Newslines starting |
with #692 in November 1990, information on numerous aspects of |
Newsline, its history, people of Newsline, links to other Newsline |
sites both text and audio. More features being added. |

Home Page

Sponsor: Lew Williams
Location: North Carolina State University
Files: Newsline Scripts, Download Statistics
URL: http://www.acs.ncsu.edu/HamRadio/News.html

Sponsor: Tom Blackwell |
Location: Dallas, TX. |
Files: Has recent Newsline text on his own home page. |
URL: http://www.why.net/home/tom.blackwell |

Other Web Sites
---
http://www.accessone.com/~vbook/hronline.html
http://www.alinco.com/Hotlinks/Index.html

Internet

Newsgroups: rec.radio.info or rec.radio.amateur.misc
Contact: David Dodell, moderator of "info" at
david@stat.com

E-Mail: Send mail to listserv@netcom.com with the
following commands in the body of the message
(the subject is ignored)
To subscribe: subscribe newsline-list
To unsubscribe: unsubscribe newsline-list
For more information: help
For list problems, address changes, or information on other
ham radio related lists from Netcom, e-mail the list keeper,
Michael Ardai at owner-newsline-list@netcom.com. DO NOT send
address changes to Steve Coletti, it will only cause a delay.

The mailing list maintained by bigsteve@dorsai.org for individual
subscribers is now closed. No new subscribers will be accepted.
Existing subscribers to this list should continue to write Steve for
address changes.

The list maintained by wd0ako@rrnet.com for BBS's and radio clubs that
redistribute Newsline remains active and is still open.

FTP: oak.oakland.edu pub/hamradio/docs/newsline/
Contact: Scott Ehrlich, Boston ARC file libraian at
wy1z@ehrlichtronics.com

Online Services

America Online - Contact: Terry Stader, Sysop at tstader@aol.com
Compuserve - HamNet Library 0 Contact: wd0ako@rrnet.com
Delphi - In the ham radio conference Contact: wd0ako@rrnet.com
Genie - RTC Bulletin Board (m345;1) or File Library (m345;3)
Contact: Glen Johnson at RADIO.RT@genie.geis.com

BBS Networks

FidoNet: Echoes; HAMRADIO and AMATEURRADIO, (names will vary per
individual BBS) Contact: Steve Coletti@1:278/230
FREQ; NEWSLINE @ 1:2625/111
Contact: Joe Brown,KB2NBN@1:2625/111

RIME/RelayNet: Ham Radio Conference Contact: Send RO mail to
Steve Coletti, ->35

Others: In the Ham Radio related conferences on the following
networks, Intelec, I-Link, AR-Net and Fringenet, contact
Steve Coletti by way of a private reply within the
conference.
In the Ham Radio Conferences of the U'NI Network and WildNet
please contact Thomas Smith.

Direct Dial BBS's

Dallas Remote Imaging BBS (DRIG), 214 492-7573, In bulletin number 36.
The Midwest Connection BBS, 701 239-2440. In bulletin number 6 of the
ham radio conference.

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E-Mail - 3241437@mcimail.com or BILLWA6ITF@aol.com
Phone/Fax - +1 805 296-7180
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--
< ^^>
< "Big Steve" Coletti >
< Computer and Network Installation, Upgrades and Repair. >
< Internet: bigsteve@dorsai.org >
< I was balding, then I installed Windows 95 and pulled the rest out. >
< US Mail: P.O. Box 396, New York, NY 10002 >
< Fax Weekdays/Voice Weekends: +1 212 995-2637 >
~~~~~~
~~~~~~

661. Re: FS: All Ham Bands, Reply to Republican Congress

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: bkobb@newsignals.com
Message-ID: <bkobb-0808962223310001@bkobb.ppp.nova.org>
Source record: 219236
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.amateur.policy

In article <4ub16a$pmq@test-sun.erols.com>, bry1@erols.com wrote:

>Hilarious! You REALLY believe that this is a matter of partisan politics?
>
>It is really "politics as usual" regardless of what so-called "party" they
>belong to. The two party system is largely a disatrction from the real issue!

The Democrats screw up and the Republicans have a party. Then the
Republicans screw up and the Democrats have a party.

This is known as the 'two-party' system.

Your brother in wirelessness,

Bennett Z. Kobb KC5CW
http://home.navisoft.com/nspi

662. Re: Your recommendation for an HT?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <320A79AA.138A@ccsnet.com>
Source record: 219237
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Christopher K. Greenhalgh wrote:

> Do you truely expect help/input from the people in this group, or is this some
> kind of bait?

Yes I will get help.
And already have.
If people want me to talk about ham radio they will help.
Some will help because they are just plain decent.

```
#================#=========================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | Mr. Happy should not be happy all the time. |
#================#=========================================================#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#=============================================================================#
```

663. Re: Have Ham Licence Plate

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: Dave Booth <booth@pactitle.com>
Message-ID: <320A6084.446B@pactitle.com>
Source record: 219238

Roger wrote:
>
> I have 1 extra Ham license plate, AC6BW, CA. I will let it go for $5. That
> ought to cover postage and mailing materials. Please email responses to
> ac6bw@slip.net
> 73,
> Roger

hehe how about 2 pints of blood also!!!!!!
http://www.geocities.com/Hollywood/5860
--
Dave Booth

664. Re: Radio Shack HTX-212 modification

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4ucsed$g4b@freenet-news.carleton.ca>
Source record: 219239

Michael (vickir@pacific.net.sg) writes:
>>Memory mode: Xmit 143.000 - 149.000 Mhz
>> Recv 143.000 - 149.000 Mhz
>>
>>Note: To return to the default frequency ranges, you must
>> reset the transceiver. Page 18
>
> Now here U R again FRANKIE....given away SECRET SHIT.
> Out of band transmitting and mods.....AGAINST THE LAW !!
>
>
>
> FCC >>>>>TAKE THIS GUY BEHIND THE BARN !
>
>

FCC can't touch me! I'm Canadian. Here it's Industry Canada. I legally purchased this radio and manual in Canada and this information is contained verbatim in the manual.

What is FCC, Gustapo?

--
(((((
0-0-,((
----.oO--O---Oo.------
| Frank Sved |

665. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: Chuck Harrington <paketpet@gate.net>
Message-ID: <320A2018.7107@gate.net>
Source record: 219240

Steve - KF2TI, NJ wrote:
> Those darn republicants. Boy, ya gotta love them.
>
> Just one more of the tax and tax government people.
> Ya know how to reduce big government??? fire em ALL and start fresh
>
> steve

It is usually your Liberal Democrat Enviromental types that are behind this kind of stuff, Gore is a big one. I don't see how that much tax money will be generated from this, but I also don't see how they are going to come up with the staff to enforce it.

We just need the Federal government to stay out of our lives. Its bad enough that they want to restrict the heck out of internet, but now they are trying to cripple Amateur Radio!

--

Chuck Harrington

666. Re: The boys

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4ud2bo$i73@freenet-news.carleton.ca>
Source record: 219241

```
Burt Fisher (k1oik@ccsnet.com) writes:
> Someone tell me why they refer their ham friends as "the boys"
> Since when is an old fat WHITE man or men a boy or boys?
>
> ================#=========================================================#
> | Burt Fisher | Teacher of video, broadcasting and electronics |
> | Amateur call | South Dennis, Ma. (Cape Cod) |
> | K1OIK | Mr. Happy should not be happy all the time. |
> #================#=========================================================#|
k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
> #=====================================================================#

There you go again Burt. Calling me Fat & White! Well you started it
this time!

BBBBBBBBBBBB BBBB BBB BBB BBBBBBBBBBBB BBBBBBBBBB
BBB BBB BBBB BBB BBB BBB BBB BBB
BBB BBB BBBB BBB BBB BBB BBB BBB
BBBBBBBBBBBB BBBB BBB BBB BBBBBBBBBBB BBB
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BBBBBBBBBBBB BBBBBBB BBBBBB BBB BB BBB

--
(((((
0-0-,((
----.oO--O---Oo.------
| Frank Sved |
```

667. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: djfinn@ibm.net
Message-ID: <4udrd1$46li@news-s01.ny.us.ibm.net>
Source record: 219242
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>However, Part 90 *portable* radio stations are categorically exempted.
>I'm not sure the FCC considers "mobile" rigs to be "portable" radio
>stations. If not, *each* installation must be certified. Otherwise,
>they're exempt *regardless* of power level. Cops always seem to be
>"more equal" under the law than you or me.

Does anyone know off hand if they are using the IEEE C92.1 limits? If so, Anybody trying to transmit at the normal 100W in a residential neighborhood (ie, low wire dipole antenna) may be in trouble. Forget about using attic antennas. The standard penalizes efficient antennas. I also believe the limits vary wiith frequency; I know that that the allowable ERP at 800MHz is only about 0.4W, compared to the previous 7W Max. transmitter power (the old standard did not consider antenna efficiency). I also know that 800MHz products designed well below the 7W transmitter power level usually did not meet the 0.4W ERP or that other parameter, SAR (for products held close to the ear). Yes, our handheld devices may be exempted but my point is that, if FCC is using the 1992 IEEE standard, amateurs in residential areas (a large portion of the ham population) will at the very least be marginal at 100W, if they use wire dipoles, G5RV's, slopers etc., and I believe the small 600W linears will be out of the question. I hate to sound like I'm sounding a false alarm but I'm not ready yet to buy into ARRL's contention (D. Sumner) that the new regulation will show how safe amateur installations really are. I'm sure he has a high tower to take advantage of 1/R**2. The new IEEE limits are much lower than the previous standard, but we will not start seeing this until after we start making the measurements.

73

KR4AJ

668. 3D2PI

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: Julian Sortland <julian@zeta.org.au>
Message-ID: <4ud5kg$vbg@gidora.zeta.org.au>
Source record: 219243

Hi,

Just a short addition to my previous message about 3D2PI.

Peter is using a VK2 QSL manager, so please don't mail cards to his
callbook address in Australia.

He is near / at Vanuatu now, and mainly using 7050 kHz with sked
times at 0100 and 2030 UTC.

73 de Julian, VK2YJS
julian@zeta.org.au

669. Re: Regency Microcom U-15: need info

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: "Michael D.Pendley" <michael.pendley@sematech.org>
Message-ID: <320AA011.6D8B@sematech.org>
Source record: 219244
Cross-posted to: rec.radio.amateur.misc,alt.ham-radio.vhf-uhf

Bob Dengler wrote:
>
> I have the above radio recrystaled to my 440 repeater system. The problem is
> the TX oscillator drifts a lot with temperature. When applying heat/cold
> to the crystal itself, the freq. is fairly stable. I can't seem to locate any
> 1 capacitor or transistor that is causing the drift. The freq. is set with a
> ferrite core coil rather than a trimcap, but I don't think that's the problem
> since the RX oscillator is tuned the same way & it doesn't have the drift
> problem.
>
> Anyone have contact info for Regency or happen to have the schematic for this
> radio?
>
> Bob NO6B (KE6TZF)Bob,
I have a book on the U-15 series. Send me your FAX number or address
and I will send you a copy. I may have some notes as well, I will look.
Good Luck,
73's
Michael
WA5VTV

670. Re: test...

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: steve <kd6fyk@wco.com>
Message-ID: <320ABC59.5B2D@wco.com>
Source record: 219245

Jeffrey Herman wrote:
>
> Steven Sampson <Steven_Sampson@msn.com> wrote:
> >Position: 34.431415 Deg. North Latitude
> > -119.698060 Deg. West Longitude
>
> I've never seen longitude given as a negative measurement. Are we to
> interpret negative west longitude as actually being east? That would
> place him along the east coast of China, close to Nanjing.
> KH2PZ

programs like logsat use negative for south and west.

671. Western Connecticut Hamfest Sunday, 15 September 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: KD1YV <jimkd1yv@ix.netcom.com>
Message-ID: <320A9B16.9EA@ix.netcom.com>
Source record: 219246

THE WESTERN CONNECTICUT HAMFEST
Sponsored by the Candlewood Amateur Radio Association

Sunday, Sept. 15, 1996 0900-1400
Edmond Town Hall Route 6, Newtown, CT
Tables inside Tailgating outside
ARRL Sanctioned Handicapped Access
Door Prizes Ample Parking
Gourmet Fare Rain or shine

Talk-in 147.12/.72 PL 141.3

General admission $4.00 at the door (what a deal!)

Tailgating $6.00, inside table reservations $10.00 each, (both
include 1 admission), mail to:
Candlewood Amateur Radio Association, PO BOX 3441, Danbury CT 06813

For more info, phone (203) 790 7041 or (203) 438 6782.

Hope to see you all there.
73 de KD1YV
Jim

672. WWII Transceiver for sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: gianna@jhunix.hcf.jhu.edu
Message-ID: <4udb1e$jb7@news.jhu.edu>
Source record: 219247

I have a brand new WWII bomber radio for sale, It's a Bendix
TA-12b, with attached "Date of Manufacture" tag of 05/31/44. The di-
mensions are 16"w, 11"h, 11"d, Has a gray front panel, Serial #C1-797,
weight of 35 lbs - 4 oz, Input voltage of 25, It sits on a seperate
detachable shock mounted base (included) and has two chrome handles
on front panel for carrying. Also included is a remote control assembly.
The front panel of radio has a screw cap over the remote switching but-
ton that works with the remote assembly. All of the internal parts of
the radio are new. This has never been used. I believe this transceiver
was capable of over 4,000 different frequencies. It has the following
dials and knobs:
1 channel "selector" switch (4 positions)
4 channel "dial and lock" knobs
4 channel "Loading" knobs
1 female "IPAP" connector
1 female "PAP" connector
1 Dial "Amperes RF" antenna current (0 - 5)
1 Porcelin antenna connector
1 "REC" antenna connector
1 16 male pin connector on left rear

There are 4 locking straps on both sides of panel

I also have a machine gun turrent control assembly for sale.
Mfg by General Electric for the Glenn L Martin Co.
Model #2CGD 50 (cal) USC-3
24 Volts, has two red buttons on the two pistol grips
one is marked "M", the other "HS"
On the panel face is reset breakers for "Control"
"Gun" and "Booster" and a switch for "Both Guns" and
"Individual Guns" and also a swith with red hinged
cover marked "Gun Switch"

GE name plate reads "T-8601570-G-2"
"1693313- S"

ANY OFFERS ???????
Thankx

The radio can be seen at the following area

http://jhunix.hcf.jhu.edu/~gianna/bendix.html

The Machine gun turrent control assembly is at

http://jhunix.hcf.jhu.edu/~gianna/turrent.html

Thankx again

--
I was dreaming that I was awake, but I woke up and found myself asleep !
Stan Laurel from "Oliver the Eighth"

673. RE: A CQ Magazine BEEF or HAM!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4ud7r1$k5t@freenet-news.carleton.ca>
Source record: 219248

Steven Sampson (Steven_Sampson@msn.com) writes:
>>My understanding is that 73s derives from CW sending a series of 3s as in
>>7 of them. Hence 7 3s as opposed to seventy three.
>
> Well as usual, you're wrong. I'm right because I'm taking the ARRL's side.
> And they are a legal PAC with lawyers and everything.

Assssss usual, you're not giving usssssss an alternative. You're just
saying I'm wrong. As usual you're wrongssssss
--
(((((
0-0-,((
----.oO--O---Oo.------
| Frank Sved |

674. Re: world biggest secret almost lost

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4udckr$s3f@lehi.kuentos.guam.net>
Source record: 219249

vickir@pacific.net.sg (Michael) wrote:

>dg198@FreeNet.Carleton.CA (Frank Sved) wrote:

>>That's because the Japanese lost the war. Were the American/Canadian
>>Indians ever credited with anything? You lose, you lose everything.
>>--
>>73s Frank Sved, VE3GID

>U R really low life scum bag Frank...Geez.....U think
>Canadians need pat on head ?
>OK...calm down....nice DOGGY!
>HHHHHHHHHHHHHHHHEEEEEEEEEEEEEE

>LOSER LOSER.....FRANKS A LOSER
>Void where prohibited by FCC law!

Looks like things are sinking rapidly to a new all time low.
I think Mikey likes you Frank, he's following you around.

73, Jim KH2D

675. Re: CORRECTION - FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: Jake Brodsky <frussle@erols.com>
Message-ID: <320A7159.7682@erols.com>
Source record: 219250
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

It is worth pointing out that the FCC standards are from the NCRP and they represent a total exposure over a six minute period. As long as you are running HF sideband (or heaven forbid --even morse) your duty cycle is such that you will not be likely to get a continuous six minute exposure.

Remember that a sideband signal's average power is typically 1/4 of the PEP and that unless you are quite chatty (the FCC thinks we'll transmit and receive 50% of the time) you are unlikely to hit the limits of your exposure at 100 watts. So my Kenwood TS-50 will likely still meet the standards set by the FCC even though I typically run 100 watts. As for how I'm supposed to document this and where I'm supposed to file this report --that has yet to be determined.

73,
Jake Brodsky, mailto:frussle@erols.com
PP-ASEL-IA, Cessna Cardinal N30946, Based @ MD24
Amateur Radio Station AB3A
"Beware of the massive impossible!"

676. Icom service manual for IC 27H *Wanted*

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: jfox@pathcom.com
Message-ID: <4udicq$pt8@news.pathcom.com>
Source record: 219251

I am looking for a service manual for a Icom Ic 27H vhf rig.

If you have one for sale please send me a email.

Thanks Jim email jfox@pathcom.com

677. Re: JAMMERS ON 2 METER

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <Dvu8EM.70s@news.hawaii.edu>
Source record: 219252

Jim Kehler <pacrimgolf@kuentos.guam.net> wrote:
>Hey Jeff, I got an idea. What say we all get together on 20 meters and talk
>this frequency/channel thing over. How about tommorrow at 2300 GMT on
>20 meters, channel 42. Be there or be square.

I can't find channel 42 on any of my HF gear, Jim. I do see a ch 42 on
my TV set, though, but that's up around 641 Mc. This channel stuff is
really confusing.

>(high today 91, low last nite 91, ocean wet, no winds, humidity 102%)

I suppose the ocean is also 91. Yuck. With 102% humidity, your air is
supersaturated. Better not sneeze.

Oh, thought you might like to know: All our sewer outfalls are on the
south side of the island; the NE winds carry the affluent down to your
part of the Pacific. Don't go swimming.

Jeff KH2PZ / KH6

678. Re: FCC Ruling Prohibits Unreasonable Restrictions on TV Antennas

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: billsohl@planet.net
Message-ID: <4ubedc$san@jupiter.planet.net>
Source record: 219271
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwaverec.radio.amateur.misc

vbook@vbook.com (Ed Mitchell) wrote:

>***** Breaking News Story *****
>FCC Ruling Prohibits Unreasonable Restrictions on TV Antennas
>by Ham Radio Online, 7 August 1996

>In a major ruling, the FCC declared void local laws prohibiting
>or restricting the use of small wireless dish antennas.
>More significantly, the FCC declared that use of small dish
>antennas and television receiving antennas can not be restricted
>by "any private covenant, homeowners' association rule or similar
>restriction on property within the exclusive use or control of
>the antenna user". Under the federal pre-emption, all homeowners
>must be allowed to install TV antennas. Longer term this ruling may
>have important ramifications for eliminating restrictions on Amateur
>Radio antennas.

>The complete story is available at Ham Radio Online at:
>http://206.13.40.11/

Wow, do I have a couple of ideas for some QST articles
that begin with a title: How to build a (enter your
favorite band here) meter antenna that looks like a TV
antenna :-)

Bill Sohl K2UNK
ARRL Local Gov't Liaison, Mt. Olive Township, NJ

679. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <4ubf58$17si@usenetp1.news.prodigy.com>
Source record: 219272

..and I'm CERTAIN that all those illegal CB'ers who are running 1KW amps in their cars are going to run right out and comply with these new rules, right?

-Drew in Sunny Central Florida-
KF4DDM

680. Re: Burts wife was insulted

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: cunliffe@frontiernet.net
Message-ID: <4ubhp3$u5s@cheatum.frontiernet.net>
Source record: 219273
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Burt Fisher <k1oik@ccsnet.com> wrote:

>This is a multi-part message in MIME format.

>--------------7A8374C845AD
>Content-Type: text/plain; charset=us-ascii
>Content-Transfer-Encoding: 7bit

>John R. Cunliffe wrote:

>> >> >Cushcraft A3 Beam $300
>> >> I paid $$ 100 for mine
>>
>> >In what condition?
>>
>> In mint condition it was installed 1 year.
>> The ham got tired of the hobby and sold the station. He wanted to
>> build a observatory.

>You really got a steal. you are not inferring I should give the
>equipment away?
No Burt, you have to get what you want.

>
>> The rest IS very reasonable (I realy should get a spellchecker for
>> free Agent ;-)

>What of you think of the price below:

>--------------7A8374C845AD
>Content-Type: text/plain; charset=us-ascii; name="Sale3"
>Content-Transfer-Encoding: 7bit
>Content-Disposition: inline; filename="Sale3"

>Icom 2uAT with fast charger and three extra batteries and high gain whip
>rubber ducky. But the display does not work, one button is missing on
>the touchtone pad and the transmit button sticks, sometimes.

Its a fair price for someone who knows how to fix it.
the charger,batteries,and the antenna is worth this price.So hey I
would not buy it because I have all the toy's that I ever want.

John

==========
John R. Cunliffe N2NEP
cunliffe@frontiernet.net

http://www.frontiernet.net/~cunliffe

681. Kenwood TH-21AT Manual Needed

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: rekoss@ix.netcom.com
Message-ID: <4ubhj5$t75@dfw-ixnews10.ix.netcom.com>
Source record: 219274
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

If anyone has a copy of the manual for this radio and could see their way clear to sending me a copy of it I would be very grateful. Also, if anyone has or knows where I can get a belt clip for the radio, please contact me . E-Mail rekoss@ix.netcom.com. Thanx and 73 !

682. uniden 200xlt scanner for sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: omega5@ix.netcom.com
Message-ID: <4ublgp$860@dfw-ixnews9.ix.netcom.com>
Source record: 219275

UNIDEN 200XLT SCANNER

200 MEMORY CHANNELS
10 20 CHANNEL BANKS
FULLY MODIFIED FOR CELLULAR
25-950MHZ RECIEVE
AC ADAPTER
ANTENNA
BATTERY

NOTE: BATTERY CONNECTOR IS BROKEN BUT UNIT STILL WORKS
YOU CAN NOT REMOVE THE BATTERY.

ASKING $150 OR BEST OFFER

omeaga5@ix.netcom.com

683. Re: Fuck You Jim You Low Life

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: wa2ise@netcom.com
Message-ID: <wa2iseDvspI0.Lp6@netcom.com>
Source record: 219276
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

In article <4u968i$98o@news8.erols.com> sglass@pop.erols.com writes:
>matt@soundwave.com (Matt Brosious) wrote:
>
>
>>>Ralph R Crapia <rcrapia@earthlink.net> wrote:
>>>
>>>>Only if you mean it.
>>>>
>>>don't you mean there should be a colon between fuck you and asshole.
>>>oops, he meant to post this to another news group.
>>>
>
>>This thread illustrates why self-policing, licensed services such as the
>>amateur radio service are superior.
>
>>Matt N2NBT
>
>What world do you live in?!
>
>

What is this?! The '435 machine?!!! :-)

684. Re: Its OK to order pizza on 2m autopatch

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: vickir@pacific.net.sg
Message-ID: <4ubumq$9ud@raffles.technet.sg>
Source record: 219277

dg198@FreeNet.Carleton.CA (Frank Sved) wrote:

>> tell these pimps to fuck-off and get a real life. Any real Ham
>> wouldn't be on 2m FM anyway, that's the pimp band. Even more so,
>> with Packet (digital pimps).
>>
>> All the magazines went out of business due to their technical
>> orientation. I think anyone could make a killing by offering a
>> magazine that is oriented to pretend lawyers, and other rule
>> readers in Part 97 operations (the old Ham radio).

>why are you giving pimps a bad name? And seriously, did you think you'd
>make a point by this kind of criticism?
>73s Frank Sved, VE3GID

He made his point and I got it....GET A LIFE....low lifer
scum bag VE3GID!

685. Re: world biggest secret almost lost

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: vickir@pacific.net.sg
Message-ID: <4ubunh$9ui@raffles.technet.sg>
Source record: 219278

dg198@FreeNet.Carleton.CA (Frank Sved) wrote:

>That's because the Japanese lost the war. Were the American/Canadian
>Indians ever credited with anything? You lose, you lose everything.
>--
>73s Frank Sved, VE3GID

U R really low life scum bag Frank...Geez.....U think
Canadians need pat on head ?
OK...calm down....nice DOGGY!
HHHHHHHHHHHHHHHHEEEEEEEEEEEEEE

LOSER LOSER.....FRANKS A LOSER
Void where prohibited by FCC law!

686. Re: Radio Shack HTX-212 modification

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: vickir@pacific.net.sg
Message-ID: <4ubun0$9ug@raffles.technet.sg>
Source record: 219279

>Memory mode: Xmit 143.000 - 149.000 Mhz
> Recv 143.000 - 149.000 Mhz
>
>Note: To return to the default frequency ranges, you must
> reset the transceiver. Page 18

Now here U R again FRANKIE....given away SECRET SHIT.
Out of band transmitting and mods.....AGAINST THE LAW !!

FCC >>>>>TAKE THIS GUY BEHIND THE BARN !

687. In search of Kenwood TM-631 accessories

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: gritts@sound.net
Message-ID: <4ubn5o$aal@guitar.sound.net>
Source record: 219280
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.swap

Does anybody have the remote accessory for the Kenwood TM631 radio.
The Model number I believe is RS-10. If so I am interested in
purchasing one at a reasonable price. This would be a big help to
install the radio in my car.

TNX,

KB4BFR

gritts@sound.net

688. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: n1ist@netcom.com
Message-ID: <n1istDvssA6.q5@netcom.com>
Source record: 219281
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

In article <4uacqb$km3@mgate.arrl.org> Ed Hare <ehare@arrl.org> writes:
-The VAST majority of amateur stations are already in compliance with
-these rules.

Does it include those (MANY) of us who *CANT* put up a tower; who operate with apartment balcony antennas or wires attached to houses? I can just see all the city boards gleefully getting rid of ham radio with the "We won't allow a tall tower, and the FCC won't allow power with a low antenna" opinions. I guess it is time to dust off the HW-8.

We are trying to promote ham radio other than 2M thru repeaters, and now we get socked with this. Or will it be like all those 300 watt Italian stations...

/mike
(Does the negative gain from my windowsill-mounted hamstick reduce my 100W to a safe level :-)

--
\|/ Michael L. Ardai N1IST n1ist@netcom.com \|/
-*- === Boston Amateur Radio Club: http://www.barc.org/barc === -*-
/|\ or send "info barc-list" to listserv@netcom.com /|\

689. Re: Robert Sull 216 933 4582 Profane

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <4ubds9$1uj@dfw-ixnews9.ix.netcom.com>
Source record: 219282
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In <3209310D.1132@ccsnet.com> Burt Fisher <k1oik@ccsnet.com> writes:
>
>Bob Sull wrote:
>
>> burt would probably dry up and blow away like dogshit in the wind if
he
>> didn't get the attention he gets.--
>
>And you gave me more attention.
>Would you say the above face to face? 56 year old?
>Sull, Robert S...230 Moore Rd...Avon Lake, OH 44012-1226
>Phone: (216)933-4582

Perhaps 56 years old but pretty far away gutless Burt. Why do you
publish his phone number? So we can congratulate him for his astute
observation of the similarity between you and used Purina? Congrats Bob
I think you tweaked the Burtster. Sorry Burt no mach points for this
one.

With all due respect (none)
Jerry
>

690. Re: Thanks and Questions

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: mmedi13720@aol.com
Message-ID: <4uc2uc$ke2@newsbf02.news.aol.com>
Source record: 219283

In article <31FBAC39.7437@pla-net.net>, Stan Vandiver <kd9be@pla-net.net>
writes:

>> 2) After mid-August, I'll be in school, which means I'll be in a tiny
>> apartment where the landlord won't let me put up any major antennae. Is
it
>> possible to make a working HF antenna that would fit indoors, or at
least
>> be no bigger than the average TV antenna? I was thinking of something
>> along the lines of vertical 1/2 wave antennae, but with some pretty
>> serious loading coils at the bottom? Any precautions? Any better ideas?
>

>It is sometimes possible to use very slender wire and put out a dipole or

>end-fed wire from your balcony that would be nearly invisible. If lucky,
>you could leave it out if no one notices, or you could "throw it" out
when
>you want to operate and then reel it back in.

If I were just using a very slender wire, would the antenna still be safe
for transmission? The MF/HF transceiver that I'll most likely have access
to puts out 100W PEP, but I couldn't find a way to turn down the power,
and I don't exactly want to endanger the neighbors.

What would be the thinnest wire that I could safely use? (Also, would I
want copper, steel, aluminum, or some mixture for this kind of use? I was
thinking of using a copper-clad steel wire, but I was also thinking that
almost everyone else here has more experience)

>You might be surprised to find some landlords will allow you to put up
ham
>antennas, as long as you don't cause any permanent damage to the building

>(and don't cause RFI to other tenants!)... try asking them. I travelled
>around quite a bit when I was in the Air Force and got permission for my
>antennas at each place I lived. I always requested the top floors too so

>that the antennas were as high above ground as possible.
>
>Most of my operation used a vertical similar to your idea... the size was

>about a 1/4 wave on 20m (a little over 16 ft), and I used an alligator
clip
>to tap a large coil at different places to work other bands also. It
wasn't
>the greatest, but I still made contacts. I also used some wire antennas

>when I had ways to support them.

Next dumb question, then: How dangerous is RF exposure at medium and high frequencies (up to 30 mHz)? (Given the aforementioned 100 watts and the antenna is inside a 20'x20' room)

>If your rig doesn't have a built-in antenna tuner, it would be very good idea
>to buy (or build) one of those too when you pass your code test(s) and get
>ready to start transmitting. But for receiving only (W1AW or any)... you

>might even be able to just run a long random-length wire around the inside of
>your apartment. Be creative... many things will work!

Final newbie question: are there any guides to homebrew antenna tuners out there? (I suppose that there are, but what are they?)

Mike S. Medintz, |"Old madness reappears, fighting the bitter fear
| growing conspiracy, everyone's after me
| frayed edges of sanity, hear them calling me"
http://falcon.cc.ukans.edu/~medintz -Metallica

691. Re: Ham fest in Richmond, VA????

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: lhc007@aol.com
Message-ID: <4ubotn$eat@newsbf02.news.aol.com>
Source record: 219284

The Richmond Amatuer Telecommunications Society (RATS) holds their annual Hamfest around January. Its called Frostfest.

The Virginia Beach club holds two large ones each year and I believe the next one is in September. It usually gets listed in either 73, QST or some of the other magazines. These are some of the nicer ones in the area.

Lee
N9YFK

692. Your recommendation for an HT?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3209BA44.790C@ccsnet.com>
Source record: 219285
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

I want to buy an HT for 2m that has at least 20 memories,
covers the aircraft frequencies through 162 MHZ and is rugged
Suggestions?
--
#===============#===#| Burt Fisher |
Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | Mr. Happy should not be happy all the time. |
#===============#===#| k1oik@ccsnet.com
kotzebue@juno.com fisher@meol.mass.edu |
#===#

693. Re: Robert Sull 216 933 4582 Profane

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3209B939.103E@ccsnet.com>
Source record: 219286
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Gerald Schmitt wrote:

> Perhaps 56 years old but pretty far away gutless Burt. Why do you
> publish his phone number? So we can congratulate him for his astute
> observation of the similarity between you and used Purina? Congrats Bob
> I think you tweaked the Burtster. Sorry Burt no mach points for this
> one.

No ham can "tweak" me. Hams generally are are a non entity in my life.
They are fun for ME to tweak.
I show his phone number so he can have deserved recognition.
You still wishing for the return of Adolf and the boys?

```
#================#=========================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | Mr. Happy should not be happy all the time. |
#================#=========================================================#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#=============================================================================#
```

694. The boys

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3209B9AF.6D32@ccsnet.com>
Source record: 219287
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Someone tell me why they refer their ham friends as "the boys"
Since when is an old fat WHITE man or men a boy or boys?

```
================#=========================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | Mr. Happy should not be happy all the time. |
#================#=========================================================#| k1oik@ccsnet.com
kotzebue@juno.com fisher@meol.mass.edu |
#=====================================================================#
```

695. Re: Fuck You Jim You Low Life

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: billn@PEAK.ORG
Message-ID: <4uc1tc$2u7@bashir.peak.org>
Source record: 219288
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

LBRTY4US (lbrty4us@aol.com) wrote:
: In article <4u6g1p$2pi@bashir.peak.org>, billn@PEAK.ORG (Bill Nelson)
: writes:

: >Hardly. There is such profanity frequently used on the Ham bands, such as
: >80 meters, all the time. It seems that nothing is done about it by the
: >FCC - although usually the Hams even identify themselves with their
: calls.

: This is truly a shame; let's all become Socialists right away!

It is too bad that you decided to delete the statement to which I was
replying. By taking my comment out of context, you render it meaningless.
In other words, your reply is irrelevant.

Personally, the profanity does not bother me. I just ignore it, and tune
elsewhere.

Bill

696. 5BTV antenna for sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: mandm@hooked.net
Message-ID: <4ucgf5$r70@its.hooked.net>
Source record: 219289

Only $150.00, but you need to help me take it down.
It's in San Francisco. Please email me at:
mandm@hooked.net
matt
ke6czm

697. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: Bob Lewis <rlewis@staffnet.com>
Message-ID: <3209C9E0.381E@staffnet.com>
Source record: 219290

Steve - KF2TI, NJ wrote:
>
> > dpm3@seanet.com (Dan Morisseau) writes:
> > In article vbook@vbook.com (Ed Mitchell) writes:
> >
> > :>The FCC has issued new rules regarding the evaluation of RF Emissions and
> > :>health effects from all transmitters. As always, the devil is in the details
> > :>and the details say that if you transmit over 50 watts, you may have
> > :>to perform an RF emissions environmental assessment of your Amateur station.
> >
> > Thanks, Bill! Thanks, Hillary!, Thanks, (the late) Ron Brown! Thanks,
> > Daschle and Gephardt! Thanks psuedo-science enviro-hystricals! You gotta love
> > it don't you, folks?
> >
> > ==========
> > "I distrust a close-mouthed man. He generally picks the wrong time
> > to talk and says the wrong things. Talking is something you can't do
> > judiciously unless you keep in practice"
> > - Casper Gutman, The Maltese Falcon
> > ==========
>
> twasn't them..the republicants run the FCC and make the rules. BTW the new Dole plan calls fror substantial fee's
> for ALL radio spectrum users as part of his plan for his VOODOO economic policy to pay for this
> cockamamee tax cut (cuts with no corresponding spending cuts dolooar for dollar)
>
> ... I imagine that we as a group are affected as well. Burt's probably in hog heaven
> on this one. Those darn republicants. Boy, ya gotta love them.
>
> Just one more of the tax and tax government people.
> Ya know how to reduce big government??? fire em ALL and start fresh
>
> steve

Perhaps a few, but it is (at this point) primarily a matter of
certifying that you read and understand the rules. Check out
http://www.arrl.org/news/rfsafety/ for the latest info and links to the
FCC documents.

698. Re: Your recommendation for an HT?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: cgreenha@magnus.acs.ohio-state.edu
Message-ID: <cgreenha.573.3209D306@magnus.acs.ohio-state.edu>
Source record: 219291
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <3209BA44.790C@ccsnet.com> Burt Fisher <k1oik@ccsnet.com> writes:

>I want to buy an HT for 2m that has at least 20 memories,
>covers the aircraft frequencies through 162 MHZ and is rugged
>Suggestions?
>--
>#===============#===#| Burt
>Fisher | Teacher of video, broadcasting and electronics |
>| Amateur call | South Dennis, Ma. (Cape Cod) |
>| K1OIK | Mr. Happy should not be happy all the time. |
>#===============#===#|
>k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
>#===#

Hello Burt.

Just one question...

Do you truely expect help/input from the people in this group, or is this some
kind of bait?

Take care.

Christopher K. Greenhalgh, N8WCT
Computer/Electronic Tech. II at The Ohio State University
E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

699. Re: Channels vs. Frequencies

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4uclkf$ohn@lehi.kuentos.guam.net>
Source record: 219292

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>Communications channels may be numbered for convienence of reference,
>or they may be named, or neither depending on the context of the
>usage of the term. Nothing intrinsic about a communications channel
>requires it to be either numbered or named. Like the spectrum, it
>simply exists when we attempt to impress intelligence on a carrier.

>Gary
>--
>Gary Coffman KE4ZV | You make it, | Due to provider problems
>Destructive Testing Systems | we break it. | with previous uucp addresses
>534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
>Lawrenceville, GA 30244 | |

Gary,
Jeff and I have a sked tommorrow on 20 meters to talk this over.
Channel 42 at 2300z. Be there or be square.

73, Jim KH2D

700. Ham Radio Stuff for Sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: "Stuart R. Crawford" <crawfors@cuug.ab.ca>
Message-ID: <3209E857.6F1B@cuug.ab.ca>
Source record: 219293
Cross-posted to: rec.radio.amateur.misc,rec.radio.swap,calgary.general,can.forsale,cuug.marketplace,ab.general,bc.general

Hi there here is a list of equipment for sale:

1 - Morse Code Key $10.00
2 - 2 small power supplies - $5.00 each
3 - Vectronic VCI Antenna tuner - $250.00
4 - IPARN Manual (1994) - $5.00
5 - Canadian Advanced Study Guide - $5.00
6 - Beyond the Line of Sight Book - $5.00
7 - HF Vertical Antenna - $40.00
8 - 2m Colinear Vertical Antenna - $20.00

For more information contact Stu at
SRCrawford@aol.com or phone (403) 247-1063

701. Re: "GMRS Personal Radio?" What is that?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: Steve Bramham <steve.bramham@turner.com>
Message-ID: <3209E1D0.2A63@turner.com>
Source record: 219294

Gary Barnes wrote:
>
> GMRS="General Mobile Radio Service" It was a set of frequencies in the
> UHF band set aside by the FCC to allow MOM&POP to use two way radios
> for personal use...not business. There are limitations on power for
> mobiles and control stations. The repeater owner may only charge users
> what it costs to maintain the repeater...no profit. Mobiles are
> limited to 7 watts and I believe 2 watts on bases..not too sure on the
> last part though.

Not quite right.....Power in the GMRS is 50-watts. Repeater, mobile, base.

The GMRS service allowed both personal and business communications at first.

A few years ago existing business use was grandfathered in provided there were NO changes in status, ie. change number of mobiles, change station location, etc. Any change would trigger and denial of license renewal.

There is nothing in the rules to prevent changing whatever you want to use your repeater system. I know, I use to run two GMRS repeaters and we would charge from as low as $25.00 per month for mom and pop, to up to $200.00 per month for business use. We did make a profit on repeater useage.

702. Wilson 2M mobile antenna. . .

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: Alexander Parkinson <alpark@freenet.mb.ca>
Message-ID: <Pine.SOL.3.91.960808072717.5958A-100000@winnie.freenet.mb.ca>
Source record: 219295

Hi

Looking for information on Wilson 2M antenna. My understanding
Wilson produced antennas for 10 and 11 meter band only, recently
introduced a 5/8 mag mount for Amateur use. Anybody have experience
and comments on performance?

73

Alexander VE4APN - a Macintosh TCP/IP station
SP VE4APN @ VE4KV.#WPG.MB.CAN.NOAM
e-mail: ve4apn@ve4ip.ampr.org
or: alpark@freenet.mb.ca

703. RE: A CQ Magazine BEEF or HAM!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: Steven_Sampson@msn.com
Message-ID: <00001fef+0000497a@msn.com>
Source record: 219296

>My understanding is that 73s derives from CW sending a series of 3s as in
>7 of them. Hence 7 3s as opposed to seventy three.

Well as usual, you're wrong. I'm right because I'm taking the ARRL's side.
And they are a legal PAC with lawyers and everything.

704. FFT ANALYZER INFO NEEDED

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: viny Coppola <76103.723@CompuServe.COM>
Message-ID: <4ucq72peo2@mhafc.production.compuserve.com>
Source record: 219297

Need an FFT analyzer program that runs on a PC/soundcard that will not average and entire waveform, but allow the observance of the spectra of a part of the waveform. Does anybody know if such software exists as shareware or commercially ?

Thanks beforehand

Viny Coppola N1VC

705. Re: What is 10-10 International???

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4ud2g1$qe6@lehi.kuentos.guam.net>
Source record: 219298

"K.S. Wright" <wrightks@ops195.lmsc.lockheed.com> wrote:

>Hi all! I've just received my Ham ticket as a Tech+ and noticed great
>skip window on 10m from CA to UT, NM and later in the day to WA.
>Several stations were calling out 10-10 numbers. Could someone tell me
>what that's all about???

Congratulations on the new license, Scott. 10-10 is an organization
that was formed to help keep ten meters 'used'. During the downstroke
(now) of a sunspot cycle, not at many people use the higher bands.
Anyway, you can join 10-10 by working 10 people and collecting their
numbers. 10-10 will give you a number when you join. Somebody
else will have to tell you where to sign up.... There are also a bunch of
different 'chapters' of 10-10 international and they pass out individual
awards. Next time you hear somebody on 10 who has a number,
ask him for the address to send in and get your own.

73, Jim KH2D

706. Re: dl5NAZI

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: Beavis
Message-ID: <3209D86E.717A@sullivan.vf.mmc.com>
Source record: 219299
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Burt: get your facts straight before you run-off at the keyboard.
Rizzo was long dead when MOVE happened. You sound like one of the
14.313 gang (KV4FZ, et. al) Or maybe even W2NSD!
Jack

707. Re: Your recommendation for an HT?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: timh@xetron.com
Message-ID: <DvtpA8.4CG@xetron.com>
Source record: 219300
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Hunh.....
When did the aircraft frequencies extend through 162MHz???
Maybe a modified aircraft radio could extend its frequencies
through 162MHz and should be rugged.

In article <3209BA44.790C@ccsnet.com>, k1oik@ccsnet.com says...
>
>I want to buy an HT for 2m that has at least 20 memories,
>covers the aircraft frequencies through 162 MHZ and is rugged
>Suggestions?
>--
>#===============#===#|
Burt Fisher | Teacher of video, broadcasting and electronics |
>| Amateur call | South Dennis, Ma. (Cape Cod) |
>| K1OIK | Mr. Happy should not be happy all the time. |
>#===============#===#|
k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
>#===#

--
Timothy W. Huster
http://www.xetron.com/~timh timh@xetron.com
kb8bnk@kc8tw.#cin.oh.usa.na
"...and Dad! I like Putt-Putt! I got a One on that Hole!" Andrew H. age 4

708. Where & When is the fall Hamfest which is nr Rochester NY

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: Bill Kirkland <kirkland@nortel.com>
Message-ID: <3209FCDB.41C67EA6@nortel.com>
Source record: 219301

Where and when is the fall Hamfest which is near Rochester NY, i.e.
the companion hamfest to the Rochester Hamfest.

Bill Kirkland
VE3JHU

709. Re: Crystal Control

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-08 00:00:00 UTC
From: dickmac@dimensional.com
Message-ID: <320a0d4b.88472473@news.dimensional.com>
Source record: 219302

On 28 Jul 1996 23:46:28 GMT, "Gary Coombs" <gary@netsystems.com> wrote:

>Anyone remember the year Novice Class operators got to start using crystal
>control?
>
>Gary, K9IDU
>(Who remembers being a novice in 1957 and that's all we had!)

I believe it was in 1951, the year I got mine (WN1UGN).

Dick MacDonald

710. Re: .435 repeater in L.A. homepage? Where?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: "Charles P. Hobbs" <transit@primenet.com>
Message-ID: <4uh1t5$ffk@nnrp1.news.primenet.com>
Source record: 219103

wa2ise@netcom.com (Robert Casey) wrote:
>In article <4u119p$d47@news2.h1.usa.pipeline.com> scott9@usa.pipeline.com(Scott) writes:
>>On Aug 03, 1996 15:19:43 in article <.435 repeater in L.A. homepage?
>>Where?>, 'csupak <csupak@ucla.edu>' wrote:
>>>I've been told that the 147.435 2M repeater in Los Angeles has a
>>>homepage, of sorts, and I'd like the URL if anyone knows it, please.
>>>
>>147.435? Damn! That's the most messed up repeater in all of L.A. area. I
>>listened to it once and all they do is sear, threaten, talk gay (i don't
>>mean happy), and talk about sex!
>>
>>It's sleeze!
>>
>I'm still a bit puzzled why the FCC (evne with their limited resources)
>haven't jumped on this mess. If I was the owner/trustee, I'd probably
>convert this machine to high speed packet use only.
>
>At the hamfest, someone said this machine is like a "Roach Hotel", that
>the roaches would scatter and contaminate the other machines if shut
>down. I don't think I necessarly buy this arguement....
>

About a year or two ago, this machine was down, and I did hear a few
of its "members" on other machines. Most acted o.k., but a couple
were up to their old tricks (jamming, etc.)

>I use profanity as much as the next guy, but not on the air.

711. Re: how can I broadcast on FM radio?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: kd1nr@anomaly.ideamation.com
Message-ID: <4ugspd$qct@anomaly.ideamation.com>
Source record: 219104
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,rec.radio.amateur.misc

In article <01bb85b0$252d88a0$195c09ce@chris>,
Chris Davis <cdavis@ptel.net> wrote:
>Robert,
>
>It may sound fun (when I was in college, we tried to do the same thing, but
>were unsuccessful, luckily.) If you do succeed, you WILL most likely be
>caught, unless you are in an area with almost no radio stations. As an
>assistant engineer at an FM station with several translators, we regularly
>monitor the band with a spectrum analyzer and would most likely find a
>'pirate' station within a few days of it's debut. I'm sure you've read the
>posts from others outlining the fines.

Hmmmm.. why do you look at the whole band?
>
>Radio is an appealing hobby. I'm sure your intent is not to break the law.
> Why not go about it through the existing channels? If your desire is to
>communicate, try amateur radio, it's lots of fun! If your goal is to get
>your music 'on the air', seek out a local college or technical school radio
>station. I'm involved in both amateur radio and broadcast radio, a
>rewarding hobby and career. Good luck!

The problem is that the FCC and big business have a virtual lock on all
RF spectrum. For example - to setup a small radio station is beyond the
fiscal abilities of most people and communities because the big guys
suck up spectrum. The perfect example of that is WDGE here in Providence
that broadcasts on both 99.7 and 100.3 which is a complete waste of
spectrum.

BTW - Christian Radio? Like there aren't enough churches and bible thumpers
around?

Tony (Who remembers that Christians are responsible for the best and
bloodiest of wars.)

--
== Tony Pelliccio, KD1NR
== As offensive as I wanna be.
== kd1nr@anomaly.ideamation.com

712. Re: Looking for VEC in Oregon

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: AC6V <AC6V@ix.netcom.com>
Message-ID: <320C0141.1C81@ix.netcom.com>
Source record: 219105

JHende wrote:
>
> I foolishly let my license expire several years ago and now need to
> retest. Any help with where and when the state of Or would be appreciated
>
> Thanks
> JHenderson

Howdy JH

For VECs and Exam Skeds, go to the ARRL page at:

http://www.arrl.org/

Click on exams or goto URL:

http://www.arrl.org/exams.html

This will give the info you want.

I will E-Mail you the list in case u don't have WWW capability.

Good Luck & 73
From Rod in San Diego
--
Hark for I have hurled my words to the far reaches of the earth!
What King of old could do thus??
..... AC6V

713. Ham Fest in L.A. or Vegas in September??

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: Bob Perks <bob@bobshack.demon.co.uk>
Message-ID: <VAdRqBAcVnCyEwy4@bobshack.demon.co.uk>
Source record: 219106

Greets all.

Does anybody know of any Ham Fest's in or around Los Angeles or Las Vegas in early September??

I don't mind travelling 100 miles or so.

Any help appreciated, thanks.

73 Bob

==========
"Welcome to the Incontinence Line..... Please Hold..."
Best Regards..... Bob G0LBQ - N6XDI
Email bob@bobshack.demon.co.uk
Amateur Packet Radio - G0LBQ @ G0LBQ.GB7SOL.#29.GBR.EU
FIDONET - 2:2500/179.27
==========

714. Re: Radio Shack HTX-212 modification

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4uftqf$ii4@freenet-news.carleton.ca>
Source record: 219107

Don't take this guy too seriously, jrw4, his anurism burst a long time ago.

"JRW4" (jrw4@ix.netcom.com) writes:
> Technically, out of band MODS *aren't* against the law. TRANSMITTING on a
> radio frequency for which you aren't licensed, or TRANSMITTING with non
> type accepted equipment outside the amateur bands is another thing,
> however.
>
> --
> -jrw4
>
> Make money on the Internet
> by saving others money (and yourself!)
> Enroll online for FREE! In fact, we pay you!
> http://www.freedomstarr.com/WA9431673.rep
>
> Michael <vickir@pacific.net.sg> wrote in article
> <4ubun0$9ug@raffles.technet.sg>...
>
> =snip=
>
>>
>> Now here U R again FRANKIE....given away SECRET SHIT.
>> Out of band transmitting and mods.....AGAINST THE LAW !!
>>
>>
>>
>> FCC >>>>>TAKE THIS GUY BEHIND THE BARN !
>>
>>
>>

--
(((((
0-0-,((
----.oO--O---Oo.------
| Frank Sved |

715. Lightning Protection

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: Harry Clinton <ni4p1@hcc-uky.campus.mci.net>
Message-ID: <320B74AA.3898@hcc-uky.campus.mci.net>
Source record: 219108

Lightning protection info for towers, masts...email postal address you would like info sent.

716. Re: r.r.a.misc (FLAME BAIT)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: patrick_tatro@stortek.com
Message-ID: <4ufc2v$9ak_001@stortek.com>
Source record: 219109

>From: kuzen001@acpub.duke.edu (Ken Kuzenski)
>Newsgroups: rec.radio.amateur.misc
>Subject: r.r.a.misc
>Date: 7 Aug 1996 13:39:12 GMT
>Organization: Duke University, Durham, NC, USA
>Lines: 9
>Message-ID: <4ua6a0$lki@newsgate.duke.edu>
>NNTP-Posting-Host: bio5.acpub.duke.edu
>X-Newsreader: TIN [version 1.2 PL2]
>Status: N
>
>
>I'm out of here. Been reading for a few weeks,
but
>about 90% of the msg traffic here is morons
flaming
>each other. Bad cess to all of you.
>
>The GOOD thing is, you sorry jerks are here and
not
>active on the air. Thank goodness for that.
>

Ken is another Burt wanabe but he doesn't have a
ham license.

717. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: dpm3@seanet.com
Message-ID: <dpm3.1207.00225B14@seanet.com>
Source record: 219110
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

In article domonkos@access5.digex.net (Andy Domonkos) writes:

>I wouldn't sweat it guys. How friggin enforceable is this kin d of crap.
>Look/listen around.

The problem is, Andy, is that it gives your hysterical neighbor, the do-gooders in your city planning department lawyers for some "Public Interest Research Group" and other associated crazies a "hook" to use in starting litigation. Just wait until they demand to see your EIS and then threaten to challenge its sufficiency in court unless you agree to comply with their conditions, including th right to audit. Complaints of non-compliance are almost sure to follow when they hear any interference on their cheap no type-accepted TV they boaugh at Uncle Sam's Barain Barn. It opens Pandora's Box and that spells trouble for anyone with a hobby these anti-technolgy Luddites don't share or understand.

==========
"I distrust a close-mouthed man. He generally picks the wrong time
to talk and says the wrong things. Talking is something you can't do
judiciously unless you keep in practice"
- Casper Gutman, The Maltese Falcon
==========

718. Re: how can I broadcast on FM radio?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <4uftuh$p4k@usenetp1.news.prodigy.com>
Source record: 219111

> As an
>assistant engineer at an FM station with several translators, we
regularly
>monitor the band with a spectrum analyzer and would most likely find a
>'pirate' station within a few days of it's debut.

Which brings up something else that I've often wondered...

Why is it that these religious stations can own and operate a seemingly endless number of low-powered FM translators? In many cases, these translators are relaying distant programming received via satellite, not merely filling in coverage "holes" of a local station (as is the required use of translators for commercial stations.)

But yet, if an individual were to construct a similar low-powered FM station, for the purposes of broadcasting original, non-commercial programming to a community, the station is then an illegal "pirate" operation to be found and removed from the airwaves.

What's wrong with this picture?

-Drew in Sunny Central Florida-
KF4DDM

719. This Week in Amateur Radio #176 (for air through 8/16/96)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: "Stephan M. Anderman" <sanderman@delphi.com>
Message-ID: <5xFSg7c.sanderman@delphi.com>
Source record: 219112

```
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_/ _/ _/ _/ _/ _/ _/ _/
_/ his _/ _/ _/ eek _/ n _/_/_/_/ mateur _/_/_/_/ adio
_/ _/_/ _/_/ _/ _/ _/ _/ _/
_/ _/ _/ _/_/_/ _/ _/ _/ _/
-
Here is a summary of news items covered on edition #176 of
"This Week in Amateur Radio", North America's satellite-delivered
audio bulletin service, for the week ending 16-Aug:
-
1. FCC Adopts New RF Safety Standards for Amateurs
2. Commission Division Chief Honored for Distinguished Service
3. President Appoints New FCC Commissioner, Replaces Barrett
4. "Gateway 160 Meter Net Report" with Vern Jackson, WA0RCR
5. Special Event Station Calendar
6. Ham Radio Forum on MSN (Microsoft Network) Revived
7. Philadelphia's Franklin Institute Station Gets New Call Sign
8. OMIK Elects New Officers at 44th Annual Convention
9. Weekly Propagation Forecast
10. "The RAIN Dial-up" from Chicago
11. Thomas J. Kirby, W1EJ, NH State Senator, Avid VHFer, SK
12. Gioia Marconi Braga, Daughter of Inventor, Dies at 80 in NYC
-
Funding for the program's transmission and production expense was
provided this week by a grant from the Stoddard Family of
North Webster, Indiana, and users of the N9SBH repeater system,
where "This Week in Amateur Radio" is heard in Elkhart, Warsaw, and
Ft. Wayne on 224.16 and 146.505 MHz.
-
"This Week in Amateur Radio" is a weekly amateur voice bulletin
service, produced by Community Video Associates, Inc., a New York
State not-for-profit corporation based in Albany, NY. The program
is heard on the "W0KIE Satellite Network" each Saturday at 9:00 PM
(EDT) on the Hughes Communications SBS-6 commercial communications
satellite, transponder 13B upper, located at 74 degrees west
longitude in equatorial geosynchronous orbit. The transponder
center frequency is 12.019 GHz; tune up in frequency to 12.031 GHz.
Program audio is on the 6.2 MHz analog subcarrier and carried on
VHF/UHF repeaters throughout North America and on 160 meters at 1860
kHz. Contact your local amateur radio club or repeater operator if
"This Week in Amateur Radio" is not being heard in your area.
-
Production and transmission expenses are underwritten by donations
from repeater operators, amateur radio clubs, and individuals.
```

Further information is available from George Bowen, N2LQS, at 518/283-3665 (email kxkvi@delphi.com) or Stephan Anderman, WA3RKB, at 518/664-6809 (email sanderman@delphi.com). You may also reach them @ WA2UMX.FN32AW.ENY.NY.USA.NA via amateur packet.

720. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: mikef@pacifier.com
Message-ID: <4ug82a$n70@news.pacifier.com>
Source record: 219113

If use of 2-meter HTs with rubber-ducks held close to the face is so
hazardous (i.e., injurious to eye tissue), how come we haven't seen an
avalanche of newly-blinded hams during the last twenty-five years?
--
Mike Freeman | Internet: mikef@pacifier.com
Amateur radio: K7UIJ | GEnie: M.Freeman11
/* PGP2.6.2 PUBLIC KEY available via finger or PGP key server */
.. Ask not for whom the <^G> tolls.

721. Re: Your recommendation for an HT?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <320BCFCA.6EDF@ccsnet.com>
Source record: 219114
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Tim Huster wrote:
>
> But, considering your posts of the past and the way your question was asked
> this time, and judging from your attitude in responding to other's posts.
> I doubt you will get anything useful.
> Good Luck.

I received help.
It did not take much intelligence for readers to understand the
question.
Sorry you had so much trouble

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#================#===#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#===#

722. Re: MSYS

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: mmedi13720@aol.com
Message-ID: <4uh0mr$3ij@newsbf02.news.aol.com>
Source record: 219115

In article <4uba5v$6m5@dfw-ixnews4.ix.netcom.com>, mike_j@ix.netcom.com(
Michael P. ('Jug') Jogoleff, WA6MBZ) writes:

>I am afraid Packet radio will be stuck in the text mode not because of
>the BBS software, either in DOS or in Windows 95, but because the
>bandwidth of packet barely carries text traffic, as it is, at 1200 or
>9600 baud.
>
I know that this is going to sound like a newbie remark, but could you
UUEncode whatever binary you're sending over packet? After all, uue is not
"intended to obscure the meaning of the message."

Just a thought

Mike S. Medintz, |"Old madness reappears, fighting the bitter fear
| growing conspiracy, everyone's after me
| frayed edges of sanity, hear them calling me"
http://falcon.cc.ukans.edu/~medintz -Metallica

723. No takers The Burt challenge.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <320BCF2B.79A1@ccsnet.com>
Source record: 219116

```
Alan Larson wrote:
>
> But, Bert, you posted an advertisement a couple of months ago
> that there was nothing interesting on, and you were selling your
> gear.
>
> If you were telling the truth then, how does this relate to your
> current claims?

My gear is still for sale.
I claim that hams will not engage me L I V E when they are open to
all listeners.

#================#=========================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | Mr. Happy should not be happy all the time. |
#================#=========================================================#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#=====================================================================#
```

724. Crystal supplier

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: gbath@up.net
Message-ID: <4ufpt0$jtn@btc1.up.net>
Source record: 219117

Does anyone have a phone number for International Crystal, or other supplier who could make me a crystal for my old Collins 32s-3b S-Line xmitter?

725. Re: how can I broadcast on FM radio?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: anthonys@ix.netcom.com
Message-ID: <4ugc42$i2b@sjx-ixn4.ix.netcom.com>
Source record: 219118

In <4uftuh$p4k@usenetp1.news.prodigy.com> VUBS79A@prodigy.com (Drew Durigan) writes:

>
>> As an
>>assistant engineer at an FM station with several translators, we
>regularly
>>monitor the band with a spectrum analyzer and would most likely find
a
>>'pirate' station within a few days of it's debut.
>
>
>Which brings up something else that I've often wondered...
>
>Why is it that these religious stations can own and operate a
seemingly
>endless number of low-powered FM translators? In many cases, these
>translators are relaying distant programming received via satellite,
not
>merely filling in coverage "holes" of a local station (as is the
required
>use of translators for commercial stations.)
>
>But yet, if an individual were to construct a similar low-powered FM
>station, for the purposes of broadcasting original, non-commercial
>programming to a community, the station is then an illegal "pirate"
>operation to be found and removed from the airwaves.
>
>What's wrong with this picture?
>

It depends on perpective. As I understand it, any non-commercial station (ie: pbs affiliates, community owned and others) can do the same. Each one is appropriately licensed by the FCC and assigned call letters. IDs need only be made twice each day. There are many of these than we are aware of, especially in rural and mountain areas.

W6ANV

726. Re: NEW NEWS GROUP

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: johng@yakutat.net.com
Message-ID: <4ug61b$eat@unet.net.com>
Source record: 219119

In article <4u98pj$gfl@bashir.peak.org> billn@PEAK.ORG (Bill Nelson) writes:
>
>: That is why burt is in my kill file because of the dumb comments he has
>: made.
>
>Unfortunately, it is impossible to put all the people who respond to his
>baiting in the kill file as well.
>
>Bill
>

It is possible to kill all posts having to do with one user, however.

I use:

/<name>/a:j

This will search all articles for the occurance of <name> and junk
(mark as read) any articles found by the search.
--
John Gratton | johng@net.com
Hans Christian 33 "Nakia" | (415)780-5774

727. Re: test...

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <Dvw43s.A8p@news.hawaii.edu>
Source record: 219120

>Jeffrey Herman wrote:
>> Steven Sampson <Steven_Sampson@msn.com> wrote:
>> >Position: 34.431415 Deg. North Latitude
>> > -119.698060 Deg. West Longitude

>> I've never seen longitude given as a negative measurement. Are we to
>> interpret negative west longitude as actually being east? That would
>> place him along the east coast of China, close to Nanjing.

I should have place a "smiley" up there. I do know he's on the West Coast.

>programs like logsat use negative for south and west.

My navigation charts of the North Pacific don't have negative
longitude on them. Neither does the Nautical Alamanac.

I received my navigation training while serving in the US Coast Guard.
No mention of negative longitude was ever made in any of my classes.

Aren't the "North" and "West" in Steven's position above redundant?
If he's going to use +/- then N and W aren't necessary.

KH2PZ

728. NN3SI Smithsonian Birthday

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: Jack Reed <jackreed@mail.erols.com>
Message-ID: <4ue208$5i5@news5.erols.com>
Source record: 219156

Help celebrate the 150th Birthday of the Smithsonian Institue. NN3SI, the Amateur Radio Station at the National Museum of American History will conduct special operations 1400-2300 UTC, Saturday and Sunday, 10 and 11 August on or near 7250, 14250, 18150, and the 40 meter Novice band, as conditions permit.

729. ScanWare - End of FCC FRS

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: scanware@sincom.com
Message-ID: <320a949a.19683072@news.cais.com>
Source record: 219157
Cross-posted to: alt.radio.scanner,rec.radio.amateur.misc,rec.radio.scanner

In the fall of 1993 ScanWare Associates released version 1.1 of the FCC Frequency Retrieval System (FCC FRS). In the following months improvements and enhancements were made until the latest version, 2.15 was released in the summer of 1994. The program has proven to be so stable and user-friendly since that time that no further changes were deemed necessary. The FCC FRS as a DOS-based program has enjoyed exceptional popularity and has proven itself a valuable tool to over 1000 customers who have used and continue to use the program. Only twice in the entire history of the FCC FRS has ScanWare been asked to refund a purchase. It is believed that no other frequency retrieval program either DOS or Windows based can make that statement. Judging from user comments that we have received, no other retrieval system has ever produced the level of user satisfaction that ScanWare's FCC FRS has provided.

It is with much personal sadness that ScanWare Associates announces that on September 1st, 1996 we will no longer be accepting orders for the FCC FRS or any related products which we have offered in the past. Our most recent purchase of data includes the 1st QTR 1996 FCC Data. No further updates of data will be forthcoming from ScanWare. We will continue to honor any outstanding free database certificates however data provided will be limited to the current database on hand. Any certificates sent in for redemption must be accompanied by a check or money order in the amount of $5.00 to cover media, preparation, and shipping. Credit card payment will not be acceptable. Technical support of all ScanWare products will be limited only to any answers or solutions which can be provided via email. Replacement files may be provided via email at ScanWare's discretion but we make no claims or guarantees as to their continued availability.

The ScanWare Associates BBS will cease all operations at midnight on August 31st, 1996. The ScanWare Associates Web Page at URL:
http://sincom.com/~scanware/index.html
and the ScanWare Associates email address: scanware@sincom.com
will continue operation until such time as we consider their usefulness at an end.

ScanWare Associates wishes to thank all of our customers and friends who have supported our efforts. We hope that you will continue to use the FCC FRS as you have in the past and that you will continue to remain our friends. Although we will no longer be retailing the FCC Frequency Retrieval System and its related products, ScanWare Associates as an entity will continue to exist and we will continue to pursue activites in those areas of most interest to us. Perhaps in

the future we will meet again.

Sincerely,

Gene McAvoy, KG7XD
and
Matt Amis, AA7LP

ScanWare Associates
PO Box 1743
Silverdale, WA 98383-1743

730. Gaithersburg (MD) Hamfest

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: eab@VOA.GOV
Message-ID: <DvuJ73.EuM@VOA.GOV>
Source record: 219158

-- For immediate release --

FARFEST '96

The Foundation for Amateur Radio (FAR) will sponsor the 39th annual FARFEST amateur radio ham-fest and swap meet on Sunday, September 8, 1995, from 6:00 am until 3:00 pm at the Montgomery County Agricultural Center (Fairgrounds) in Gaithersburg, Maryland.

Over 100 commercial vendors and 1,000 freelance "tail-gaters" will offer a variety of amateur radio and other related equipment for sale to the public.

A display of antique radio equipment will be on view, and a Special Events amateur radio station will be on the air, making contacts with amateur radio operators, known as "hams," from around the world. The Special Events station will be using broadcast quality, amplitude modulation (AM) amateur radio equipment using the call sign W3PRL-AM.

Interested amateur radio operators can contact W3PRL-AM on either 3.870 MegaHertz (MHz), 75 meters shortwave; 1.950 MHz, 160 meters shortwave; 7.230 MHz, 40 meters shortwave, or; 14.230 MHz, 20-meters shortwave. W3PRL-AM operating times will be from Saturday, September 7 at 9:00 am EDT (1300 UTC) until Sunday, September 8 at 2:00 pm EDT (1800 UTC).

To get to FARFEST '96, take Maryland Interstate-270 to Exit 11 and follow the "HAMFEST" signs. Directions to FARFEST '96 will also be broadcast on amateur radio frequency 146.520 MHz.

Tickets for FARFEST '96 are $5.00 at the gate.

All proceeds go toward the more than 50 educational scholarships awarded annually by the Foundation for Amateur Radio.

--30--

731. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: mike_luther@ziplog.com
Message-ID: <4ue8qn$goo@news.myriad.net>
Source record: 219159
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

In <4uaq2n$d8i@mmlab15.mm>, pecampbe@mtu.edu (Paul E. Campbell) writes:
>Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
>: In article <4u7flm$mun@news.halcyon.com> gfiber@halcyon.com (Gary Fiber) writes:
>: >
>: >This could get real interesting. Since the article says the station location
>: >and all occupants are in a controlled enviroment. They consider neighbors and
>: >such to be uncontrolled. I wonder what will happen if a neoghbor comes down
>: >with some mysterious illness like cancer and notices he has been bombarded with
>: >electromagnetic radiation from your station all these years could he hold the
>: >operator liable because he had knowledge of the EPA guidelines of RF radiation
>: >?.
>:
>: Worse than that, Gary, the 50 watt exemption only applies to *amateurs*.
>: It does not apply to other classes of licensees. They've got to certify
>: compliance at *any* power level. Note that "push to talk" *radios* are
>: exempted from certification by their *manufacturers*, but *stations* using
>: such radios are not. The *licensee* is still responsible for seeing that
>: his station operates in compliance with 47 CFR 1.1307, 1.1311, and 1.1312.
>
>Worse than that, they didn't make an exemption for black body radiators.
>
>Those pesky cows sure do emit a lot of unlawful radiation, unintentional
>or not! To say nothing of the farmer and his wife...

To say nothing about the methane...

Mike @ W5WQN

732. Re: Where & When is the fall Hamfest which is nr Rochester NY

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: cunliffe@frontiernet.net
Message-ID: <4udvfv$p4g@cheatum.frontiernet.net>
Source record: 219160

Bill Kirkland <kirkland@nortel.com> wrote:

>Where and when is the fall Hamfest which is near Rochester NY, i.e.
>the companion hamfest to the Rochester Hamfest.

Do you think about the Batevia hamfest??
Your a few weeks to late.
John

==========
John R. Cunliffe N2NEP
cunliffe@frontiernet.net
http://www.frontiernet.net/~cunliffe

733. Re: JAMMERS ON 2 METER

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <4ue5r1$ola@cc.iu.net>
Source record: 219161

In <4ucl7i$ohn@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net (Jim Kehler) writes:
>20 meters, channel 42. Be there or be square.
>73, Jim KH2D

i haven't researched it, but if it's like some other channelized HF i've dealt with, the first bit of the channel number also implies the band..so the first 2 digits would be 14. i would guess that channel 14001 would translate to 14.200 MHz, 14002 would be 14.203, etc.

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

734. Re: The Burt challenge.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: larson@net.com
Message-ID: <4ueod6$1el@unet.net.com>
Source record: 219162

In article <320494BF.3ED6@juno.com> kotzebue@juno.com writes:
>I get a lot of comments online but do ANY of you
>have the guts to go LIVE with me on the air?
>
>I bet most of those that have a big mouth here
>and are quick with the name calling will not respond.
>NO guts.

But, Bert, you posted an advertisement a couple of months ago
that there was nothing interesting on, and you were selling your
gear.

If you were telling the truth then, how does this relate to your
current claims?

Alan

735. Re: Radio Shack HTX-212 modification

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: JRW4 <jrw4@ix.netcom.com>
Message-ID: <01bb85c8$da50c360$27441ecc@superbabe>
Source record: 219163
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

There's no mod to allow storage of non-amateur frequencies -- unless you call buying the HTX-242 a mod! This is the new version of the 212; it's generally the same, with just a few minor updates (the ability to store non-amateur frequencies, for example). How to tell which is which in the dark? The backlight of the 212 is green -- the 242 is amber.

--
-jrw4

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http://www.freedomstarr.com/WA9431673.rep

Roger Davis <rdavis@holli.com> wrote in article
<4u6fgr$2jc@holly.holli.com>...
> In article <DvJDC9.HDC@news.hawaii.edu>,
> jherman@Hawaii.Edu (Jeffrey Herman) wrote:
> >>> This can be re-enabled through a series of key presses:
> >>> it's in the manual, I believe.
> >
> >>Sure seems kind of lame to me that a company would sell a radio that
doesn't
> >>cover the entire band right out of the box. (I know Icom, Kenwood and
a few
> >>others did this with their OLD technology radios... Covered 2 MHz.) It
just
> >>isn't excusable these days.
> >>Of course, what could anyone expect? It's Radio Shack...
> >
> >Geez, now the appliance operators are complaining about having to push
> >a few buttons to get their radio working.
> >
> >Maybe RS did that on purpose just to insure you'd read the manual.
> >
> >KH2PZ
>
> This thread is full of references to key presses in the manual. My manual
has
> a heading about extending the transmit range with no instructions
afterword.
> It is followed by a table showing factory settings and a warning box
about
> performing the MARS/CAP modification. No magic key presses, though.

> There's only a short explanation on how to reset the radio by holding
down
> the F and T-SQL buttons while turing on the radio. Does anyone know the
secret
> key sequence? I'm actually more interested in storing out-of-band
frequencies
> in memory rather than the transmit mod.. The only hope I see is if there
is a
> software work-around through key sequences or something. Seems silly to
me why
> such a limitation exists if the hardware is already designed for wide
receive.
>
>
> Roger
> N9SXZ
>
>

736. Family Radio Service -- a list of FAQ's

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: Joe Fitter BV/N0IAT <FITR%mimi@magic.itg.ti.com>
Message-ID: <320BD66A.2705@magic.itg.ti.com>
Source record: 219164
Cross-posted to: rec.radio.amateur.misc,rec.radio.cb,

Found these FAQ's. Whoever maintains the FAQ
of the rec.radio newsgroups might want to add these:

1. What is the Family Radio Service (FRS)?

FRS is a private, two-way, very short-distance voice communications service
for facilitating family and group activities [95.401(b)].

2. Where did FRS come from?

Tandy Corporation's Radio Shack division proposed FRS to the FCC in 1994. The
FCC authorized FRS May 15, 1996.

3. Is FRS "UHF CB"?

FRS is one of two Citizens Band Radio Services. The other is the Citizens Band
Radio Service at 27 MHz.

FRS is the real (and the only) "UHF CB" in the United States.

The General Mobile Radio Service (GMRS) is often mistakenly described as "UHF
CB".

GMRS was formerly Class A Citizens Radio, never Citizens Band.

4. What are the FRS channels?

Channel (MHz)

1. 462.5625
2. 462.5875
3. 462.6125
4. 462.6375
5. 462.6625
6. 462.6875
7. 462.7125
8. 467.5625
9. 467.5875
10. 467.6125
11. 467.6375
12. 467.6625
13. 467.6875
14. 467.7125

5. Do I need a license to operate an FRS unit?

No license will be issued. You are already allowed to operate an FRS unit if
you are not a representative of a foreign government, and if your authority

to operate an FRS unit has not been withdrawn by the FCC, and if you comply with all FRS rules in Part 95, Subpart B-Family Radio Service (FRS).

6. Is my FRS radio an unlicensed Part 15 "intentional radiator" like a cordless phone?

No. It is a radio station in the Citizens Band Radio Service, "authorized by rule" under the Communications Act.

Unlike Part 15 intentional radiators, FRS users are subject to operator rules.

FRS manufacturers are subject to FRS technical standards found in Part 95.

7. May I use my FRS radio for business communications?

The FCC does not limit the types of communications FRS may provide, as long as they are not contrary to federal, state or local law.

The only comment regarding business use of FRS made by the FCC is: "Small businesses...may be users of this service in their business activities." (Report and Order, WT Docket No. 95-102, at 20(D).

8. May I use my FRS radio to communicate with a station in the General Mobile Radio Service (GMRS)?

We interpret the GMRS and FRS rules to permit GMRS-FRS intercommunication. Others do not. The FCC has not issued any formal rule interpretations on the subject. We consider it unlikely that the FCC would take issue with GMRS and FRS users talking to each other.

GMRS licensees are not permitted, however, to transmit using anything but a FCC-certified FRS radio on the 467 MHz FRS channels 8 through 14.

You may not use your FRS radio to communicate through GMRS repeaters, or on any of the GMRS primary channels, or any channels not already built into your FCC-certified FRS radio.

9. Must I identify my FRS station or transmissions?

The FCC does not require you to identify your station or transmissions.

10. May I set my FRS radios up as a repeater station?

The FRS Rules do not expressly bar FRS repeaters. The FCC said only that repeaters are "inconsistent with the type of communications FRS is designed to satisfy" (Notice of Proposed Rule Making, Docket No. 95-102, at footnote 28).

You would have to set your radios up as a repeater station without connecting anything to the FRS radio that was not FCC-certified as part of the radio.

Repeater controllers, external receivers etc. are unlikely to be FCC-certified as part of the FRS radio and so could not be connected to it.

11. May I connect an external antenna or power amplifier to my FRS radio?

You may not attach any antenna, power amplifier, or other apparatus to an FRS unit that has not been FCC certified as part of that FRS unit [95.194(c)].

12. May I connect my FRS radio to the telephone?

No FRS unit may be interconnected to the public switched [telephone] network [95.193(c)].

13. May I broadcast music over my FRS radio?

You may only use FRS to conduct two-way voice communications with another person [95.193(a)]. Only these types of one-way communications are permitted [95.193(a)]:

* To establish communications with another person (to call them);

* To send an emergency message. The FCC defines an "emergency message" as "concerning the immediate protection of property or the safety of someone's life";

* To provide "traveler assistance":

* To make a voice page;

* To conduct a brief test.

14. May I use my FRS radio to transmit one-way paging messages?

Yes, but only voice paging messages [95.193(a)]. You may not transmit "tone-only" pages (a tone-only page consists of tones communicated in order to find, summon or notify someone).

15. May I use my FRS radio to transmit data communications?

The FRS radio may only transmit tones to make contact or continue voice communications with a particular FRS unit. [95.193(b)].

16. May I operate my FRS radio anywhere?

You may operate your FRS radio in the United States and certain locations specified by the FCC [95.192].

If you want to use FRS aboard a vessel or aircraft owned or operated by a U.S. citizen or company, you will need permission from the captain (see 95.192(a)(1)).

However, the captain may not have authority to give you permission (for example, if FAA regulations forbid it).

17. May I transmit continuously over my FRS radio?

You may transmit only as long as you are conducting two-way voice communications with another person or transmitting lawful one-way communications as listed in question 13.

18. Must I listen to the FRS channel before I transmit?

You must share the channel with other users [95.191(b)].

There is no meaningful way to share the channel with others unless you listen before transmitting and wait until the channel is available before you transmit.

To listen to the channel, you must disable any tone squelch or other feature that can keep you from hearing other users.

Also, you must at all times and on all FRS channels, give priority to emergency messages [95.193(d)].

You would not be able to do this if you didn't listen for emergency messages.

19. Doesn't my radio monitor the channel before transmitting?

This is unlikely. The FCC does not require that radios do this by themselves.

20. How much does a FRS radio cost?

FRS radios are not yet available. We expect them to cost $100-200.

21. When can I get FRS radios?

Radio Shack has stated it will have radios on the market for Christmas 1996 or in the first quarter 1997.

73 from Joe

Amateur Radio: BV/N0IAT Taipei TAIWAN Republic of China

Taiwan Ham History: http://www.isite.net.tw/bv1al/e-hist.htm

mailto:joentam@transend.com.tw

ex. 7J1AOF (Japan) YU3/N0IAT (Slovenia) KA0ZDH (Novice)
Licensed Radio Amateur since 1986. Comments are mine only.
---

737. FS Ancient Computer

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: al evangelista <aevang@cris.com>
Message-ID: <320AE2DE.21A7@cris.com>
Source record: 219165

Far too clean for the landfill...Anyone interested in ancient computing gear (a vintage packet controller for use with your SX-28?)

TRS-80 III computer "48K RAM" w/dust cover, Floppy: Model III TRS DOS, Floppy: Sublogic T80-FS1 flight simulator, Floppy: Monty Plays Scrabble, TRS-80 Line Printer II w/dust cover.

Immaculate - looks like it spent the last 15 years under the dust cover. Computer boots up and games play, didnt try printer but it looks clean and even has a roll of paper and bracket gizmo of some sort.

cpomputer would also make a cool terrarium, aquarium, lamp, housing for your antenna tuner, etc.

$50 + shipping from 48603 (or trade for black wrinkle finish gear like arc-5, BC-221, TU-X-X, etc)

Al Evangelista KG8WU
aevang@cris.com
www.cris.com/~aevang

738. Re: Usenet problem

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: Bob Lewis <rlewis@staffnet.com>
Message-ID: <320B1EC4.2A9B@staffnet.com>
Source record: 219166

Phil Brown wrote:
>
> adamkern <adamkern@tiac.net> wrote:
>
> >I'm having trouble with this newsgroup all of a sudden. I'm using
> >Netscape for my browser, and all of a sudden, whenever I say "catch up
> >all articles," it won't do it.
> >adamkern@tiac.net
>
> Hi, Adam,
>
> One solution might be to use a different newsreader. You can download
> a free copy of Free Agent from the Forte website at www.forteinc.com
> I think you will find it a much more friendly and versatile
> newsreader.
> 73
>
> ==
> Phil Brown brown@auburn.campus.mci.net
> Amateur Radio N4COD
> Video Producer/Instructor
> www.tigerweb.com

I have had the same problem at times. The news server goes down and
when the provider reboots all the groups get renumbered starting at 1.
That means Netscape thinks you have already read them until the number
get back up to where it was. The solution is to edit a file in the
NETSCAPE/NEWS directory called NEWS.RC (or some other name.RC). The end
of each line contains the numbers read (i.e. 1-200). Just change all
the last numbers to 1-2 and you'll be back in business.

739. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: domonkos@access5.digex.net
Message-ID: <4uf8fk$o2a@news3.digex.net>
Source record: 219167
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

Screw it then, I'll sell my ham gear, buy me a 'big CB' out a kilowatt on it fire it up with an echo mic, noise toy on it ;-)

I wouldn't sweat it guys. How friggin enforceable is this kin d of crap. Look/listen around.

Andy

740. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: domonkos@access5.digex.net
Message-ID: <4uf8pm$o2a@news3.digex.net>
Source record: 219168
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

Peter A. Klein (pklein@news.seattleu.edu) wrote:
:
: I'm sure the ARRL, not to mention many commercial organizations, would
: raise quite a squawk if every user of a 50+ watt transmitter in the U.S.
: had to file Love Canal-style paperwork. This would involve every police
: and fire department in the country, for starters.
:
: 73,
: Peter - KD7MW

Exactly! What about hospitals (where one goes to get healed supposedly) and their 5 kilowatt ERP pager antennas? I'm serious, I've seen the specs required by some hospitals here in Md for their paging network. Not to mention commercial pagers.

Like the new bogus stricter vehicle emmissions laws, if you don't meet EPA requirement you have to pay waiver penalty (in Maryland, $150 for 2 years).

Sounds like another money-grubbing scam from Washington.

Andy N3LCW

741. Re: Radio Shack HTX-212 modification

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: JRW4 <jrw4@ix.netcom.com>
Message-ID: <01bb85c9$6aca8ac0$27441ecc@superbabe>
Source record: 219169

Technically, out of band MODS *aren't* against the law. TRANSMITTING on a radio frequency for which you aren't licensed, or TRANSMITTING with non type accepted equipment outside the amateur bands is another thing, however.

--
-jrw4

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Michael <vickir@pacific.net.sg> wrote in article
<4ubun0$9ug@raffles.technet.sg>...

=snip=

>
> Now here U R again FRANKIE....given away SECRET SHIT.
> Out of band transmitting and mods.....AGAINST THE LAW !!
>
>
>
> FCC >>>>>TAKE THIS GUY BEHIND THE BARN !
>
>
>

742. Re: Code above 11wpm

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: Thomas Foster <tlfoster@ix.netcom.com>
Message-ID: <320B5515.740C@ix.netcom.com>
Source record: 219170

wtpoe@ro.com wrote:
>
>
> >
> >Well, I have not been on the air with code yet. I used the Gordon West
> >Code Tapes and the tapes that taught me were from 0-6wpm and then another
> >set was from 6-14wpm. I'm stuck at 11wpm.
> >
> >Where can I get a copy of a good computer program that will help me out?
> >
> >KF6FCN
>
> Let me see if I can help you out. Goto Web Site:
>
> http://www.qrz.com
>
> You should find all kinds of Ham programs there. Click on FTP Servers
> and then Files. You'll get it when your there. I found some good CW
> programs there that have helped me out. The other guys are right. hear
> the sound of a character and listen to all kinds of forms of CW (Code
> Tapes, Computer Programs, HF Radio--I find the general CW band on 40
> meters and the 30 meter bands to be active more than others and good
> speed ranges) but the main thing is DON'T GIVE UP keep practicing and
> MAKE LOTS OF CW CONTACTS. It's good for your confidence.
>
> 73's
>
> W. T. Poe KF4CHZ
>
> wtpoe@ro.com

Try my new Morse Code program, International Morse Code Processor
(IMCPW311.ZIP), at

http://www.simtel.net/simtel.net/win3/ham.html

Below are its major features:

Morse code tutor for Windows 3.1 & Windows 95. Excellent for learning and
maintaining one's Morse code skills. Has code speed of 3-50 wpm and a
character speed of 3-50 wpm for Farnsworth code. Includes comprehensive
help facility, main menu and popup menu, and eleven code practice
lessons. Fully customizable from the Options menu. Sound card not
required. Requires 692K of free hard disk.

73,
Lindsay
WA4ISZ

743. Re: Your recommendation for an HT?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: timh@xetron.com
Message-ID: <DvvDvK.9uJ@xetron.com>
Source record: 219171
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Ah yes...
I see now...
Very Clearly as a matter of fact.
You wanted a suggestion for aradio that covers the aircraft frequencies
through 162 MHz.
Intellectually speaking, if I recall correctly, the aircraft frequencies
do not and have never extended thru 162MHz.
Now, If you would like to re-state your question to maybe,
Oh I don't know... let's try this:
Can anyone recommend an HT that covers the Air Band 110MHz - 137MHZ,
the 2M Amateur Band, and the VHF Public Service Band 150MHz - 173MHz.
Also, the HT should have the capability of being rugged and possibly wet-proof
and may even meet Mil-STD-810c for ruggedness.
I would also like the radio to be very portable and pocket-sized. A computer
interface capability would be nice as well as being able to operate directly
from 12Volts.
Then I imagine you would have received more viable answers.
But, considering your posts of the past and the way your question was asked
this time, and judging from your attitude in responding to other's posts.
I doubt you will get anything useful.
Good Luck.

In article <320A7A05.64A6@ccsnet.com>, k1oik@ccsnet.com says...
>
>Tim Huster wrote:
>>
>> Hunh.....
>> When did the aircraft frequencies extend through 162MHz???
>> Maybe a modified aircraft radio could extend its frequencies
>> through 162MHz and should be rugged.
>
>Anybody with intellect would not respond as you have.
>Read what I wrote.
>
>
>> >I want to buy an HT for 2m that has at least 20 memories,
>> >covers the aircraft frequencies through 162 MHZ and is rugged
>> >Suggestions?
>
>#===============#==#
>| Burt Fisher | Teacher of video, broadcasting and electronics |
>| Amateur call | South Dennis, Ma. (Cape Cod) |
>| K1OIK | Mr. Happy should not be happy all the time. |

>#================#==#
>| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
>#==#

--
Timothy W. Huster
http://www.xetron.com/~timh timh@xetron.com
kb8bnk@kc8tw.#cin.oh.usa.na
"...and Dad! I like Putt-Putt! I got a One on that Hole!" Andrew H. age 4

744. Re: OPINION on YAESU FT-10 NEEDED!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: Thomas Gasta <tomgasta@worldnet.att.net>
Message-ID: <4ufe68$lo7@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 219172
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Have an FT10 and FT40, used FT10 less than 1 hour since purchased at Dayton. I like the audio on both radios, features are great, out of band mod works great, and DPL works even better. I bought the FT10 because I bought the FT40 before Yaesu introduced the FT50, so I "needed" a VHF radio to go with the UHF. If your interested in Ham radio only, not stereo reception of FM stations, the price difference between an FT10 and a FT50 is something to look at very carefully.

Tom

745. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <4ufchm$net@news.halcyon.com>
Source record: 219173
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

n1ist@netcom.com (Michael L. Ardai) wrote:

>In article <4uacqb$km3@mgate.arrl.org> Ed Hare <ehare@arrl.org> writes:
>-The VAST majority of amateur stations are already in compliance with
>-these rules.

>Does it include those (MANY) of us who *CANT* put up a tower; who operate
>with apartment balcony antennas or wires attached to houses? I can just
>see all the city boards gleefully getting rid of ham radio with the
>"We won't allow a tall tower, and the FCC won't allow power with a low
>antenna" opinions. I guess it is time to dust off the HW-8.

>We are trying to promote ham radio other than 2M thru repeaters, and now
>we get socked with this. Or will it be like all those 300 watt Italian
>stations...

>/mike
>(Does the negative gain from my windowsill-mounted hamstick reduce my
>100W to a safe level :-)

>--
>\|/ Michael L. Ardai N1IST n1ist@netcom.com \|/
>-*- === Boston Amateur Radio Club: http://www.barc.org/barc === -*-
>/|\ or send "info barc-list" to listserv@netcom.com /|\

In this thread there has been mentioned of the FCC study on this issue. A number of months ago I downloaded this " article " for work it prints out to be over 70 pages. We have nbeen looking at this issue for a while now casually. It was worth the time to download , lots of information was surprized to see how many typre of antennas the FCC used for testing and the tables and charts with test results included..
Download and print it today. Take a few nights to read and digest it.

Gary

746. Re: test...

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: anthonys@ix.netcom.com
Message-ID: <4uejvd$75b@dfw-ixnews8.ix.netcom.com>
Source record: 219174

In <320ABC59.5B2D@wco.com> steve <kd6fyk@wco.com> writes:
>
>Jeffrey Herman wrote:
>>
>> Steven Sampson <Steven_Sampson@msn.com> wrote:
>> >Position: 34.431415 Deg. North Latitude
>> > -119.698060 Deg. West Longitude
>>
>> I've never seen longitude given as a negative measurement. Are we to
>> interpret negative west longitude as actually being east? That would
>> place him along the east coast of China, close to Nanjing.
>> KH2PZ
>
>programs like logsat use negative for south and west.

Very true but many programs use positive for west (and north).
The coordinates given are somewhere off shore of Pt. Conception, CA

A good place to find marine navigation software is ftp.ronin.com
A navigation mail list also resides there as navigation@ronin.com

-=Tony=- W6ANV

747. Re: how can I broadcast on FM radio?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: Chris Davis <cdavis@ptel.net>
Message-ID: <01bb85b0$252d88a0$195c09ce@chris>
Source record: 219175
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,rec.radio.amateur.misc

Robert,

It may sound fun (when I was in college, we tried to do the same thing, but were unsuccessful, luckily.) If you do succeed, you WILL most likely be caught, unless you are in an area with almost no radio stations. As an assistant engineer at an FM station with several translators, we regularly monitor the band with a spectrum analyzer and would most likely find a 'pirate' station within a few days of it's debut. I'm sure you've read the posts from others outlining the fines.

Radio is an appealing hobby. I'm sure your intent is not to break the law. Why not go about it through the existing channels? If your desire is to communicate, try amateur radio, it's lots of fun! If your goal is to get your music 'on the air', seek out a local college or technical school radio station. I'm involved in both amateur radio and broadcast radio, a rewarding hobby and career. Good luck!

--
<><--><>
Chris Davis KB0WWP
cdavis@ptel.net
Asst. Engineer KJLY - Christian Radio
Blue Earth, MN
<><--><>

748. DXHUNTER: your score raises.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: vmi@vmi.it
Message-ID: <4ufdbh$jb1@qualcuno.nettuno.it>
Source record: 219176

73s & TNX for reading this message.
The DXHUNTER 5.0, a new sw pack for DX CLUSTER users, is now a big reality; its target is to assist you in the DX activity, to raise up your score; this target is reached, you can bet it!
Previous releases were in italian language; the english version is now available.
Here is a list of the Internet sites where it can be found.
The name of the file is DXHUNT5E.ZIP, size about 1M.

english language:
http://www.coast.net/msdos/hamradio.html
http://www.simtel.net/simtel.net/msdos/hamradio.html
http://www.funet.fi/pub/ham/hf-work/
ftp://oak.oakland.edu/pub/hamradio/dos/ham-utils/

italian language:
http://www.alpcom.it/actis/hamradio/

Read the following lines, to get a summarized description of the prg.

*DXHUNTER is a DOS, shareware, freely distributable program for PC and TNC modem (note: no BAYCOM modem support), for DX CLUSTER users.
You can run DXHUNTER in a DOS session simultaneously with your favourite programs, such as your log: PIF and ICO files are included, to use the program under Windows, so you'll not have to abandon your dear old LOG program, when adopting DXHUNTER.

*Automatic DXCC data import from different log types (such as DXBASE, TOPLOG, EASYLOG...).

*Alert on New Ones: you can set an alert type and an alert duration; you can choose between 5 different new one classes to accept (cell, band, mode, band/mode, total). Allowed alert types are SOUND, MUSIC, CW and VOICE; the CW and VOICE alert types execute the spelling of the alerted spots (call and frequency) also on the PC speaker, making it possible to remotize alert events via radio.

*You can enable the announcement of any incoming spot, wich will be performed in CW or VOICE, by spelling spot's call and frequency, also on the PC speaker (useful for people who are blind).

*Some special features allow you to decide which alerts to accept, at a spot's CALL/FREQUENCY level; the band planning can be adjusted to your needs.

*Automatic connection/reconnection to the DX CLUSTER, also via an unlimited number of intermediate nodes: your presence is not needed,

even when the link drops.

*Antitimeout function, to avoid inactivity disconnections.

*A monitor mode function allows you to operate also when disconnected; a smart anti spot repetition function avoids identical spots display (this filter is active also when operating in connected mode, to avoid looped spots repetition). The monitor mode function supports also the special spot format used on forward links, between cluster nodes!.

*Incoming new ones are saved apart, on an active list: once you select an item from this list, you can play it (in CW or VOICE), you can send its frequency to your RTX via RS232; the spots that currently result to be more probable (because they were received into a one hour window centered on current z time) are displayed marked.

*DXPED and SKED reminder, with automatic deletion of expired events: when a DXPED becomes active a visual warn is displayed; when a SKED becomes active, a phone-like alert is executed.

*Prefix recognition without errors: the DXHUNTER is probably the best in the world in recognizing simple or slashed prefixes; if you keep the data base updated, by adding or deleting prefixes when needed, you'll get the best from this program. An on line prefix check function, allows you to check for any prefix with immediate response.

*Filter on far away originated spots: some DX CLUSTERS collect spots being originated from far away sites (i.e. spots coming via the Internet); very often the far away originated DXes are not feasible for you; if you want to exclude alerts on these spots, you can act on the originating field (DX de...) by filtering any originating country you want (unwanted spots will not be alerted but still displayed, anyway).

*Non std. IRQ support for any comm port, at any speed (up to 115200).

*Remote control on RTX via RS232 port. This control includes frequency and mode setting on the RTX; the control can be manual (you manually type in the desired frequency and mode) or fully automatic (linked to the last received spot or to the new one list).

*Voice keyer (Sound Blaster-like card needed): you can record up to 10 voice messages on the fly and then send them back with a snap, with PTT activation on a selected COM or LPT port.

*Audio loop recorder (Sound Blaster-like card needed): you can record up to 25/30 seconds of audio onto a circular RAM buffer (thus without disturbing your Hard Disk); you can keep your recording session working for unlimited time; at any time you'll be able to play back the last 25/30 seconds of the current recording, marking audio portions to relisten, with saving capability; you can also select a slower or faster playback speed (6 speed levels: very useful for CW relisten). A switch signal to redirect audio to headphones is

included.

*Text and audio file capture/storage functions (for audio features a Sound Blaster-like card is needed); a multimedia text/audio archiviation program is included; during the audio playback an hardware switch is activated, to redirect the audio to the headphones.

*Automatic CW Key (from 5 up to 100 WPM); you can simulate your CW key with very regular transmission with simple keystrokes or by recalling preset strings; the key switch is performed via a selected COM or LPT port, in a CT like standard.

*Unlimited and smart word search function; you can search for any word on entire DX spots, or just on their comment fields; you can also search for IOTA or LOCATOR strings in the comment fields; when a searched word is found, an alert is executed.

*RF disturb robustness: some programs block when RF disturbs the serial port; the DXHUNTER simply warns you that you're causing RF disturbs and you might loose data.

*Screen capacity selectable, up to 50 text lines.

*Automatic talk reply in NOHERE state: you can set a standard message that will be automatically sent as an answer to anybody attempting to talk to you, when you are in a NOHERE state.

*Save disk space option (when enabled, all the lists are kept limited in size).

*Night mode feature, with blank screen operation (the screen is restored when an alert occurs or at user's keystrokes).

*Minimum hardware requirements (the program runs on any PC, from 8088 up, also from floppy disk).

*Different acoustic signalling of DX spots, talks, or other messages.

*Self documented functions, with on line brief help comments in english language; a printable, justified and page formatted ASCII manual in english language is also included; the manual is schematic and complete at the same time; it has been divided into different sections for easier info retrieval (italian language program and manual also available upon request); the manual also includes some schemes to build the simple required interfaces (PTT, audio switch, RS232<>TTL to drive the RTX).

This, and much more, make the DXHUNTER a unique program.
Believe me, it will raise up your score dramatically.
Many big DXers (scores over 310) are currently using the DXHUNTER with success and satisfaction: they consider it an indispensible DX tool.

DOWNLOAD and test it NOW!!!.

Problems, advices, suggestions, bugs, tips and other, may be reported
to the following Radio Packet BBS Address: IK4VYX@I4UJB.IEMR.ITA.EU
(my name is Fabrizio), or to the following Telephone number:
+39 545 32916 after 19 UTC.

THE DXHUNTER: THE SOFTEST WAY OF HUNTING!!!.

Fabrizio Sartoni (IK4VYX)

749. Free Electronic Filing of FCC Forms 610 For ARRL Members

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: "Bart Jahnke, KB9NM ARRL/VEC" <vec@arrl.org>
Message-ID: <320B33BF.704D@arrl.org>
Source record: 219177

ARRL News Release

August 8, 1996
For more information contact:

Bart J. Jahnke, KB9NM
ARRL/VEC Manager
Phone: 860-594-0300
(internet: vec@arrl.org)

ARRL/VEC to Offer Free Electronic Filing of FCC Forms 610 For ARRL Members

Effective immediately, the ARRL/VEC will electronically file with the FCC Forms 610 for ARRL
Members. The ARRL/VEC can electronically file FCC Form 610 applications for amateur station license renewals, or for address, name or call sign changes. This service is FREE to current
ARRL Members.

What is required to use this ARRL Member service?

ARRL Members must send a correctly-completed, signed and dated original Form 610 to the ARRL/VEC. Members can send the Form 610 by US mail, by courier, or hand deliver to: ARRL/VEC,
225 Main St, Newington CT 06111 (USA). Applications received by the ARRL/VEC must include an
original signature. Forms 610 cannot be accepted via fax.

Special Information Regarding Applications:

* Renewals (Box 4F): Only applications for renewal made on FCC Form 610 may presently be electronically submitted by VECs. For now, VECs cannot process computer-generated Forms 610-R
(which are mailed by the FCC directly to upcoming expirees)--those must go directly to the FCC
(also, VECs cannot presently process FCC Forms 610-A, 610-B, 610-R or 610-V). FCC Rules stipulate that renewals be submitted to them no earlier than 90 days before the license expiration date. Licenses that have been expired for less than two years may still be reinstated--a Form 610 for renewal must be submitted to a VEC or FCC before the two year grace
period has ended.

* Systematic Call Sign Changes (Box 4E): Applications submitted for a systematic call sign change must have Box 4E checked, and the applicant must initial the line adjacent to the box.

* Address Changes (Box 4D): Applications must include a current mailing address that is within
the United States or its Possessions/Territories (where mail can be delivered by the United States Postal Service).

* Name Changes (Box 4C): Applications submitted for a name change must include a copy of a legal document showing the formal name change. The former name must be written on the line next
to Box 4C. Typographical errors can be corrected using Form 610.

Any questions regarding Form 610 application processing for ARRL Members can be directed to the ARRL/VEC by calling 860-594-0300 (weekdays and evenings, from 8 am to 9 pm eastern time).

-30-

750. Re: homepage revised

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: Dave Booth <booth@pactitle.com>
Message-ID: <320B7DC7.41C6@pactitle.com>
Source record: 219178
Cross-posted to: rec.ham-radio.swap,alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,fidonet.ham,rec.ham-radio,rec.ham-radio.packet,rec.ham-radio.swap,slac.rec.ham_radio,su.org.ham-radio,swb.lists.linux.hams,rec.radio.swap,tnn.radio.amateur,uwarwick.societies.amateur-radio

chris bloxsom wrote:
>
> Bernie McClenny, WR3E wrote:
> >
> > Ken Bessler wrote:
> > >
> > > Dave Booth wrote:
> > > >
> > > > I just revised my homepage if you want to check it out.
> > > > new stuff!
> > > > --
> > > > Dave Booth
> > > > kc6wfs
> > >
> > > I am always ready to surf....However I do need a URL....:-)
> >
> > This is my first reply to a news group. What does this have to do with
> > DX. I have been reading the rec.radio.amateur.dx stuff for about a week
> > now and notice little DX info is reported here. Is this intended to be a
> > source for DX? If not let me know so I can stop wasting my time. de
> > Bernie, WR3E.
>
> hey bernie ,stop your bitching.

Well it was to funny. forgot to put my URL in there. hehe
http://www.geocities.com/Hollywood/5860
--
Dave Booth
kc6wfs

751. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: Dave Lance <nf8r@imperium.net>
Message-ID: <320B4FF8.449B@imperium.net>
Source record: 219179
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Jeffrey Herman wrote:
>
> Dan Morisseau <dpm3@seanet.com> wrote:
> > Thanks, Bill! Thanks, Hillary!, Thanks, (the late) Ron Brown! Thanks,
> >Daschle and Gephardt! Thanks psuedo-science enviro-hystricals! You gotta love
> >it don't you, folks?
>
> I do! Imagine if everyone voluntarily kept their output power limited to
> under 50W. Remember, we're supposed to run the minimal power necessary for
> reliable communication. Since folks don't self-police themselves in follow-
> ing this regulation, we'll now have the government carry out those duties.
> But we can thank the FCC for *raising* the cutoff to 50W; the original
> proposal was for a lower power level.
>
> As long at that is 50W output and not 50W ERP, just think of the more
> efficient antennas that are going to be sprouting from each shack now.
>
> KH2PZ

Yeh right, what planet are you from ? As somebody who has been through
many zoning restriction tower "battles" this whole EPA bull will be used
as just another tool to prevent us from putting up efficient antennas.
Been there done that. If I didnt have a decent tower now (which probably
is worthless with these new restrictions) I would NEVER go through the
hassles again.

Dave NF8R

752. Re: Your recommendation for an HT?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: Dave Potter <Dave.Potter@guardian.brooks.af.mil>
Message-ID: <4ug51u$bcl@xenon.brooks.af.mil>
Source record: 219180
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Yaesu HT-51R, although I'm not certain the aircraft freqs go all the way to 162.

753. DR-605T mod needed

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: georgehe@unix.asb.com
Message-ID: <Dvw2xu.D57@news2.new-york.net>
Source record: 219181

Hi, Looking for the mod for the Alinco DR-605T
Thats the new Alinco dual band mobile.
Any help is appreciated.
73, George

754. ARLB052 ARRL/VEC electronic filing

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: w1aw@arrl.org
Message-ID: <$arlb052.1996@arrl.org>
Source record: 219182
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB QST @ ARL $ARLB052
ARLB052 ARRL/VEC electronic filing

ZCZC AG32
QST de W1AW
ARRL Bulletin 52 ARLB052
From ARRL Headquarters
Newington CT August 9, 1996
To all radio amateurs

SB QST ARL ARLB052
ARLB052 ARRL/VEC electronic filing

Effective immediately, the ARRL/VEC will electronically file with the FCC Forms 610 for ARRL members. The ARRL/VEC can electronically file FCC Form 610 applications for amateur station license renewals, or for address, name or call sign changes. This service is free to current ARRL members.

ARRL members must send a correctly completed, signed and dated original Form

610 to the ARRL/VEC. Members can send the Form 610 by US mail, by courier, or hand delivery to ARRL/VEC, 225 Main St, Newington, CT 06111. Applications

received by the ARRL/VEC must include an original signature. Forms 610 cannot be accepted via fax.

Only applications for renewal made on FCC Form 610 may be electronically submitted by VECs. For now, VECs cannot process computer-generated Forms 610R (which are mailed by the FCC directly to upcoming expirees). Those must

go directly to the FCC. Also, VECs cannot presently process FCC Forms 610A, 610B, 610R or 610V. FCC Rules stipulate that renewals be submitted to them no earlier than 90 days before the license expiration date. Licenses that have been expired for less than two years may still be reinstated. A Form 610 for renewal must be submitted to a VEC or FCC before the two-year grace period has ended.

Applications for a systematic call sign change must have Box 4E checked, and

the applicant must initial the line adjacent to the box.

Applications for an address change must include a current mailing address that is within the United States or its possessions or territories (ie, where mail can be delivered by the US Postal Service).

Applications submitted for a name change must include a copy of a legal document showing the formal name change. The former name must be written on

the line next to Box 4C. Typographical errors can be corrected using Form 610.

ARRL/VEC can answer questions regarding Form 610 application processing for ARRL members. Call 860-594-0300, weekdays and evenings, from 8 AM to 9 PM Eastern Time.
NNNN
/EX

755. ARLP033 Propagation de KT7H

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: w1aw@arrl.org
Message-ID: <$arlp033.1996@arrl.org>
Source record: 219183
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB PROP @ ARL $ARLP033
ARLP033 Propagation de KT7H

ZCZC AP53
QST de W1AW
Propagation Forecast Bulletin 33 ARLP033
From Tad Cook, KT7H
Seattle, WA August 9, 1996
To all radio amateurs

SB PROP ARL ARLP033
ARLP033 Propagation de KT7H

Solar activity declined this week from the week previous, but solar flux was above the average for the previous 90 days for the thirteenth day in a row. The current 90 day average has just risen from 70 to 71.

Solar flux is expected to go below 70 until August 22, and then peak around the mid-seventies again on August 28. The geomagnetic field is expected to stay stable over the month. 40 meters remains the best worldwide band at night, while 20 meters is most reliable during daylight hours.

W4VOS wrote a nice note pointing out an error in the text of ARLP031, which stated that there were sunspots visible on July 19, when it was really July 20 when we saw a sunspot count of 12. Also in the mail this week was a generous gift from W7EYE of the 1953 edition of The Sun, by Gerard Kuiper.

Sunspot Numbers for August 1 through 7 were 32, 34, 30, 29, 20, 13 and 26, with a mean of 26.3. 10.7 cm flux was 80.4, 79.6, 79.3, 77.6, 74.1, 73, and 71.6, with a mean of 76.5.

This week we have a special path projection from the United States for the Worked All Europe CW Contest this weekend.

From the East coast, check 80 meters from 0000z to 0600z, with signals peaking around 0230-0330z. 40 meters looks good from 2230z to 0730z, with strongest signals around 0030z to 0430z. 30 meters looks good from 2100z to 0330z and again from 0500z to 0630z and around 0900z. Strongest 30 meter signals should be from 2300z to 0300z. Check 20 meters from 1500z to 0130z, with the best bet from 2200z to 0030z. 15 meters may open around 1900z to 2100z.

From the mid-USA check 80 meters from 2230z to 1300z, with your best shot around 0130z-0300z. 40 meters should be open around the clock with the best period around 0100z and weakest signals around 0830z and again at 1800z. Check 30 meters from 1200z to 0430z, and 20 meters around 1430z-1530z and 2000z-2130z.

From the West coast check 80 meters from 0200z to 1100z, with best signals around 0400z-1000z. 40 meters should open from 0030z to 1300z, with strongest signals also around 0400z-1000z. 30 meters looks good from 1230z to 1600z and 2200z to 0600z, with strongest signals from 0200z to 0600z. Check 20 meters from 1430z to 0330z, with best conditions around 1700z to 2200z.
NNNN

756. Re: Wilson 2M mobile antenna. . .

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: Brian Ward <bward@cyberspc.mb.ca>
Message-ID: <320BB8C2.581C@cyberspc.mb.ca>
Source record: 219184

Alexander Parkinson wrote:
>
> Hi
>
> Looking for information on Wilson 2M antenna. My understanding
> Wilson produced antennas for 10 and 11 meter band only, recently
> introduced a 5/8 mag mount for Amateur use. Anybody have experience
> and comments on performance?
>
> 73
>
> Alexander VE4APN - a Macintosh TCP/IP station
> SP VE4APN @ VE4KV.#WPG.MB.CAN.NOAM
> e-mail: ve4apn@ve4ip.ampr.org
> or: alpark@freenet.mb.ca

Well what about the one your trying out there Alexander

Brian

--
==========
Brian Ward 73 de VE4RBL
bward@cyberspc.mb.ca
check out my web page: http://www.cyberspc.mb.ca/~bward
==========

757. JON VAN ALLEN, KF7YN, IN SALT LAKE CITY HAS REDEEMED HIMSELF

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: clarke@aztec.asu.edu
Message-ID: <4uggrq$4j6@news.asu.edu>
Source record: 219185

Just to summarize this situation, last Feb. 28th, Jon posted
a message that he would buy old Bearcat scanners (working or not).
I responded and he said he could only offer $20 each (sight unseen).
After a couple of e-mails, we decided that I should send them for
his evaluation as I felt they were worth more than that. I sent
them UPS on Apr 18th. After requesting my money each month for
3 months, I finally resorted to posting on this newsgroup to
beware of him.

He wrote me e-mail within a couple of days and said he had just
gotten back from a trip at sea and had just plain forgotten to
send me a check. He apologized both privately and publicly.
I think it was an honest mistake on his part. I also think I
waited a quite reasonable amount of time before getting nasty.
I think we should just chalk it up to circumstances.

I'm not going to wait until the check clears. It would not be
fair of me to drag it out any longer before posting this message.

So everybody please erase from your minds any bad thoughts about
Jon Van Allen.

By the way, the check was for $40.

73,

Jack VE3EED/W7
--

758. Re: r.r.a.misc (FLAME BAIT)***(NOT)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: patrick_tatro@stortek.com
Message-ID: <4ug2c6$ijs_001@stortek.com>
Source record: 219186

In article <4ufc2v$9ak_001@stortek.com>,
patrick_tatro@stortek.com (Patrick Tatro)
wrote:

>Ken is another Burt wanabe but he doesn't have a
>ham license.

NOT TRUE AT ALL

Sorry Ken I had my facts all messed up. Do you
know how hard it is to type with your foot in your
mouth.

73's
Pat N0WCG

759. Beat the pile-ups>>Cyberscheds now Available @ sarrio.com

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-0908960331100001@host50.cyberg8t.com>
Source record: 219187

This is a new use of the WWW that can benefit ham radio operators throughout the world.

You can now schedule contacts with hams all over the world simply and easily by using the WWW and e-mail.I have set aside a section of my web site for hams to post their request for over-the-air schedules. Included in the posting is a place to list the posters specific ham radio contact needs (countries, zones,IOTA, grid squares ect...). The postings will also include an e-mail link that will allow hams that read the posts, to easily request an over-the-air schedule.

How Can Cyberscheds work for me?

Do you need a certain state to complete a WAS award? Are you just a few countries away from a DXCC? Are you a QRP operator looking to make contacts with hams all over the world? Are you a DX station that has grown tired of the stateside pile-ups on 20 meters? Or are you going mobile into a hard to work county?

In all the above examples you could have prearranged cyberscheds with those hams that you want to work. If band conditions are poor just e-mail the hams you could not work and set up a new schedule.

Cyberscheds are a simple way to have the internet work to the benefit of hams all over the world.

All posting will stay on-line for 6 months, or until the posting is asked to be deleted.

Visit http://www.sarrio.com and participate in your first cybersched.
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront and web site developer. Located at http://www.sarrio.com.

In association with Brillar Enterprises http://win-win.com/brillar provider of discount CD-Roms!

760. linked repeaters in Calif?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: tgeyer@rain.org
Message-ID: <4ufq60$l5q@news.rain.org>
Source record: 219188

I'm interested in any open linked repeater systems in Calif. I don't have a 220 radio, so the CONDOR folks aren't willing to let me on. However, I have heard of the WALA and EDISON systems.
Does anybody know of a repeater listing for these systems? I've tried searching the internet and cannot find any info. Repeater call signs would help.

Tom

--

| Tom Geyer | tgeyer@rain.org |
| Santa Barbara, CA | |
---

761. Re: .435 repeater in L.A. homepage? Where?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: mikef@pacifier.com
Message-ID: <4ugb55$o1r@news.pacifier.com>
Source record: 219189

In article <Dvs5rB.74C@logic.uc.wlu.edu>,
Richard F. DiDonna <rdidonna@liberty.uc.wlu.edu> wrote:
>435 has almost always been zoo for the LA area. Just look at the fact
>that it is on an oddball frequency and its input frequency is something
>like 1.035 megs away. When they do shut the thing down - which is not
>often, the characters do seem to go and infect other machines. I'd
>say leave them there.
>
First, it seems to me when I was in Anaheim a month ago, the repeater had
a standard -600kHz offset albeit it's on an odd-ball frequency and doesn't
conform to the usual rules as to where plus or minus repeater frequency
offsets are customary. But then it's far from the only California
repeater with that characteristic.

Second, why doesn't the FCC not only shut the repeater down/zap the
trustee but also silence/punish all those who are engaging in illegal
activity on that machine?
--
Mike Freeman | Internet: mikef@pacifier.com
Amateur radio: K7UIJ | GEnie: M.Freeman11
/* PGP2.6.2 PUBLIC KEY available via finger or PGP key server */
.. Ask not for whom the <^G> tolls.

762. Re: All Ham Bands, Reply to Republican Congress - NOT

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: jfeng@vnet.ibm.com
Message-ID: <19960809.100526.574@vnet.ibm.com>
Source record: 219190
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.amateur.policy

In article <4ubf44$nk@login.freenet.columbus.oh.us>,
on 7 Aug 1996 21:15:48 -0400,
Gerard Foley <gfoley@freenet.columbus.oh.us> writes:
>: Gerry Feid <ugfeid@uxa.ecn.bgu.edu> wrote:
>: >The FCC board are political appointees of the White House, NOT the
>: >Congress.
>: >
>
>
> They are confirmed by the U.S.Senate. For the last two years this
>has required consultation with Republicans. For some Federal Commissions
>there is also a requirement for more than one party to be represented
>on the Commission. I don't know if this is true of the FCC.
>
>K8EF
>
>
>
>
>--
>Gerry

There are guaranteed seats on the FCC for both parties. A northern
California woman from San Francisco made news here because she was
appointed to one of the guaranteed Republican seats.

763. Re: NEW NEWS GROUP

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: John Gratton <johng@net.com>
Message-ID: <320B9E44.41C67EA6@net.com>
Source record: 219191

Bill Nelson wrote:
>

> : That is why burt is in my kill file because of the dumb comments he has
> : made.
>
> Unfortunately, it is impossible to put all the people who respond to his
> baiting in the kill file as well.
>
> Bill
It is possible to kill all posts having to do with one user, however.

I use:

/<name>/a:j

This will search all articles for the occurance of <name> and junk
(mark as read) any articles found by the search. It's a little
slow, but very affective.

--
John Gratton | johng@net.com
Hans Christian 33 "Nakia" | (415)780-5774

764. IPS Daily Report - 09 August 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <4ugh33$2l9@flare.syd.ips.oz.au>
Source record: 219192
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 09/2330Z AUGUST 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 09 AUGUST AND FORECAST FOR 10 AUGUST - 12 AUGUST

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 70/5

GOES satellite data for 08 Aug
Daily Proton Fluence >1 MeV: 4.8E+05
Daily Proton Fluence >10 MeV: 1.8E+04
Daily Electron Fluence >2 MeV: 1.2E+07 (normal)
X-ray background: A4.0
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
10 Aug 11 Aug 12 Aug
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 10 Aug: 69/3

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Quiet

Estimated Indices : A K Observed A Index 08 Aug
Learmonth 6 2112 2222
Fredericksburg 5 5
Planetary 5 5

Observed Kp for 08 Aug: 2211 1222

2B. MAGNETIC FORECAST
Date Ap Conditions
10 Aug 5 Quiet
11 Aug 5 Quiet
12 Aug 8 Quiet to unsettled

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band

Date Low Middle High
09 Aug Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
10 Aug Normal Normal Normal
11 Aug Normal Normal Normal
12 Aug Normal Normal Normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
09 Aug 7

Observed Australian Regional MUFs:
near predicted monthly values

Predicted Monthly T index for August: 10

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
10 Aug 10 near predicted monthly values
11 Aug 10 near predicted monthly values
12 Aug 10 near predicted monthly values

A Windows version of the IPS HF prediction software, ASAPS, will
be available from early August 1996, for AUD350.
Upgrades from DOS versions 2.0 and higher will be available for
AUD50.
For more details, or to obtain a free demonstration copy, please
contact IPS.

--
IPS Radio and Space Services | email: rwc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/rwc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/rwc/
tel: +61 2 94148300 | fax: +61 2 94148331

765. Re: OPINION on YAESU FT-10 NEEDED!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: Dan Cornett <dcornett@cts.com>
Message-ID: <320BCF7A.569A@cts.com>
Source record: 219193
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Thomas Gasta wrote:
>
> Have an FT10 and FT40, used FT10 less than 1 hour since purchased at
> Dayton. I like the audio on both radios, features are great, out of band
> mod works great, and DPL works even better. I bought the FT10 because I
> bought the FT40 before Yaesu introduced the FT50, so I "needed" a VHF
> radio to go with the UHF. If your interested in Ham radio only, not
> stereo reception of FM stations, the price difference between an FT10 and
> a FT50 is something to look at very carefully.
>
> Tom
Tom,I am going to buy a FT10 soon ..can you send me e-mail on out of
band mod? Do I need to purchase the software for the mods?
Dan ..dcornett@cts.com

766. Looking for VEC in Oregon

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: jhende@aol.com
Message-ID: <4ugmrf$s37@newsbf02.news.aol.com>
Source record: 219194

I foolishly let my license expire several years ago and now need to
retest. Any help with where and when the state of Or would be appreciated

Thanks
JHenderson

767. Re: test

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: rose@fsl.orst.edu
Message-ID: <4ugebh$fd5@news.orst.edu>
Source record: 219195

duane (duane@flinet.com) wrote:
> kc6kim@pacbell.net wrote:
> >
> > hello this is a test
> test was received

haha! I cracked up when I saw this.. only a ham would say "... was
received.." hehe.. :-)

Robert Rose (gfm) rose@fsl.orst.edu
http://www.fsl.orst.edu/~rose (541) 507-0057

768. Re: Burts wife is fat

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: steve <kd6fyk@wco.com>
Message-ID: <320BED2E.7CA0@wco.com>
Source record: 219196
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Dave Booth wrote:
>
> Burt Fisher wrote:
> >
> > John R. Cunliffe wrote:
> > >
> > > Well Burt, maybe if you put a realistic price on this equiptment
> > > somebody would by it. You should go to one of the hamfest and get
> > > informed about the real value of your equiptment and then try it
> > > again.
> >
> > What prices need to be corrected?
> >
> > ---
> >
> > C O M P L E T E S T A T I O N
> >
> > I am selling my entire station as one package. See it, test it, buy it.
> >
> > Icom 751 with CW filters, RC-10 keypad $800
> >
> > Icom 2KL Solid state 5OO watt amplifier $1300
> >
> > Icom AT-500 automatic tuner $350
> >
> > Cushcraft A3 Beam $300
> >
> > Alliance Ham rotor $100
> >
> > 40 foot crank up tower $300
> >
> > $3000 cash and I do mean cash. It all works and it is all connected.
> >
> > I am bored with the hobby. The prices noted above are how I arrived at
> > the total, if you strongly disagree, tell me.
> >
> > All messages answered. If you do not get an answer I did not either get
> > the message or you didn't.
> > david,i could not help flaming your spelling.
73 steve

769. Re: world biggest secret almost lost

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4ufklb$f3t@freenet-news.carleton.ca>
Source record: 219197

Jim Kehler (pacrimgolf@kuentos.guam.net) writes:
> vickir@pacific.net.sg (Michael) wrote:
>
>>dg198@FreeNet.Carleton.CA (Frank Sved) wrote:
>
>
>
>>>That's because the Japanese lost the war. Were the American/Canadian
>>>Indians ever credited with anything? You lose, you lose everything.
>>>--
>>>73s Frank Sved, VE3GID
>
>
>>U R really low life scum bag Frank...Geez.....U think
>>Canadians need pat on head ?
>>OK...calm down....nice DOGGY!
>>HHHHHHHHHHHHHHHHEEEEEEEEEEEEEE
>
>>LOSER LOSER.....FRANKS A LOSER
>>Void where prohibited by FCC law!
>
> Looks like things are sinking rapidly to a new all time low.
> I think Mikey likes you Frank, he's following you around.
>
> 73, Jim KH2D
>
>

Yeah, Jim. Works out well for Michelle. I hear he likes both, dogs AND
men. Personal preferences I guess.
--
(((((
0-0-,((
----.oO--O---Oo.------
| Frank Sved |

770. Re: Ham Radio in Phenomenon

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4ufkle$f42@freenet-news.carleton.ca>
Source record: 219198

```
Michael (vickir@pacific.net.sg) writes:
> NEGATIVE>>>>>hams didnt really save the world.
>
> What was shown was Military in Uniform.
> BUT>>>Do U think any of them boys now in service know CW ?
>
> They probably cant scrounge up 1 straight key right now if
> they had too.
> Break out the TNC books......send/rec CW clean !!
>
> N9HPE....clear of the freq.....OUT
>
>
>
Goof, putz and moron alert!!!! BBEEEEEEEEP

--
(((((
0-0-,((
----.oO--O---Oo.------
| Frank Sved |
```

771. Re: MALICIOUS INTERFERENCE

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4ufklm$f4f@freenet-news.carleton.ca>
Source record: 219199

Michael (vickir@pacific.net.sg) writes:
>>problem and since WB9YHQ is the control operator they i feel they have no
>>say in the matter. And if one of them knew it was illegal why did he give me
>>his microphone and isn't what he did by playing for to the FCC entrapment?
>>so what do you think.?
>>73 Todd N9OGL
>
> Stay on freq and dont worry about it !
>
> Old timers have to gripe about something...cause as U
> age....U lose acid in stomach and cant digest food proper.
> This puts large molecules of crap in UR blood....which
> causes grouchiness in the brain.
>

ha ha ha ho ho ho he he he, the FCC would sure have something to say. Sit
back and do another line, Michelle.

--
(((((
0-0-,((
-----.oO--O---Oo.------
| Frank Sved |

772. Re: world biggest secret almost lost

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4ufk3f$elb@freenet-news.carleton.ca>
Source record: 219200

-------- snip -------
>>
>> That's because the Japanese lost the war. Were the American/Canadian
>> Indians ever credited with anything? You lose, you lose everything.
>>
>> --
>> 73s Frank Sved, VE3GID
>
> It isn't true that when you lose you lose everything. The Germans have
> been given due credit for rockets, jet planes etc.
>
> Marv Goldstein, W2EQZ

Marv, you're as irritating as Burt when you email your responses.

As I told you, the Germans got credit for everything they used to kill
people. They got a raw deal because they didn't write history. Whoever
writes history, usually writes about themselves, not the other guy.
--
(((((
0-0-,((
----.oO--O---Oo.------
| Frank Sved |

773. Re: JAMMERS ON 2 METER

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4ufk2o$eic@freenet-news.carleton.ca>
Source record: 219201

Jeffrey Herman (jherman@Hawaii.Edu) writes:
-snip.......
>
> Fine. But while on HF if you start calling a frequency "the center of
> a channel" be prepared to be labeled a lid. Colloquial usage plays
> a vital role in what terminology is admissible.
>
> One wonders if Shannon defines "ham radio."
>
> Jeff KH2PZ / KH6

What a waste of bandwidth your opinions consume, Jeff.

Who cares about micro-defining subjective terms. Stick to looking at the
clouds go by on your island.
--
(((((
0-0-,((
----.oO--O---Oo.------
| Frank Sved |

774. Need-HEATH schematic

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-09 00:00:00 UTC
From: Tom Kutz <tkutz@Skypoint.com>
Message-ID: <320C2ACB.2395@Skypoint.com>
Source record: 219202

I need a schematic for a HEATH power supply model IP-27

If anyone has one I would be glad to pay any costs incurred.

Thanks

Tom Kutz
WA0LRE
5510 Underwood Ln N
Plymouth, MN 55442

tkutz@skypoint.com

775. Re: OPINION on ICOM TC-T22A NEEDED!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-10 00:00:00 UTC
From: bpaul@qualcomm.com
Message-ID: <4ugjje$abq@qualcomm.com>
Source record: 219121
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <4uddhq$t5l@news.rain.org>,
steven@rain.org (Steven Reynolds) wrote:
>I'm looking to by a new HT and I've narrowed my choices down to three models.
I
>am posting this message in three parts according to brand and model to reduce
>confusion. I'm looking for people who have experience with the Icom IC-T22A.
>I'm impressed with the features but not sure on audio quality. If you have
this
>radio, please let me know what you think of it, good or bad. Thanks in
advance!

I have absolutely no complaints about mine. As far as the audio quality goes, other listeners say it sound fine (not muffled and not overmodulated). The built in speaker is loud enough for handheld use, but I have been using this as my mobile radio as well, and I have to use an external speaker to hear over road noise. I don't really consider this Icom's fault, more mine for using the radio in ways it wasn't designed for.
One nice/wierd thing about the radio is that it will let you tune to any frequency from 10MHz to 999.990MHz . It doesn't really recieve directly outside of the VHF band, but you can hear images of some other bands, like the 450MHz band, that show up when you tune around 300MHz. Once I figured out how to tune in specific frequencies, it turned out to be sort of a bonus. However, I have not heard any unwanted signals (beside imtermod) in the intended 144-148MHz band.
Let me know if you buy one and I'll send you a formula you can use to tune in the 450MHz band.

-BP

Bill Paul KF6BBL San Diego, CA bpaul@qualcomm.com
Disclaimer:
The above post is the opinion of Bill Paul, not Qualcomm Inc.
---

776. BAYPAC, HP200lx, and packet

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-10 00:00:00 UTC
From: maccabeus@gatecoms.gatecom.com
Message-ID: <4ugs50$k83@www.gatecom.com>
Source record: 219122
Cross-posted to: comp.sys.palmtops,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc

-----BEGIN PGP SIGNED MESSAGE-----

- From richard_hall@thaddeus.com
Date: Mon, 22 Jul 96 11:25:23
From: richard hall <richard_hall@thaddeus.com>
To: Maccabeus <maccabeus@gatecoms.gatecom.com>
Subject: Re: article

Phillip,

Below is a text version of your article. Thanks for contributing
it to the Palmtop Paper.

Rich Hall

*** Article begins here ***

*Using the HP Palmtop
with a Ham Radio

This user connects his Palmtop
to other computer systems via a Ham Radio.

By Phillip Nichols

About the author: Phillip has been interested in computers since he purchased his first computer, a Commodore Vic-20. He spent his Junior year in High School as a teacher's assistant in his school's first computer class. Since then, he has used his personal, palmtop, and amateur radio skills to help others, spiritually and otherwise.

Recently my notebook PC took a trip to the doctor; maybe it was a vacation since it was gone for almost two months. My computing was done solely on my HP 200LX. It so happens that at about the same time I received my FCC license for Amateur (Ham) Radio. (I had the urge to try Ham Radio, studied from scratch, aced the test, and waited around for the license).

All right! My license came in (KC8DQF)! Now I could "boldly go where no-one has gone before...," or at least where I'd never gone. I immediately wondered if I could tie my Palmtop into the radio for wireless work. I read about something called "Packet-Radio" -- a way of connecting computer systems and networks by means of Ham radio. Then I saw an ad for a "packet modem" that plugs into a computer to convert it to a TNC. A "Terminal Node Controller" is what Ham operators connect to their radio for the digital/analog conversion of the computer data as well as for providing error

correction protocol called AX.25.

You need the right stuff

The packet modem was the BP modem by Tigertronics (1-800-8-BAYPAC). It comes with special communications software and the modem (a small 2-inch-square custom analog/digital modem based on the old Bell-202 standard). The BP draws 9ma of power directly from the serial port of the computer. No external power supply for the modem is needed with a standard PC. The general advice with a Palmtop is to use an AC adapter when connected to a modem. However, I find that the BP modem does not significantly reduce battery life and don't bother with the adapter.

The final piece of hardware in this setup is the actual radio transmitter/receiver (a RadioShack HTX-202 Transceiver). I prefer this radio because it does not allow Wide receive 108-174Mhz. What this means is that it is less bothered by what is called "Intermod" or interference from ghost signals "mixing" with Ham signals. This is important in choice of radios for this type of work. Now the question was: "Can I hook all this up to my HP Palmtop?"

Getting it all to work
with the Palmtop

Sure enough! I fiddled around and got it all to work, and then discovered that someone on the web has done the same thing with the exact same equipment (minus the antenna). So now there were at least two of us using the same Palmtop/packet radio combination. Now I could really send and receive "airmail." Although I use this system mostly at home from a desktop PC, the fact that it works with the Palmtop means that I can logon anywhere. Even from inside a shopping mall or at work.

I physically connect my Palmtop to my wireless transceiver using my packet modem. Previously I have loaded the necessary software drivers on the Palmtop so that it can communicate with the modem. I start the Packet radio communications software on my Palmtop and type "connect" followed by the call letters of the person I want to communicate with. It's that simple.

Each packet radio area will probably have many PBBS's (Packet Bulletin Board Systems) running a newer communications protocol known as JNOS. This protocol is similar to an Internet TCP/IP protocol in that it lets you communicate with packet radio addresses that are not in your immediate area.

Once you establish connection, you get a menu just like a normal BBS menu. There are up to 30 commands you can access, so there is a lot you can do depending on what BBS you connect to. As with Internet, Packet BBSs let you "telnet" (link) to other sites in neighboring counties or states. You can even send files by radio, although 1200 bps is a bit slow.

Another user's story

Jason Baack of Maine, the other person I mentioned that uses this setup, told me how he got started.

"I was first introduced to packet radio two years ago on Rainbow Lake in northern Maine (U.S.A.). The total permanent population for the area was listed as four, living in a township called 'T2R11.' There were no roads into the lake, (you had to fly). Three 1.5K generators provided power during the daylight hours, so I was able to use my ancient Packard Bell 286. I got my Ham operators license while I was up there, got a wave antenna and other necessary equipment, and had a blast the rest of the summer connecting to DX nodes, the far reaches of Canada, Nova Scotia, and talking 'keyboard-to-keyboard' to some local (20 miles away)."

Jason (call sign N1RWY) has plans to contact the Mir space station someday from a nearby mountain, while I, though no less adventurous, am stuck in the flatlands of Michigan. I am planning to operate a land-mobile packet station while I ride on vacation trips this summer and also would like to find a pilot at a nearby small airport willing to try a little air mobile to see how far I can QSO (Amateur Radio communication on the air) with another station.

As it is now I can hit a packet Bulletin Board Service near me and get mail, topical groups, and telnet to other stations that may otherwise be out of my power range. There is even a World Wide Web/IRC-style conferencing area called CONVers for communication with other "packeteers" around the United States. And finally there are Gateways that tap directly into the Internet to speed things up.

Amateur Radio:
A hobby that's fun and helpful

Amateur Radio operators and clubs perform services by providing communications in times of disaster (both natural and man-made) and sending messages from non-hams to people around the globe that they may have lost contact with! Ham operators seem very interested in helping both the ham and non-ham. One fellow ham gave me an old receiver to help me improve my Morse-code abilities so I could communicate over world-wide frequencies. He also gave me 26 back issues of QST, a relevant Amateur Radio magazine. Another Ham is going to help me improve my antenna.

[Note: QST is a publication of the Amateur Radio Relay League (ARRL). Call 1-800-326-3942 for information on becoming a Ham operator as well as joining ARRL. Membership includes the monthly QST magazine. They also have a NEW-HAM kit, which they'll give you free of charge (no membership required). It's their way of introducing you to their services and getting you started in ham radio. I also received an offer to receive a free Ham-related book.

I chose Hints and Kinks from the list of titles. It contained a lot of little fix-it tidbits good for new Hams to know before hand, like how to mount your first antenna on your car without destroying your car in the process.]

Amateur Radio Clubs also get together monthly and have special activities for both fun, as well as some that help emergency preparedness for the community. An example is the Amateur Radio SkyWarn system that tracks severe weather and reports it to local weather services. In Ontario, Canada; I have met some who chase and report on storms as well.

Amateur Radio provides you with the opportunity to experiment and challenge your own personal limits. In addition, it lets you give something back to your community. I definitely stretched my Palmtop's capabilities, but there's more room to grow. With my HP Palmtop I can run satellite tracking programs to locate Amateur radio relay satellites in "real time" using REAL95.ZIP <contact info at end of article>. I have another TSR program I run while on packet that can help locate and calculate the distance between myself and the ham on the other end (GRID.ZIP <contact info at end of article>). I have modified a Palmtop-database for keeping a log of my contacts (ARS-LOG.ZIP <contact info at end of article>).

You can investigate ham-related topics by contacting a SIMTEL site on the Internet. Most have an amateur-radio and packet directory listing topics of interest. One such SIMTEL site containing about 100 topical directories is:

http://oak.oakland.edu/simtel.net/msdos/index-msdos.html

Another non-SIMTEL, but more ham-specific site is:

http://www.cdrom.com/pub/hamradio/oak

The more I look, the more people I find using their Palmtop with radio. We hope to "QSO with you on 2meters (144-148Mhz)" sometime, or else exchange some packet e-mail! So how about getting your license? It's now easier than ever to get started, you don't even need to learn Morse-code to begin (but you'll earn more respect if you do). You have nothing to lose, and world of ham operators to gain.

For more information visit Jason's web site at:

http://www.umecut.maine.edu/~baack

or Ham-Radio On-line at:

http://www.accessone.com/~vbook/hronline.htm

Packet radio networks

Ham operators designed their own "Network" of computers back in the late 70s. The Canadian Department of Commerce legalized Packet Radio by ham operators in 1978. Then the TAPR '80 (Tucson Amateur Packet Radio corporation) began developing radio communication protocols. 1981 TAPR decided to use a version of the computer industries x.25 communications protocol, calling it AX.25 ("A" for amateur radio). Packet radio communications started with a few people who could afford computers and to modify Bell-202 modems with the TAPR chip protocol.

Soon computer prices fell and Terminal Node Controller kits were becoming more available. Radio networks were being set up much like a unix "on/off LAN" and businesses "constant-on LAN." An example of an "on/off LAN" is an Internet web browser, that is not actually connected to the web site all the time, but intermittently connects to ("pings") the web site for information. A computer bulletin board system like CompuServe is an example of a "constant-on LAN" because it is always connected to the net and to other nodes in its system.

Pricing and Contact Information for products mentioned in this article

All prices are manufacturer's suggested retail price. It may be possible to purchase the product for less at third-party vendors.

BP Modems
Model 2 -- $49.95
Model 2M -- $69.95

Contact: Tigertronics, Inc, P.O. Box 5210, Grants Pass, OR 97527, U.S.A.; Phone: 800-8Baypac or 541-474-6700; Fax 541-474-6703; http://www.tigertronics.com

Shareware/freeware
mentioned in this article

HAMRADIO.ZIP -- available on the July/August 1996 issue of the HP Palmtop Paper ON DISK and includes the following three pieces of software:

REAL95.ZIP -- Executable satellite tracker intended for use on the Palmtop. Freeware. Also available on the Internet at : ftp://eddie.mit.edu/pub/951x/NEW/

GRID.ZIP -- Amateur radio executable and documentation files. Shareware. Contact: David Eanes, 4866 Drusilla Lane, Baton Rouge, LA 70809,U.S.A.

ARS-LOG.ZIP -- Database template for the Palmtop for logging radio contacts. Freeware.

GEOCLK40.zip -- Graphical display of sun/moon for grey line propagation
GEOMNO44.zip -- converts EGA version to CGA, customize cities to display contact points by entering lat/long of gridsquares and label

with state name or grid square worked.

All software mentioned can be found by ftp at
eddie.mit.edu/pub/hp95lx/NEW
*** Article ends here ***

-----BEGIN PGP SIGNATURE-----
Version: 2.6.3a
Charset: cp850
Comment: Are you truly free? John 8.36
Comment: Who watches the watchers? - Plato

iQB1AwUBMgU0vCZLvLZb8KO9AQH+iwL+P4Q+3XnshW7m8aXsW6ePc4R8ZepOFApn
MsOW8kj7eyJU1WEqwKgnQvYD3l1Nn5KazIavveHOexWn+R6cd1YrD9lYYjVIPnXn
j0FYvooNECj89LjJBJFgx7B35xq1vyDg
=WZLm
-----END PGP SIGNATURE-----

777. Need the Email address for:

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-10 00:00:00 UTC
From: Gerry Feid <ugfeid@uxa.ecn.bgu.edu>
Message-ID: <4uh3hg$dpe@news.ecn.bgu.edu>
Source record: 219123

I need the email address for Ken Hopkins. He posted an article around the
30th of July (or a bit earlier), which was purged, of course.
If you have it, please email me directly at:
ugfeid@uxa.ecn.bgu.edu

Thanks.

73's Gerry N9RJV

778. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-10 00:00:00 UTC
From: firewevr@insync.net
Message-ID: <4uh49a$crl@synthemesc.insync.net>
Source record: 219124
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

domonkos@access5.digex.net (Andy Domonkos) wrote:

>>|Screw it then, I'll sell my ham gear, buy me a 'big CB' out a kilowatt on
>>|it fire it up with an echo mic, noise toy on it ;-)

>>|I wouldn't sweat it guys. How friggin enforceable is this kin d of crap.
>>|Look/listen around.

>>|Andy

I think the idea in so far as enforceability is concerned is so the powers-that-be can have one more thing to hang over your head just in case you do something to displease them.

I am not completely prepared to debate this, nor do I think this is the proper forum(s) to do so in, but I have come to the conclusion that the government has decided that the normal legal / legislative process has become ineffective in dealing with the issues (read: percieved *threats*)

Our politicians spend so much time preening and posturing before the American people, rather than dealing with substantiative issues, that the entire political process has become more of a circus side show, than an exercise in effective government. I am not altogether convinced that the people we elect to office are even qualified to understand the issues, much less deal with them.

So they sidestep the whole issue by creating a multitude of agencies with administrative (read dictatorial) authority over just about every aspect of our lives. These agencies rule by fiat, and in many cases are not accountable to anybody. (Canonical example: The I.R.S.) There are so many rules and regulations, so haphazardly written, and in some cases, mutually contradictory, that I suspect that no matter what you do, you are going to be in violation or one or more. Period. This sets the stage for selective enforcement, which means that if you attract thier (agency) attention, you get stomped on.

This flap over environmental impact statements is just another example of a government spinning wildly out of control.

Unfortunately, I am not a politician, just a humble electronics enthusiast, so what can I do?

Erikc

Religious fundamentalists are a plague sent by God to
punish us for our joys. -- me

779. Re: Robert Sull 216 933 4582 Profane

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-10 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <4uh58d$63u@dfw-ixnews9.ix.netcom.com>
Source record: 219125
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In <3209B939.103E@ccsnet.com> Burt Fisher <k1oik@ccsnet.com> writes:
>
>Gerald Schmitt wrote:
>
>SNIP

>
>I show his phone number so he can have deserved recognition.
>You still wishing for the return of Adolf and the boys?

Is this what you consider a personal insult? Pretty weak if it is Burt.
Some how I got the impression you did not approve of personal insults.
Oh well must be my mistake. Perhaps you would care to insult my wife
now.

With all due respect (none)
Jerry
>
>
>#================#===
#
>| Burt Fisher | Teacher of video, broadcasting, electronics and
| most of all hate

>| Amateur call | South Dennis, Ma. (Cape Cod)
|
>| K1OIK | Mr. Happy should not be happy all the time.
|
>#================#===
#
>| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu
|
>#===
#

780. Re: dl5NAZI

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-10 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <4uh5l7$6t7@sjx-ixn4.ix.netcom.com>
Source record: 219126
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In <3209D86E.717A@sullivan.vf.mmc.com> Beavis <@sullivan.vf.mmc.com>
writes:
>
>Burt: get your facts straight before you run-off at the keyboard.
>Rizzo was long dead when MOVE happened. You sound like one of the
>14.313 gang (KV4FZ, et. al) Or maybe even W2NSD!
>Jack

Don't limit Burt to the facts no propagandist from Gobels to Burt has
ever let facts get in the way of of his "truth". You must be a youngish
fellow since gutsy Burt has not challenged you to a physical
confrontation. Have a nice weekend.

73 Jerry KK5YY

781. Request advice on batteries for HT

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-10 00:00:00 UTC
From: greg@virginia.edu
Message-ID: <greg-100896032907@ara-mac-220.itc.virginia.edu>
Source record: 219127

Hello All:

I have a Yaesu FT-411E, and the darned NiCd battery is still going
strong after 3 years. However, I want to get one of these new-technology
batteries. Does anyone have any suggestions ?
I am familiar w/ computer batteries. Surely HT batteries have
progressed from the NiCd stage. But, can my old 411E handle the new
technology?

OK, so, E-mail replies are appreciated <mailto:greg@virginia.edu>.

73,
WQ3U

Gregory L. Maurer Law Student, University of Virginia
Charlottesville, VA (804) 984-4213 greg@virginia.edu
Va. Soc'y of Law and Technology URL: http://poe.acc.virginia.edu/~vslat
----

782. Re: What is 10-10 International???

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-10 00:00:00 UTC
From: n5ejs@linknet.net
Message-ID: <8a7cc$42326.363@NEWS>
Source record: 219128

"K.S. Wright" <wrightks@ops195.lmsc.lockheed.com> wrote:

:>Hi all! I've just received my Ham ticket as a Tech+ and noticed great
:>skip window on 10m from CA to UT, NM and later in the day to WA.
:>Several stations were calling out 10-10 numbers. Could someone tell me
:>what that's all about???

It would be a lot easier if you check out the 10-10 International Web page Scott. History, purpose, new member app, contest info, awards, and just about anything else you might want to know about it is all there.

The URL is http://www.lehigh.edu/lists/tenten-l/

Note that on the "tenten-l" it is a lower case "L" and not the number "one". Also don't forget the " / " on the end.

As Jim pointed out this is the bottom of the cycle and the long skip is hard to come by on 10 now but the shorter E-skip has been very good but very unpredictable. The band might die out for days at a time or open to who knows where for many days in a row. Enjoy and good luck.

Russ
N5EJS
#1525

783. H-P 10544A crystal oscl.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-10 00:00:00 UTC
From: oz9dr@post1.tele.dk
Message-ID: <4uhp9o$m36@news.inet.tele.dk>
Source record: 219129

Need user/service manual for HP10544A crystal oscl.
Even a diagram will do.
Info to email:
oz9dr@post1.tele.dk

73

784. Re: Family Radio Service -- a list of FAQ's

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-10 00:00:00 UTC
From: bkobb@newsignals.com
Message-ID: <bkobb-1008960824080001@bkobb.ppp.nova.org>
Source record: 219130
Cross-posted to: rec.radio.amateur.misc,rec.radio.cb,

In article <320BD66A.2705@magic.itg.ti.com>, Joe Fitter BV/N0IAT
<FITR%mimi@magic.itg.ti.com> wrote:

>Found these FAQ's. Whoever maintains the FAQ
>of the rec.radio newsgroups might want to add these.

Thanks for posting the FAQ Joe, although I would have
appreciated credit for writing it ;-)

By the way, the Family Radio Service is as of a few
days ago, no longer the only UHF radio service in the
CB category (see FAQ question #3).

There is a new one: the Low Power Radio Service (LPRS).
The LPRS may only be used for these 4 purposes:

1. Tracking of stolen goods (this is technically called
Law Enforcement Tracking Systems or LETS),

2. Auditory Assistance (transmitting classroom instruction
or church services, for example, to headsets worn by the
hearing-impaired).

3. Health Care Assistance (medical telemetry)

4. Control stations in maritime radio.

No other uses are allowed. No CB style ragchewing is
allowed. The chances of an ordinary person even getting
their hands on a LPRS radio are minimal - they won't be
sold at your local Radio Shack.

Nevertheless, LPRS is officially a form of CB Radio in
the U.S. There is no doubt about it. LPRS operates with
100 mW at 216-217 MHz. No licenses are issued.

73
Bennett Kobb
bkobb@newsignals.com
The FRS Pages
http://home.navisoft.com/nspi/frs.html

785. Re: linked repeaters in Calif?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-10 00:00:00 UTC
From: mike_j@ix.netcom.com
Message-ID: <4uhfmk$h41@dfw-ixnews7.ix.netcom.com>
Source record: 219131

In <4ufq60$l5q@news.rain.org> tgeyer@rain.org (Tom Geyer) writes:
>
>I'm interested in any open linked repeater systems in Calif. I don't
have
>a 220 radio, so the CONDOR folks aren't willing to let me on.
However, I
>have heard of the WALA and EDISON systems.
>Does anybody know of a repeater listing for these systems? I've tried
>searching the internet and cannot find any info. Repeater call signs
>would help.
>
>Tom
>
> --
>--
>| Tom Geyer | tgeyer@rain.org |
>| Santa Barbara, CA | |
>--
>
Hi Tom,
This is "Jug" WA6MBZ in Santa Barbara,
The Edison system is also on 220, sorry. The wala has a port
out of lompoc on 145.120 - 600. You might be able to hit that
on a good night.
73 de "Jug" WA6MBZ
--

****
Name: Michael P. ("Jug") Jogoleff
Call: WA6MBZ
AX.25: WA6MBZ@K6TZ.#SOCA.CA.USA.NOAM
Phone: 805-966-4808, Message or FAX

Snail Mail: 1324 Panchita Place, Santa Barbara, CA 93103-2223
Grid Square: DM04DK
Position: 34.431415 Deg. North Latitude
-119.698060 Deg. West Longitude

E-Mail: mike_j@ix.netcom.com
103225.3614@compuserve.com
mike.j@worldnet.att.net

Monitor
Frequently: 52.920 MHz. -, 145.050 MHz. S, 146.790 MHz. -
223.920 MHz. -, 224.080 MHz. -, 224.120 MHz. -

446.400 MHz. -, 1284.050 MHz. -, 1286.200 MHz. -

Check in
Frequently: 223.920 MHz. Daily at 21:00 PLT.
3856.000 KHz. Daily at 20:00 PLT, LSB.

end
****

786. Windows Morse Code Program Now Available

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-10 00:00:00 UTC
From: Edward Oros <ac3l@pgh.net>
Message-ID: <320C9C2F.6A31@pgh.net>
Source record: 219132

The new GUI version of IMCT is now on the internet.

IMCT for windows is now available for downloading
at the following site. This is the Shareware version.

http://www.qth.com/antenna

See the software hut and follow the screens
to version 2.x of the program.

Ed--AC3L

787. re: TEST

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-10 00:00:00 UTC
From: mike_j@ix.netcom.com
Message-ID: <4uhf2e$bpa@dfw-ixnews3.ix.netcom.com>
Source record: 219133

Hi all on the test business.
The coodinates give are for downtown Santa Barbara, 93103-2223 zip code
as derived from the Buckmaster server on the WWW. You can see them
again on my signature file included herewith below.
Not knowing the controversy that might ensue I put them in my signature
file and J Herman asked if I had a double negative going. I tried to
respond, but guess I did not get thru. I have modified my signature
file and included commas so as to give some one a hint or two.

--

****
Name: Michael P. ("Jug") Jogoleff
Call: WA6MBZ
AX.25: WA6MBZ@K6TZ.#SOCA.CA.USA.NOAM
Phone: 805-966-4808, Message or FAX

Snail Mail: 1324 Panchita Place, Santa Barbara, CA 93103-2223
Grid Square: DM04DK
Position: 34.431415 Deg. North Latitude
-119.698060 Deg. West Longitude

E-Mail: mike_j@ix.netcom.com
103225.3614@compuserve.com
mike.j@worldnet.att.net

Monitor
Frequently: 52.920 MHz. -, 145.050 MHz. S, 146.790 MHz. -
223.920 MHz. -, 224.080 MHz. -, 224.120 MHz. -
446.400 MHz. -, 1284.050 MHz. -, 1286.200 MHz. -

Check in
Frequently: 223.920 MHz. Daily at 21:00 PLT.
3856.000 KHz. Daily at 20:00 PLT, LSB.

end
****

788. hamfest in british columbia canada

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-10 00:00:00 UTC
From: pat@netbistro.com
Message-ID: <4ui7sv$4h@scipio.cyberstore.ca>
Source record: 219134

it is hamfest time in northern british columbia canada.!!! welcome to
all amateur radio people. details are on the pgarc home page . check it
out at http://www.netbistro.com/~ve7duc/ hope to see you all there 73's

789. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-10 00:00:00 UTC
From: delaney@j51.com
Message-ID: <4ui5rk$4jt@tzlink.j51.com>
Source record: 219135
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

n7ory@primenet.com in article ve <4u7qbl$ml6@nnrp1.news.primenet.com> on 6 Aug 1996 09:03:01 -0700 wrote:
: gfiber@halcyon.com (Gary Fiber) wrote:
:
: New Surgeon Generals warning label:
:
: "The Surgeon General has determined that prolonged brain usage may
: cause cancer, premature aging and death. Try not to think, live
: longer."
:
: Rob Neff (N7ORY)
:
Hah. I'm waiting for the day when I buy a new HT with the following:

"Surgeon General Warning: Use of this radio within proximy to your
head may cause soft tissue damage. For safe use hold radio at least 3 feet
from head"

--
Matthew Delaney N2MDB delaney@j51.com ax.25: n2mdb@k2sk.#eny.ny.usa.na
Technical Engineer - @North. Head IMP - Quasar MUD (delaney.j51.com:4000)
Personal - http://www.j51.com/~delaney @North Group - http://www.chsn.org
New York City Metro Skywarn Observer
"As the most participatory form of mass speech yet developed,
the Internet deserves the highest protection from governmental
intrusion." -- Judge Stewart Dalzell, ACLU v Reno

790. Q: DX-Cluster on the Internet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-10 00:00:00 UTC
From: 4z5dk@4x4ac.ampr.ORG
Message-ID: <59949@4x4ac.ampr.org>
Source record: 219136

Hi,
I am searching for any DX-Clusters which can be accessed via the Internet.

Any help will be much appreciated.

Best 73s de David / 4Z5DK

ax.25 : 4Z5DK @ 4X4HF.ISR.MDLE
E-Mail: 4z5dk @ 4x4ac.ampr.org
4z5dk @ 4z4zq-1.ampr.org
---

791. SUBSCRIBE

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-10 00:00:00 UTC
From: WA2QNW@aol.COM
Message-ID: <960810110435_596399427@emout18.mail.aol.com>
Source record: 219137

SUBSCRIBE

792. IC-706 Preamp Adjustment

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-10 00:00:00 UTC
From: N9MSS@msn.com
Message-ID: <00001fef+000049c5@msn.com>
Source record: 219138

Could anyone shed some light on the IC-706 preamp? Is there
an adjustmemt, via menu or internal control, that would allow
the preamp to be adjusted? I know that there is an RF gain control,
but I would like to turn the preamp down a bit. Any info would
be appreciated.

73 de N9MSS Bob

793. Re: Your recommendation for an HT?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-10 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <320CB617.50FD@ccsnet.com>
Source record: 219139
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Dave Potter wrote:
>
> Yaesu HT-51R, although I'm not certain the aircraft freqs go all the way to 162.

Why do you recommend the above?

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#================#===#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#===#

794. Re: Q: DX-Cluster on the Internet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-10 00:00:00 UTC
From: AC6V <AC6V@ix.netcom.com>
Message-ID: <320CCE30.55C1@ix.netcom.com>
Source record: 219140

4z5dk@4x4ac.ampr.ORG wrote:
>
> Hi, I am searching for any DX-Clusters which can be accessed via the Internet. Any help will be much appreciated.
Best 73s de David / 4Z5DK

Hi David, Here is some DX Packet Cluster info from KA9FOX's excellent page:

DX PacketClusters accessible via Internet

To use these links, you will need to have a TELNET application associated with your browser.

KI8W-6 Cluster
IK5PWJ-6 Cluster
N8BJQ Cluster
K9FN Cluster
WD5B Cluster
VE3CDX Cluster
WB9DFD Cluster
KS9K-7 Cluster
NO4J Cluster
F6CNB-6 Cluster
KA9FOX URL is:

http://www.qth.com/KA9FOX/links.shtml

Also check out the OH2BUA Page at:

http://www.clinet.fi/~jukka/webcluster.html

Here is a snip from OH2BUA's page:

"DX-Spots and WWV-information from PacketClusters. Check the World Desk with input form!

World Desk with 3 WWV's, 15 DX-Spots, 3 Announcements and INPUT FORM
Last 25 or 250 or 1000 DX-Spots
Last 25 or 250 or 1000 Announcements
Last 25 or 250 or 1000 WWV-Infos
1.8MHz , 3.5MHz , 7MHz , 10MHz , 14MHz , 18MHz , 21MHz , 24MHz ,28MHz 50MHz , 144MHz , 430MHz , 1.2GHz , 10GHz Beacon , Digital , IOTA , QRP , Satellite.

Hope this helps
73
Rod in San Diego

--
Hark for I have hurled my words to the far reaches of the earth!
What King of old could do thus??
..... AC6V

795. Re: Robert Sull 216 933 4582 Profane

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-10 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <320CB711.35F1@ccsnet.com>
Source record: 219141
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Gerald Schmitt wrote:

> Is this what you consider a personal insult? Pretty weak if it is Burt.
> Some how I got the impression you did not approve of personal insults.
> Oh well must be my mistake. Perhaps you would care to insult my wife
> now.

Why?

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#================#===#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#===#

HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI
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Burt

796. Re: I want to be a ham

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-10 00:00:00 UTC
From: AC6V <AC6V@ix.netcom.com>
Message-ID: <320CD59C.14BE@ix.netcom.com>
Source record: 219142

Bette Dillon wrote:
> I also am looking for information of how to get my 14 year son started. We live in NY. I didn't know there was a test! EEK! Any
info given would be greatly appreciated!
> -
> B. ZJBV66C@prodigy.com

Hi Bette, you can get your desired info at URL:
http://www.arrl.org/

Then click on the following:

How to Get Started in Ham Radio: EEK -- Your journey of ten thousand
frequencies starts here.

Then for exams in your area click on exams or goto URL:

http://www.arrl.org/exams.html

Should give all the info you will need.

BTW: We have a young persons net here in San Diego, ages 12 - 17,
about a dozen or so are involved. So Hams are really glad to see the
young folks enter the hobby.

Good Luck from San Diego.
Please E-Mail if I can be of further assistance.

Rod -- AC6V

--
Hark for I have hurled my words to the far reaches of the earth!
What King of old could do thus??
..... AC6V

797. Re: OPINION on KENWOOD TH-22AT NEEDED!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-10 00:00:00 UTC
From: "Jim Gerke, KC5OA" <jgerke@why.net>
Message-ID: <320D20B3.10A8@why.net>
Source record: 219143
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Steven Reynolds wrote:
>
> I'm looking to by a new HT and I've narrowed my choices down to three models. I
> am posting this message in three parts according to brand and model to reduce
> confusion. I'm looking for people who have experience with the Kenwood TH-22AT.
> I'm impressed with the features but not sure on audio quality. I don't want a
> radio with a real "tin can" sounding speaker if I can avoid it. If you have
> this radio, please let me know what you think of it, good or bad. Thanks in
> advance!

I don't have the TH-22 but but I have its 440 MHz twin, the TH-42. I love
it. Good operational features, great size, solid feel. I've had it over
two years and it has performed perfectly. The audio qulaity is good and
the output is sufficient for my normal use which is as an HT, *NOT* as a
substitute for a real mobile rig.

73, Jim, KC5OA

798. FS: G.E. Powercall

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-10 00:00:00 UTC
From: "alex@hic.net" <alex@hic.net>
Message-ID: <320D4037.43A0@hic.net>
Source record: 219144
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

LBRTY4US wrote:
> I want to sell a GE Powercall Mobile P.A. Amplifier. It is 100 Watt and has input for Radio,Stereo,Ect. All you need is a good Speaker Horn for under the hood.Comes with Microphone. $50.00 Plus Shipping

alex@hic.net

799. Re: "GMRS Personal Radio?" What is that?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-10 00:00:00 UTC
From: drt@gromit.ziplink.net
Message-ID: <m2k9v6r8wt.fsf@gromit.ziplink.net>
Source record: 219145

Steve Bramham <steve.bramham@turner.com> writes:

> There is nothing in the rules to prevent changing whatever you want to
> use your repeater system. I know, I use to run two GMRS repeaters and we
> would charge from as low as $25.00 per month for mom and pop, to up to
> $200.00 per month for business use. We did make a profit on repeater
> useage.

Huh?

47 CFR 95.33(a)(3) A [GMRS] station may be shared only:

i. Without charge;
ii. On a non-profit basis, with ... expenses ... prorated equitably ...;or
iii. On a reciprocal basis ... without charge.

(Oct 93)

Pretty clear prohibition.

800. Please!! Schematic For Hayden 75 Watt Amp Wanted

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-10 00:00:00 UTC
From: Ken or Nathan Lundgren <pilot@northernnet.com>
Message-ID: <320D4799.195A@northernnet.com>
Source record: 219146

I have a Hayden Sidewinder 75 watt linear amp that works from 3-30 Mhz.
It has preamp and SSB/AM mode capability. The power LED lights up but
does no good as far as power output. Any help will be greatly
appreciated.
Thanks Much
Nathan
pilot@northernnet.com

801. IPS Daily Report - 10 August 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-10 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <4uj5tj$n08@flare.syd.ips.oz.au>
Source record: 219147
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 10/2330Z AUGUST 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 10 AUGUST AND FORECAST FOR 11 AUGUST - 13 AUGUST

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 72/8

GOES satellite data for 09 Aug
Daily Proton Fluence >1 MeV: 5.1E+05
Daily Proton Fluence >10 MeV: 1.6E+04
Daily Electron Fluence >2 MeV: 6.3E+06 (normal)
X-ray background: A3.0
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
11 Aug 12 Aug 13 Aug
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 11 Aug: 72/8

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Quiet

Estimated Indices : A K Observed A Index 09 Aug
Learmonth 4 2221 1111
Fredericksburg 7 8
Planetary 5 5

Observed Kp for 09 Aug: 2001 2223

2B. MAGNETIC FORECAST
Date Ap Conditions
11 Aug 5 Quiet
12 Aug 8 Quiet to unsettled
13 Aug 8 Quiet to unsettled

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band

Date Low Middle High
10 Aug Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
11 Aug Normal Normal Normal
12 Aug Normal Normal Normal
13 Aug Normal Normal Normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
10 Aug 11

Observed Australian Regional MUFs:
Darwin: Near predicted monthly values, with spread F
observed for the period 1500-1800UT.
Townsville: Near predicted monthly values.
Sydney: Up to 30% enhanced during the local night, otherwise
near predicted monthly values.
Hobart: Near predicted monthly values.

Predicted Monthly T index for August: 10

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
11 Aug 10 near predicted monthly values
12 Aug 10 near predicted monthly values
13 Aug 10 near predicted monthly values

A Windows version of the IPS HF prediction software, ASAPS, will
be available from early August 1996, for AUD350.
Upgrades from DOS versions 2.0 and higher will be available for
AUD50.
For more details, or to obtain a free demonstration copy, please
contact IPS.

--
IPS Radio and Space Services | email: rwc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/rwc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/rwc/
tel: +61 2 94148300 | fax: +61 2 94148331

802. Re: FS: All Ham Bands, Reply to Republican Congress

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-10 00:00:00 UTC
From: T E I X E I R A <teixeira@ccnet.com>
Message-ID: <4uibsd$7oa@ccnet2.ccnet.com>
Source record: 219148
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.amateur.policy

>The Democrats screw up and the Republicans have a party. Then the
>Republicans screw up and the Democrats have a party.
>
>This is known as the 'two-party' system.
>
Yea.....Politicians treat us like Mushrooms.....They keep us in the dark and feed us
Bull
Shit!

Dole ain't worth a damn & Clinton is a Republican in a Democrats cloths.

803. Re: CAP mod for htx-202?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-10 00:00:00 UTC
From: hacker <hacker@flash.net>
Message-ID: <320D1395.5B0E@flash.net>
Source record: 219149

dct@bright.net wrote:
>
> Can you get the 202 modified for CAP use?

no

804. NO MORE JOHNNY REBS!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-10 00:00:00 UTC
From: roland.stiner@hobbs.com
Message-ID: <8C62358.0029006753.uuout@hobbs.com>
Source record: 219150

To: gary@ke4zv.atl.ga.us
Subject: NO MORE JOHNNY REBS!

>We still haven't warmed up to carpetbaggers.

I will remember that next time I hear a Johnny up here.

Remember Andersonville!

OLX 1.53 --------------> 73, de NK2U <----------------

* Origin: CyberNet BBS Lyndhurst, NJ (1:2604/151)

.....ooooooooo���OO0O0o
http://www.intac.com/~cono ___,-----.----+_____#_
The Roy Hobbs BBS |_____| |__|_____}
Moonachie N.J. 201.641.3126 ooooo oo ~ ooO-O-O-O == ��\
==========

805. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-10 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <DvwHro.4E1@news.hawaii.edu>
Source record: 219151

Mike Freeman <mikef@pacifier.com> wrote:
>If use of 2-meter HTs with rubber-ducks held close to the face is so
>hazardous (i.e., injurious to eye tissue), how come we haven't seen an
>avalanche of newly-blinded hams during the last twenty-five years?

I guess for the same reason some folks can smoke their entire life
and not get lung cancer.

I'm reminded of a story from an MD about a ham that was working on
his amp (cover off, power applied) and woke up the next morning
blind. That notice appeared on the QRP email list a couple years ago,
written by a medical researcher who was going to attend a conference
on RF and tissue damage. I quickly became a QRP avocate.

Jeff KH2PZ / KH6

806. Amateur Radio Newsline #991 9 August 1996

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-10 00:00:00 UTC
From: bigsteve@dorsai.org
Message-ID: <exIDyQQI8NvL091yn@dorsai.org>
Source record: 219152

SB NEWSLIN @ ALLBBS $NLIN.991
Amateur Radio Newsline #991 09 Aug 1996

The Newsline Information and Copyright Notice is now published seperately every month. Please read this notice before using any part of Newsline in any manner. For a copy of the notice e-mail bigsteve@dorsai.org or netmail Steve Coletti @ 1:278/230 on Fidonet.

NEWSLINE RADIO - CBBS EDITION #991 - 08/09/96

(**)
(* *)
(* A M A T E U R *)
(* *)
(* R A D I O *)
(* *)
(* N E W S L I N E *)
(* *)
(**)

The following is late news about Amateur Radio for Radio Amateurs as prepared from NEWSLINE RADIO scripts by the staff of the AMATEUR RADIO NEWSLINE, INC., formerly the WESTLINK RADIO NETWORK. Amateur Radio Newsline is a audio news service distributed via telephone.

This hardcopy version is produced by Dale Cary - WD0AKO from scripts provided to him weekly by Newsline. It is then distributed to on-line services, bbs networks and internet user jointly by Dale Cary and Steve Coletti.

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Fax: (805) 296-7180
(Fax senders wait for voice prompt.)

Hardcopy comments or complements can be directed to:

Dale Cary, WD0AKO
Hardcopy Distribution for Newsline

Internet E-mail: wd0ako@rrnet.com
Phone: (218) 236-6324

For further information about the AMATEUR RADIO NEWSLINE, please write to us with an S.A.S.E. at:

NEWSLINE
c/o Andy Jarema-N6TCQ
P.O.Box 660937
Arcadia, CA
91066

Thank You,
NEWSLINE

(**********
Some of the hams of AMATEUR RADIO NEWSLINE:
WA6ITF WB6MQV WB6FDF K6DUE W6RCL N6AHU N6AWE N6TCQ K6PGX N6PNY KU8R N8DTN W9JUV KC9RP K9XI KB4KCH KC5UD KC0HF G8AUU WD0AKO DJ0QN and many others in the United States and around the globe!!!
(**********
[991]

The following advisory is not necessarily for broadcast. This is just a reminder that the address for the Newsline Support Fund is:

Newsline,
c/o Andy Jarema-N6TCQ
P.O.Box 660937
Arcadia, California
91066

Again, and as always, we thank you. This ends the closed circuit with Newsline report number 991 for release on Friday, August 9th, 1996 to follow.

(*****
The following is a QST

The FCC preempts all restrictions on television reception antennas and it could be good news for ham radio. This story and more on Newsline report number 991 coming your way right now!

(*****
FCC PREEMPTS LOCAL ANTENNA REGULATIONS

The FCC has adopted rules to prevent local governments from restricting the rights of homeowners and businesses to install television antennas and satellite dishes. These new regulations could also stop municipalities from restricting most two-way radio antenna systems, including those of licensed radio amateurs.
The new rules were enacted on Tuesday August 6th and prohibit the enforcement of local laws, rules, private covenants and homeowner association regulations that in any way interfere with television

reception. This includes over the air broadcast stations, satellite delivered services and microwave delivered wireless cable systems.
Enactment of these far reaching regulations is based on a regulatory interpretation issued earlier this year. At that time the commission acted to prevent any and all entities from restricting the installation of the popular pizza sized direct to consumer pay television systems.
Broadcasters and other RF based delivery services that compete with cable systems claimed that regulations governing antennas for their services made interference free delivery difficult. As a result broadcasters saw the satellite television gaining an unfair advantage and began pushing for a similar exemption. The result is the across the board action that bans restrictions on all over the air television delivery services.
The new regulations do grant communities some leeway in interpretation. For instance, communities can still enforce local safety rules even if such regulations hinder reception. This includes banning the installation of antennas on fire escapes.
Antennas can also be restricted in regions that are considered to be historical districts but do not cover the installation of antennas on common property found in many planned communities. Also excluded is the placement of antennas on rental property, but the FCC says that it wants to receive comments on rules that could be enacted to protect those involved in rental situations.
Don't look for any immediate help to ham radio. The action covers only antennas and satellite dishes specifically intended for the reception of television signals. But it does open the door for FCC action on a similar request by the two-way radio industry. The two-way folks filed a request to the FCC late last year asking the commission to ban any and all local restrictions on communications antennas. If the FCC decides to invoke extended preemption for the two way radio industry, it may not be impossible for restrictions to be selectively enforced against the nations Amateur Radio community. Stay tuned, this is just the beginning.

(*****
NEW HAM RADIO RF SAFETY STANDARDS

New FCC RF safety standards effective January 1, 1997, could affect the way some hams operate, including those using vehicle-mounted antennas.
The changes to ham radio are far reaching and come in the wake of a Report and Order on RF safety adopted by the FCC on August 1. As a result, the Part 97 Amateur Service rules will now require hams running more than 50 W PEP to conduct routine RF radiation evaluations. This, to determine if RF fields are sufficient to cause human exposure to RF radiation levels in excess of those specified. Where routine evaluation indicates that the RF radiation could be in excess of the limits, hams will be forced by law to take action to immediately remedy the situation. According to the FCC, this could mean altering operating patterns, relocating the antenna, revising the station's technical parameters and other remedies.
Exactly what is involved in conducting a 'routine RF radiation evaluation' is not yet clear. These guidelines will have to be established by the FCC. Speculation is that they could be as simple as field measurements with some form of RF sniffer to as complicated as a full blown

environmental impact study. Nobody knows for sure.
The ARRL says that it is now studying the 100 plus page docket, to see if the League should seek reconsideration of any aspects of the FCC decision. Executive Vice President Dave Sumner, K1ZZ notes that the FCC expects it will not be difficult for most amateur stations to show that the specified limits will be met.
Sumner says that for high-power mobile operation and for operation with indoor antennas, particularly in apartment buildings and other situations where there is ''uncontrolled exposure'' to neighbors and the general public, ''amateurs may well have to make changes in how they operate.''
K1ZZ says the ARRL Lab staff and the RF Safety Committee will be evaluating the new requirements.
The new regulations also will require the addition of five questions on RF environmental safety be added to the amateur examinations for Novice, Technician, and General class. Sumner notes that the Commission's Report and Order does not take into account the practical problems associated with such a significant revision to the volunteer administered amateur examinations, and that more time than the Commission has allowed will be required to do a good job.
This is obviously a developing story. We will have more in future Newsline reports.

(*****
KEENEY TO COMMISSION

Still with FCC news, word that the lady who used to run the commissions Wireless Telecommunications Bureau may soon be an FCC commissioner. President Clinton has announced his intention to nominate Regina Keeney to a seat on the five member Commission.
Keeney is currently serving as the Chief of the FCC's Common Carrier Bureau. Here she has lead the commissions implementation of the 1996 Telecommunications Reform Act. Before joining the FCC, Regina Keeney served as the Senior Republican Counsel for Communications to the Senate Commerce Committee. A graduate of Georgetown University, Keeney practiced communications law before taking on her senate duties.

(*****
TWA FLIGHT 800 HAM RADIO EPILOGUE

Amateur Radio operations are expected to continue indefinitely to support recovery efforts in the wake of the TWA Flight 800 disaster off the Long Island, New York, shoreline. This, according to Mario Maltese, WF2T, of the Amateur Radio Emergency Service. Maltese told the ARRL Letter that the New York City Red Cross requested communication to Suffolk, which was arranged on UHF, linking Nassau and Suffolk counties and New York City. A call also went out to Sid Wolen, K2LJH, of Azden in New Hyde Park, New York, to supply additional radios, which the company was able to do.
As the situation developed, the Red Cross mission became to feed the 2000 to 3000 rescue workers at the crash site and to provide mental health support for the workers and the victims' families. The local telephone company donated cell phones, but WF2T reports that these initially were

useless. With 3000 rescue workers and thousands of members of the press severely overloading the local cellular sites.
Ham radio did work. WF2T says that ARES provided vital communications links between the American Red Cross Headquarters in New York, the lead Red Cross official at the site, and the Red Cross official at the morgue. This was expanded later with shadows for other officials. Late word is that hams remain on call in the wake of this second worst ever United States air disaster.

(*****
PHONY DISTRESS CALL SEARCH ENDS

The U.S. Coast Guard all but called off an ocean search that began on July 17th for a possible downed airplane off Ensenada. According to Coast Guard spokeswoman Lt. Lisa Blow, there is a distinct possibility that it's a hoax.
The search started when unidentified ham radio operators from Alabama, Texas and Massachusetts reported hearing distress calls from an airplane. The pilot reportedly spoke English, but the aircraft tail number he provided was of Mexican registry.
According to news reports in Los Angeles, a Coast Guard helicopter searched a 2,500 square mile area off the Mexican coast but stopped after no overdue aircraft had been reported to Mexican aviation authorities or United States FAA.

(*****
SALINA KS MURDER FOLLOW-UP

Police in Salina Kansas say that Delores Mc Kim, the widow of Jim Mc Kim, W0CY, her daughter and grandchild were the victims of severe trauma, indicating that all three were beaten to death. This, by one or more intruders that apparently were invited into the Mc Kim home.
Initial police reports indicated that there were signs of forced entry to the house, but further investigation shows this less likely. Police also say that two empty purses have been recovered along with Mrs Mc Kim's red Oldsmobile. This indicates that robbery was probably the motive behind the crime.
Salina police have set up a toll free number for public help in the investigation. If you have any information, please call 1 800 K S CRIME.

(*****
AM EXPANSION PROBLEMS

The expansion of the AM broadcast band may again be in trouble. The trade publication Radio World reports in its August 7th edition that eight petitions for reconsideration have followed the release last March of an announcement by the FCC naming AM stations that will be permitted to move to the expanded broadcast band. The FCC must now resolve all of these petitions before the allotment plan can be called final.

(*****
WIRED SCHOOLS VA HAM RADIO

Amateur Radio may soon have an even harder time getting special education programs geared to the hobby started in the nations schools. This, after cable television executives announced plans today to offer elementary and secondary schools in the United States free, high-speed equipment to link to them to the internet and world wide web.
Fifteen cable companies pledged to provide 3,000 schools in 60 communities with the Internet connections in the coming twelve months. This, as part of a new industry-wide program that aims to eventually hook up all elementary and secondary schools in the United States. National Cable Television Association president Decker Anstrom, told the nations press that the goal is to wire as many of the nation's 95,000 private and public elementary and secondary schools as soon as is possible. Once the schools are wired, it will be interesting to see if educators are willing to continue training in ham radio or if it will all go to the web and internet domain.

(*****
TEXAS ATV FORUM

Twenty four registered attendees showed up at the First Texas ATV conference. Presenters included Bill Potter, N5MBM, Fred Juch, N5JXO, Henry Ruh, KB9FO, and several others. The gathering was sponsored by the Houston Amateur Television Society, Inc.

(*****
COLLOQUIUM '96

And this years Amsat-UK Colloquium at the University of Surrey was attended by 92 people from five continents. The big news reported was the fact that Phase 3D is almost certain to fly on the Ariane 502 as early as mid February 1997. Phase 3D is not insured. As such, this flight worries several people. Professional opinion is that the Ariane 502 flight has to be successful if the European Space Agency is to retain credibility in the launch business.

(*****
ARRL HONORED FOR SAREX

The American Radio Relay League has been honored for its role in the Shuttle Amateur Radio Experiment or SAREX program. The League was recently named one of 43 American Society of Association Executives ''Award of Excellence'' winners. The society presents the annual awards to associations whose work best exemplifies the leadership role of associations in creating a positive business and social climate.
Educational Activities Manager Rosalie White, WA1STO, submitted an entry earlier this year on behalf of the League. Award of Excellence winners were recognized at an August 11th ceremony in Boston.
By the way, the present "waiting time" for a school to have a SAREX scheduled contact now averages one to two years.

(*****
SAREX NAME CHANGE

What happens to the Shuttle Amateur Radio Experiment when the U.S. starts to use other space platforms than the Shuttle? Consideration is being given to replacing the word "Shuttle" with "Space"; this would, of course, retain the present acronym SAREX.

(*****
SEDSAT UPDATE

And the Marshall Space Flight Center's Small Expendable Deployer System will not be a part of the SEDSAT mission on STS 85 slated for launch on July 17, 1997. This is a result of difficulties the Marshall Center was having in assuring the safety of the Shuttle due to the tether during the deployment.
The SEDSAT Project Team hopes to the launch on the STS 85 shuttle flight.

(*****
SAT BAND PROTECTION

From overseas, word that Region One of the International Amateur Radio Union is extending its Monitoring Service to protect the satellite bands as well as HF. In Europe, terrestrial interference to satellite operations it is a big problem in some countries. For example, signals from alleged Spanish taxi communications in the 2 meter band frequently block satellite uplinks. While the problem exists outside Region the other regions have not yet made the commitment to support IARU Monitoring Service.

(*****
SPACE STATION

Also, plans for the International Space Station include digital, sstv and atv modes as well as the traditional transponder FM, SSB and CW modes. Likely bands are 21 to 28 MHZ on ssb as well as 144, 435 and 1260 MHZ. It is anticipated that all operations will utilize external antennas installed during a space-walk.

(*****
GB2RS SCRIPTS

And the Radio Society of Great Britain's GB2RS scripts, including the regional news bulletins, are now available on the RSGB Headquarters Home Pages on the Internet. The pages were officially launched on July 1st. The address is:

http://www.rsgb.org.

(*****
MSN REOPENS THE HAM RADIO FORUM

Bruce Baily, KA6TFH reports that Microsoft Corporation has restored the Ham Radio Forum to its Microsoft Network. No reason was given by Microsoft on its about face after disbanding the forum.

(*****
W2CRS RETIRES

Congratulations to Doug Allen, W2CRS, on his retirement after 21 months
as editor of the Rocky Mountain VHF Newsletter. His work in starting and
editing the newsletter has contributed much to the VHF fraternity.

(*****
VHF CONFERENCE

The 22nd annual Eastern VHF/UHF Conference is set for August 23-25 at
the Quality Inn and Conference Center in Vernon, Connecticut. For
registration information, contact:

Rae Bristol, K1LXD
328 Mark Dr
Coventry, Connecticut
06238

(*****
SEANET WORLD WIDE DX CONTEST 1996

From the contest calender, the Madras Amateur Radio Society is inviting
world wide participation in this year's "SEANET 96" contest. This, to
publicize the 24th. Annual Seanet Convention in Madras, South India, on
November 22nd to the 24th,

(*****
WORLDS TALLEST BROADCAST TOWER

A mountaintop just east of the Duke City is the new home of the nations
tallest broadcast transmission tower. The trade publication Television
Broadcast News reports in its July issue that Andrew Corporation has
completed installation of the new structure for Albuquerque, New Mexico
stations KRQE and KASY. Located atop Sandia Crest, the tip of the new
tower stands 10,849 feet above sea level and provides excellent coverage as
far away as Los Alamos and Santa Fe.
This is no ordinary tower either. According to Andrew, the structure is
designed to support eight inches of ice on every one of its components
simultaneously at 70 lb per square foot of wind pressure.
All of this makes us wonder how long it will be before hams at the
station decide to put up the highest repeater in the United States.

(****
And for this week, that's all from the Amateur Radio Newsline. You can
write to us at:

NEWSLINE
P.O.Box 660937
Arcadia, California
91066

For now, with Bill Pasternak, WA6ITF at our editors desk, we at Newsline
say 73 and we thank you for listening.

(* * * Newsline is copyright 1996 & all rights reserved. * * *
--
< ^^>

< "Big Steve" Coletti >
< Computer and Network Installation, Upgrades and Repair. >
< Internet: bigsteve@dorsai.org >
< I was balding, then I installed Windows 95 and pulled the rest out. >
< US Mail: P.O. Box 396, New York, NY 10002 >
< Fax Weekdays/Voice Weekends: +1 212 995-2637 >
~~~~~~
~~~~~~

807. TECH. REF NEEDED FOR HEATHKIT DX40 TRANSMITTER

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-11 00:00:00 UTC
From: chasteen@juno.COM
Message-ID: <19960810.201341.18654.19.chasteen@juno.com>
Source record: 219053

Hello all

I Just become the proud owner of a /heathkit DX40 Transmitter and need
all the technical info I can get. I dont have anything. Min. essential ..
a
schamentic and parts list.

Any assistance will be appreciated.

Thank You,

John

St. John of Wood Dale ======================================
John Chasteen (Near the center of the Universe...)
1 Thes 5:16 (Near Chicago, Illinois.. USA)
voice 630-860-2580 chasteen@juno.com
==

808. Re: OPINION on YAESU FT-10 NEEDED!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-11 00:00:00 UTC
From: Thomas Gasta <tomgasta@worldnet.att.net>
Message-ID: <4ujd6r$q4p@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 219054
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Dan Cornett <dcornett@cts.com> wrote:
>Thomas Gasta wrote:
>>
>> Have an FT10 and FT40, used FT10 less than 1 hour since purchased at
>> Dayton. I like the audio on both radios, features are great, out of band
>> mod works great, and DPL works even better. I bought the FT10 because I
>> bought the FT40 before Yaesu introduced the FT50, so I "needed" a VHF
>> radio to go with the UHF. If your interested in Ham radio only, not
>> stereo reception of FM stations, the price difference between an FT10 and
>> a FT50 is something to look at very carefully.
>>
>> Tom
>Tom,I am going to buy a FT10 soon ..can you send me e-mail on out of
>band mod? Do I need to purchase the software for the mods?
>Dan ..dcornett@cts.com
Dan,

I dont have anything in writing, someone faxed me a diagram. All I can remember is that you remove the keypad by unscrewing the screw underneath the Nicad label on back of radio. Then, on the board under the keypad, main radio board, not keypad board, is a few very small chip 0 ohm resistors. One of them must be removed, and a radio reset performed. Can't help on which one.
Tom

809. Need Yaesu FT5200 Aircraft & 800MHz rcvr mods

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-11 00:00:00 UTC
From: gmcavoy@scanware.com
Message-ID: <320d3f63.14752077@news.oz.net>
Source record: 219055
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I know about the CAP/MARS and extended VHF/UHF receive mods but would like to get the Aircraft & 800MHz receive mods if anyone knows them. Thanks!

Gene / KG7XD
gmcavoy@oz.net

810. KLM Multi-2700 Schematic Wanted

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-11 00:00:00 UTC
From: Stephen Burney <sburney@earthlink.net>
Message-ID: <320DB949.7FAB@earthlink.net>
Source record: 219056

I am looking for a copy of a schematic for the KLM Multi-2700 2 meter
all mode. I would be willing to cover any costs for copying.

Thanks
Steve
KD6QPQ
sburney@earthlink.net

811. MALICIOUS INTERFERENCE PT2

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-11 00:00:00 UTC
From: daughert@cnmnet.COM
Message-ID: <199608110250.VAA09908@future.cnmnet.com>
Source record: 219057

Hello Again

First, i would like to thank thoses who have replied to my letter Malicious Interference. second I would like to point somethings out. First WB9YHQ is the control operator/station licensee of the 146.955 Me and him both agree that he should be the one to say there is "interference" Second I have written the Federal Communication Commission (FCC) back in febuary. the Law Enforecment Division sent it to the Compliance and Information Bureau in Chicago who in term sent it to the Amateur Auxiliary Representative and stating in their letter to me that the letter was sent to them by the Wireless Bureau, concerning the possible abuses in the amateur service. Finally all this started when i got exempted for my general licenses. the ones complaing about it was the same one s about the repeater and packet. but that is what started all...and it is also neat that one of those complaining about my liceses is a also a VE. but thinks all for your comments
Todd N9OGL

812. 3D2PI MM Special Event Update with QSL Info (12 Aug)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-11 00:00:00 UTC
From: Julian Sortland <julian@zeta.org.au>
Message-ID: <4ukt9n$ps8@gidora.kralizec.net.au>
Source record: 219058

12 August 1996

Hello All,

This is some updated information on Peter, 3D2PI's activities, and QSL Info.

Peter (VK2ZPH) is currently Maritime Mobile in the South Pacific, aboard the Island Mercy using his Fiji call 3D2PI. The ship is currently in Vanuatu, where it will stay until it sets sail for Newcastle, NSW, Australia, to arrive on 25 August.

The Island Mercy is a 1000 tonne, 150ft hospital and missionary ship pperated by Mercy Ships, which is the marine wing of Youth With a Mission (YWAM).

Equipment includes an ICOM HF base/mobile transceiver, tuner, and an "inverted V" antenna suspended from the rear mast. Peter also has a Yaesu FT-23R 2m handheld which will be used while near land (including the VK4 & VK2 on the way home).

The schedule is as follows:

Times : 0100 UTC and 1030 UTC (11:00am and 8:30pm Eastern Australian Time).

Frequencies (kHz): 80m 3605, 3612
40m 7050 Primary frequency
20m 14200
15m 21200

All +/- QRM.

Communication will first be attempted on 40m. Should contact not be made, 20 and 15m will be tried in that order. 80m is being abandoned for the time being.

This weekend Peter also made skeds at 0500 UTC, and this may continue on future weekends.

Peter's QSL Manager is Simon Clowes.

QSL cards should be sent to:

3D2PI c/- VK2WLM
133 Taylor St
Glen Innes NSW 2370
AUSTRALIA

Also see my Web page: "http://godzilla.zeta.org.au/~julian" which includes link to other info on the ships.

Thanks,
Julian.
julian@zeta.org.au

813. 3D2PI MM Special Event Update with QSL Info (12 Aug)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-11 00:00:00 UTC
From: Julian Sortland <julian@zeta.org.au>
Message-ID: <4uktah$q2m@gidora.kralizec.net.au>
Source record: 219059

12 August 1996

Hello All,

This is some updated information on Peter, 3D2PI's activities, and QSL Info.

Peter (VK2ZPH) is currently Maritime Mobile in the South Pacific, aboard the Island Mercy using his Fiji call 3D2PI. The ship is currently in Vanuatu, where it will stay until it sets sail for Newcastle, NSW, Australia, to arrive on 25 August.

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All +/- QRM.

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133 Taylor St
Glen Innes NSW 2370
AUSTRALIA

Also see my Web page: "http://godzilla.zeta.org.au/~julian" which includes link to other info on the ships.

Thanks,
Julian.
julian@zeta.org.au

814. A new DX award

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-11 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <320DB736.14CF@ccsnet.com>
Source record: 219060

This is a bulletin on behalf of the Societe Ancient Telegraphers Intentional Reducio Extremis (SATIRE), one of the world's smallest and slowest growing amateur radio operating awards organization. The group hereby annouces a brand new certificate : the WORKS ONLY DX (WODX) AWARD. (hates Americans).

This is an on-your-honor award; no QSLs are required. If you qualify in your own mind , you get the award without needing to submit proof. This is a NO FEE award. To receive your certificate, simply copy the certificate below to file, then edit the file to include your callsign, check any special endorsements, and then print out and post it in your shack.

Certificate:

"SOCIETE ANCIENT TELEGRAPHERS INTENTIONAL REDUCIO EXTREMIS"

-- WORKS ONLY DX AWARD --

In recognition of an extraordinary operating accomplishment, amateur radio operator _____ is hereby awarded the prestigeous Works Only DX Award, based upon the fact that said operator limits his contacts to DX STATIONS ONLY, and has not, within the past 6 months, had any on-the-air conversation (either by CW, phone or other operating mode) with any other operator residing in his own country.

In addition to denying himself the pleasure of chatting with his fellow countrymen (in dedication to his single-minded pursuit of rare DX contacts), said operator has achieved further distinctions. The following special endorsements to this certificate also apply:

( ) Works only stations from countries from which he has not already received a QSL card.

( ) Devotes at least 6 hours each day to monitoring packet cluster spots

( ) Exchanges only minimal information, to avoid unnecessarily prolonging contacts and learning what real people are like.

( ) Abruptly terminates any domestic contact which may have been erronously made during the heated pursuit of DX for fear of actually getting too personal.

* END *

815. Repeaters in UA4, Russia, Volga area

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-11 00:00:00 UTC
From: "Oleg A. Chernozyomov" <victoria@rada1.saratov.su>
Message-ID: <ADOrA3oWIC@rada1.saratov.su>
Source record: 219061

REPEATERS IN THE 4TH CALL AREA OF RUSSIA (VOLGA)

		Output	Input	CTCSS
Name	Location	Coverage	Freq.	Freq.	Tone, Hz
R 1 RR4HA	Samara,UA4H Togliatti Otradny, Syzran	Samara,	145.025	145.625	No
R 3	Samara, UA4H Togliatti Otradny, Syzran	Samara,	145.075	145.675	94.8
R 2	Zhigulevsk, UA4H Otradny, Syzran Ulianovsk Dimitrovgrad	Togliatti Samara	145.050	145.650	No
R 4	Togliatti, UA4H Otradny, Syzran Ulianovsk Dimitrovgrad Penza	Togliatti Samara	145.100	145.700	No
R 1 RR4CA	Saratov, UA4C Balakovo,Yershov, Kamyshin.	Saratov, Engels Atkarsk, Volsk	145.025	145.625	No

73, de UA4CIF

816. Free Mac Ham Radio Test Simulators + CW ++

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-11 00:00:00 UTC
From: john@wd1v.mv.com
Message-ID: <john-1108960727540001@wd1v.mv.com>
Source record: 219062

FREE - BRAND NEW Macintosh HAM TEST SIMULATORS

Upgrade Fast!

S I M U L A T E the test and get S T I M U L A T E D!

Studying for the ham tests and have access to an Mac? If it runs System 7.XX
and has 4 Meg or more of memory, you're in business with WD1V's Ham Test
Simulators, Morse Programs, Ham Radio.FAQ, and superb "how to study" material.

The newest Macintosh Ham Test Simulators are HERE (and THERE if you can FTP)!

WWW http://www.mv.com/ipusers/wd1v

Or you may obtain a version "6" Ham Test Simulator by mailing me a *FORMATTED
disk HD disk (1.4 M) and include a Self Addressed and Stamped disk mailer for
the return. Specify the test you need.

Simulator Name Version Valid Until

Advanced Ham Test 6.0 June 30, 1998
Extra Ham Test 6.0 June 30, 2000
General Ham Test 6.0 June 30, 1998
Novice Ham Test 6.0 June 30, 1997
Technician Ham Test 6.0 June 30, 1997

Your comments and suggestions for future versions are always welcome.

ATTN: PC and other platform users:
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
My Home Page also links to sites that offer live ham test simulations right
over the net - plus links to Ham Radio.FAQ and VE session schedules.

Good luck with YOUR next test!

73,

John D. Seney |_|_|_|_| john@wd1v.mv.com
144 Pepperidge Dr |_| |_| www.mv.com/ipusers/wd1v
Manchester, NH 03103-6150 |_|_ _|_| wd1v@wb1dsw.nh.usa.noam
V 603.533.3472 F 627.1623 | | | | | Paging 5956779@skymail.com

www.lecroy.com/tm/appnotes/appnotes.html

817. New Ham Radio FAQ

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-11 00:00:00 UTC
From: john@wd1v.mv.com
Message-ID: <john-1108960731390001@wd1v.mv.com>
Source record: 219063

Announcing NEW Ham Radio.FAQ

This file started as a regular USENET posting called "rec.radio.amateur
.misc Frequently Asked Questions".

The evolving file was distributed far and wide thanks to passionate
contributors. The file was abandoned in 1994 and is being resurrected
now on the WWW for currency and convenience.

Ham Radio.FAQ contains 3 chapters and many, many links to radio
related sites!

Chapter 1 - Introduction to the Ham Radio.FAQ
Chapter 2 - Amateur Radio Organizations, Services, and Data Sources
Chapter 3 - Amateur Radio Advanced and Technical Questions

Please scan the file. Know of links that should be added? Info that
should be corrected? Let me know! All help is welcomed!

Please provide a copy of the Ham Radio.FAQ to any new or
soon-to-be Hams
that you know or share with them the URL to this site:

http://www.mv.com/ipusers/wd1v

73,

John D. Seney |_|_|_|_| john@wd1v.mv.com
144 Pepperidge Dr |_| |_| www.mv.com/ipusers/wd1v
Manchester, NH 03103-6150 |_|_ _|_| wd1v@wb1dsw.nh.usa.noam
V 603.533.3472 F 627.1623 | | | | | Paging 5956779@skymail.com

www.lecroy.com/tm/appnotes/appnotes.html

818. Re: TRW Swap Meet

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-11 00:00:00 UTC
From: Michael Rosenberger <rosenber@kaiwan.com>
Message-ID: <320E0031.7D34@kaiwan.com>
Source record: 219064

Dave Booth wrote:
>
> Scott wrote:
> >
> > I heard that on the last Saturday of every month, there is a TRW swap meet
> > in So. Cal. Where exactly is it?
> >
> > Scott, KF6FCN
>
> The TRW swapmeet is in Redando Beach.
> off the 405 at Redando blvd i think....
> starts at 7:00.am...
>
> http://www.geocities.com/Hollywood/5860
>
> --
> Dave Booth
It is in the TRW parking lot at the North West corner of
Aviation Av and Marine Av in the City of Manhattan Beach. Or you could
say it is in the
1800 block of Marine Av. The border between Manhattan And Redondo is
Aviation Av.

---Mike

819. HYGAIN TH3Mk3 HF ANTENNA UK

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-11 00:00:00 UTC
From: IAF <106032.2436@CompuServe.COM>
Message-ID: <4ukidh$m4p$2@mhadg.production.compuserve.com>
Source record: 219065
Cross-posted to: rec.radio.amateur.misc,rec.radio.cb,rec.radio.shortwave

I have for disposal numerous HF Radio Antenna. One off Hygain TH3 Mk3 Tribander Resonant on 10, 15, 20 Metres with Balun. Magnetic Loop Antenna Two Off LF 40 and 80 Metres and HF 10, 15 and 20 Metres Commercial manufacture not homebrew. If anyone is interested please email 106032.2436@compuserve.com. will ship anywhere.

--
106032.2436@compuserve.com

820. Re: JAMMERS ON 2 METER

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-11 00:00:00 UTC
From: wmunsil@aztec.asu.edu
Message-ID: <4ul1h7$e8h@news.asu.edu>
Source record: 219066

Is anyone else tired of this thread?
de N7AOU/ATV - ATV has channels.
--
Lernu la Internacian Lingvon - Esperanto!
1-800-828-5944 or email elna@netcom.com

821. * 4 SALE 10 AMP POWER SUPPLY * * * * FOR SALE ****

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-11 00:00:00 UTC
From: swamik <swamik@ele.uri.edu>
Message-ID: <320E32C2.62F5@ele.uri.edu>
Source record: 219067
Cross-posted to: rec.radio.amateur.misc,rec.radio.swap

Hi

I have a TrippLite PR-10B Power Supply for sale. It is
fully regulated and filtered (NO AC HUM). It will supply 13.8 VDC
and 10 Amps. I will sell it for $30 + shipping. Thanks. Please
email swamik@ele.uri.edu

73

822. *** Pocket Size SWR/PWR Meter FOR SALE *** 0-15-60W @ 2m + 440MHz

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-11 00:00:00 UTC
From: swamik <swamik@ele.uri.edu>
Message-ID: <320E3356.2C22@ele.uri.edu>
Source record: 219068
Cross-posted to: rec.radio.amateur.misc,rec.radio.swap,rec.radio.amateur.antenna

Hi

I have a Radio Shack Micronta VHF/UHF SWR/Power Meter for sale. It has a 15W and 60W setting on 2m or 440MHz. I will ship it UPS insured GROUND with original box/manual for $33. Please email swamik@ele.uri.edu

73

823. DR-605T Info needed

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-11 00:00:00 UTC
From: georgehe@unix.asb.com
Message-ID: <Dvz6HA.72A@news2.new-york.net>
Source record: 219069

Hi All,
Looking for mods and info on the Alinco DR-605T.
Do you own one ? Do you like it? Do you know the mods ?
Any help is appreciated. I'm interested in purchasing one,
but I'm hesitating, any advice is welcomed.

73, George

824. This one is just for you Burt

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-11 00:00:00 UTC
From: n5ejs@linknet.net
Message-ID: <8b7cc$829b.2cf@NEWS>
Source record: 219070

The last paragraph is just for you Burt, it came from WD1V's Web page. Now I'm sure that you can spit out some of those one-liners that you have been practicing on for your students this year. But it seems to me that you are starting to react to ALL people who post here as though they were from your SPECIAL group of snotty-nosed disrespectful kids that you will always get every year.

If you respond to ALL post in this manner, even the well thought out ones with good subject material, how can you expect ANY of your points or comments to be taken with anything other then the delete key? This applies to your class room also.

If you want good relevant discussion, you have to pour a little water in the pot so the bottom doesn't burn thus ruining the whole meal inside. But don't expect to get clams out of the pot when you only put in rotten potatoes. I guess you could look at it another way too. Just because you have a pot of boiling water, don't expect everyone to come running up with clams to toss in it. If they do come up with clams for the pot, why burn them with the hot water? The results will be the same as below. But Mark Twain says it very well and I leave you with that.

>We should be careful to get out of an experience only the wisdom
>that is in it---and stop there; lest we be like the cat that sits down on
> a hot stove-lid. She will never sit down on a hot stove-lid again---
>and that is well; but also she will never sit down on a cold one anymore.
>Mark Twain (Samuel Langhorne Clemens, American Writer, 1835-1910)

de N5EJS
Russ

825. Re: Q: DX-Cluster on the Internet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-11 00:00:00 UTC
From: wa4pgm@moonstar.com
Message-ID: <NEWTNews.839772069.29850.wa4pgm@wa4pgm.moonstar.com>
Source record: 219071

In Article<59949@4x4ac.ampr.org>, <4z5dk@4x4ac.ampr.ORG> write:
> I am searching for any DX-Clusters which can be accessed via the Internet.
>
> Any help will be much appreciated.
>
> --
> Best 73s de David / 4Z5DK
>
> ax.25 : 4Z5DK @ 4X4HF.ISR.MDLE
> E-Mail: 4z5dk @ 4x4ac.ampr.org
> 4z5dk @ 4z4zq-1.ampr.org
> --
>
I have these listed on my home page at:

http://www.moonstar.com/~wa4pgm/
GL 73,
Kyle

Current DX Spots
Dx Cluster Net
DX-Cluster i Sverige
F6CNB-6
Ft Wayne DX Association
IK5PWJ-6
IT9GSF
K9FN
KI8W-6
KS9K-7
N8BJQ
N9MXT
NF4L
NO4J
PY2XB-6
RW3AH-2
San Diego Cluster
SK6YW-6
VE3CDX
WB9DFD
WD5B

826. Russian R-148

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-11 00:00:00 UTC
From: "Lloyd A. Scott, Jr." <"wpul1130@concentric.net"@Concentric.net>
Message-ID: <4uks1o$11h@herald.concentric.net>
Source record: 219072

WTB Antenna for Russian R-148 transceiver. The antenna in appearance looks like the antenna for the Russian R-105M, however the base of the antenna that fits into the connector on the radio is SMALLER.
73's
Lloyd Scott

827. Amateur Vendor Directory

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-11 00:00:00 UTC
From: Bill Levey <bro@bro.net>
Message-ID: <320DF990.9B6@bro.net>
Source record: 219073

Posts appear here regularly in search of a particular Amateur Radio business on the web.

The most complete directory of Amateur-related vendors conducting business on the web is available at:

--> http://scott.net/~wa4fat/vendor.html

Enjoy!

828. Re: hamfest in british columbia canada

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-11 00:00:00 UTC
From: ve7gsf@netbistro.com
Message-ID: <4ul0g3$fot@scipio.cyberstore.ca>
Source record: 219074

In article <4ui7sv$4h@scipio.cyberstore.ca>, pat@netbistro.com says...
>
>it is hamfest time in northern british columbia canada.!!! welcome to
>all amateur radio people. details are on the pgarc home page . check it
>out at http://www.netbistro.com/~ve7duc/ hope to see you all there
73's
>
ammended address http;//www.netbistro.com/~ve7duc/hamfest.htm also
look at http;//www.netbistro.com/`ve7duc/ve7zzz.htm thanks for all the
replies. 73's

829. Re: No takers The Burt challenge.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-11 00:00:00 UTC
From: gpewitt@execpc.com
Message-ID: <NEWTNews.839786993.28413.gpewitt@execpc.com.execpc.com>
Source record: 219075

In Article<320BCF2B.79A1@ccsnet.com>, <k1oik@ccsnet.com> write:
> Path: daily-planet.execpc.com!newspump.sol.net!homer.alpha.net!news.ultranet.com!usenet.eel.ufl.edu!spool.mu.edu!howland.erols.net!vixen.cso.uiuc.edu!newsfeed.internetmci.com!in2.uu.net!not-for-mail
> From: Burt Fisher <k1oik@ccsnet.com>
> Newsgroups: rec.radio.amateur.misc
> Subject: No takers The Burt challenge.
> Date: Fri, 09 Aug 1996 19:52:11 -0400
> Lines: 20
> Message-ID: <320BCF2B.79A1@ccsnet.com>
> References: <320494BF.3ED6@juno.com> <4ueod6$1el@unet.net.com>
> Reply-To: k1oik@ccsnet.com
> NNTP-Posting-Host: 71.ccsnet.com
> Mime-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> X-Mailer: Mozilla 3.0b6 (Win95; I)
>
> Alan Larson wrote:
> >
> > But, Bert, you posted an advertisement a couple of months ago
> > that there was nothing interesting on, and you were selling your
> > gear.
> >
> > If you were telling the truth then, how does this relate to your
> > current claims?
>
> My gear is still for sale.
> I claim that hams will not engage me L I V E when they are open to
> all listeners.
>
> #===============#===#
> | Burt Fisher | Teacher of video, broadcasting and electronics |
> | Amateur call | South Dennis, Ma. (Cape Cod) |
> | K1OIK | Mr. Happy should not be happy all the time. |
> #===============#===#
> | k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
> #===#
Eat sh*t and die Burt.

830. * 4 SALE 4 SALE * KPC-3 TNC

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-11 00:00:00 UTC
From: swamik <swamik@ele.uri.edu>
Message-ID: <320E3206.212C@ele.uri.edu>
Source record: 219076
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.packet,rec.radio.amateur.digital.misc,rec.radio.swap

Hi

I have a Kantronics KPC3 TNC for sale. I will sell it for
$75 + shipping. Please email swamik@ele.uri.edu.

73

831. Re: FS: All Ham Bands, Reply to Republican Congress

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-11 00:00:00 UTC
From: Steve Ickes <thbizlk@pop.erols.com>
Message-ID: <320E5C10.5194@pop.erols.com>
Source record: 219077
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.amateur.policy

T E I X E I R A wrote:
>
> >The Democrats screw up and the Republicans have a party. Then the
> >Republicans screw up and the Democrats have a party.
> >
> >This is known as the 'two-party' system.
> >
> Yea.....Politicians treat us like Mushrooms.....They keep us in the dark and feed us Bull
> Shit!
>
> Dole ain't worth a damn & Clinton is a Republican in a Democrats cloths.
More like a socialist in Democrat's clothing. Oops, same thing! :)

832. Re: GMRS doesn't cut the mustard.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-11 00:00:00 UTC
From: Ed Ellers <edellers@delphi.com>
Message-ID: <5-NRgHh.edellers@delphi.com>
Source record: 219078

Rick Miller <rick@DigalogSys.com> writes:

>By the way, I was *amazed* at the *costs* associated with GMRS! All the
>local repeater groups expect at *least* $50/year for one-city coverage
>with no autopatch. The SEWFARS amateur repeater has autopatch and covers
>all of SouthEastern Wisconsin for only $15/year! Heck, they even have
>satellite receiving stations in the more distant areas I frequent.

There's a big difference between the two. With GMRS you can put mobile and portable radios in the hands of everyone in your immediate family for communication between them. The amateur service can only be used by those with their own licenses, so it's only good for family communications if the people involved have all passed the test.

Don't compare apples to oranges.

833. Re: VORTAC! (was: Re: Amateur RADAR?)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-11 00:00:00 UTC
From: Ed Ellers <edellers@delphi.com>
Message-ID: <5fNyYXI.edellers@delphi.com>
Source record: 219079

"C. Wheeler" <cwheeler@ccnet.com> writes:

>But I don't think Steve meant to say that. I think he trying to point
>out that GPS is going to make other forms of radio navigation obsolete -
>and it sounded like he was primarily addressing aviation (since this
>thread seems to be discussing VORTACs). And I think he his right.
>
>GPS is going to make maintaining most terrestrial, radio nav aids
>obsolete just based on economics. They could start shutting down VORs
>tomorrow and it would suit me fine (I know that others would be left out
>in the cold so I won't advocate such a shut down).

There's already a trend in general aviation toward radios that combine GPS and two-way voice capability as opposed to the traditional "nav/com" radios that combined communications with basic VOR capability (sometimes not even at the same time).

834. Need help Identifying Micor .mobile?. repeater

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-11 00:00:00 UTC
From: sidener@saucer.cc.umr.edu
Message-ID: <4ullu5$2m7@hptemp1.cc.umr.edu>
Source record: 219080

Hi, I just got hold of a Motorola Micor which I need help identifying.

It's model number is: Q2033A SN# 539CNW0006

It is a UHF (462 MHz) radio with 10 reciever channel elements.
There isn't any place for TX elements so I assume it derrives the TX freq
from the RX channel elements.

On the end of the radio there is n extension aout 5 inches long. In that
extension there is a duplexer! It is set up on a 5MHz split.

The radio has two RF connectors on top 1 UHF and 1 BNC.

The radio also has a tone board.

This looks like a perfect candidate for making a 440MHz repeater.

Can anyone give me more info on this radio? I have a VHF Micor mobile
manual and a 50MHz Micor repeater manual, but nothing I have comes close
to this. I need to find someone with a manual.

Also, why does it have two RF connectors at the top and can I use a
regular Micor control head with it?

Any help would be appreciated.

Thanks,

Scott Sidener
N0WFL

835. Mod for DJ-582T

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-11 00:00:00 UTC
From: jhoyle@trellis.net
Message-ID: <320e5fdc.0@news3.paonline.com>
Source record: 219081

Looking for Mod to wideband Rx DJ-582T to 900MHz

836. MORE JOHNNY REBS!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-11 00:00:00 UTC
From: arc5@ix.netcom.com
Message-ID: <4ulkfd$ii1@sjx-ixn1.ix.netcom.com>
Source record: 219082

> Remember Andersonville!
>
>OLX 1.53 --------------> 73, de NK2U
>
There were as many southern patriots dead of starvation
and disease in northern concentration camps as in
southern prisoner of war camps....
and the yankees had the food and medicine
that the south lacked.

However--the victors get to write the history books
and tell whatever lies make them look the best,
and the vast hords of sheep accept it.
That's life, I guess.

Anyhow, this isn't a thread for this group,
but I couldn't in good conscience let that bit of
ill-informed yankee bigotry go unanswered.
Please flame me to your heart's content....
in email, not here.

Dave Stinson AB5S
arc5@ix.netcom.com
great-great-grandson of
Major William Stinson,
18th Mississippi Infantry,
who's family never owned a slave
and fought to protect their homes
from raping and pillaging invaders.

837. Ham Radio Online web site is still "on the air"

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-11 00:00:00 UTC
From: vbook@vbook.com
Message-ID: <4ulm2f$8rc@news.accessone.com>
Source record: 219083
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

The Ham Radio Online web is still "on the air." However, our new web server located in California's Silicon Valley lost power during the massive west coast power outage this weekend and as of Sunday morning (U.S.) 11 August the http web server is still not functioning. Our ftp access to the web site came back up this morning so we've updated the files. We assume the web server will be brought back online by Monday.

You can access the Ham Radio Online web site at:
http://206.13.40.11/
(www.hamradio-online.com when InterNIC gets their directory updated.) You can also check for updates at our backup web address:
http://www.accessone.com/~vbook/hronline.htm

We've completely redesigned the "List of Other Ham Radio web sites", "Commercial Products Directory" and the Ham Radio Online Library for easier access to all the information that is stored online. It really looks cool and we had a lot of fun learning how to use "frames" for the web pages.

Thanks!
Ed, KF7VY

Ed (KF7VY) and Kim (N7VPL) Mitchell
email to vbook@vbook.com
Visit Ham Radio Online, it's free! at
http://www.hamradio-online.com

838. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-11 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <4uls18$ig1@cc.iu.net>
Source record: 219084
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

In <4uapth$d8c@mmlab15.mm>, pecampbe@mtu.edu (Paul E. Campbell) writes:
>n7ory@primenet.com wrote:
>: gfiber@halcyon.com (Gary Fiber) wrote:
>:
>: It won't be long before our stools must be tested to comply with EPA

>Uhh..you do realize that rainwater does not meet EPA regulations for discharge
>into public bodies of water? EPA rules say pH MUST be 6-8. The fact that
>absorbed carbon dioxide makes it pH 5.5 makes rainwater a violation of EPA
>regulations.

kewl.

>Also spring floods due to particulates. To say nothing of natural background
>radiation, mercury, lead, etc., in areas that have that stuff.

supposed to be a place in alaska that had to dump fishing waste into a stream upstream of a water treatment plant so it could be shown that the addition of the waste treatment plant water would improve the water's quality (had to do with EPA rule requiring treatment plant to improve water quality x%, without taking into account the initial condition of the water or what the water would be like if the treatment plant were not there....). anyone got the exact info on this one?

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

839. Re: FCC Ruling Prohibits Unreasonable Restrictions on TV Antennas

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-11 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <4ulrpr$ig1@cc.iu.net>
Source record: 219085
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwaverec.radio.amateur.misc

In <320A8CEE.2C0A@csra.net>, "James F. Boehner, MD" <jboehner@csra.net> writes:
>Bill Sohl wrote:
>> vbook@vbook.com (Ed Mitchell) wrote:
>> >In a major ruling, the FCC declared void local laws prohibiting
..
>> >must be allowed to install TV antennas. Longer term this ruling may
>> >have important ramifications for eliminating restrictions on Amateur
>> >Radio antennas.
>>
>> Wow, do I have a couple of ideas for some QST articles
>> that begin with a title: How to build a (enter your
>> favorite band here) meter antenna that looks like a TV
>> antenna :-)

actually, wouldn't a TV antenna work for 6 and 220 without too much effort?
and 2m might just work on an LP type antenna...will have to see if it's possible
to do some measurements....wouldn't expect there to be too much modification
needed for the use of an existing TV antenna as a transmitting antenna in
the amateur service -- short of adding a balun (6:1 for 300:50 transformation) and
maybe doing some minor changes to the element lengths.

>>
>> Bill Sohl K2UNK
>> ARRL Local Gov't Liaison, Mt. Olive Township, NJ
>
>How about a sky of aluminum with a $40 Radio Shack Antenna on top?
>YES!!!!!
>73 de JIM N2ZZ

i wouldn't push it too much as first until things become established for joe sixpack
to have antennas up again.

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

840. IPS Daily Report - 11 August 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-11 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <4ulqb9$hqs@flare.syd.ips.oz.au>
Source record: 219086
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 11/2330Z AUGUST 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 11 AUGUST AND FORECAST FOR 12 AUGUST - 14 AUGUST

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 73/10

GOES satellite data for 10 Aug
Daily Proton Fluence >1 MeV: No data available
Daily Proton Fluence >10 MeV: No data available
Daily Electron Fluence >2 MeV: No data available
X-ray background: No data available
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
12 Aug 13 Aug 14 Aug
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 12 Aug: 73/10

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Quiet

Estimated Indices : A K Observed A Index 10 Aug
Learmonth 3 2111 1111
Fredericksburg 5 6
Planetary 4 5

Observed Kp for 10 Aug: No data available

2B. MAGNETIC FORECAST
Date Ap Conditions
12 Aug 5 Quiet
13 Aug 8 Quiet to unsettled
14 Aug 8 Quiet to unsettled

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band

Date Low Middle High
11 Aug Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
12 Aug Normal Normal Normal
13 Aug Normal Normal Normal
14 Aug Normal Normal Normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
11 Aug 2

Observed Australian Regional MUFs:
near predicted monthly values

Predicted Monthly T index for August: 10

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
12 Aug 10 near predicted monthly values
13 Aug 10 near predicted monthly values
14 Aug 10 near predicted monthly values

--
IPS Radio and Space Services | email: rwc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/rwc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/rwc/
tel: +61 2 94148300 | fax: +61 2 94148331

841. QST Interference article needed

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-11 00:00:00 UTC
From: keving6116@aol.com
Message-ID: <4um265$r6h@newsbf02.news.aol.com>
Source record: 219087

I have miplaced my QST from a couple of months ago. It had an article on interference from small electrical appliancers. My neighbor is giving me an S-9
AC buzz from his newly installed alarm system. It seems to me that a regulated power supply would help, but I cant find the article to back me up. I will pay copy and postage.

Kevin W1FWB tnx

842. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-11 00:00:00 UTC
From: "Bill Turner, WB4ALM" <wb4alm@gte.net>
Message-ID: <320EA652.28BA@gte.net>
Source record: 219088

Drew Durigan wrote:
>
> ..and I'm CERTAIN that all those illegal CB'ers who are running 1KW amps
> in their cars are going to run right out and comply with these new rules,
> right?
>
> -Drew in Sunny Central Florida-
> KF4DDM

Lets see, The FCC doesn't have the staff for enforcement.

Could this be a way to get a different agency responsible..

Look out CB'ers - here comes the EPA!

843. Ohio/Penn DX Bulletin #266

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-11 00:00:00 UTC
From: kb8nw@barf80.nshore.org
Message-ID: <$opdx.266.1996@ampr.org>
Source record: 219089
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

SB DX @ WW $OPDX.266
Ohio/Penn DX Bulletin No. 266

The Ohio/Penn Dx PacketCluster
DX Bulletin No. 266
BID: $OPDX.266
August 11, 1996
Editor Tedd Mirgliotta, KB8NW
Provided by BARF-80 BBS Cleveland, Ohio
Online at 216-237-8208 14400/9600/2400/1200/300 8/N/1

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, N5OGP, K6ANP, NL7TB & USI, 5B4JE, 4Z5GY, DF4RD, F5CCO, F5JJW, F5JPE, G0ARF & BARTG GB2ATG News, JA1HGY, JF2MBF, JJ2QXI, PA3ERC, RA3AUU and VP2ML/WB2CHO following DX information.

SPECIAL NOTE FROM THE EDITOR. Please send all DX announcements/information ONLY to the addresses below and NOT to the distribution InterNet address of: dxinfo@barf80.nshore.org

4X9 & 4Z9, ISRAEL. The prefixes of 4X9 or 4Z9 are being used by Israeli novice class licences. Following the 9 digit, there should be 3 letters suffix (e.g. 4Z9FIG). This licence permits operating on HF (40 and 15 meters) in CW mode only.

6Y, JAMAICA. Fred Maia, W5YI (editor of the W5YI Report), will be operating as W5YI/6Y5, August 11-18th. Look for his 5-watt CW signal 10-40 kHz up from the bottom of the 20 and 40 meters bands. QSL to his home address: P. O. Box 565101, Dallas TX 75356-5101.

A35, TONGA (UPDATE). An update received direct from Paul Kidd, KK6H, now signing A35RK, states he arrived in Tonga on July 31st. He became active on August 1st and at the present, he is operating 40-30-20-17-15 meters with operations on CW/RTTY/AMTOR. He is expecting a "package" of new antennas from Force 12 soon. When they arrive he will be active on 80-10 meters. Paul states again there will be NO 160 meter operation at present, and it's very doubtful that he will have a 160 meter antenna in the near future. Paul also mentions the following: "The "A35 BURO" situation is still uncertain. Discussions with the Director of Tonga Telecom, Hama Naati, are in progress. What we may end up with...and this is only a very preliminary speculation...is a bureau which will only handle cards for paid-up members of the Tonga Amateur Radio Society."

CARIBBEAN DXPEDITION. Peter/PA3BBP, Rob/PA3ERC, Ronald/PA3EWP and Dick/PA3FQA, all members of the Contestgroup Oude Maas (PI4COM), will spend their HAM holiday on Guadeloupe (FG), Dominica (J7) and Martinique (FM) between September 13th and October 6th. They will be active with two stations around the clock on all bands CW, SSB and RTTY. The equipment will be two FT990s, two R7000s and many copper wires to make an antenna for the topband. Their schedule looks as follows:
FG-GUADELOUPE
September 13-18 - Signing as FG/homecall and will be active during the WAE SSB Contest.
14-15 - Using a special call, TO5C (callsign not confirmed yet) as a multi-single entry.

J7-DOMINICA
September 18-30 - Signing as J7/homecall and will be active during the CQWW RTTY Contest with a special callsign J77C (not confirmed yet) as a multi-single entry.

FM-MARTINIQUE
Sept 30 to Oct 6 - They will be active as FM/homecall.

All QSLs will be handled again via PA3ERC by the bureau or direct to Rob Snieder, Van Leeuwenstraat 137, 2273 VS Voorburg, Holland.

CORRECTION. In last week's bulletin (OPDX.265), we mentioned the activation of TM5BEN from Bendor Island as a IOTA island. We have learned since then Bendor is not an IOTA, but this island is valid for the DIFM (Diplome from French Metropolitan Islands) Award.

DX, PHILIPPINES. Nao, JA1HGY, will be active August 13-16th, as DX1RVN. From Manila his suggested frequencies are: 10104, 10114, 18074, 18134, 24894, 24934 etc.... QSL via JA1HGY, Nao Mashita, 8-2-4 Akasaka, Minato, Tokyo 107, JAPAN

FO0, FRENCH POLYNESIA. The LYON DX Gang will once again be active to provide IOTA and EWWA contacts. They will be signing FO0SUC (same as 1995 operation from OC-66 and OC-131). Their activity will be all HF bands on CW and SSB. From October 9-14th, they will be active from Rurutu Island (OC-050). This island is located at 580 km south of Tahiti in the archipelago of Australes. Their operating QTH will be on the north shore, nearby Moerai. They report a submission will be made for a new DXCC country (after 2 failed attempts)!!! From October 14-19th, they will be active from Tubual Island (OC-152). This island is located at 670 km, south east of Tahiti and their operating QTH will be Mataura village in the north shore of the island. Their equipment will be a Kenwood TS-50, a vertical HF6V and a 20 meter dipole. The QSLs must be sent via the bureau to F5JJW or direct to: P.O. Box 7, 69520 Grigny, France.

FREE COPY OF "ISLAND HOPPER". Terry, W9JOO (E-mail: qrziota@aol.com), reports you can receive a FREE copy of "Island Hopper", which is published 26 times a year and is devoted to island hunting anywhere in the world (IOTA, USI, CAN. ISLANDS). Just E-mail Terry your call and mailing

address; and a copy of "Island Hopper"/Subscription infomation will be on their way 1st class mail! Published by Art, N2AU (Publisher of Inside DX) and Terry, W9JOO (Contester & DXer).

GW, ST. TUDWALS ISLAND (WALES). This Welsh island, IOTA EU-106, will be on the air August 16-18th. The callsign to be used is GB2STW. Activity will be mainly on 20 meters (ed. probably on 14260 kHz), but there will be some 80/40 meters operation. This activity was postponed earlier from June due to bad weather. QSL via G3JNJ or via bureau.

JD, OGASAWARA ISLAND (Just a reminder!). Begin looking August 14th for a large operation to take place from here. Operations will last for about 9 days with the team signing JD/7J1AYK. Details on frequencies and their WEB-site can be obtained in OPDX.263 by sending a message to:

opdx-request@nshore.org
SUBJECT: archive
get volume96/263.0 (In the message text. This is case sensitive.)

KL7, ALASKA. Jerry, KD0WZ/KL7, is currently active from Middleton Island, Alaska (NA-042 and AK-132S). Listen to the IOTA frequency of 14260 kHz where Jerry will report in from time to time (if time permits). Jerry is a U.S. Government engineer at the FAA station on the island. If you need Jerry, a sked can be arranged via E-mail by Mike, AL7OB, who works him on 75 meters most nights. Mike's InterNet E-mail address is: melum@anc.ak.net

NEW OFFICERS FOR DX CLUBS 1996-97.....
The following were elected officers in the Oklahoma DX Association. These members will serve during the 1997 associational year (October 1, 1996 through September 30, 1997).

President - Jim Hood, WV5S
Vice President - Ross Hunt, K5R
Vice President - Steve Sweetko, AA4BG
Secretary/Treasurer - Mark Byard, N5OGP

QSL DATABASE (FREE!). Download the latest QSL info file for FREE via the WWW. The latest version now contains over 43.000 QSL Managers or direct addresses. This file is updated monthly and the best part is it is free. Get your copy at URL: http://www.coredcs.com/~mtw

QSL CARDS UPDATE.....
Masahiro, JJ2QXI, reports that all the direct requests for VP5/JJ2QXI have been sent. Cards via the bureau will be sent after VP5/JJ2QXI becomes a member of Japan Amateur Radio League....

RTTY CONTEST. Here is your chance to work some new ones on RTTY! The SARTG WW RTTY Contest will be next weekend and has three periods of operation starting 0000-0800z and 1600-2400z Saturday, August 17th. The final period is 0800-1600z Sunday, August 18th. Exchange consists of RST plus QSO serial number commencing 001. Bands to be used are: 3.5, 7, 14, 21 and 29 MHz.

SPECIAL CALLSIGN. Aris, 5B4JE (Genernal Secretary of CARS), reports Cyprus stations for the months of August and September will be using the special callsign C4UWC. The callsign will be used to celebrate the 5th World University Windsurfing Championship which will take place in Limassol, Cyprus. Participating stations will be signing their callsign/their suffix.

VP8, FALKLAND ISLANDS. Sergej, RW0LBW, is currently signing VP8CWI and is the first Russian HAM on Falklands. He started his activity in the middle of July and will be active for about 1 year. There have been no QSNs reported recently. Sergej does ask for QSLs to be sent: Box 559, Stanley, Falkland Island

VK0, HEARD ISLAND (Team Update). Bob, KK6EK, announces one member of the team for the Heard Island expedition unfortunately had to withdraw for professional reasons. Bob states, "We therefore have a vacancy. If you are interested in joining the expedition, please contact us." The current team is: EA8AFJ/Michel Sabatino, HB9AHL/Willy Rusch, JH4RHF/Junicho Tanaka, KA6W/Ted Algren, K0IR/Ralph Fedor, K4UEE/Bob Allphin, K9AJ/Mike McGirr, KK6EK/Robert Schmieder, N6EK/Bob Fabry, NP4IW/Carlos Nascimento, ON6TT/Peter Casier, PA3DUU/Arie Nugteren, RA3AUU/Igor Booklan, VK2TQM/David Muller, W6OTC/Glenn Vinson, W8FMG/Wes Lamboley, WA0PUJ/Glenn Johnson, WA3YVN/Al Hernandez and 9V1YC/James Brooks. Bob can be reached via E-mail: cordell@ccnet.com

WH0, MARIANA ISLANDS. Yoshi, JE2EHP, and Nob, JF2MBF, will be on the air from Rota Island as WK3D/WH0, from August 11-17th. Activity will be on 40-10 meters with operations on both SSB and CW. All QSLs should go to JF2KOZ either bureau or direct (SASE).

1997 INTERNATIONAL DX CONVENTION will be held at the Centre Plaza Holiday Inn, April 4-6, 1997. The Park Centre Fresno location is more spacious than the Visalia venue. More rooms are available, as is RV parking. There will be a special convention rate of $78.00 per room. The telephone number is (209) 268-1000.
Convention Co-chairman Rich, WB6UDS and Rich, AB6ZV promise that this convention will have more activities and prizes. And, in addition to the usual convention patch, every registered attendee will receive a unique gift. Future notices and details will be forthcoming.

-=-
OPDX INTERNET SUBSCRIBE/UNSUBSCRIBE REQUEST: opdx-request@nshore.org
OPDX WORLD-WIDE WEB HOME (provided by John, K8YSE):
http://www.en.com/users/k8yse/opdx.html
-=-
Excerpts and distribution of The OPDX Bulletin are granted as long as KB8NW/OPDX/BARF80 receive credit. To contribute DX info, call BARF-80 BBS online at 216-237-8208 14400/9600/2400/1200/300 and leave a message with the Sysop or send InterNet Mail to one of the two following addresses:
kb8nw@barf80.nshore.org -or- aq474@cleveland.freenet.edu
- OR - Send a message via packet to KB8NW @ WA8BXN.OH.USA.NA
- OR - Use the VOICE or FAX answering machine at 216-237-8208 which shares the same phone line as BARF-80 BBS using a data/fax/phone switch.

To access: 1) Dial Number. 2) Wait for first ring (the second ring should be a false ring from the fax/data switch box) and then dial four quick ones ("1111"). (NOTE: Some FAX machines that send single "BEEPS" every second will not have to do this step.) 3) The phone will pick up and after the "BEEP" leave your voice message or FAX.

/EXIT

Tedd Mirgliotta KB8NW
InterNet: kb8nw@barf80.nshore.org
Basic Amateur Radio Frequency BBS (BARF-80) +1 216/237-8208
"Totally devoted to Amateur Radio" - 24 Hrs a day 8/N/1 14.4k-300 baud

844. RF EXPOSURE

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-11 00:00:00 UTC
From: roland.stiner@hobbs.com
Message-ID: <8C6351E.0029006789.uuout@hobbs.com>
Source record: 219090

To: mikef@pacifier.com
Subject: RF EXPOSURE

M>If use of 2-meter HTs with rubber-ducks held close to the face is so
>hazardous (i.e., injurious to eye tissue), how come we haven't seen an
>avalanche of newly-blinded hams during the last twenty-five years?

Worse yet, how about all the PDs that use 476.XXX MHz frequencies in NYC
and use hand held units? Higher frequency and high usage.

OLX 1.53 --------------> 73, de NK2U <----------------

--- PCBoard (R) v15.22 (OS/2) 2
* Origin: CyberNet BBS Lyndhurst, NJ (1:2604/151)

.....ooooooooo���OO0O0o
http://www.intac.com/~cono ___,-----.----+_____#_
The Roy Hobbs BBS |_____| |__|_____}
Moonachie N.J. 201.641.3126 ooooo oo ~ ooO-O-O-O == ��\
==========

845. RF EXPOSURE

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-11 00:00:00 UTC
From: roland.stiner@hobbs.com
Message-ID: <8C6351E.002900678A.uuout@hobbs.com>
Source record: 219091

To: gsanders@midwest.net
Subject: RF EXPOSURE

GS>Having been a ham for 20 or so years, wearing a ham HT on my belt for
>a good portion of that time, and wearing a commercial HT on my belt
>during working hours for several years, and for the last 6 months
>undergoing chemotherapy due to lymphoma (which is, interestingly,
>cancer of the lymph nodes located in my abdomin, near where the HT
>antennas were located), I don't think I'll get too excited if I have
>to document compliance with a regulation designed to lengthen my
>life.

GS>Cancer isn't any fun.

GS>Sure, I know I'll get flamed, because I don't _know_ that the cancer
>was caused by the HT's, but then again, I don't _know_ that thay
>_didn't_ cause it.

My father died of the same type of cancer and never was a ham and never
transmitted with any portable or hand held unit of any kind. I see no
connection.

OLX 1.53 --------------> 73, de NK2U <----------------

* Origin: CyberNet BBS Lyndhurst, NJ (1:2604/151)

.....ooooooooo���OO0O0o
http://www.intac.com/~cono ___,-----.----+_________#_
The Roy Hobbs BBS |________| |__|__________}
Moonachie N.J. 201.641.3126 ooooo oo ~ ooO-O-O-O == ��\
==========

846. Re: JAMMERS ON 2 METER

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-11 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <DvyCM1.K0A@news.hawaii.edu>
Source record: 219092

Frank Sved <dg198@FreeNet.Carleton.CA> wrote:
>Jeffrey Herman (jherman@Hawaii.Edu) writes:

>> Fine. But while on HF if you start calling a frequency "the center of
>> a channel" be prepared to be labeled a lid. Colloquial usage plays
>> a vital role in what terminology is admissible.
>>
>> One wonders if Shannon defines "ham radio."

>What a waste of bandwidth your opinions consume, Jeff.
>Who cares about micro-defining subjective terms. Stick to looking at the
>clouds go by on your island.
>--
> (((((
> 0-0-,((
> ----.oO--O---Oo.------
> | Frank Sved |

At least I provide an opinion, Stank. That's more than we get from your
one-line insults followed by a five-line something or another. Eat
some prunes for that constipation.
Jeff KH2PZ

847. Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <320EFE65.5A8B@ccsnet.com>
Source record: 219003

gpewitt@execpc.com wrote:

> > My gear is still for sale.
> > I claim that hams will not engage me L I V E when they are open to
> > all listeners.

> Eat sh*t and die Burt.

How the typical gutless ham responds.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#================#===#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#===#

848. Re: This one is just for you Burt

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <320EFF61.542@ccsnet.com>
Source record: 219004

Russ wrote:

> If you respond to ALL post in this manner, even the well thought out
> ones with good subject material, how can you expect ANY of your points
> or comments to be taken with anything other then the delete key? This
> applies to your class room also.

Intelligent, classy messages like the one you wrote are rare
here. Most of what you said is lost on the typical ham.
So if I come up with one liners it is because more than
that will cause most hams to drift away like a Heath VFO.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#================#===#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#===#

849. Re: Packet Problem

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: Steve Sampson <ssampson@oklahoma.net>
Message-ID: <320F1AEB.2D579074@oklahoma.net>
Source record: 219005

David Turner wrote:
>
> My father has a Kenwood 733-a radio and Kantronics 9612 Tnc. He is
> using a windows program 'KAWIN'. It works fine kfine on 2meters. When
> he enables 9600baud on 733-a he is unable to connect, ok without 9600b.
> Unable to connect on 440 at anytime. Would appreciate help from anyone
> using this combination (733-A,Kam 9612) with or without KAWIN.

I don't know what a 733 is, but don't worry about KAWIN. First you
have to fix the radio part, then worry about the software part. The
obvious problem, is that the radio part isn't set up properly. First
you need to have a 9600 capable radio (is the 733 one?), then you need
to adjust the deviation. The simple way to adjust deviation is to start
at minimum and keep turning up until you can connect and transfer data.

Tell dad to adjust the audio, he'll know what you mean :-)

850. Re: This one is just for you Burt

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: dteague@csc.com
Message-ID: <4un812$7sr@explorer.csc.com>
Source record: 219006

Burt Fisher (k1oik@ccsnet.com) wrote:
: Russ wrote:

: > If you respond to ALL post in this manner, even the well thought out
: > ones with good subject material, how can you expect ANY of your points
: > or comments to be taken with anything other then the delete key? This
: > applies to your class room also.

: Intelligent, classy messages like the one you wrote are rare
: here. Most of what you said is lost on the typical ham.
: So if I come up with one liners it is because more than
: that will cause most hams to drift away like a Heath VFO.

: #===============#===#
: | Burt Fisher | Teacher of video, broadcasting and electronics |
: | Amateur call | South Dennis, Ma. (Cape Cod) |
: | K1OIK | Mr. Happy should not be happy all the time. |
: #===============#===#
: | k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
: #===#

Burt:

Your general attitude usually convinces us that any show of intellect
would be wasted on you, so we keep it well hidden whenever you're around,
and especially on the air.

Can't believe you typed a whole paragraph at once. Watch out or you'll be
over your word and sentence quota for the year.

Even if (as I suspect) you're using sarcasm and irony to provoke hams
into thinking of new ways to relate to other hams, remember the fate of
other writers who pushed it too far -- Swift for one -- you're not quite
subtle enough to pull it off.

--
Cheers 73 de dteague@csc.com "Don't you eat that yellow snow" F Zappa
Guy KG5VT gteague@why.net "Can't melt it down in the rain" L Cohen
<http://www.why.net/home/gteague/gtweb.html> "They're out there" K Kesey

851. Re: OPINION on YAESU FT-10 NEEDED!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4unb86$f4g@lehi.kuentos.guam.net>
Source record: 219007
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Thomas Gasta <tomgasta@worldnet.att.net> wrote:

>Dan Cornett <dcornett@cts.com> wrote:
>>Thomas Gasta wrote:
>>>
>>> Have an FT10 and FT40, used FT10 less than 1 hour since purchased at
>>> Dayton. I like the audio on both radios, features are great, out of band
>>> mod works great, and DPL works even better. I bought the FT10 because I
>>> bought the FT40 before Yaesu introduced the FT50, so I "needed" a VHF
>>> radio to go with the UHF. If your interested in Ham radio only, not
>>> stereo reception of FM stations, the price difference between an FT10 and
>>> a FT50 is something to look at very carefully.
>>>
>>> Tom
>>Tom,I am going to buy a FT10 soon ..can you send me e-mail on out of
>>band mod? Do I need to purchase the software for the mods?
>>Dan ..dcornett@cts.com
>Dan,

>I dont have anything in writing, someone faxed me a diagram. All I can
>remember is that you remove the keypad by unscrewing the screw underneath
>the Nicad label on back of radio. Then, on the board under the keypad,
>main radio board, not keypad board, is a few very small chip 0 ohm
>resistors. One of them must be removed, and a radio reset performed. Can't
>help on which one.
>Tom

Out of band mods and zero ohm resistors..... Who says ham radio ham
radio is in trouble ?????

Jim KH2D

852. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <4unbbq$4u@dfw-ixnews9.ix.netcom.com>
Source record: 219008

In <320EFE65.5A8B@ccsnet.com> Burt Fisher <k1oik@ccsnet.com> writes:
>
>gpewitt@execpc.com wrote:
>
>> > My gear is still for sale.
>> > I claim that hams will not engage me L I V E when they are open
to
>> > all listeners.
>
>> Eat sh*t and die Burt.
>
>How the typical gutless ham responds.
>
>#================#==
#
>| Burt Fisher | Teacher of video, broadcasting, electronics, |
hate and bigotry
>| Amateur call | South Dennis, Ma. (Cape Cod)
|
>| K1OINK | Mr. Happy should not be happy all the time.
|
>#================#==
#
>| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu
|
>#==
#

Another cheap shot at all hams by the expert on guts. You haven't
posted much this weekend been too busy at the senior center trying to
pick a fight? Remember whne you have nothing useful to say you can
always post line after line of HIs. Have a nice bigoted week.

853. Re: Cheap CW Transceiver?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: Larry or David Gibbs <gibbsl@libertynet.org>
Message-ID: <320F5AA9.1C89@libertynet.org>
Source record: 219009
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.swap

Kerry Miller wrote:
>
> Rick Miller <rick@DigalogSys.com> wrote:
>
> >
> >Some ham catalogs came in the mail and struck price-shock into Bonnie,
> >my wife. If I can show her that a homebrew rig built out of cheap parts
> >and/or salvaged junk is all I require, her relief would be immeasurable.
>
> >Any help would be much appreciated...
>
> >"Rigless" Rick Miller (kb9obn) rdmiller@execpc.com
>
>See June 1996 QST for review of several QRP CW rigs.

Larry, W3UIO

854. Mods for IC-Z1A.....Are there any????

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: tap@u.washington.edu
Message-ID: <4unf7v$32t@nntp4.u.washington.edu>
Source record: 219010

HI,

Any of you know if there are any mods for the ICOM Z1A?
Or any reasons that I should NOT buy one of these guys.

Thanks!

Trevor Pierce
Primate Center
University of Washington
Seattle, WA 98195
(206)543-2880
tap@u.washington.edu

855. Tower for sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: ny1t@ix.netcom.com
Message-ID: <4ung40$n0h@dfw-ixnews3.ix.netcom.com>
Source record: 219011

T have a 50 ft tower for sale. it is taken down, 2 25 foot sections. the rotor is mounted in the bottom and there is a mast all the way to the top. Thrust berings top and bottom, with a grease fitting at the bottom with a tube to the top bering. The guy did a great job, he was a machinist. 2 coax cables still on it. Guide cables, hand winch, (you will want a dead man, so you can lay it down). and a catcher to support the top of the tower so you can work on the antenna. nice setup
I am moving and didn't get a chance to put it up.
Victorville, CA. $200

856. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: cgreenha@magnus.acs.ohio-state.edu
Message-ID: <cgreenha.578.320F5A9F@magnus.acs.ohio-state.edu>
Source record: 219012

In article <4unbbq$4u@dfw-ixnews9.ix.netcom.com> kc5egg@ix.netcom.com(Gerald Schmitt) writes:

>Another cheap shot at all hams by the expert on guts.

Wonder if Gerry is the pot, or the kettle in this case? I believe he's the pot.

>You haven't
>posted much this weekend been too busy at the senior center trying to
>pick a fight? Remember whne you have nothing useful to say you can
>always post line after line of HIs. Have a nice bigoted week.

Ya know...a quick Alta-Vista search shows Gerry not contributing ANYTHING related to the ham newsgroups...nothing but flames and attacks that is.

I would like to politely suggest that you...Gerry...go to alt.flame to continue your hate campaign. It would be most appreciated from us who follow netiquette, and use Usenet as its intended purpose.

Thank you.

>

Christopher K. Greenhalgh, N8WCT
Computer/Electronic Tech. II at The Ohio State University
E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

857. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: Jake Brodsky <frussle@erols.com>
Message-ID: <320F7E69.EE2@erols.com>
Source record: 219013
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

I'm just curious Gary, did you use a speaker mike all the time? And
did you transmit with the radio on your belt?
--
Jake Brodsky, mailto:frussle@erols.com
PP-ASEL-IA, Cessna Cardinal N30946, Based @ MD24
Amateur Radio Station AB3A
"Beware of the massive impossible!"

858. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4unqsa$j4h@lehi.kuentos.guam.net>
Source record: 219014

kc5egg@ix.netcom.com(Gerald Schmitt) wrote:

>Another cheap shot at all hams by the expert on guts. You haven't
>posted much this weekend been too busy at the senior center trying to
>pick a fight? Remember whne you have nothing useful to say you can
>always post line after line of HIs. Have a nice bigoted week.

Hey, Zippy, I was starting to worry about you. Thought you were starting to get moldy, it's been so long since you came out. But really, you should avoid messages that have the word 'character' in the subject........

859. Re: A new DX award

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4unp2o$7tm@freenet-news.carleton.ca>
Source record: 219015

Burt Fisher (k1oik@ccsnet.com) writes:
>
> This is a bulletin on behalf of the Societe Ancient Telegraphers Intentional
> Reducio Extremis (SATIRE), one of the world's smallest and slowest growing
> amateur radio operating awards organization. The group hereby annouces a brand
> new certificate : the WORKS ONLY DX (WODX) AWARD. (hates Americans).
>
> This is an on-your-honor award; no QSLs are required. If you qualify in your
> own mind , you get the award without needing to submit proof. This is a NO FEE

bla
bla
bla....

> In addition to denying himself the pleasure of chatting with his fellow
> countrymen (in dedication to his single-minded pursuit of rare DX contacts),
> said operator has achieved further distinctions. The following special
> endorsements to this certificate also apply:
>
> ( ) Works only stations from countries from which he has not already received
> a QSL card.
>
> ( ) Devotes at least 6 hours each day to monitoring packet cluster spots
>
> ( ) Exchanges only minimal information, to avoid unnecessarily prolonging
> contacts and learning what real people are like.
>
> ( ) Abruptly terminates any domestic contact which may have been erronously
> made during the heated pursuit of DX for fear of actually getting too personal.
>
> * END *
>
>
>
^^^^
Take sleep - eeze at nite, Burtram.
--
(((((
0-0-,((
----.oO--O---Oo.------
| Frank Sved |

860. Re: MORE JOHNNY REBS!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4unqkc$j4h@lehi.kuentos.guam.net>
Source record: 219016

arc5@ix.netcom.com(David Stinson) wrote:

>> Remember Andersonville!
>>
>>OLX 1.53 --------------> 73, de NK2U
>>
>There were as many southern patriots dead of starvation
>and disease in northern concentration camps as in
>southern prisoner of war camps....
>and the yankees had the food and medicine
>that the south lacked.

>However--the victors get to write the history books
>and tell whatever lies make them look the best,
>and the vast hords of sheep accept it.
>That's life, I guess.

>Anyhow, this isn't a thread for this group,
>but I couldn't in good conscience let that bit of
>ill-informed yankee bigotry go unanswered.
>Please flame me to your heart's content....
>in email, not here.

>Dave Stinson AB5S
>arc5@ix.netcom.com
>great-great-grandson of
>Major William Stinson,
>18th Mississippi Infantry,
>who's family never owned a slave
>and fought to protect their homes
>from raping and pillaging invaders.

And who's great great grandson carries the hate in his heart to this day. Spoken like a true redneck. This is the rite place for this thead Dave. Hell, we do WWII once a month, we can do the Civil War in our spare time. Maybe you could start us off by telling those of us who don't know (or don't really give a shit) what "Remember Andersonville!" means ? After all, Dave, there really isn't much meaningful discussion going on here that relates to ham radio anyway, so if you wanna spice things up a bit with some 'South Shall Rise Again' horse pucky, then go for the gold. There's a bunch of people laying in the weeds who will jump on any and every band wagon that drives by, so you won't get lonely, I can assure you of that. Personally, I'd love to correspond with some of my friends in Kentucky that I don't get to talk to much anymore since I got off the digital satellites.

73, Jim Kehler KH2D

Great-great-grandson of Mr. Elmer Kehler, Acme Candy Company,
who sold candy to the American Indians and thereby introduced them to tooth
decay. (To bad the SOB didn't invent dental floss, I might have been rich
instead of good looking).

861. NCSU club open house

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: jwprice@unity.ncsu.edu
Message-ID: <4unpbt$g6a@taco.cc.ncsu.edu>
Source record: 219017

NCSU HAM CLUB OPEN HOUSE

Come celebrate with the NCSU StARS (Student Amateur Radio Society).

When: Saturday, August 24, 11:00 am - 4:00 pm
Where: W4ATC Shack, 428 Daniels Hall, NCSU, Raleigh, NC
From Hillsborough and Horne (1st intersection east of big
library building) enter campus on E. Broughton Drive.
Daniels is 3rd building on left. Parking permit not required.
Talk-in on 145.13- MHz.
What: See the shack and operate if you like (your license or ours).
Gear includes
- HF rigs with big triband yagi and wire antennas
- 6m phone/CW with 5-el yagi (150 watts)
- 2m all-mode with 13-el yagi (165 watts)
- packet
- work Mir and Russian ham sats (11:15, 11:50, 13:00, 14:30, 16:00)

Old QSL cards (since 1934) and other items on display.

For more info contact:
Jim Price N3QYE, jwprice@unity.ncsu.edu

862. Unprecedented Access to Electronic CAE Capability!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: "Kathryn J. Goerg" <kgoerg@webblabs.com>
Message-ID: <320F753B.10B7@webblabs.com>
Source record: 219018

If you have not received detailed material on the Webb Laboratories Education Partnership Program, please advise by return e-mail, include your fax number, and I will fax it at once. Just in time for the Fall Semester!

Kathryn J. Goerg
Webb Laboratories
13731 W. Capitol Drive, Suite 260
Brookfield, WI 53005
TEL 414.367.6825
FAX 414.367.6824
kgoerg@webblabs.com

PRESS RELEASE

WEBB LABORATORIES ANNOUNCES EDUCATION PARTNERSHIP PROGRAM
MODERN RF/MICROWAVE CAE CAPABILITY FOR EVERY STUDENT!

In an unprecedented action aimed at establishing truly inclusive access to electronic computer-aided engineering for every engineering, electronics and advanced science student, the Webb Laboratories Education Partnership Program now guarantees access to powerful electronic CAE! Students, faculty and staff are granted explicit authorization to copy, install and use the CAE capabilities and documentation, both on and off site, on an indefinite basis and without expiration!
The Circuit Analysis and Structure Synthesis Option combines powerful audio-to-microwave nodal circuit analysis with comprehensive transmission structure synthesis and analysis, encompassing a multitude of single and coupled planar, wire, coaxial and non-TEM topologies.
The SystemPlus(TM) Option combines system gain, noise and intermodulation analysis with T/R link, radar and terminal bookkeeping, receive and transmit spurious characterization, and system phase noise analysis.
The Circuit/Structure and SystemPlus(TM) modules are available individually or combined with an integrated user interface for the IBM PC and compatible platforms. At last, truly unrestricted access to modern analysis and synthesis!

863. Re: FS: All Ham Bands, Reply to Republican Congress

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: T E I X E I R A <teixeira@ccnet.com>
Message-ID: <4ult4b$ncd@ccnet2.ccnet.com>
Source record: 219019
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.amateur.policy

>

>> >
>> Yea.....Politicians treat us like Mushrooms.....They keep us in the dark and feed us Bull
>> Shit!
>>
>> Dole ain't worth a damn & Clinton is a Republican in a Democrats cloths.
>More like a socialist in Democrat's clothing. Oops, same thing! :)

Yea but you can trust a Socialist, I wouldn't buy a car from a Republican. d8-)

864. Re: Vanity Callsign Lists

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: levine@mc.com
Message-ID: <4uo590$qg5@newsy.mc.com>
Source record: 219020

In article <4u87o6$17s@anchor.cis.att.com>, res@cmprime.cis.att.com (Richard E Stealey) writes:
-->Dale D. Holloway (nj8x@ix.netcom.com) wrote:
-->: Gary, try the following site. All available 1X2 or 2X1 call signs
-->: are listed there.
-->
-->: www.ultranet.com/~bob/
-->
-->
-->I just went there and checked on some calls. It s not up-to-date.
-->Some calls that I know were reissued a few weeks ago are listed as
-->available on his web page.
-->
-->Rick KT2Q
-->

That could be. I update it from QRZ and the latest one is more than
a few weeks old!

Bob

--
/***
* Bob Levine *
* KD1GG/KB1BRM/VK2GYN/7J1AIS *
* Manager of Application Engineering *
* Mercury Computer Systems *
* --*
* Opinions expressed in this message are my own personal opinions *
* --*
* Personal Web Page http://www.ultranet.com/~bob/ *
***/

865. Need help 'with Atlas 210X Power Output Problem.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: "miker in Tigard, OR." <mreiney@hevanet.com>
Message-ID: <320F95CF.4567@hevanet.com>
Source record: 219021
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

I have an ATLAS 210X that works fine on 40M up, but has only 60W
power output on 80M.
I think that the full power on higher bands eliminates a transistor
problem?
I've swept the output filters, they look fine and low loss, at least at
low power.
The ALC and SWR circuit had all the diodes blown. Can't figger out how
this could happen, but I fixed that. The ALC and SWR limiters are not
the cause of the limited power.
I've examined all the inductors as best I can without disassembling
them. No visible core cracks.
I've tried measuring voltages and comparing between bands. There's so
much RF floating around, that I have no meaningful results. Signal
substitution is out because of the way the coupling transformers are
made. I'm afraid to take them apart. Is there a way to test the
broadband transformers without removing them?

I'd appreciate any advice/experience with low output on 80M.
Thanks, miker

866. Large Ham Classified database->http://www.sarrio.com

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-1208961421150001@host48.cyberg8t.com>
Source record: 219022

The Raymond Sarrio Company's Ham Radio WWW site has a very large data base of ham radio classified ads. ALL LESS THAN 30 DAYS OLD! at:

http://www.sarrio.com.

This new classified section allows Hams to search for equipement with the help of our new and unique search engine--no need to scroll through 100's of listing before you find that special piece of gear. Plus, when you find the gear your interested in, each listing comes with point-and-click e-mail access direct to the Ham that listed the item.

For those Hams with gear to sell, take note! It is absolutely FREE to list your equipment within the Ham Classifieds, and there will be no posting time delays.Your posting will go on-line, in our classified search engine,in about 1 hour. All you need do is fill out a simple forms page, and upon its (point-and-click) submission, your "For Sale" advertisement is on-line.

I will be purging the classified listing initially about once every month, but that timeline will shorten as our classified numbers go up. Give it a try, and let me know how you like it. 73's Ray
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront on tth WWW at http://www.csz.com/sarrio in association with Brillar Enterprises http://win-win.com/brillar an Extensive Discount CD-Rom Catalog!

867. *** Stolen Equipment List Here! *** Put your Equipment on it!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: myantach@zoo.uvm.edu
Message-ID: <4uo95d$lv1@decius.ultra.net>
Source record: 219023
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.swap,alt.radio.scanner

If you have had equipment stolen, please visit this URL and let me know. I will try to maintain a stolen equipment list in hopes that it will inspire honest hobbiests to return your equipment to you.

http://www.uvm.edu/~myantach/stolen.html

Please e-mail me your information and I will put it on the list.
-Mark Yantachka
N1RII

E-mail: myantach@zoo.uvm.edu
Web Page: http://www.uvm.edu/~myantach

868. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: Surprise2 <surprise2@where2.edu>
Message-ID: <320FAD23.43E3@where2.edu>
Source record: 219024
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Burt Fisher wrote:

> gpewitt@execpc.com wrote:
> > > My gear is still for sale.
> > > I claim that hams will not engage me L I V E when they are open to
> > > all listeners.
>
> > Eat sh*t and die Burt.
>
> How the typical gutless ham responds.

Burt Fisher you are a PUSSY so shut the fuck up.

You are dumb too.

869. Re: CB repeaters

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: surprise2@where2.edu
Message-ID: <320FBC7C.18BB@where2.edu>
Source record: 219025

Robert Casey wrote:
>
> Thought I heard a repeater on CB, but wait, the output's on 147.435 :-)

mmmmm, be careful with such comments, there is more than one 147.435
repeater.

:)

John Mackey, KA0SSF
Owner, 147.435 repeater, Portland, Oregon

870. IPS Daily Report - 12 August 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <4uoed4$d0k@flare.syd.ips.oz.au>
Source record: 219026
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 12/2330Z AUGUST 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 12 AUGUST AND FORECAST FOR 13 AUGUST - 15 AUGUST

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 70/5

GOES satellite data for 11 Aug
Daily Proton Fluence >1 MeV: 4.9E+05
Daily Proton Fluence >10 MeV: 1.7E+04
Daily Electron Fluence >2 MeV: 2.2E+06 (normal)
X-ray background: A3.0
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
13 Aug 14 Aug 15 Aug
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 13 Aug: 69/3

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Quiet

Estimated Indices : A K Observed A Index 11 Aug
Learmonth 3 2111 1111
Fredericksburg 7 5
Planetary 5 5

Observed Kp for 11 Aug: 2120 1222

2B. MAGNETIC FORECAST
Date Ap Conditions
13 Aug 6 Quiet
14 Aug 5 Quiet
15 Aug 5 Quiet

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band

Date Low Middle High
12 Aug Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
13 Aug Normal Normal Normal
14 Aug Normal Normal Normal
15 Aug Normal Normal Normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
12 Aug -4

Observed Australian Regional MUFs:
Darwin: Up to 30% depressed for the period 0100-0600UT.
Townsville: Slightly below the predicted monthly values for
the period 0100-0500UT.
Sydney: Near predicted monthly values, with spread F
observed during the local night.
Hobart: Up to 15% depressed for the period 0100-0600UT.

Predicted Monthly T index for August: 10

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
13 Aug 5 near predicted monthly values
14 Aug 10 near predicted monthly values
15 Aug 10 near predicted monthly values

--
IPS Radio and Space Services | email: rwc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/rwc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/rwc/
tel: +61 2 94148300 | fax: +61 2 94148331

871. FS Kenwood TS-820S/MC-50 Mic

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: petsits@surf.galacticis.com
Message-ID: <4uo4qd$5oh@lex.zippo.com>
Source record: 219027

Kenwood TS-820S in excellent condition, USB, LSB, FSK, CW, 160-10m,
general coverage, with MC-50 mic for $400.00
Send inquiries to above e-mail address. Thanks.

872. Learning Morse Code

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: "H. Leon Raper" <hlr@raper.com>
Message-ID: <320FD17C.4992@raper.com>
Source record: 219028

The following article, which I wrote & published on the web, may be
helpful to anyone having trouble learning Morse code.

http://www.raper.com/~hlr/hamradio/codehlr.html

Good luck,

H. Leon Raper
W7TPQ

873. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <4uogdl$lt2@dfw-ixnews9.ix.netcom.com>
Source record: 219029

In <cgreenha.578.320F5A9F@magnus.acs.ohio-state.edu>
cgreenha@magnus.acs.ohio-state.edu (Christopher K. Greenhalgh) writes:
>
>In article <4unbbq$4u@dfw-ixnews9.ix.netcom.com>
kc5egg@ix.netcom.com(Gerald Schmitt) writes:
>
>>Another cheap shot at all hams by the expert on guts.
>
>Wonder if Gerry is the pot, or the kettle in this case? I believe he's
>the pot.
>
>>You haven't
>>posted much this weekend been too busy at the senior center trying to
>>pick a fight? Remember whne you have nothing useful to say you can
>>always post line after line of HIs. Have a nice bigoted week.
>
>Ya know...a quick Alta-Vista search shows Gerry not contributing
ANYTHING
>related to the ham newsgroups...nothing but flames and attacks that
is.
>
>I would like to politely suggest that you...Gerry...go to alt.flame to
continue
>your hate campaign. It would be most appreciated from us who follow
>netiquette, and use Usenet as its intended purpose.

Would that be the same netiquette you were following last Christmas
when you were giving Drew his "Christmas Present" I can repost those if
you wish. Do you enjoy what Burt has to say about all hams, all persons
of German extraction? Perhaps you enjoy his challenging older hams to
physical confrontations? I respect those older hams who made this hobby
and can still teach guys like you and I a bunch. Or is it you are still
so upset about making a fool out of yourself a few months ago you just
have to take a cheap shot at me when you get a chance.

>
>Thank you.
>
>>
>
>
>Christopher K. Greenhalgh, N8WCT
>Computer/Electronic Tech. II at The Ohio State University
>E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
>AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

Since you don't have a disclaimer; am I to assume this an official position by the Ohio State University? If you're going to take shots you might consider leaving the University out if it.

Best wishes

Jerry

874. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <320FD8DA.6E9B@ccsnet.com>
Source record: 219030
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Surprise2 wrote:

> Burt Fisher you are a PUSSY so shut the fuck up.
>
> You are dumb too.

Pussy? Do you mean a kitty? Because the other thing
you could mean you would have no experience with.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#================#===#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#===#

875. Re: FCC Ruling Prohibits Unreasonable Restrictions on TV Antennas

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: duane <duane@flinet.com>
Message-ID: <320FE964.68FC@flinet.com>
Source record: 219031
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwaverec.radio.amateur.misc

Bill Newkirk wrote:
>
> In <320A8CEE.2C0A@csra.net>, "James F. Boehner, MD" <jboehner@csra.net> writes:
> >Bill Sohl wrote:
> >> vbook@vbook.com (Ed Mitchell) wrote:
> >> >In a major ruling, the FCC declared void local laws prohibiting
> ..
> >> >must be allowed to install TV antennas. Longer term this ruling may
> >> >have important ramifications for eliminating restrictions on Amateur
> >> >Radio antennas.
> >>
> >> Wow, do I have a couple of ideas for some QST articles
> >> that begin with a title: How to build a (enter your
> >> favorite band here) meter antenna that looks like a TV
> >> antenna :-)
>
> actually, wouldn't a TV antenna work for 6 and 220 without too much effort?
> and 2m might just work on an LP type antenna...will have to see if it's possible
> to do some measurements....wouldn't expect there to be too much modification
> needed for the use of an existing TV antenna as a transmitting antenna in
> the amateur service -- short of adding a balun (6:1 for 300:50 transformation) and
> maybe doing some minor changes to the element lengths.
>
> >>
> >> Bill Sohl K2UNK
> >> ARRL Local Gov't Liaison, Mt. Olive Township, NJ
> >>
> >How about a sky of aluminum with a $40 Radio Shack Antenna on top?
> >YES!!!!!
> >73 de JIM N2ZZ
>
> i wouldn't push it too much as first until things become established for joe sixpack
> to have antennas up again.
>
> Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
> Melbourne, FL duty now for the future of amateur radio
> Lombardi's 1st Law of Business:
> Companies succeed in spite of their best effort. If they succeed at all.
let me ask you something bill if i work ssTV on the hf freqs does that
make it a tv antenna ? After all Iam receiving T.V.!

876. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: erskinej@cuug.ab.ca
Message-ID: <4up0v2$ggb@dec.cuug.ab.ca>
Source record: 219032
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

Sounds like a nifty piece of legislation we have up here now called
EMCAB-2. Part of the reality of it is the necessary tests involve taking
measurments every metre in a cubed grid about the station! Wonder how
much that one is going to cost. It's been stressed at a few meetings that
it's not likely to get to that stage and might only be applied in the
event of an otherwise unresolvable EMI problem, not exactly with you have
to put up with. 73 John VE6OTC

erskinej@cuug.ab.ca
ve6otc@ve6ipg.ampr.org
VE6OTC@VE6YYC.#SAB.AB.CAN.NOAM

NO UNSOLICITED COMMERCIAL MAIL/COMMUNICATIONS PLEASE

877. Re: Program to draw beam heading map

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: Steve Sampson <ssampson@oklahoma.net>
Message-ID: <32100197.5BE64821@oklahoma.net>
Source record: 219033

Someone asked recently if there was a program to display
an azimuthal projection map. Several years ago, I translated
an algorithm from a basic program in BYTE magazine. This
would probably suffice, although it is now quite dated as
far as screen resolution is concerned.

A better program by far is the Postscript printer program, and it
works well with Linux and Windows (although Ghostscript is easier
with Linux as it's part of the OS distribution usually). AZPROJ or
something like that. It should be easy to find with Web search.

Anyway, for an easy solution try:

ftp://ftp.ucsd.edu/hamradio/packet/tcpip/misc/map.zip

It's also on the QRZ CDROM.

Be careful with the GC.C program included. It has a bug in it
in the area of Radian conversion, I believe I forgot to convert
one of the variables. I wrote a corrected version, but I don't
think it ever got off compuserve. I'd have to type it in again, as
all I have is an old printout (shouldn't trust backups...).

73, Steve

878. Special Events Station- Schaumburg, IL

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: rickd73@aol.com
Message-ID: <4uos6m$5f8@newsbf02.news.aol.com>
Source record: 219034

The Schaumburg Amateur Radio Club will run a special events station commemorating SARC's 20th anniversary on Sunday August 18, 1996. SARC will be operating 40m, 20m, 15m and 10m up 45 kHz from the General Class portion of the band and on 2M (146.55 MHz simplex) from 1400UTC to 2100UTC. For a certificate, send a large SASE to Schaumburg Amateur Radio Club, PO BOX 68251, Schaumburg, IL 60168.

879. Re: Ham Radio in Phenomenon

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: Mike Snowden <Pmikes@fishnet.net>
Message-ID: <320FF6AD.6B5F@fishnet.net>
Source record: 219035

Frank Sved wrote:
>
> Michael (vickir@pacific.net.sg) writes:
> > NEGATIVE>>>>>hams didnt really save the world.
> >
> > What was shown was Military in Uniform.
> > BUT>>>Do U think any of them boys now in service know CW ?
> >
> > They probably cant scrounge up 1 straight key right now if
> > they had too.
> > Break out the TNC books......send/rec CW clean !!
> >
> > N9HPE....clear of the freq.....OUT
> >
> >
> >
> Goof, putz and moron alert!!!! BBEEEEEEEEP
>
> --
> (((((
> 0-0-,((
> ----.oO--O---Oo.------
> | Frank Sved |Did anyone run any of the qsl cards which were displayed behind Forrest Wittiker(the spelling on his name is a poor guess). I ran the ones I could remember. None were active.

880. Re: Code above 11wpm

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: pklein@news.seattleu.edu
Message-ID: <4up84q$peb@handel.seattleu.edu>
Source record: 219036

In article <1996Jul30.142145.15882@ke4zv.atl.ga.us>,
Gary Coffman <gary@ke4zv.atl.ga.us> wrote:

>Here's another tip. As you start to become comfortable with
>copying at the desired test speed, make your practice code
>loud, distorted, and with a lot of room echo. And have a
>talk radio station going loudly in the next room. That's the
>way it will be at the test session, and you won't be surprised
>(and dismayed) on test day if you've already practiced that way.

Amen to that. Here's a little story that will amuse and horrify you.

When I took my 20 wpm test (April 1984, the next-to-last session the FCC gave in Seattle before VECs took over), they gave 20 wpm first. There were two or three of us copying. The rest were waiting, getting more nervous by the minute. We were seated at several large tables, so I had to take my test with a bunch of guys staring at me.

One fellow at my table was so fat that his legs barely fit underneath the table. He was very nervous about his upcoming 5 wpm test, and began to jiggle his legs just as my test started! As went his legs, so went the table. So I had to copy several words on the equivalent of a heaving ship. When I saw a "double-dash" coming, I slammed my fist down on the table in front of him and hissed "CUT THAT OUT!" He stopped immediately.

I passed the test with no problem, but I was pretty rattled and the adrenaline really flowed! Fortunately, I had worked my speed up to 25 wpm before taking the test, and done a lot of CW ragchewing on static-ridden 40 and 80m in the months before. Between test anxiety and unexpected distractions like Mr. Jello Legs, it's good to have an edge. And back then, asking the kindly FCC inspector to restart the tape was *not* an option.

73,
Peter - KD7MW

--
Peter A. Klein (pklein@seattleu.edu) : ------==3== --- ---
Information Services, ext. 5569 : | | | | | | |
Seattle University : @| @| @| @| @| @| @| @|

881. Re: This one is just for you Burt

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <Dw1Ms3.Bp1@news.hawaii.edu>
Source record: 219037

Burt Fisher (k1oik@ccsnet.com) wrote:
> So if I come up with one liners it is because more than
> that will cause most hams to drift away like a Heath VFO.

Burp, you're building skills must be rotten. You've mentioned
drifting Heath VFOs on another occasion, also. The Heath HG-10
I built stayed put for hours. If the problem isn't in the contruction,
then maybe its due to you spilling your beer on the VFO.

(Have you attended any AAA meetings yet? Remember your promise to
your family and students to quit drinking?)

Jeff KH2PZ

882. Re: OPINION on YAESU FT-10 NEEDED!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <Dw1MF6.B5J@news.hawaii.edu>
Source record: 219038
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Jim Kehler <pacrimgolf@kuentos.guam.net> wrote:
>... zero ohm resistors.....

They do exist. Really. They're used in place of jumpers, I believe.
Someone said that the machines that mount components onto a PC board
can't handle wire jumpers very well, so the zero ohm resistor is
used instead.

Jeff KH2ZP / KH6

883. HELP: IS PC SWITCHING POWER SUPPLY OK???

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: ehoffman@total.net
Message-ID: <4ulu2o$mcs@faith.total.net>
Source record: 219093
Cross-posted to: rec.radio.amateur,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

I have a old crap 8088 'tole box' as you can say! With the power supply. It's rated 7Amp at 12 Volts but i'm wandering if i can use it to supply my mobile (used as a base) 13.8V tranceiver unit. I dont know much of switching power supply technology and i want to know if it's safe. The problem may be when i switch from RX to TX and from TX to RX... could there be a fatal burst of voltage? Or peraps with a big cap, like 22 000uF, at the exit i can control those peek?

Unfortunately, i dont have an scope to make charge test.

E-mail me on that please...

Thanks and 73 to all readers

"640K will be ok for everyone..."

Bill Gates '82

The Big Boy

884. Re: Its OK to order pizza on 2m autopatch

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDw006v.KzG@netcom.com>
Source record: 219094
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

: Amateur radio is not intended to be a substitute communications
: *utility*. It is not to be used as a substitute for such utilities
: as cellphones and pagers. It is a service for those with a personal
: interest in the radio arts, to be used for self-training and technical
: investigation into the radio arts without pecuniary interest according
: to the ITU. The FCC adds that it should also serve to provide public
: service and promote international goodwill. Both bodies recognize that
: the amateur radio service has a role in emergency communications.
: Neither recognize it as a substitute for *routine* uses of cellphones
: or pagers.

: It is obvious that your wife doesn't have a personal interest in
: the radio arts, has no interest in conducting technical investigations,
: nor apparently in supporting public service or emergency communications.
: Thus she doesn't meet any of the primary criteria for being a radio amateur.
: (No amateur has to fullfill *all* of those criteria, though a well rounded
: amateur will participate in more than one.) There are other radio services
: for people like her. CB, GMRS, FRS, and cellphones and pagers were all
: designed for people needing a communications utility, but who have no
: personal interest in the radio arts.

Well said, as usual, Gary.

I plan to contact the repeater owner, inform him of the violation, ask him why his control operators haven't intervened, and let him know that when he asks for my further financial support in the future (January 1st) that it won't be there unless he corrects the situation.

I'm sure that there are people who get into ham radio as a substitute for other communications, many unaware that they are violating the rules. The two that I alluded two in an earlier post certainly do know that what they're doing is wrong.

73 de Jim - KF6CR

885. Re: I want to be a ham

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: adamkern <adamkern@tiac.net>
Message-ID: <4um05v$psb@news-old.tiac.net>
Source record: 219095

You probably don't have an HF rig, but if you do, try the 75 meter youth net. This is a new net on 3.970 Mhz every Sunday evening at 8:30 PM eastern time. I just tried to run it, BUT THERE WERE NO CHECK-INS!

ALL YOU PEOPLE OUT THERE COME OUT FROM YOUR PILEUPS AND EXOTIC OPERATING MODES AND TRY THE NET!!! It is for all ages, but geared for the younger generation.

I PUT UP A NEW ANTENNA DURING THE DAY TODAY FOR TONIGHT'S NET, AND THERE WERE NO CHECK-INS! COME ON PEOPLE! WHATEVER HAPPENED TO THE RAGCHEW?

Anyway, this is an HF youth net you can try, and there are many youth nets around, so there is plenty of exposure for younger hams. I am almost 16, and I got into the hobby at 14, and found alot of new friends my age, and older (HIHI) very quickly through my local club.

Good luck!

73,
Adam Kern
N1TYF
adamkern@tiac.net

886. NEED MODS FOR KENWOOD TH28A

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: miqyliksit@postoffice.worldnet.att.net
Message-ID: <4um5d1$opj@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 219096

I need all mods for the Kenwood th28a. Please post or email.

Thanks

Mike

887. Re: how can I broadcast on FM radio?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: radiop@ix.netcom.com
Message-ID: <4um4co$lro@sjx-ixn2.ix.netcom.com>
Source record: 219097
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,rec.radio.amateur.misc

In <3206BCE1.4324@gate.net> robert <nix@gate.net> writes:
>
>Could someone point towards info on how to broadcast on FM radio.
>I've heard it called free radio or pirate radio. Does that mean it's
>illegal (how illegal:)? What makes it illegal (in florida)? Where can
I
>buy the equipment? What would I need to buy? I just want to transmit 5
>to 10 miles and just music (mostly my own and my friends music so as
not
>to violate copyrights or whatever).
>
>-- you would first have to apply to the fcc for a license,, otherwise
it is illegal!! first apply and then take it from there,,there are
hundreds of guidelines that must be followed,,good luck,,youll need
it!! (and money too!!)
>_____________________
>robert mailto:nix@gate.net

888. HELP - TH-79A mod problem

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: tadunlap@centuryinter.net
Message-ID: <4um3h3$5er@news.pc.centuryinter.net>
Source record: 219098

Anyone hear of the display occasionally fading in and out on the Kenwood TH-79A after modifying (extended TX and RX)? If so, is there a fix for it? Any help would be greatly appreciated. Please reply via e-mail. Thanks...

Todd...
tadunlap@centuryinter.net

889. Re: Cheap CW Transceiver?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: kmiller@flash.net
Message-ID: <4um51g$bl8@excelsior.flash.net>
Source record: 219099
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.swap

Rick Miller <rick@DigalogSys.com> wrote:

>
>Some ham catalogs came in the mail and struck price-shock into Bonnie,
>my wife. If I can show her that a homebrew rig built out of cheap parts
>and/or salvaged junk is all I require, her relief would be immeasurable.

>Any help would be much appreciated...

>"Rigless" Rick Miller (kb9obn) rdmiller@execpc.com

To "Rigless" from Kerry in Texas,

Man, I feel like I'm answering a personal ad or something! My wife
has been pretty much dulled by the catalogs. She got her ticket and
now she gets the catalogs!

More to the point, I just built a NorCal 40A, from Wilderness Radio.
I think the kit is $135 or so, do a web search for NorCal or
Wilderness Radio. It is a qrp transceiver, about 2-3 watts, covers a
40-50 KHz segment of 40 meters, has a superhet rx and a great 400 Hz
4-pole xtal filter.

I've had mine for about 2 months now and am having a ball with it. It
took me about 5 hrs to build, although some people take 15 hrs. It
has excellent instructions, similar to Heathkit. If you are handy
with a soldering iron, you won't have any problems. Sorry, I read the
engineer part, but some of my EE friends don't know which end of the
iron to hold until it has been plugged in for a while!

73 es good luck with the project and the wife!
Kerry Miller, WD5ABC
kmiller@flash.net

890. Re: HELP - TH-79A mod problem

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: "Doug C." <crighton@fox.nstn.ca>
Message-ID: <320ECADF.2F93@fox.nstn.ca>
Source record: 219100

tadunlap@centuryinter.net wrote:
>
> Anyone hear of the display occasionally fading in and out on the
> Kenwood TH-79A after modifying (extended TX and RX)? If so, is there
> a fix for it? Any help would be greatly appreciated. Please reply
> via e-mail. Thanks...
>
> Todd...
> tadunlap@centuryinter.net

I have noted that my display fades when the batt. voltage drops. First check to see that your battery(s) are holding a charge properly. My TH-79A(D) had this problem right out of the box... I had the battery analyzed and found that it was defective, not putting out rated voltage and with a ma capacity of less than half it's nominal rating. My dealer exchanged it with no hassels.
--
Doug Crighton, EMA/EMT-I ----- "73 de VE4DUG"
Winnipeg, Mb, CANADA

*** Usual Disclaimers ***
"My Opinions... If you don't like them... Get your own!"

891. Re: linked repeaters in Calif?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: morris@cogent.net
Message-ID: <morris.590.0138B29C@cogent.net>
Source record: 219101

In article <4ufq60$l5q@news.rain.org> tgeyer@rain.org (Tom Geyer) writes:
>From: tgeyer@rain.org (Tom Geyer)
>Subject: linked repeaters in Calif?
>Date: 9 Aug 1996 16:49:03 GMT

>I'm interested in any open linked repeater systems in Calif. I don't have
>a 220 radio, so the CONDOR folks aren't willing to let me on. However, I
>have heard of the WALA and EDISON systems.
>Does anybody know of a repeater listing for these systems? I've tried
>searching the internet and cannot find any info. Repeater call signs
>would help.

The Edison system is also on 220mhz. Look under WB6UCD.
Don't know about WALA.
Is the ZIA connection still running?

892. ** FLEA at MIT ** Sunday 18 August Cambridge MA

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-12 00:00:00 UTC
From: w1gsl@athena.mit.edu
Message-ID: <4umqt8$kj8@senator-bedfellow.MIT.EDU>
Source record: 219102
Cross-posted to:
rec.radio.swap,rec.radio.amateur.misc,rec.radio.info,sci.electronics.misc,ne.forsale,ne.general,rec.radio.amateur.homebrew

This comming Sunday...

*** !!!! WE ARE BACK IN THE GARAGE !!!! ****
so come rain or shine or super heat the Flea is on !!!

********* $1 buyers discount with hardcopy of this notice ********

COMPUTERS - ELECTRONICS - HAM RADIO - COMPUTERS - ELECTRONICS - HAM RADIO

FLEA all SUMMER at MIT
August 18th, 1996
9AM-2PM

Come to the city for a great flea - plenty of free parking.

MIT's electronics and ham radio flea will take
place on the third Sunday of each month this summer,
April thru October.

There is tailgate space for over 600 sellers and
free, off-street parking for >1000 cars!

Buyers admission is $4 (you get $1 off if
you're lucky enough to have a copy of our ad)
and sellers spaces are $10.00-each at the gate.

The flea will be held at the corner of Albany and
Main streets in Cambridge; right in the Kendall
Square area from 9AM to 2PM, with sellers set-up
time starting at 7AM.

!! RAIN or SHINE !! Have no fear of rain, a covered
well illuminated tailgate area is available for all
sellers (6'8" clearance).

Talk-in: 146.52 and W1XM/R-449.725/444.725 (PL 114.8/2A).

Sponsors: MIT Electronics Research Society
MIT UHF Repeater Association (W1XM)
MIT Radio Society (W1MX)
Harvard Wireless Club (W1AF)

For more info / advanced reservations 617 253 3776

********** $1 buyers discount with hard copy of this notice ***********

****
Steve Finberg W1GSL w1gsl@mit.edu
PO Box 82 MIT Br Cambridge MA 02139-7082 617 258 3754
****

893. Scientific Discoveries Minimize Aging (DHEA)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-13 00:00:00 UTC
From: health@moneyworld.COM
Message-ID: <199608131407.HAA12410@UCSD.EDU>
Source record: 218953

"YOUR Passion for LIFE" is http://dhea.natureplus.com

Take advantage of the amazing benefits of DHEA. In the search for the FOUNTAIN OF YOUTH, DHEA is a must README.

"I can't wait 30 More years for the National Institute on Aging to save my ass." says Dr. Regelson, a leading DHEA researcher.

Click on: http://dhea.natureplus.com

894. Morse Code (FISTS), on Radio Show

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-13 00:00:00 UTC
From: lenwink@indirect.com
Message-ID: <4uq3q0$eef@globe.indirect.com>
Source record: 218954
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.radio.amateur.policy,rec.radio.shortwave

Nancy Kott, of FISTS, The Organization for the Preservation of Morse
Code, will be the special guest this sunday, 8/18/96, on the Ham Radio
& More Show. Fireworks will surely fly as the Morse Code requirement
is debated. And your opinions are invited by fax or by phone. During
the show call in toll free, at 1-800-293-5366 in the US,
1-602-230-2755 outside the US, and fax at 1-602-241-1540.
This is your chance to get your opinions heard. Show info is below.
Len Winkler, KB7LPW lenwink@indirect.com
P.O. Box 9219 kb7lpw@kc7y.az.usa.na
Phoenix, AZ. 85068-9219

Ham Radio & More Show (host); info at:
http://www.barc.org/barc/ham-more.html (Home Page) (Thanks BARC)
http://www.tapr.org/hrm (RealAudio site to hear past shows) (Thanks TAPR)

The Ham Radio & More Show airs LIVE each Sunday at 6:00pm ET,
(2200utc), on many local commercial stations throughout the country.
ALSO: LIVE on WWCR Shortwave, 7.435mhz and 12.160mhz, 100,000 watts.(Thanks WWCR)
ALSO: LIVE on RealAudio at: http://ww2.audionet.com/pub/kbnp/kbnp.htm (Thanks KBNP)

Also available tape delayed via WWCR Shortwave on Mondays, at 0900utc on 3.210mhz;
Saturdays, at 1600utc on 12.160mhz; and on Sundays, at 0400utc on 5.065mhz.

Support "WOG", the Written Only General!

895. Humor: Nicoderme CQ

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-13 00:00:00 UTC
From: Steve Kremer <skremer@kremer.com>
Message-ID: <3210898C.6E74@kremer.com>
Source record: 218955

New television commercial began today in the U.S. promoting a new product. A
nicotene patch available without a prescription. Goes on sale August 16.

The product...

Nicoderme CQ

That's right Nicoderme *Charlie Quebec* !!

I wonder if they are targeting the product to hams who want to quit smoking !

73
de KF9ZA
Steve Kremer
skremer@kremer.com
--For perhaps a laugh check out my page "Windows 95 & Mac Joke Wallpaper"
http://www.iquest.net/~skremer/

896. Re: Ham Radio in Phenomenon

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-13 00:00:00 UTC
From: w9sz@prairienet.org
Message-ID: <4uq08b$okc@vixen.cso.uiuc.edu>
Source record: 218956

In a previous article, Pmikes@fishnet.net (Mike Snowden) says:

>> | Frank Sved
|Did anyone run any of the qsl cards which were displayed behind Forrest
>Wittiker(the spelling on his name is a poor guess). I ran the ones I
>could remember. None were active.
>

The only one I remembered distinctly was A45ZN, Tony Selmes, Sultanate of
Oman. I have the same card as the one in the movie; and Tony is still
very much active (He was on about a week ago).

I wish they'd given a close enough look at it to see who it was really
made out to! :-)

73, Zack W9SZ

--

897. Re: NEED MODS FOR KENWOOD TH28A

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-13 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4upp4l$s1s@freenet-news.carleton.ca>
Source record: 218957

Jim Kehler (pacrimgolf@kuentos.guam.net) writes:
> miqyliksit@postoffice.worldnet.att.net wrote:
>
>>I need all mods for the Kenwood th28a. Please post or email.
>
>>Thanks
>
>>Mike
>
> Cut diode D16 on the main board.
>
>
I believe diode D12 will do more mods.

--
(((((
0-0-,((
----.oO--O---Oo.------
| Frank Sved |

898. ALBUQUERQUE, NM Hamfest - August 17 & 18

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-13 00:00:00 UTC
From: n5zgt@swcp.com
Message-ID: <4uq89n$5ii@sloth.swcp.com>
Source record: 218958
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap,rec.radio.amateur.digital.misc,rec.radio.amateur.misc

Well, it is that time again! It is Hamfest Season, and it is time
for the annual Duke City Hamfest! Here is all the information:

WHEN: Saturday, August 17th - Sunday, August 18th
TIMES: 8:00 AM-5:00 PM (Saturday), 8:00 AM-2:00 PM (Sunday)
WHERE: National Guard Armory, 601 Wyoming NE, Albuquerque, NM

* * FEATURES * *

* VE Testing (Saturday at 1:00 PM) * Outdoor Tailgate Swapfest
* Hourly Door Prizes * Grand Prize Drawings
* Search & Rescue Forum * Contests
* On-Site T-Hunt * ARRL Forum
* MARS Forum * AMSAT Forum
* RV Parking (Sorry, no hook-ups)

* PACKET FORUM - Information, plus the start of NM's Packet Users
Group!!! Please sign up!

TALK-IN FREQUENCY: 147.15 (+ No PL) Repeater

* * PRIZES * *

Grand Prize: Yaesu FT-840 HF Transceiver
Second Prize: Alinco DR-150 2 meter mobile
Third Prize: Alinco 2 meter HT

* * PRICES * *

Tables without Power: $10.00 each
Tables WITH Power: $15.00 each
RV Parking: $10.00 per Night
Raffle Tickets: $2 each, 3 for $5

See everybody there!! Please E-Mail me if you need any information
before the Hamfest.

Best of 73,
Brian, N5ZGT

899. Re: Did the Family Radio Service die?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-13 00:00:00 UTC
From: duffy1@gnn.com
Message-ID: <4uqbal$ddg@news-e2b.gnn.com>
Source record: 218959

In article <9607302138172372@atdbbs.com> Clint Bradford wrote:
>>>Didn't we hear that this newly-approved 462/467 allocation
>>>was to be implemented in July? What has happened to it?
>>>Was it recinded? Delayed? Re-alocated?
>
>The law of the land - unless a Petition for Reconsideration and a
>separate Petition for Stay were acted upon.
>
>>>Radio Shack was to be the first manufacturer of the certified
(though
>>>not type-accepted) handhelds? Any other companies joining in?
>

Have seen numerous Motorola radios advertised in sporting goods catalogs. Said they would be available in September. Called Motorola and they gave same availability.

>As of last week, the FCC stated that NO applications for
type-acceptance
>for the FRS were received. Bet on Tandy, Motorola, and other
Docket
>sponsors to have units on retailers' shelves for Christmas.
>
>>> Must only that new specially-certified equipment be used or
will old
>>>commercial two-way or ham-radio transceivers be usable up there?
>

>It will be against the law to use anything but an
FCC-type-accepted FRS
>HT on the FRS frequencies.

I got the biggest laugh out of the last comment. Nothing personal against the writer, but "against the law" when it comes to communication law means NOTHING. No one enforces the law anymore. The FCC has done nothing about the CB "sidebanders" and the numerous problem operators on the ham bands. As for the FRS, does anybody think the FCC is going to chase down violators of the law with this service....hardly!

900. Re: DR-605T mod needed

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-13 00:00:00 UTC
From: Tshepherd@rfmd.com
Message-ID: <4uqe4p$7gr@nw101.infi.net>
Source record: 218960

In article <Dvw2xu.D57@news2.new-york.net>, georgehe@unix.asb.com () wrote:
>Hi, Looking for the mod for the Alinco DR-605T
>Thats the new Alinco dual band mobile.
>Any help is appreciated.
>73, George
>

Based on what the tech at Alinco told me and the mod sheet that came with my 605T there is only one mod. This is to cut the blue wire behind the front panel. This opens up the transmit and receive for CAP/MARS. Alinco designed it as a low cost dual band so it doesn't have all the hidden goodies that some of the more expensive units have.
73 KD4EQT

901. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-13 00:00:00 UTC
From: bb@tisc.com
Message-ID: <4uqdg7$clg@taxis.corp.titan.com>
Source record: 218961
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

```
It will become like contests!!!

UR 599 OM MISSED UR CALL
RUNNING 50 WATTS HERE
TO U KC6YOX KN
```

902. West Coast Blackout

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-13 00:00:00 UTC
From: Peter Coffee AC6EN <72631.113@CompuServe.COM>
Message-ID: <4uqime$7v$1@mhafn.production.compuserve.com>
Source record: 218962

TORRANCE, CALIFORNIA, 12 AUGUST 1996

When the lights went out on August 10, all over Los Angeles County, there wasn't any point in trying to phone home. Both wired and cellular phones were immediately saturated, and generally unable to complete attempted calls. Within minutes, however, ham radio operators throughout the area were following practiced emergency procedures, on the air and giving public safety agencies detailed reports on the developing situation.

In the South Bay area (between Los Angeles International Airport and Long Beach), members of the Los Angeles County Disaster Communications Service and the Torrance Amateur Radio Association activated a pre-planned emergency channel, which is tested three times a week with regular drills -- as well as being used for public service events, such as communications support for the Armed Forces Day parade. More than a dozen stations checked in to that emergency network, providing minute-by-minute reports on power and water service in various communities, along with eyewitness confirmation on the containment of the discharge at the Mobil oil refinery.

The South Bay net control station monitored both broadcast stations and the county's emergency center transmissions, relaying this information to the local hams. In turn, the local reports were fed to the county's station, which gathered reports from every part of the county in a systematic procedure. More than 50 different stations checked in with the county's information center, using everything from hand-held radios and mobile units to powerful home stations with battery backup power.

Regular drills and major annual events, such as the amateur radio Field Day each June, keep ham radio operators ready for situations like this past weekend's. The proof, however, only comes in a real-world unscheduled test. Ham radio and the Disaster Communications Service demonstrated once again that Los Angeles County has communications that it can count on.

Info: Peter Coffee, AC6EN
Public Information Officer
L.A. County Disaster Communications Service
3440560@mcimail.com

903. 147.435 web page is at..... was:Re: .435 repeater in L.A. homepage? Where?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-13 00:00:00 UTC
From: surprise2@where2.edu
Message-ID: <3210BFF7.5F7D@where2.edu>
Source record: 218963

Scott wrote:

> On Aug 03, 1996 15:19:43 in article <.435 repeater in L.A. homepage?
> Where?>, 'csupak <csupak@ucla.edu>' wrote:
>
> >I've been told that the 147.435 2M repeater in Los Angeles has a
> >homepage, of sorts, and I'd like the URL if anyone knows it, please.
> >
> >Thanks all

The 147.435 repeater in Portland Oregon is:

http://www.teleport.com/~mscott/dumb.shtml

904. HAM License Vehicle Plates

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-13 00:00:00 UTC
From: Will.A.Sheffield@tek.com
Message-ID: <Will.A.Sheffield.27.000D5ADD@tek.com>
Source record: 218964

I am looking for information concerning what states allow you to have more than one vehicle registered with the same HAM call sign. If hyou have information concering this, please e-mail me. I would like to see if I cann't get the state of Oregon to go along with this plan also.

Will Sheffield N7THL

Will.A.Sheffield@bangate.tek.com

905. Re: Cheap CW Transceiver?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-13 00:00:00 UTC
From: n5zgt@swcp.com
Message-ID: <4uqg26$a6b@sloth.swcp.com>
Source record: 218965

How about buying a NorCal 49'er. It is a 40 meter (Tuned to 7.040 MHz) TRANSCEIVER that fits in one of those metal Altoids mint boxes - with its 9 volt battery!
Power output is 250 mW (More than enough for a nice QSO) and the cost is just $25. The kit is very easy to build and it is a great rig. I earned the 1000 miles per watt award with my very first QSO with it after my first 2 CQs!
For more info, look att he NorCal QRP Club web page. I'm not too sure what the URL is, but you can use a search engine. (I think it starts with http://www.fix.net). Good luck!
72/73,
Brian, N5ZGT

906. HAM.INFO.LINK.SOURCE.BBS

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-13 00:00:00 UTC
From: kb6axk@ix.netcom.com
Message-ID: <4uql8f$ja3@sjx-ixn5.ix.netcom.com>
Source record: 218966
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,comp.bbs.misc,alt.bbs.ads,alt.bbs.lists,alt.bbs.wildcat,rec.radio.scanner,rec.radio.shortwave,alt.bbs,

HELLO FELLOW HAMS:and FUTURE HAMS !!!!!!!

HAM BBS dedicated to amateur radio !!!!

There is a DEVOTED AMATEUR RADIO BBS in town ,from your
ARRL/LAX affiliated club coordinator , JOE CIRA , KB6AXK .....
Everything and anything about AMATEUR RADIO will be found here,
IF NOT ? Let me know and we will post it and file it !!!!!!!!

HAM*INFO*LINK*SOURCE BBS at 1-818-584-1952....
24 hrs,8-n-1,anyspeed.......
running 486/66 with 2.1 gig of space !!!
qsl route database,clubs,newsletters,bulletins,shareware,utility
mods,programs,test ques,lists,software and much more....
VEC/VE exam & class list for all So.Cal.
sample exam tests and answers for all class's..
ARRL mirror of all there files !
Using Wildcat v4.11 software..
easy to log in and no FEE's it's FREE !
6,000 FILES IN 119 FILE AREA'S..so far !

latest list of AMATEUR RADIO WEB SITES & PAGES
now 2,405 websites & pages !!!!!!!!!
and GROWING FAST ?!?!!

P.S. also available on the web at:
http://www.netcom.com/~kb6axk/ham-web-site.htm
or
http://www.padl.ac.at/schule/chemie/bob.htm
look for web-sites by KB6AXK on the page........

FYI:there are roughly ,over 33,000 pages,just pages,
that relate to amateur radio/ham radio on the web ???????
My list is primarlly websites.............

73's & 88's de kb6axk,joe cira,ARRL/LAX/ACC.
INTERNET E-MAIL ADDRESS:> kb6axk@ix.netcom.com
/EX
S

--
****
U.S.AMATEUR RADIO STATION " KB6AXK "| SYSOP OF HAM*INFO*LINK*SOURCE*BBS
PASADENA,CALIFORNIA 91107 | at 818-584-1952 any speed 8-N-1
e-mail to kb6axk@ix.netcom.com | dedicated to amateur radio !

ARRL/LAX/ACC | ARRL MIRROR SITE..........
****
researching the CIRA family genealogy
in TERMINI IMERESE,PALERMO,SICILY,ITALY..........

IUOE/INTERNATIONAL UNION OF OPERATING & MAINTENANCE ENGINEERS LOCAL 501
HVAC/R,IAQ,SYSTEMS,CONTROLS,AIR BALANCE,PERFORMANCE,PM's,PLUMBING,
ELECTRICAL,MECH SYSTEMS,EMS/BMS,DDC,CODES,STANDARDS,REGS,QUIDELINES,
PPE,HAZMAT,IPP,and more ....
info call HALL 213-385-1561 or SCHOOL at 213-385-2889..........
****
MY RESUME is on my web site at :) http://www.netcom.com/~kb6axk/resume.html
---

907. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-13 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <4uql3l$sg9@dfw-ixnews10.ix.netcom.com>
Source record: 218967

In <321056E8.166C@juno.com> Burt Fisher <kotzebue@juno.com> writes:
>
>Christopher K. Greenhalgh wrote:
>
>> Your last contact with my employer, in an effort to get me in some sort of
>> trouble, was brushed off.
>
>He contacted your employer?
>What a lowlife.

Mr Fisher et al,

There is a bit more to the story than Mr Greenhalgh cares to tell. He was citing "Medical Facts" the veracity of which were in question. He was challenged to provide a disclaimer when making these assertions. While using the University account does not explicitly infer an official position it can implicitly imply University support of a position. Since several physicians took issue with Mr. Greenhalgh's "Medical Facts" I suggested he disclaim. He refused and invited me to contact the University if I wished. Based upon the response I believe that several people contacted the University. If it was not such a serious matter no one would have ever contacted them. I don't want to reopen this thread but thought you ought to know the rest of the story. No doubt this will be challenged but it is how I see things.

As to you Mr. Fisher. I take issue with your comments about hams and people of German extraction because I am both. Once in a while the urge to jerk your chain overcomes me. I am aware you have the good sense to have your own personal internet accounts and do your posting from there. Obviously your employer has no vested interest in what you say so contacting them would be quite wrong. One of my mentors had a series of numbers tatooed on his forearm. I suspect he had a great deal more personal stock in the German issue you are always raising than you do. Yet he did not refuse to talk to me or teach me. In fact he regularly spoke German with my father. I think you could have learned a lot from this gentleman. He took the Torah rather more seriously than you seem too.

Sorry for the bandwidth I will not beat this horse any longer. It is not possible to debate Greenhalgh as the truth is not in him, and Burt, well, Burt is Burt and I don't think my puny efforts will change him. Going back under my mossy rock Adios Jim et al.

73 Jerry

```
>#================#=====================================================
#
>| Burt Fisher | Teacher of video, broadcasting and electronics
|
>| Amateur call | South Dennis, Ma. (Cape Cod)
|
>| K1OIK | Mr. Happy should not be happy all the time.
|
>#================#=====================================================
#
>| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu
|
>#=====================================================================
#
```

908. LATEST WEB-HAM.LIST FOR AUG/96

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-13 00:00:00 UTC
From: kb6axk@ix.netcom.com
Message-ID: <4uql2b$i5a@sjx-ixn6.ix.netcom.com>
Source record: 218968
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.shortwave,

```
is available at;)
http://www.padl.ac.at/schule/chemie/bob.htm
look on the page for web ham sites/page by KB6AXK..
73 & 88

--
*******************************************************************************
U.S.AMATEUR RADIO STATION " KB6AXK "| SYSOP OF HAM*INFO*LINK*SOURCE*BBS
PASADENA,CALIFORNIA 91107 | at 818-584-1952 any speed 8-N-1
e-mail to kb6axk@ix.netcom.com | dedicated to amateur radio !
ARRL/LAX/ACC | ARRL MIRROR SITE...........
*******************************************************************************
researching the CIRA family genealogy
in TERMINI IMERESE,PALERMO,SICILY,ITALY..........
_______________________________________________________________________________
IUOE/INTERNATIONAL UNION OF OPERATING & MAINTENANCE ENGINEERS LOCAL 501
HVAC/R,IAQ,SYSTEMS,CONTROLS,AIR BALANCE,PERFORMANCE,PM's,PLUMBING,
ELECTRICAL,MECH SYSTEMS,EMS/BMS,DDC,CODES,STANDARDS,REGS,QUIDELINES,
PPE,HAZMAT,IPP,and more .............
info call HALL 213-385-1561 or SCHOOL at 213-385-2889...........
*******************************************************************************
MY RESUME is on my web site at :) http://www.netcom.com/~kb6axk/resume.html
-------------------------------------------------------------------------------
```

909. Re: HAM License Vehicle Plates

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-13 00:00:00 UTC
From: Curtis Wheeler <cwheeler@ccnet.com>
Message-ID: <4ur1li$be4@gaudi.lahabra.chevron.com>
Source record: 218969

Will.A.Sheffield@tek.com (Will Sheffield) wrote:
>I am looking for information concerning what states allow you to have more
>than one vehicle registered with the same HAM call sign. If hyou have
>information concering this, please e-mail me. I would like to see if I cann't
>get the state of Oregon to go along with this plan also.

I am not sure if I am following exactly what you want to do.

If you want to have the same plate on more than one car, I would say
"good luck".

Here in California (and I imagine many other states) you can get ham
plates for you car without paying too much. A one time fee (lat i
checked it was $21) and that was it. No added annual fees such as those
charged to "personalized" plates.

Just like any other type of vehicle registration - you can't have the
same plate number on two cars (exception here being car dealer,
distributer and manufacturer plates - but they pay a lot for those
"special" plates). Even when personalized, plates need to be unique.

But if you want to, you could put "call" plates on your second car and
name like a packet node or something. For example "N7THL-2". But in CA
that second one would just be a personalized plate and would be subject
to all of the associated setup and recurring charges. Don't know why you
couldn't do that in Oregon.

Curtis

910. IPS Daily Report - 13 August 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-13 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <4ur25o$41e@flare.syd.ips.oz.au>
Source record: 218970
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 13/2330Z AUGUST 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 13 AUGUST AND FORECAST FOR 14 AUGUST - 16 AUGUST

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 70/5

GOES satellite data for 12 Aug
Daily Proton Fluence >1 MeV: 5.2E+05
Daily Proton Fluence >10 MeV: 1.7E+04
Daily Electron Fluence >2 MeV: 2.4E+06 (normal)
X-ray background: A3.1
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
14 Aug 15 Aug 16 Aug
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 14 Aug: 69/3

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Mostly quiet with one single unsettled
period 0300-0600UT.

Estimated Indices : A K Observed A Index 12 Aug
Learmonth 6 2322 1111
Fredericksburg 7 6
Planetary 5 5

Observed Kp for 12 Aug: 1222 2212

2B. MAGNETIC FORECAST
Date Ap Conditions
14 Aug 5 Quiet
15 Aug 5 Quiet
16 Aug 8 Quiet to unsettled

3A. GLOBAL HF PROPAGATION SUMMARY

Latitude Band
Date Low Middle High
13 Aug Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
14 Aug Normal Normal Normal
15 Aug Normal Normal Normal
16 Aug Normal Normal Normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
13 Aug -3

Observed Australian Regional MUFs:
Darwin: 15% depressed for the period 0100-0600UT, otherwise
near predicted monthly values, with sporadic E observed
during the period 0800-1100UT.
Townsville: Near predicted monthly values.
Sydney: Near predicted monthly values.
Hobart: Near predicted monthly values, with sporadic E
observed during local night.

Predicted Monthly T index for August: 10

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
14 Aug 5 near predicted monthly values
15 Aug 10 near predicted monthly values
16 Aug 10 near predicted monthly values

--
IPS Radio and Space Services | email: rwc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/rwc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/rwc/
tel: +61 2 94148300 | fax: +61 2 94148331

911. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-13 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4ur75g$4od@lehi.kuentos.guam.net>
Source record: 218971
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Surprise2 <surprise2@where2.edu> wrote:

>Burt Fisher you are a PUSSY so shut the fuck up.

>You are dumb too.

Ah, the 'new breed' of hams. Tiny portable radios and short, concise thoughts..... but maybe in this case it should be

Tiny, portable radio and an IQ to match.

912. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-13 00:00:00 UTC
From: adamkern <adamkern@tiac.net>
Message-ID: <4ur4k1$a0g@news-old.tiac.net>
Source record: 218972

I have been reading the messages for the past few weeks concerning you vs. the world. You have said things that deeply offend me, so I stopped reading what you wrote. I had a friend over and showed him this newsgroup, and I was embarrassed at what I found during the demonstration.

I happened to read your "challenge" to hams for meeting over the air. I thought about responding, but then I realized that it would be stupid to jeopardize a license that I have worked so hard for. I would be almost as sick as you to waste something like my callsign on you. I believe that many other people here feel the same way.

You have an appalling lack manners. My grandfather tells me stories about people like you. Quite frankly, I think that you outperform several individuals at my school in rudeness.

Respectfully, you have every right to be here, and I have no right to tell you to leave. But please, out of courtesy, stop the flaming in this group. I really have no problem forgiving and forgetting what has been said here, but just stop. It's not a good thing when a teenager like me feels 30 years older than someone like you.

-Adam Kern
N1TYF

And, thanks, but I'll keep my callsign.

913. Re: Scientific Discoveries Minimize Aging (DHEA)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-13 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4ur75k$4od@lehi.kuentos.guam.net>
Source record: 218973

health@moneyworld.COM wrote:

>"YOUR Passion for LIFE" is http://dhea.natureplus.com
>
>Take advantage of the amazing benefits of DHEA. In the search for the
>FOUNTAIN OF YOUTH, DHEA is a must README.

>"I can't wait 30 More years for the National Institute on Aging to
>save my ass." says Dr. Regelson, a leading DHEA researcher.

You won't have to wait 30 years. A no-code tech with an HT is ready to save your life RITE NOW !!!!!

914. Re: FS: All Ham Bands, Reply to Republican Congress

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-13 00:00:00 UTC
From: Avatar <avatar@frii.com>
Message-ID: <32111CCC.719E@frii.com>
Source record: 218974
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.amateur.policy

Steve Sampson wrote:
>
> T E I X E I R A wrote:
> >
> > Yea but you can trust a Socialist, I wouldn't buy a car from a
> > Republican. d8-)
>
> President Ford had a good one at the convention last night:
>
> Comparing presidents to cars, Ford remarked that the current
> president was more like a "Dodge convertable."
>
> Socialist, communist pimps... Only a moron would claim to be
> a democrat.
>
> Steve

What does this have to do with Ham radio? Maybe I don't understand the connection, because the author is so eloquent in his use of the English language.

915. Re: FS: All Ham Bands, Reply to Republican Congress

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-13 00:00:00 UTC
From: James Lee Tabor <ku5s@wtrt.net>
Message-ID: <3211571C.6428@wtrt.net>
Source record: 218975
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.amateur.policy

T E I X E I R A wrote:
>
> >
>
> >> >
> >> Yea.....Politicians treat us like Mushrooms.....They keep us in the dark and feed us Bull
> >> Shit!
> >>
> >> Dole ain't worth a damn & Clinton is a Republican in a Democrats cloths.
> >More like a socialist in Democrat's clothing. Oops, same thing! :)
>
> Yea but you can trust a Socialist, I wouldn't buy a car from a Republican. d8-)

You must be a socialist?

--
CAPMan HF Propagation Prediction Software
http://ourworld.compuserve.com/homepages/KU5S

916. Re: HAM License Vehicle Plates

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-13 00:00:00 UTC
From: jwprice@unity.ncsu.edu
Message-ID: <4ur3b3$8hf@taco.cc.ncsu.edu>
Source record: 218976

Will, I tried mailing this to you but it bounced:

<snip>
--Boundary (ID bF61F2NmPTuZW7IQ1IJh3A)
Content-type: TEXT/REPORT

Report on your message to: /U=WILL.A.SHEFFIELD/@email.hub.tek.com
Reason: Unable to transfer; message formatting problem (1)
Diagnostic: Unrecognized recipient name (0)
Extension-id: 1
Arrival-date: Tue, 13 Aug 1996 16:08:35 PDT

<snip>

In North Carolina you can have N7THL/1 or N7THL-8 or whatever you like.
My friend has about 4 vehices with tags like this. DMV doesn't even ask
for a copy of your ticket, but you do have to promise that you'll be
carrying a radio in your vehicle.

~~~~~~
Jim Price N3QYE, jwprice@unity.ncsu.edu Don't blame me.
http://www4.ncsu.edu/~jwprice I voted for Emma Goldman.

--Boundary (ID bF61F2NmPTuZW7IQ1IJh3A)--
~~~~~~

917. Re: FS: All Ham Bands, Reply to Republican Congress

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-13 00:00:00 UTC
From: T E I X E I R A <teixeira@ccnet.com>
Message-ID: <4uqq4q$cgp@ccnet2.ccnet.com>
Source record: 218977
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.amateur.policy

>Socialist, communist pimps... Only a moron would claim to be
>a democrat.
>
>Steve

With the likes of people like Nixon, Regan, Bush, Gingrich, Buchanon, Limbaugh and the Watergate Gang.....Do you still want to associate with the Republicans????? We sure have short memories. d8-)

918. Memphis Hamfest

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-13 00:00:00 UTC
From: jjohnson@townsqr.com
Message-ID: <4uru4q$5gc@tofu.alt.net>
Source record: 218978

Hi,
Could anyone tell me anything about a Memphis hamfest (when, where, ect).
Please reply by e-mail.

Thanks,
Jeremiah
KB0PHX

919. Station Upgrade

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-13 00:00:00 UTC
From: Gareth Crispell <stranger@ccsnet.com>
Message-ID: <4uqen7$cpk@dublin.bitwise.net>
Source record: 218979

On 08/10/96 this station upgraged to Extra Class after 4 years of hemming
and hawing about time spent on code. The code is not easy for me so I had
to practice 26wpm (jitter factor) for hundreds of hours. After all was
said and done, I was really suprised how good it felt to earn the
privileges rather than have them given to me. Now I can go back to my
nice comfortable 12-15 wps!!

--

Gareth Crispell /\ /\ * / / /
N1MSV / \/ \/\ -----/\------
stranger@ccsnet.com /\ \ \ \ / / || /
N1MSV@KC1KM / \ \ \ \ ||
10X International ||

63961
... and in the time of their visitation they shall shine, and
run to and fro like sparks among the stubble.

920. Family Radio Service -- a list of FAQ's

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-13 00:00:00 UTC
From: clint.bradford@atdbbs.com
Message-ID: <9608222359412899@atdbbs.com>
Source record: 218980

>> The FCC authorized FRS May 15, 1996.

The FCC is in receipt of Petitions for Reconsideration that were submitted within the proper time allotted for them - and they have not yet formally responded to them.

>>May I use my FRS radio for business communications?
>>"Small businesses...may be users of this service in
>>their business activities."

This REALLY makes the point clear - this was NEVER meant to be a true, "Family" Radio Service. If so, why are businesses included as viable operators?

For the first time in history, the FCC has forced licensed, commercial operators to share a band with unlicensed, untrained operators. The FRS is within 1/2 "channel" from existing repeater inputs...and there's absolutely no recourse for intentional interference from the new service.

clint.bradford@atdbbs.com
... Artificial Intelligence is no match for Natural Stupidity.
---
* TLX v4.00 *

921. Making morse midis

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-13 00:00:00 UTC
From: angus@hamgate.concordia.ca
Message-ID: <4uomfs$t7i@newsflash.concordia.ca>
Source record: 219039

I'm trying to make a midi that is merely composed of morse code, but I'm having quite a lot of difficulty. Obviously, what I'm requesting shouldn't require a lot of power from the application that I would compose these midis, however, finding an application that can generate midis from the PC keyboard is turning into a quite an ordeal.
I think it was Improvise that I got working, and I found that certain brass instruments and synth instruments, when playing a verry high note, sounded pretty close to the 800Hz morse beep. You can imagine the consternation when I found out that Improvise was for playing midi accompaniments.
Are their any applications out there that:
-allow for PC keyboard input
-can play a variety of sound (or one sound that is completely monotonic, with a ~800Hz(?) sound)
-AND runs under Win95, or Dos95, for that matter.
--
http://www.ece.concordia.ca/~ac_march/addr.html
_________ __________ angus@hamgate.concordia.ca
|.........| |Attempting |
|: DON'T :| |recovery...| Angus March
|: PANIC :| |1067 pages | The Ultra-Mind Dragon
|:.......:| |unrecovered| -==(UDIC)==-
|---------|___ __|__________|__
/__________\ |_________________| Murphy ain't seen nothing yet

922. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-13 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <4uogrp$a5u@dfw-ixnews4.ix.netcom.com>
Source record: 219040

In <4unqsa$j4h@lehi.kuentos.guam.net> pacrimgolf@kuentos.guam.net (Jim Kehler) writes:
>
>kc5egg@ix.netcom.com(Gerald Schmitt) wrote:
>
>>Another cheap shot at all hams by the expert on guts. You haven't
>>posted much this weekend been too busy at the senior center trying to
>>pick a fight? Remember whne you have nothing useful to say you can
>>always post line after line of HIs. Have a nice bigoted week.
>
>Hey, Zippy, I was starting to worry about you. Thought you were
starting to get
>moldy, it's been so long since you came out. But really, you should
avoid
>messages that have the word 'character' in the subject........
>
>
>
>

Hello Mr. Kehler,

I see that name calling is still the high water mark in your reparte no matter. I just got a little fed up with Burt insulting folks like you and I (hams, german extraction etc.). If you are seeking to be Burt's Champion you have got to stop calling him Spurt. I am assured by any number of people that I am a character so I guess that it will be OK to use that word in my posts.

Remember if you can't say anything nice then blase away.

Best wishes

Jerry

923. Amateur Radio Plaques & Engraving

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-13 00:00:00 UTC
From: ASPW25E@prodigy.com
Message-ID: <4uompr$1sbu@usenetp1.news.prodigy.com>
Source record: 219041

http://members.gnn.com/kn3a/plaques.htm

924. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-13 00:00:00 UTC
From: cgreenha@magnus.acs.ohio-state.edu
Message-ID: <cgreenha.435.320FF0D5@magnus.acs.ohio-state.edu>
Source record: 219042

In article <4uogdl$lt2@dfw-ixnews9.ix.netcom.com> kc5egg@ix.netcom.com(Gerald Schmitt) writes:

>Would that be the same netiquette you were following last Christmas
>when you were giving Drew his "Christmas Present" I can repost those if
>you wish.

Hello again Gerry.

I posted only facts about drew, and did not call names or threaten him...or anybody elese for that matter.

>Do you enjoy what Burt has to say about all hams, all persons
>of German extraction? Perhaps you enjoy his challenging older hams to
>physical confrontations?

No I dont Gerry...Burt is out of line too, but if folks like you would ignore, rather than squat to his level, he would go away.

>I respect those older hams who made this hobby
>and can still teach guys like you and I a bunch.

No doubt, and I agree.

>Or is it you are still
>so upset about making a fool out of yourself a few months ago you just
>have to take a cheap shot at me when you get a chance.

(LOL) I have never made a "fool" of myself...fact is, you were the one that was chasties and laughed of thr thread.

You can continue to "fabricate facts" Gerry...it doesnt bother me...everybody knows what the truth really is.

>>Christopher K. Greenhalgh, N8WCT
>>Computer/Electronic Tech. II at The Ohio State University
>>E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
>>AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

>Since you don't have a disclaimer; am I to assume this an official
>position by the Ohio State University?

Try reading the sig again Gerry...it says "..Tech II at The..".

"At" is the key word there. It means that is my line of work, and it is there (as many others do) for informational purposes only.

I really never thought I would have to explain this to you, but aparently your are having a hard time understanding.

> If you're going to take shots
>you might consider leaving the University out if it.

Your last contact with my employer, in an effort to get me in some sort of trouble, was brushed off. The Ohio State University wont give you the time of day now. Oh sure...they will be polite...but it will end with all of us laughing at you again.

One last question Gerry...why didnt you post your threats to sue me AND The Ohio State University here? Afraid you would be laughed at? Remember what I said...The University has one of the nation most powerful legal departments...hire a REAL GOOD lawyer. :)

Lets look at this a moment...my pink slip says "termination because because he asked Gerry to go to alt.flame, and including where he works at in his internet signature". Spare me Gerry...Im starting to laugh already. One last question, will I be arrested and taken to where you are, or will the trial be held here in Columbus?

Christopher K. Greenhalgh, N8WCT
Computer/Electronic Tech. II at The Ohio State University
E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

925. Re: NEED MODS FOR KENWOOD TH28A

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-13 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4uoqo2$mo6@lehi.kuentos.guam.net>
Source record: 219043

miqyliksit@postoffice.worldnet.att.net wrote:

>I need all mods for the Kenwood th28a. Please post or email.

>Thanks

>Mike

Cut diode D16 on the main board.

926. Re: .435 repeater in L.A. homepage? Where?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-13 00:00:00 UTC
From: jaminge@pb2esac.esac.pacbell.com
Message-ID: <4up2pm$5va@gw.PacBell.COM>
Source record: 219044

[edited down]
>: >>
>: >147.435? Damn! That's the most messed up repeater in all of L.A. area.
>: >
[snip]

>: >It's sleeze!
>: >
>
[snip]

>: At the hamfest, someone said this machine is like a "Roach Hotel", that
>: the roaches would scatter and contaminate the other machines if shut
>: down. I don't think I necessarly buy this arguement....
>
>When they do shut the thing down - which is not often, the
>characters do seem to go and infect other machines.
>I'd say leave them there.
>
No, no, no, no. If we don't intend to enforce the laws we make,
then we ought to repeal them. If the ham community wants it cleaned
up, then we can get it done. --and WE SHOULD!! Who is in charge --
the LIDS that make 435 a cesspool, or the rest of us?

-John

927. Re: linked repeaters in Calif?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-13 00:00:00 UTC
From: jaminge@pb2esac.esac.pacbell.com
Message-ID: <4up3p6$64c@gw.PacBell.COM>
Source record: 219045

In article <4ufq60$l5q@news.rain.org>, Tom Geyer <tgeyer@rain.org> wrote:
>I'm interested in any open linked repeater systems in Calif. I don't have
>a 220 radio, so the CONDOR folks aren't willing to let me on. However, I
>have heard of the WALA and EDISON systems.
>Does anybody know of a repeater listing for these systems? I've tried
>searching the internet and cannot find any info. Repeater call signs
>would help.
>
Do you have a 440 radio? There is an OPEN linked system of three
repeaters in the 440 band now. The repeaters are KJ6TQ, located on
Mt Lukens, 446.650 - PL 67.0, KN6JE, located on Oat Mtn, 446.4375 -
PL 67.0, and KO6TD, located in Granada Hills, 445.2875 - PL 123.0.
These are a completely open system, any licensed ham invited.
You can hear their weekly net on Mondays at 1800 hrs.

Note: two of these are on "splinter" experimental frequencies. My
Kenwoods all tuned them fine via direct input to the VFO. Some radios
may require you to change your step size to 12.5 KHz first.
This group has been around since the spring of 1993, I believe.
They call the system MARS (Metropolitan Amateur Repeater System).
Try this system out. I promise you will like the people there.

-73 de AC6VV, John

928. DXHUNTER: new site list

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-13 00:00:00 UTC
From: vmi@vmi.it
Message-ID: <4upeu7$ns6@sirio.cineca.it>
Source record: 219046
Cross-posted to: rec.radio.amateur.dx,rec.radio.amateur.misc

73 & TNX for reading this msg.
In my recently published Internet site list
(msg. title: "DXHUNTER: your score raises"; date 9 Aug;)
about where to find the DXHUNTER program
(DXHUNTER is a new sw pack for DX CLUSTER users),
there was an error on the first listed URL.

Here is the complete list again, with the correction.
http://www.coast.net/simtel/msdos/hamradio.html
http://www.simtel.net/simtel.net/msdos/hamradio.html
http://www.funet.fi/pub/ham/hf-work/
ftp://oak.oakland.edu/pub/hamradio/dos/ham-utils/
(name of the file: DXHUNT5E.ZIP)

Sorry, if you tried the wrong URL, wasting your time.
The above listed URLs refer to the english language
version.

The italian language version can be found at:
http://www.alpcom.it/actis/hamradio/
The italian language version is also available on the
italian BBS radio circuit, where it has been forwarded
a few weeks ago.

Enjoy DXHUNTER: it will raise your score.

You can contact me for any question at:
IK4VYX@I4UJB.IEMR.ITA.EU
All the Best.

Fabrizio Sartoni(IK4VYX)

929. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-13 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <321056E8.166C@juno.com>
Source record: 219047

Christopher K. Greenhalgh wrote:

> Your last contact with my employer, in an effort to get me in some sort of
> trouble, was brushed off.

He contacted your employer?
What a lowlife.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#================#===#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#===#

930. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-13 00:00:00 UTC
From: cgreenha@magnus.acs.ohio-state.edu
Message-ID: <cgreenha.580.32106214@magnus.acs.ohio-state.edu>
Source record: 219048

In article <321056E8.166C@juno.com> Burt Fisher <kotzebue@juno.com> writes:

>> Your last contact with my employer, in an effort to get me in some sort of
>> trouble, was brushed off.

>He contacted your employer?

Yes. In an attemp to claim I was representing the university with my sig line.
The ACS department took one look at my sig, and his first words were, "Thats
it!?". We all ended up laughing at Gerry's attempt, but now his latest stunt is
to sue me! (LOL)

>What a lowlife.

I dont call names, but I must agree. Its truly amazing what levels Gerry will
lower himself to, simply because his opinion is not shared by others. Truly
a challenged and immature individual.

Take care.

Christopher K. Greenhalgh, N8WCT
Computer/Electronic Tech. II at The Ohio State University
E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

931. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-13 00:00:00 UTC
From: "Thomas J. Penton" <afn45350@afn.org>
Message-ID: <Pine.A32.3.93.960813083039.46808B-100000@freenet4.afn.org>
Source record: 219049

On Mon, 12 Aug 1996, Burt Fisher wrote:
> #===============#==#
> | Burt Fisher | Teacher of video, broadcasting and electronics |
> | Amateur call | South Dennis, Ma. (Cape Cod) |
> | K1OIK | Mr. Happy should not be happy all the time. |
> #===============#==#
> | k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
> #===#
>
Burt if hams bother you why do you post in here you dumb jerk.

Thomas J. Penton
afn45350@afn.org
I am a stranger in a
even stranger land

932. Re: Cheap CW Transceiver?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-13 00:00:00 UTC
From: kc5ng@dlep1.itg.ti.com
Message-ID: <4upsr5$246@sf18.dseg.ti.com>
Source record: 219050
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.swap

Rick,

I suggest trying the SW-1 (sold by its designer, Dave Benson NN1G) for about $55 postpaid (he's good in the callbook, write him directly), or the earlier NN1G Mark II transceiver (sold by Dan's Small Parts & Kits, 1-406-258-2782) for $59.95 plus postage.

Both of these are superhet receivers with crystal i-f filters, full QSK, VFO on tx/rx, about 1.5 Watts output, easy to build, and perform well. I have one of each and I like them very much (SW-1 on 40m, NN1G on 20m).

Give 'em a try!

73 / 72 de KC5NG/QRP

933. Re: Antenna Driving me nuts

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-13 00:00:00 UTC
From: ny1t@ix.netcom.com
Message-ID: <4upr8k$a5p@dfw-ixnews7.ix.netcom.com>
Source record: 219051

I would check the connector for a shorted braid to center conductor. What are you using for a radio and SWR meter? If you are using a meter in the radio, you could have a bad connection in the radios antenna connector. I have seen this due to people trying to tune their SWR, transmitting too long and melting the solder connection at the circuit board or so239.

934. Re: FS: All Ham Bands, Reply to Republican Congress

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-13 00:00:00 UTC
From: Steve Sampson <ssampson@oklahoma.net>
Message-ID: <32106CB6.49065C91@oklahoma.net>
Source record: 219052
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.amateur.policy

T E I X E I R A wrote:
>
> Yea but you can trust a Socialist, I wouldn't buy a car from a
> Republican. d8-)

President Ford had a good one at the convention last night:

Comparing presidents to cars, Ford remarked that the current
president was more like a "Dodge convertable."

Socialist, communist pimps... Only a moron would claim to be
a democrat.

Steve

935. ANARTS RTTY News Bulletin 921 11TH AUGUST 1996.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: dave@eram.esi.com.au
Message-ID: <4ushj3$e26@eram.esi.com.au>
Source record: 218903
Cross-posted to: aus.radio.amateur.misc,rec.radio.amateur.misc,rec.radio.info

[ANARTS - Australian National Amateur Radio Teletype Society]

ANARTS News Bulletin 921 11TH AUGUST 1996.

COLS COLUMN

THE CAST IS FAIRLY LONG THIS WEEK, SO I WILL KEEP THE COLUMN SHORT THIS TIME. I HAD A PACKET FROM DAVE VK2KFU RE JIMS FLYING CAREER. HE WAS AMAZED THAT JIM WAS FLYING DC3'S BEFORE HE WAS BORN. DAVE SAYS HE IS GOING ON A DC3 FLIGHT SOON AND WOULD JIM BE INTERESTED. I HAVE PASSED JIM'S PACKET ADDRESS TO DAVE, SO LETS HOPE JIM IS ABLE TO HAVE ANOTHER RIDE IN THE BIG BIRD. BY THE WAY, JIM WAS FLYING DC3'S BEFORE I WAS BORN TOO (AHEM).

[Comment from Dave: I'm in my 40s, and I didn't think that the author was much older than I was.]

WE HAVE OUR TWO MONTHLY MEETING TONIGHT (FRIDAY 9TH AUG), I WILL INCLUDE A REPORT ON THE MEETING NEXT WEEK AND TRY TO HAVE READY AN ANNUAL PRESIDENTS REPORT ON THE STATE OF THE NATION.

FOR THOSE STATIONS THAT COPY THE BROADCAST ON 40 METRES, AS AN EXPERIMENT, I WILL LEAVE MY SYSTEM ON MAILBOX MODE THIS SUNDAY AFTERNOON. IT WILL BE AVAILABLE FROM END OF CALLBACKS UNTIL TO APPROX 0600 UTC, THATS 1600 EST TIME. IT WILL BE OPERATING ON BOTH AMTOR AND PACTOR MODES. IF SUCCESSFUL AND THERE ARE SUFFICIENT CALLERS TO WARRANT IT, I WILL SHARE THE AVAILABLE TIME BETWEEN 40 AND 20 MTRS SO THAT MORE DISTANT STATIONS CAN OBTAIN A COPY ON SUNDAY AND NOT WAIT TILL IT ARRIVES ON PACKET

THATS ALL FOR THIS WEEK, HOPE TO SEE YOU ON MY MAILBOX LOG.

ANARTS RTTY CONTEST UPDATE

ALL STATIONS ARE REMINDED THAT THERE IS ONLY 3 MORE WEEKS TO GO BEFORE THE CUT-OFF TIME FOR SUBMITTING YOUR LOGS. ANY STATION THAT HAS NOT YET SENT THEIR LOGS IN, GET CRACKING.

ABOUT 65 LOGS HAVE BEEN PROCESSED AND ANOTHER TEN HAVE JUST ARRIVED, SO THERE SHOULD BE WELL OVER 80 LOGS IN TOTAL, HOPE-FULLY WE MAY JUST MAKE 100. WE HAVE THIS YEAR A RECORD NUMBER OF STATIONS TAKING PART SINCE JIM VK2BQS BECAME CONTEST

MANAGER. WE WILL HAVE AN INTERIM REPORT ON THE RESULTS OF THE CONTEST BY THE END OF SEPTEMBER. THANKS AGAIN TO ALL THE VK STATIONS FOR YOUR SUPPORT THIS YEAR.

WEEKLY SOLAR AND GEOPHYSICAL REPORT

(2 AUGUST - 08 AUGUST)

ISSUED ON 09 AUGUST 1996

SUMMARY
Date 02 03 04 05 06 07 08
10cm 80 79 78 74 73 72 70
A 11 8 9 8 8 5 (5)
T 9 1 11 1 5 8 11

SOLAR ACTIVITY WAS VERY LOW, OR LOW, THROUGHOUT THE PERIOD.

THE GEOMAGNETIC FIELD AT LEARMONTH W.A. WAS QUIET TO UNSETTLED.

MAXIMUM USABLE FREQUENCIES AT SYDNEY WERE NEAR PREDICTED MONTHLY VALUES, EXCEPT FOR A PERIOD FROM 1300 TO 2000 UTC ON 7TH AUGUST WHEN FREQUENCIES WERE ENHANCED TO 30 PER CENT. SPREAD F WAS REPORTED ON 3RD, 4TH AND 8TH.

FORECAST (09 AUGUST - 15 AUGUST)

Solar: Very low

Geomagnetic: Quiet to unsettled

Frequencies: Near predicted monthly values

A Windows version of the IPS HF prediction software, ASAPS, will be available from early August 1996, for AUD350. Upgrades from DOS versions 2.0 and higher will be available for AUD50.

For more details, or to obtain a free demonstration copy, please contact IPS.

COURTESY OF IPS RADIO AND SPACE SERVICES

RTDX0802 RTTY DX
VK2SG RTTY DXNOTES FOR WEEKENDING 2 AUGUST 1996 (BID RTDX0802)

Our information this week came from DJ3IW and the Central Europe DX Cluster DB0SPC, I5FLN and the IK5PWJ Packet Cluster, N1RCT, OH2BDP, OH2BUA, OH3MEP, W5KSI, WB2CJL, ZS5S, and the MJ0M node of the Minnesota DX Packetcluster network.

Thanks to all for your information.

Bandpass:
Friday 26
0218-14085 5W0BS QSL via AA8HZ
1404-28680 HA5CAR SSTV
1521-14236 JA5TFF SSTV
1709-14076 ZS1CM Pactor
2114-14228 HK3DDD SSTV
2130-14080 HK3DDD

Saturday 27
0053-14082 UN5PR
0246-14081 5W0DG
0343-14083 5W0BS
0428-14086 4X6UO
1400-14089 RK4LWZ
1447-14083 4S7NR
1448-14081 UN5PR
1533-14085 OH2LU
1802-14085 GW5NF
1808-14087 5W0BS
1817-14081 9Q5PA
1907-14084 RF3Q

Sunday 28
0013-14088 5W0DG
1250-14086 S79MAD
1316-14085 4X6UO
1318-14082 OY4TN
1337-14087 PJ2MI
1430-14084 ES7FQ
1802-14085 FO5OP
1822-14081 9Q5PA

Monday 29
0023-10137 PJ2MI Pactor
1537-14071 VQ9CP Pactor
1949-14081 5X1T
2034-14088 TA2IO
2236-14230 9A3TB SSTV/FAX
2354-14086 HK3BZO

Tuesday 30
0500-14082 HK3BZO
0616-14086 XT2DP
1831-14088 OI3LQK
1836-14083 CU1AC
1838-14084 RF3Q QSL via RM3QO
2001-14080 J41OG Olympic Games Spcl Evt.
2104-14087 TA2IO
2126-14085 IS0YTA
2131-14083 4L1DX

Wednesday 31
1745-14083 XT2DP
1749-14085 CU1AC
1805-14088 OY4TN
1811-14080 5X1T
1853-14081 RF3Q
1914-14086 TA2FT
2057-14086 PJ2MI

Thursday 1
0616-14230 9H4B SSTV
1223-14083 HK4CZE
1438-14085 HL0Y/3
1717-14233 7Z1IS SSTV
1810-1408V5DDR
1843-14087 XT2DP
1914-14087 9H3UF
1904-14083 TA2FT
1932-14080 OY4TN
2016-14081 RU3AT AMTOR
2104-14088 PJ2MI
2151-14083 CU1AC

Notes of Interest:

The VK2SG RTTY DX NOTES are also available on the Internet at reflector <digital-dx@st.rim.or.jp>. Check also the OH2BUA Webcluster at URL <http://www.clinet.fi/~jukka/webcluster.html>.

For next week's bulletin, send your bandpass and notes of interest to Bob, WB2CJL(at)W5KSI.#NOLA.LA.USA.NA

73 and good hunting de Jules W2JGR(at)W5KSI.#NOLA.LA.USA.NA

The Ohio/Penn Dx PacketCluster
DX Bulletin No. 265 - Excerpts

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, KA2AEV, K6OZL, NL7TB, WB9PTN, AH0W/OH2LVG, DF4RD, DL8ZAJ, DL9GOA & DX News Letter, F6AJA, F6IIE, G4BUE & DX News Sheet, HL1SSG, and LA4LN following DX information.

5N, NIGERIA. The DX New Sheets report that Pete/W0AW, Mike/N9NS, Joe/K8JP and Vincent/G0LMY, will be active October 22nd to November 3rd, on CW/RTTY and satellite RS-12 and AO-13. They will also be active in the CQWW SSB Contest as 5N9N and are looking for two more operators. Contact Pete, W0AW, if you're interested. QSL via N2AU direct only.

5R, MADAGASCAR. Theo, DJ1RL, and Hans, DK8FB will be active starting on Monday, August the 5th. Operation will be until

the 13th. Theo's callsign will be 5R8EY, and he plans to be active as usual in CW with most of his operations on 160 meters. He will transmit on 1824 kHz and listen on/between 1830 - 1832 kHz.

5R, MADAGASCAR. Jean Michel will visit Gerard, 5R8EN, between August 18th and September 8th. He will operate as a guest operator or with a personal call sign. During this period Jean Michel and Gerard will try to go to Nosy Be (IOTA AF057).

EL, LIBERIA. Carl, K4YT/DL4YT, has plans to be active for 2 to 3 weeks from Monrovia, starting August 12th. His callsign was not mentioned. QSL to homecall.

FK, NEW CALEDONIA. Hiro, JE5WIM, plans to be active mainly on CW from August 10-14th. QSL via homecall.

KH4, MIDWAY ISLAND DXPEDITION. The August 1996 DXpedition to the Midway Atoll National Wildlife Refuge, (KH4 and IOTA OC-030), is pleased to announce that the operation will now include satellite modes. Joining the team as satellite operator is Pat Guerin, NH6UY, of Honolulu who is well experienced in satellite operating from a number of other Pacific DXpeditions. The rest of the team includes AH0W/OH2LVG, W2UE, UA3AB and WA7LNW. QSL route for the Midway operation is Bob Johnson, KE7LZ.

KH6, HAWAIIAN ISLANDS. Eric, WB9PTN, will be on Maui from August 10-22th, signing WB9PTN/KH6. He will operate mainly on the WARC bands, and he will also try some low bands. He will also operate in the NA QSO party. QSL via 96 CBA or via WB9PGB.

TK, CORSICA. Paul, F2YT, will be active as TK/F2YT from August 18th to September 2nd. He will also try to be active from some coastal island.

SB DX ARL ARLD036
ARLD036 DX news

This week's bulletin was made possible with info provided by Tedd, KB8NW, the OPDX Bulletin, Chris, G4BUE, the DX News Sheet, Jean Michel, F6AJA, Min, HL1SSG, Joe, NJ1Q, The DX News Letter, Uwe, DL9GOA, Frank, AH0W/OH2LVG, and Contest Corral from QST. Thanks to all.

FIJI, 3D2. Gianni, I5JHW, will operate 40 to 10 meter CW and SSB August 8 to 14, possibly as 3D2HW. Check out 14022 kHz. QSL via I5JHW.

SOUTHERN COOK ISLANDS, ZK1. I5JHW will be here August 14 to 20, perhaps operating as ZK1XO. QSL via I5JHW.

DJIBOUTI, J2. Jean Claude, J28JA, has been on 160 meters. Try between 0100 and 0200z around 1830 to 1835 kHz. QSL via F5PWH.

GREENLAND, OX. The Danish branch of the International Police Radio Club, IPARC, will sign OX3IPA from Nuuk October 28 to November 11, mostly with CW on 160 through 10 meters. QSL via OZ5AAH with SASE ONLY.

CRETE, SV9. HA0HW will sign SV9/HA0HW/P August 5 to 19, mostly on 30, 17 and 24 meters. He will also do some 40 and 20 meter CW and SSB. QSL via HA0HW CBA.

CORSICA, TK. Paul, F2YT, will sign TK/F2YT August 18 to September 2. He will try to be active from some coastal island.

SOUTH KOREA, HL. The Dongah University ARC of Pusan will go on DXpedition to Maemul Island, IOTA AS-081, August 8 to 12. Listen for HL0BDU/5. QSL direct or via the bureau. The Yonsei Amateur Radio Research Association is QRV until August 3 as HL0Y/3 from Sapsi Island, IOTA AS-080. Check 40 through 10 meter CW and SSB. QSL via HL0Y.

LESOTHO, 7P. Martin, G4FUI, should be active from Maseru until early December as 7P8/G4FUI. He operates CW and SSB. QSL via G4FUI.

COMING EVENTS

AUGUST 17TH-18TH SARTG WW RTTY

SEPTEMBER 28TH-29TH CQ/DJ WW DIGITAL

OCTOBER 19TH-20TH JARTS WW RTTY

Society information

The Society may be contacted at : PO Box 860, Crows Nest 2065 Australia, for such matters as membership and general enquiries. Enquiries can also be made by packet to the President (Col) VK2CTD at VK2WI, or the Secretary (Pat) VK2JPA at VK2WI.

News items may be sent to Broadcast Officer PO Box 60 Blacktown 2148 Australia, or fax to (02) 9672-3392, or by packet to VK2JPA at VK2WI.

Email address for the Broadcast Officer is :

patl(at)pitt.conmusic.su.oz.au
or patl(at)extro.ucc.su.oz.au

--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2DAA.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | D8 15 71 F9 26 C8 63 40 5E 63 5C 65 FC A0 22 99

936. Re: HTX202 mod fix,heres all of it

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4ushcu$g@freenet-news.carleton.ca>
Source record: 218904

```
richard (n6uzs@juno.com) writes:
- snip -
> My friend has taken both of his 202's in at least 4-5 times already
> but he only lives 30 minutes away.
>
> Hope this helps all those 202 owners out there. Please post to the NG
> here in regards to any results you come up with after the cap mod.
>
> Good luck,
> Richard N6UZS.
> n6uzs@juno.com

I only had it happen to me once. When I use a batt pack bigger than 7.2V
WITH a rubber ducky. Not a big problem. I think any decoupling capacitor
will do the trick.

--
(((((
0-0-,((
-----.oO--O---Oo.------
| Frank Sved |
```

937. Re: HELP: IS PC SWITCHING POWER SUPPLY OK???

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: ignacy@num.ads.uga.edu
Message-ID: <4usnqo$i0o@hobbes.cc.uga.edu>
Source record: 218905
Cross-posted to: rec.radio.amateur,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

In <4ulu2o$mcs@faith.total.net>, ehoffman@total.net (Big Boy) writes:
>I have a old crap 8088 'tole box' as you can say! With the power supply. It's
>rated 7Amp at 12 Volts but i'm wandering if i can use it to supply my mobile
>(used as a base) 13.8V tranceiver unit. I dont know much of switching power
>supply technology and i want to know if it's safe. The problem may be when i
>switch from RX to TX and from TX to RX... could there be a fatal burst of
>voltage? Or peraps with a big cap, like 22 000uF, at the exit i can control
>those peek?

One problem with switching powel supplies is wideband noise. I used a
stock Yaesu switching PS a while ago, and with low and
shortened antennas the noise was overwhelming. It was OK with high
full-sized antennas.

That PS once gave up at a thunderstorm, something that has never
happend with the conventional PS.

Ignacy Misztal Ham radio: NO9E, SP8FWB
E-mail: ignacy@uga.cc.uga.edu
University Of Georgia, 203 L-P Bldg., Athens, GA 30602
tel. (706) 542-0951

938. IC-M600 Ham band conversion info needed

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: griffin@ridgefield.sdr.slb.com
Message-ID: <griffin-1408960947250001@griffin-mac.ridgefield.sdr.slb.com>
Source record: 218906
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.boats,rec.boats.cruising

I have an IC-M600 I would like to modify to transmit in the ham bands.
Could someone email conversion info to me please?

Thanks,
WA1KRX

Doug

Douglas Griffin Griffin@ridgefield.sdr.slb.com

939. IL hamfest/computerfest calendar

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: parnass@bell-labs.com
Message-ID: <4usn3q$hc0@ssbunews.ih.lucent.com>
Source record: 218907
Cross-posted to:
rec.radio.scanner,alt.radio.scanner,sci.electronics.repair,rec.radio.swap,rec.radio.amateur.misc,rec.radio.shortwave

HAMFEST/COMPUTERFEST CALENDAR 1996 - NORTHERN ILLINOIS
last updated June 24, 1996

o Please report additions or changes to Bob Parnass, AJ9S, office phone: (708)979-5414, electronic mail: parnass@bell-labs.com. Thanks to Dennis Dale and ARRL for providing some of the information.

AUGUST

August 4 (Sunday) - Peotone, IL - Hamfesters Radio Club 62nd annual Hamfest and Computer Festival. Will County Fair-grounds, Peotone, IL I-57 Exit 327 East 6a.m. - 3 p.m. Air conditioned main exhibition hall opens 8 a.m. Lots of covered flea marked space, acres of free parking. Grand prize $500, 2nd Prize $300, $100 for 3rd Advance double-stub tickets $4.00, $5.00 at gate for more info e-mail Jim Riley KB9CYL at rileytrix@aol.com

August 10 (Saturday) - Western Illinois ARC Swapfest, Quincy, IL. Eagles Alps Grounds 3737 North 5 th Street. 4.5 miles north of downtown Quincy with easy access from US Highway 24. 8:00 a.m. to 2:00 p.m. Admission is $3.00 at the gate, $2.50 in advance, per person. ARRL VEC testing, all classes, is at 12:30 p.m. Reservations go to NA9Q at (217)224-8526. Indoor flea market is $5.00 per 5-ft table. Outdoor tailgating space is free. Talk-in is on 147.03. Lunch will be served on the grounds.

August 18 (Sun) - DuPage ARC, Stickney, IL. DuPage ARC Ham-fest Computer Show. Hawthorne Race Course, 3500 S. Cicero Ave. Air conditioned exhibit hall for dealers. Outdoor fleamarket spaces free. 8AM - 2PM. 6 AM setup. Admission $5. Kids under 12 free. Talk in 145.25 MHz. Info: Ed Weinstein, WD9AYR, 7511 Walnut Ave., Woodridge, IL 60517. tel: 708-985-9256.

August 25 (Sun), Woodstock, IL - Tri-County Radio Group. McHenry County Fairgrounds, Rt. 47. Admission $5 at gate, free parking. Kids under 12 free. Info (voice/fax) (708)658-1678.

August 25 (Sun) - Vermilion County ARA, Danville, IL. Info: Gary Denison, KA9SKS, 14704 East 2750 North Rd., Danville,

IL 61834-5610. tel: 217-759-7389.

August 28 - 30 - Antique Radio Club of Illinois, Elgin, IL. RadioFest96. Holiday Inn Holidome and Convention Center, 345 River Road, Elgin, IL 60123 Ph. (708)695-5000, (847)695-5000 After 01/20/96. Info: Jeff Aulik, 1708 Parkview Ave., Rockford, IL 61107 or Carolyn Knipfel, RR 3, 200 Langhorn, Morton, IL 61550.

SEPTEMBER

September 8 (Sun) - Bolingbrook ARS, Joliet, IL. Info: Ed Weinstein, WD9AYR, 7511 Walnut Ave., Woodridge, IL 60517, tel: 708-759-7005

September 13-15 (Fri, Sat, Sun) - Peoria, IL. ARRL National Convention. Info: Ron Morgan, KB9NW, PO Box 3508, Peoria, IL 61612-3508, tel: 309-694-2649

Sep 21 & 22 (Sat & Sun), Grayslake, IL - Chicago FM Club Radio Expo. Lake County Fairgrounds. Starts 6 AM. Buildings open 8 AM. VEC testing. Info, (708)457-0966. Usually one of the best hamfests in NE IL.

Sep 29 (Sun) - Computer Central, College of DuPage (see notes at the end of this article).

NOTES - Computer Central shows

Computer Central computer shows are held at the College of DuPAGE, Main Arena of the Physical Education Building Park Blvd & College Road, Glen Ellyn, Il. 708-940-7547. $5 admission with card, normal admission $6.00. Opens 9:30 am - 3:00 pm.

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Copyright 1996, Bob Parnass, AJ9S parnass@bell-labs.com

Locate & identify transmitters in your area with RadioMap(tm)

940. Seeking past OCAS ARA membership

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: "Graham C. Cebulskie KB8RDM" <kb8rdm@ieee.cas.uc.edu>
Message-ID: <Pine.LNX.3.91.960814102528.27814A-100000@ieee.cas.uc.edu>
Source record: 218908

If you have been a member of the OMI-College of Applied Science Amateur Radio Association K8ORW please send e-mail with your name, call-sign, and the dates you were a member. Please include your postal mail address. If you could, include information on the activities and the names of any other members and officers that were during the same period. Thanks and 73 de

```
////////////////////////////////////////////////////////////////////////
/ Graham Cebulskie KB8RDM Internet: kb8rdm@ieee.cas.uc.edu /
/ President Packet: KB8RDM@W8YX.#CIN.OH.USA.NA /
/ OCAS Amateur Radio Association Voice: 145.450- MHz /
/ Editor: The Repeater WWW: http://129.137.102.71/~kb8rdm/
/ Electrical Engineering Technology Creating a high public visibility /
/ OMI College of Applied Science of Amateur Radio and having a great /
/ University of Cincinnati time with the hobby! /
////////////////////////////////////////////////////////////////////////
```

941. Re: HELP: IS PC SWITCHING POWER SUPPLY OK???

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: "Merv Stump"
Message-ID: <4usopq$jqi@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 218909
Cross-posted to: rec.radio.amateur,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

I tried a switching supply with a Kenwood 2530 on 2 meters. Consistently
got lousy audio reports. Regards, Merv

942. Re: HAM License Vehicle Plates

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: horak@convex.com
Message-ID: <4usp3f$dh1@eugene.convex.com>
Source record: 218910

In <4ur1li$be4@gaudi.lahabra.chevron.com> Curtis Wheeler <cwheeler@ccnet.com> writes:

>Will.A.Sheffield@tek.com (Will Sheffield) wrote:
>>I am looking for information concerning what states allow you to have more
>>than one vehicle registered with the same HAM call sign. If hyou have
>>information concering this, please e-mail me. I would like to see if I can
>>get the state of Oregon to go along with this plan also.

Here in Texas, you can put them on as many vehicles as you own. $1 a piece
for the plates!

David

943. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: Jack
Message-ID: <3211BFE9.2DA0@sullivan.vf.mmc.com>
Source record: 218911
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Burt Fisher wrote:
>
> Surprise2 wrote:
>
> > Burt Fisher you are a PUSSY so shut the fuck up.
> >
> > You are dumb too.
>
> Pussy? Do you mean a kitty? Because the other thing
> you could mean you would have no experience with.
>

Hey Burt, do you know what really worries me about you?
You have the ability to poison young minds with your school
teaching. Kids are brought up to respect teachers and not
question them. How are they to know that yours is not the
only view of the world?
You remind me of W2NSD and his editorials; he doesn't know how to
respect someone elses' opinions.
de Jack N2MPU

944. Re: Chris & Jerry (not the comic book)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4uspe5$30o@freenet-news.carleton.ca>
Source record: 218912

Jim Kehler (pacrimgolf@kuentos.guam.net) writes:
----- snip -----
>
> Chris, we all read the AIDS debate. Then we read the debate of the AIDS debate.
> Now we are reading an instant replay of the debate of the AIDS debate. If you
> and Jerry were both here, I'd give you each a 2x4 and let you go out in the back
> yard and settle this once an for all. You don't have to keep defending
> yourself. You're smart enuff to realize that this has ABSOLUTELY nothing to
> do with ham radio. If you want to keep it up, I can send you Jerry's email
> address. He loves getting email anyway. You should both be glad you don't
> have AIDS. And we would all be glad if you use 2x4's, boxing gloves, lawyers,
> or whatever you need to use to settle this elsewhere, and then just let us know
> who won.
>
> Hafa Adai,
> Jim KH2D
>
>
Don't even bother letting us know who wins. no one cares about this garbage.

--
(((((
0-0-,((
----.oO--O---Oo.------
| Frank Sved |

945. 6th district bureau

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: rdidonna@liberty.uc.wlu.edu
Message-ID: <Dw4x91.734@logic.uc.wlu.edu>
Source record: 218913

Have been out of the contesting/dx loop for a while and am wondering
what the address for the 6th district QSL bureau is these days??
Also, what are the fees for getting envelopes out of the bureau. I thought
it used to be about $2.00 for 5 envelopes???

Rich KI6ZH

--
// Rich DiDonna @ Washington and Lee //
// Politics and East Asian Studies //

"If God wanted us to use the metric system,
Jesus would have had 10 apostles, not 12. . . "

946. Re: HAM License Vehicle Plates

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: billsohl@planet.net
Message-ID: <4ustf0$4ng@jupiter.planet.net>
Source record: 218914

Curtis Wheeler <cwheeler@ccnet.com> wrote:

>Will.A.Sheffield@tek.com (Will Sheffield) wrote:
>>I am looking for information concerning what states allow you to have more
>>than one vehicle registered with the same HAM call sign. If hyou have
>>information concering this, please e-mail me. I would like to see if I cann't
>>get the state of Oregon to go along with this plan also.

NJ allows twosets of plates. The second set of plates includes a
small number 2 after the call letters. For example:

First set of plates - K2UNK
Second st of plates - K2UNK (2) whhere the two in parens is about
one third the size of the call letters.

Bill Sohl K2UNK
ARRL Local Gov't Liaison, Mt. Olive Township, NJ

947. Re: West Coast Blackout

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: n7ory@primenet.com
Message-ID: <4usu0b$l5f@nnrp1.news.primenet.com>
Source record: 218915

We did an OK job in Phoenix too. A 2 meter net formed on the 146.94 machine shortly after the power went off, and passed utility outage information back and forth. The only real help that this net provided was directions to facillities where water and food services could be obtained.

I imagine that there were other nets going on other frequencies, but I didn't happen accross them. I was monitoring 52.525 and 223.500 for traffic, while listening to the 94 net.

Although my power came right back on after a brief fluctuation, I do have enough DC stored in batteries to last for a couple of days with moderate use. I also have an inverter, should small current AC devices need power. With the exception of my computer, everything in my shack operates on 12v. The 12v supply is automaticly switched to battery when power fails.

If anything, this little scenario should make us all take a look at our emergency power sources. Do you have one? How long will the power last? We need to be asking these questions, before we ask them in the dark.

Rob Neff (N7ORY)

948. Re: West Coast Blackout

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: KD1YV <jimkd1yv@ix.netcom.com>
Message-ID: <3211EC32.4892@ix.netcom.com>
Source record: 218916

Peter Coffee AC6EN <72631.113@CompuServe.COM> wrote:
>
>TORRANCE, CALIFORNIA, 12 AUGUST 1996
>
>When the lights went out on August 10, all over Los Angeles
>County, there wasn't any point in trying to phone home. Both

{deletia}

Good news on the excellent ham coverage. Most likely, the success was because
of your constant drills which you mentioned.

Unfortunately, I read the following a day before yours, on a real news service.
Now which do you think that the Republicans are going to remember when it comes
to auctioning off the ham bands.

Quote from Business Wire.
>> NEW WIRELESS PHONE NETWORK COMES THROUGH POWER OUTAGE; PACIFIC BELL MOBILE SERVICES
REPORTS 100% INCREASE IN CALL VOLUMES AT REPUBLICAN
NATIONAL CONVENTION - Pacific Bell Mobile Services announced today
that its new wireless phone network serving the Republican National
Convention performed flawlessly through yesterday's power outage
affecting nine western states.
End quote.

73 de Jim

949. WTB: Older 2 meter mobile for packet

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: blott@baker.cnw.com
Message-ID: <4uspvc$nsh@lassen.cnw.com>
Source record: 218917

Hi everyone,

I am looking for an old 2-mtr. mobile rig to use on my staion for packet and a very small percentage of voice coms (NO TONES REQUIRED). the rig can be in bad cosmetic shape(also). if it transmits good that's all i need but would be nice if both xmit&rcv worked. I don't have a bunch of money to spend on this rig so if you have an old rig collecting dust or if it NEEDS REPAIRED please let me know and maybe we'll both be happy, You get it out of your shack and I have a rig to run packet. -

Please synthisized if possible I have no luck with crystals. something like an ICOM 25-H,27-H OR KENWOOD TR-7400,7500.

THANKS Bob "KC7OSZ"

73's from Mt. Vernon, WA (Bob Lott "KC7OSZ"):
INTERNET: blott@baker.cnw.com
NOS: KC7OSZ@KG7HQ.AMPR.ORG 147.440 Mhz
PACKET: KC7OSZ@N7RHQ.#NWWA.WA.USA.NA 144.910 Mhz

950. Re: West Coast Blackout

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: n7ory@primenet.com
Message-ID: <4ut3rq$s74@nnrp1.news.primenet.com>
Source record: 218918

KD1YV <jimkd1yv@ix.netcom.com> wrote:
<snip>
>Unfortunately, I read the following a day before yours, on a real news service.
>Now which do you think that the Republicans are going to remember when it comes
>to auctioning off the ham bands.

It doesn't matter if they are an ass or an elephant. When it comes to
money, issues like this have no party boundaries.

>Quote from Business Wire.
>>> NEW WIRELESS PHONE NETWORK COMES THROUGH POWER OUTAGE; PACIFIC BELL MOBILE SERVICES
REPORTS 100% INCREASE IN CALL VOLUMES AT REPUBLICAN
> NATIONAL CONVENTION - Pacific Bell Mobile Services announced today
> that its new wireless phone network serving the Republican National
> Convention performed flawlessly through yesterday's power outage
> affecting nine western states.
>End quote.

And you know what? I'll bet that there will be other wireless services
available for the Democratic Convention. I'm sure that this "wire"
would convey the same message if some other convention of that
magnitude were to have occurred at the same time.

I guess it was the Republicans that took 11 meters from us, 5 meters,
220-222 and everything else right? Take a look at who makes the
decisions about these issues, and take a look at who appoints the
commisioners to seats at the FCC. <HINT> Clinton is about to appoint
one..

.-- . - .- -.-. .-.. ..- . .-.-.-

Rob Neff (N7ORY)

Bob Dole - Simply because any Republican is better than Clinton.

951. W6LFJ operating from Alcatraz

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: John Mullan <jmullan@sr.hp.com>
Message-ID: <32122E02.657C@sr.hp.com>
Source record: 218919

Sonoma County Radio Amateurs will operate a one day mini-dxpedition from
"The Rock",
Alcatraz Island in San Francisco Bay on Sunday, August 25. See the web
page at "http://www.cs.sonoma.edu/~ken/scra.html" for additional
information, times, freqs and QSL info.

952. Re: Schematics NEEDED

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: Roger Basford <Basford@g3vkm.demon.co.uk>
Message-ID: <$8spRDAAXiEyEwVU@g3vkm.demon.co.uk>
Source record: 218920
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.misc,sci.electronics.repair

In article <32055628.23A8@onramp.net>, dave hills <dhills@onramp.net>
writes
>I have a WWII vintage Army receiver, model BC-348, which does not
>operate on the high band. Does any one know where I can obtain a
>schematic for this model? I would very much appreciate any help!
>
Dave,

If you have WWW access you could try the site at:-

http://linux.cec.army.mil/Bille/m*.htm, where * is the list number
starting at m1.

This site has a list of most (?) of the radio gear used by US forces
back to WWII and although most of the entries just give basic details of
equipment some of the older stuff has schematics in .GIF format. I'm
fairly sure that the BC-348 will be one of these as it has all the
different marks listed. I copied the BC-1306 TX & RX schematics and they
printed out nicely.

Cheers,

Roger Basford, G3VKM

////////////////////////////////////
* e-mail: Basford@g3vkm.demon.co.uk *
* Roger Basford, Haddiscoe, Norfolk U.K.*
////////////////////////////////////

953. tr9000 MARS mod

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: Joesph Fenn <jfenn@spartacus.hula.net>
Message-ID: <Pine.OSF.3.93.960814105855.15263H-100000@spartacus.hula.net>
Source record: 218921

Does anybody out there know the modification required to permit the
kenwood TR9000 all mode vhf rig to go outside the 2 meters bands. It does
already go out to 148.9 on high end, but on low limit only goes down to
143.90. How can it be modified to go as low as say 143.0 or lower?...
**** KH6JF (ABM6JF Army Mars)

954. Re: West Coast Blackout

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: n7ory@primenet.com
Message-ID: <4utcoq$9pa@nnrp1.news.primenet.com>
Source record: 218922

n7ory@primenet.com wrote:

>.-- . - .- -.-. .-.. ..- . .-.-.-

Trust me, I know. It's an attention test.

Rob Neff (N7ORY)

955. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: cphillips@interpath.com
Message-ID: <4uth60$6s2@redstone.interpath.net>
Source record: 218923
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

gfiber@halcyon.com (Gary Fiber) wrote:
>mike_luther@ziplog.com wrote:
>>>>The FCC has issued new rules regarding the evaluation of RF Emissions and
>>>>health effects from all transmitters. As always, the devil is in the details
[snip]
>>Oh knowledge of the affair isn't really required! Product liability, for example
>>transcends all reasonable sane limits for time elapsed on that, with or without
>>knowledge.
[snip]
>It might be the manufacturers will have to apply a warning label on equipment
>to remind the installer / user of the possiable electromagnetic radiation
>problems of improperly installed equipment.
[snip]
>I would guess this might also be a good case for antenna heighth. The higher
>the radiating element the less signal affects the immediate surrounding area

YEAH!!!!! That's the ticket. Not only can they NOT restrict you
from having a tower, you MUST have at least, say, a 100 foot tower.

If you can't afford one, the government must assist you in getting
one... today FOOD STAMPS, tomorrow TOWER STAMPS!! :-)

========== Opinions expressed are solely those of the author =========
Curt Phillips, CEM KD4YU (ex-WB4LHI) | Hey, cut me some slack!
Engineer/Writer/Adventurer/Raconteur | This is just the
Chairman, Tar Heel Scanner/SWL Group | BETA-TEST
ARRL Life; QCWA; Raleigh ARS; NRA; AEE| version of me.
== cphillips@interpath.com ==== [Copyright 1996 All rights reserved]==

956. Icom-735 question.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: torpor@fnal.gov
Message-ID: <4utd7r$mk3@fnnews.fnal.gov>
Source record: 218924

I would like to obtain information on how to unlock the
Icom-735 to transmit on it's entire frequency spectrum.
Has anyone performed these mod(s); or direct me to
someone who has?
Please reply to: torpor@fnal.gov

Thanks.

957. Anyone know what Motorola MUX stands for?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: sidener@crunch.nuc.umr.edu
Message-ID: <4utkc7$pi1@hptemp1.cc.umr.edu>
Source record: 218925

Hi, I just found out that I have a Motorola Micor that has duplex/MUX

I was wondering what MUX meant.

Thanks,

Scott Sidener N0WFL
sidener@umr.edu

958. Re: FS: All Ham Bands, Reply to Republican Congress

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: Karl Oyster <koyster@infi.net>
Message-ID: <4uthp5$eu8@nw101.infi.net>
Source record: 218926
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.amateur.policy

Isn't it wonderful that in this country we have freedom of speech, which also is the freedom to act like a total ass. I'm glad you took advantage of that freedom, Steve. I'm also glad that you said what you said, because that way I don't have to say anything whatever critical of you -- you ensured that everyone who read what you wrote would understand that you took advantage of the freedom.

959. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <32126307.6695@juno.com>
Source record: 218927

Thomas J. Penton wrote:
.
> You did not answer my question why do you bother posting in here if all you
> do is piss everybody off. i consider you a troll.

You are not a ham, I consider you a fraud

> Thomas J. Penton
> afn45350@afn.org
> I am a stranger in a
> even stranger land

--
#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#================#===#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#===#

960. Re: Mr Happy should be happy SOME of the time.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <32126484.1178@juno.com>
Source record: 218928

Mark G Robinson wrote:

But not all the time.
Of course in hams Mr. Happy lies limp.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#================#===#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#===#

961. Vanity call Gates

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: etclegg@greenapple.com
Message-ID: <4utdh3$nrp@news2.ee.net>
Source record: 218929

Where can I get a list of anticiipated dates for the release of the Gates? I'm surprised not to find more at this group on this topic. W3LOY wanting to become W8LOY since once upon a time I was also W2LOY.

962. DXer / Contester Florida Pool Home, $109,900

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: dsnowden@ncdc.noaa.gov
Message-ID: <4utded$ego_005@ncdc.noaa.gov>
Source record: 218930

Palm Bay --- 3br 2bath all brick pool home, 1760 sq ft, 2700 under roof. 3/4 acre private lot on cul de sac. Large 1 yr old pool with automatic cleaning/chlorinating equipment. Large screened enclosure. Deep well sprinkler system. Fruit trees (orange, guava, pineapple). 3 miles from new hospital, 5 minute drive to shopping. Palm Bay is located about 3 miles from the Atlantic Ocean as the crow flies and about 60 miles SE of Orlando/Disney World. Room for at least two towers. Up until a few months ago I had two towers as well as a fullsize 40m ground plane on a 30 ft pole. Home is slightly skewed on lot, enabling extra room for antennas. If you are a contester, I have won several contests from Palm Bay, and placed well n CQWW for 4 land several times all with little gun antennas/radios. Good DXing location. No TVI (cable tv) but in a country atmosphere. $109,900 Appraised at $123,000. No state income tax. Warm winters. Will consider offering furnished. N4IJ Call (407) 984-9360 dsnowden@ncdc.noaa.gov

dsnowden@ncdc.noaa.gov

963. Re: Icom-735 question.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: Bob Sull <wa8imo@kellnet.com>
Message-ID: <3212BB8D.13@kellnet.com>
Source record: 218931

Lester Wahl wrote:
>
> I would like to obtain information on how to unlock the
> Icom-735 to transmit on it's entire frequency spectrum.
> Has anyone performed these mod(s); or direct me to
> someone who has?
> Please reply to: torpor@fnal.gov
>
> Thanks.

Call 1-800/USA ICOM (872-4366) ask for Tech Support.

The manufacturer knows.....
--
<> Bob Sull WA8IMO <>
"73, CUL, es keep the FUN in Ham radio."
>Life Member-ARRL QCWA< >Member-NODXA NCDXF< >DXCC WAS RCC < >8P9BC<
>QSL Mgr for 8P6JG<
>WA8IMO@NO8M.#NEOH.OH.USA<
>WA8IMO@KELLNET.COM<

Bob Sull
"Take only photographs, leave only footprints."
==========
WA8IMO@KELLNET.COM

964. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <3212635E.7BAE@juno.com>
Source record: 218932

Frank Sved wrote:

> TYPICAL BURTS HAVE NO INTEGRITY, MORAL FIBRE. REMEMBER BURT, THERE ARE
> THOSE THAT KNOW AND THOSE THAT DO. A/V TEACHERS ARE FAT, UGLY, AND CAN'T
> KEEP GIRLFRIENDS.

And your facts are?

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#================#===#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#===#

965. IPS Daily Report - 14 August 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <4utnfa$rkm@flare.syd.ips.oz.au>
Source record: 218933
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 14/2330Z AUGUST 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 14 AUGUST AND FORECAST FOR 15 AUGUST - 17 AUGUST

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 69/3

GOES satellite data for 13 Aug
Daily Proton Fluence >1 MeV: 3.8E+05
Daily Proton Fluence >10 MeV: 1.7E+04
Daily Electron Fluence >2 MeV: 7.7E+05 (normal)
X-ray background: A1.0
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
15 Aug 16 Aug 17 Aug
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 15 Aug: 69/3

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Unsettled to active

Estimated Indices : A K Observed A Index 13 Aug
Learmonth 11 2223 4322
Fredericksburg 10 8
Planetary 10 6

Observed Kp for 13 Aug: 2212 2212

2B. MAGNETIC FORECAST
Date Ap Conditions
15 Aug 8 Unsettled
16 Aug 6 Unsettled
17 Aug 6 Quiet to unsettled

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band

Date Low Middle High
14 Aug Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
15 Aug Normal Normal Fair
16 Aug Normal Normal Normal
17 Aug Normal Normal Normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
14 Aug 2

Observed Australian Regional MUFs:
Darwin: 15 - 30% depressed for the period 00-08UT, otherwise
near predicted monthly values.
Townsville: Near predicted monthly values.
Sydney: Enhanced greater than 30% for the period 10 - 18UT,
otherwise near predicted monthly values.
Hobart: Near predicted monthly values, with spread F
observed during local night.

Predicted Monthly T index for August: 10

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
15 Aug 10 near predicted monthly values
16 Aug 10 near predicted monthly values
17 Aug 10 near predicted monthly values

--
IPS Radio and Space Services | email: rwc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/rwc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/rwc/
tel: +61 2 94148300 | fax: +61 2 94148331

966. Computer Hobbyist & Ham Radio Swapfest

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: whester@nyx10.cs.du.edu
Message-ID: <4uu1i9$a4e@nyx10.cs.du.edu>
Source record: 218934
Cross-posted to: nyx.forsale,nyx.misc,rec.radio.amateur.misc

Announcing the Denver Radio Club annual

Ham Radio and Computer Hobbyist Swapfest

Sunday, August 18th, from 8am to 2 pm MDT

at the Jefferson County Fairgrounds
15200 W. 6th Ave. Golden CO
(just west of the Indiana St. exit on W. 6th Ave.)

Admission is $4 which includes one raffle ticket

Raffle:
1st prize: Icom IC-2350H Dual Band mobile, or $350 cash
2nd prize: Icom IC-T7A Dual Band H.T., or $250 cash
3rd prize: MFJ 945D Tuner

extra raffle tickets at $1 ea. or 6 for $5

you need not be present to win.

swap tables are $10 in advance or $12 at the door.

for more info, call Guy Reed at 303-674-5389

Come Early to get the best prices on the goodies.

--
Bill Hester, Amateur Radio N0LAJ, Denver CO., USA
Please route replies to: whester@nyx.cs.du.edu
Public Access Unix @ University of Denver, Denver Colorado USA
(no official affiliation with the above university)

967. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <3212640C.7F16@juno.com>
Source record: 218935
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Jack wrote:

> Hey Burt, do you know what really worries me about you?
> You have the ability to poison young minds with your school
> teaching. Kids are brought up to respect teachers and not
> question them.

My students question me. They are not hams, they are ALIVE!

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#================#===#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#===#

968. DOS version of YAESU ADMS-1 programming software???

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: Daniel Velez <dvelez@infi.net>
Message-ID: <32127064.55D2@infi.net>
Source record: 218936

I'd like to use my HP200LX to program my HT...anyone know of a DOS
version of the ADMS-1 (Windows) programming software???
--
Dan

Daniel Velez | Aoooga! Aoooga!
dvelez@infi.net |
N4WZR@WD4MIZ.VA | Dive! Dive! Dive!

969. Re: FS: All Ham Bands, Reply to Republican Congress

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: Steve Sampson <ssampson@oklahoma.net>
Message-ID: <32127BB2.46D5BB6D@oklahoma.net>
Source record: 218937
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.amateur.policy

T E I X E I R A wrote:
>
> >Socialist, communist pimps... Only a moron would claim to be
> >a democrat.
> >
> >Steve
>
> With the likes of people like Nixon, Regan, Bush, Gingrich, Buchanon, Limbaugh and the
> Watergate Gang.....Do you still want to associate with the Republicans????? We sure
> have short memories. d8-)

Elephants have good memories. Like the fact Clinton was a draft
dodger and a pimp. At least Nixon got caught in only a cover-up,
Clinton got caught with the whole fucking FBI files. And that
asshole Panetta (or whatever the pimp spells it) saying Gingrich
lied when he said that the White House staff all had clearance
problems because of recent drug use. Turns out the spokesman was
the biggest pimp of them all.

Only a moron would claim to be a democrat...

970. MARS NEWSGROUP

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: Dwayne Rich <drichff@interpath.com>
Message-ID: <32129915.A77@interpath.com>
Source record: 218938

Does anyone know of any MARS related newsgroups or mailing lists?
--

NC FFII/NC EMT-Defib/NC HAZMAT Operations/ NC Basic Rescue Tech
Ham Operator KC4ADW QRP-L#336
"Strive For Perfection Settle for Excellence"

971. =ATV=COLOR VIDEO CAMERAS== for sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: Keith Riehl <kriehl@europa.com>
Message-ID: <3212ACAA.57A@europa.com>
Source record: 218939
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

==COLOR VIDEO CAMERAS== for sale

Check out these cameras, they are priced to sell, new in the box intel cameras. CHECK OUT THE WEB PAGE FOR SAMPLES

http://www.europa.com/~kriehl/camera

"""""" Cameras for sale """""""""
http://www.europa.com/~kriehl/camera

972. Re: Its OK to order pizza on 2m autopatch

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: "Bill Turner, WB4ALM" <wb4alm@gte.net>
Message-ID: <3212831E.5F5C@gte.net>
Source record: 218940

>
> How do these young pups pass the license exams if they don't read the
> rule book?
>
> Jeff KH2PZ

memorize the answers?

973. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: "Bill Turner, WB4ALM" <wb4alm@gte.net>
Message-ID: <3212825C.449@gte.net>
Source record: 218941
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

Gary Sanders wrote:
>

> Cancer isn't any fun.
>
> Sure, I know I'll get flamed, because I don't _know_ that the cancer
> was caused by the HT's, but then again, I don't _know_ that thay
> _didn't_ cause it.

Hopefully it WASN'T caused by the HT's...
...but even much more important, hopefully you recover. FULLY!
(and quickly.)

73's Bill Turner, WB4ALM

974. ==COLOR VIDEO CAMERAS== for sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: Keith Riehl <kriehl@europa.com>
Message-ID: <3212AE31.525A@europa.com>
Source record: 218942
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

==COLOR VIDEO CAMERAS== for sale

Check out these cameras, they are priced to sell, new in the box intel cameras. CHECK OUT THE WEB PAGE FOR SAMPLES

http://www.europa.com/~kriehl/camera

"""""" Cameras for sale """""""""
http://www.europa.com/~kriehl/camera

975. Re: What is 10-10 International???

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: AC6V <AC6V@ix.netcom.com>
Message-ID: <32129966.1BAC@ix.netcom.com>
Source record: 218943

K.S. Wright wrote:
>
> Hi all! I've just received my Ham ticket as a Tech+ and noticed great
> skip window on 10m from CA to UT, NM and later in the day to WA.
> Several stations were calling out 10-10 numbers. Could someone tell me
> what that's all about???
>
> TIA
>
> 73's
>
> K.S. Wright (Scott) - KF6FJS

Howdy Scott, you will find a complete rundown on 10-10 International at
URL:

http://www.lehigh.edu/lists/tenten-l/

Regards from San Diego
Rod 10-10# 18029

--
Hark for I have hurled my words to the far reaches of the earth!
What King of old could do thus??
..... AC6V

976. Re: West Coast Blackout

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: KD1YV <jimkd1yv@ix.netcom.com>
Message-ID: <321276A7.50D9@ix.netcom.com>
Source record: 218944

n7ory@primenet.com wrote:
>
> KD1YV <jimkd1yv@ix.netcom.com> wrote:

> It doesn't matter if they are an ass or an elephant. When it comes to
> money, issues like this have no party boundaries.

Agreed. Don't vote, it only encourages them :-)

> .-- . - .- -.-. .-.. ..- . .-.-.-

Wet a clue? I'd rather not! Us liberals have more self-control than that.

> Rob Neff (N7ORY)
>
> Bob Dole - Simply because any Republican is better than Clinton.

Gee, Republicans are such sore losers. I bet you thought that Nixon was a great President, and therefore must have been innocent.

Jim, KD1YV

977. Re: Its OK to order pizza on 2m autopatch

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: steve <kd6fyk@wco.com>
Message-ID: <3212C69D.73DB@wco.com>
Source record: 218945

Bill Turner, WB4ALM wrote:
>
> >
> > How do these young pups pass the license exams if they don't read the
> > rule book?
> >
> > Jeff KH2PZ
>
> memorize the answers?

that's how i did it. haha

978. Re: 6th district bureau (and all in and out burros)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: AC6V <AC6V@ix.netcom.com>
Message-ID: <32129B77.45DB@ix.netcom.com>
Source record: 218946

Richard F. DiDonna wrote:
>
> Have been out of the contesting/dx loop for a while and am wondering
> what the address for the 6th district QSL bureau is these days??
> Also, what are the fees for getting envelopes out of the bureau. I thought
> it used to be about $2.00 for 5 envelopes???
>
> Rich KI6ZH

Hi Rich, you can find complete info on the "burros" at the ARRL pages,
specifically at URLs:
INCOMING
http://www.arrl.org/qsl/qslin.html

OUTGOING
http://www.arrl.org/qsl/qslout.html

The ARRL Main Page is at URL:
http://www.arrl.org/

They have an excellent searc function to access contents.

73 from San Diego
Rod

--
Hark for I have hurled my words to the far reaches of the earth!
What King of old could do thus??
..... AC6V

979. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: steve <kd6fyk@wco.com>
Message-ID: <3212C15A.5BCF@wco.com>
Source record: 218947

Thomas J. Penton wrote:
>
> On Wed, 14 Aug 1996, Burt Fisher wrote:
>
> > Thomas J. Penton wrote:
> >
> > > Burt if hams bother you why do you post in here you dumb jerk.
> >
> > Does it make you feel better to call me names?
> > I post here to feel more interesting.
> You did not answer my question why do you bother posting in here if all you
> do is piss everybody off. i consider you a troll.
>
>
> to fill in this wasted space i want to say:
BURT IS FUNNY,and sometimes even correct.
>
>
>
>
>
>
>
>
>
>
>
> Thomas J. Penton
> afn45350@afn.org
> I am a stranger in a
> even stranger land

980. Re: Its OK to order pizza on 2m autopatch

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: steve <kd6fyk@wco.com>
Message-ID: <3212C816.64C0@wco.com>
Source record: 218948

steve wrote:
>
> Bill Turner, WB4ALM wrote:
> >
> > >
> > > How do these young pups pass the license exams if they don't read the
> > > rule book?
> > >
> > > Jeff KH2PZ
> >
> > memorize the answers?
>
> that's how i did it. haha

but wait. i'm 55 ,am i a young
pup??

981. Re: HAM License Vehicle Plates

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: morris@cogent.net
Message-ID: <morris.626.00F9CDDD@cogent.net>
Source record: 218949

In article <4utvnv$he8@news-f.iadfw.net> jdmjr@airmail.net writes:
>From: jdmjr@airmail.net
>Subject: Re: HAM License Vehicle Plates
>Date: Thu, 15 Aug 1996 00:48:56 GMT

>Curtis Wheeler <cwheeler@ccnet.com> wrote:

>>Will.A.Sheffield@tek.com (Will Sheffield) wrote:
>>>I am looking for information concerning what states allow you to have more
>>>than one vehicle registered with the same HAM call sign. If hyou have
>>>information concering this, please e-mail me. I would like to see if I cann't
>>>get the state of Oregon to go along with this plan also.

>>I am not sure if I am following exactly what you want to do.

>>If you want to have the same plate on more than one car, I would say
>>"good luck".

>>Here in California (and I imagine many other states) you can get ham
>>plates for you car without paying too much. A one time fee (lat i
>>checked it was $21) and that was it. No added annual fees such as those
>>charged to "personalized" plates.

>>Just like any other type of vehicle registration - you can't have the
>>same plate number on two cars (exception here being car dealer,
>>distributer and manufacturer plates - but they pay a lot for those
>>"special" plates). Even when personalized, plates need to be unique.

>>But if you want to, you could put "call" plates on your second car and
>>name like a packet node or something. For example "N7THL-2". But in CA
>>that second one would just be a personalized plate and would be subject
>>to all of the associated setup and recurring charges. Don't know why you
>>couldn't do that in Oregon.

>>Curtis

I am aware of a gentleman who resides in Oregon and has additional vehicles
with Idaho and South Dakota plates on them. He uses a relatives address in
Idaho, and his Oregon address for the SD plates - apparently SD does not
require you to be a resident to have their plates. Yes, the SD registration
has an Oregon address.

>We can do just that in Texas iI have three cars with the same call
>sign on them . each is two dollars extra each year.. makes for a
>little fun at plate buying time... after several years of doing this
>they all try to hide when they see me coming..

>73'S
>N5BGQ'

982. Brantford Flea Market August 17

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: jthomas@wat.hookup.net
Message-ID: <4usqv6$rpd@nic.wat.hookup.net>
Source record: 218950
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.cb,rec.radio.swap,rec.radio.scanner,alt.radio.scanner,alt.radio.pirate

BRANTFORD AMATEUR RADIO CLUB'S

FLEA MARKET

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On Highway 53 - 15 km West of Brantford

SATURDAY AUGUST 17th, 1996

From 9:00 am.....Admission $5.00
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Tailgaters Welcome.....$4.00 plus admission
Expanded: 2 buildings this year.....Acres of free parking
Major Door Prize: $700 gift certificate from Norham Radio Inc.
Talk-in on VE3TCR 147.150+

For more info and table reservations, phone or write:
Richard La Rose, VE3RLX Brantford Amateur Radio Club
153 Dunsdon St. P.O. Box 25036
Brantford, ON. N3R 6N3 Brantford, ON. N3T 6K5
519-752-2437

983. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <Dw3sIu.CoK@news.hawaii.edu>
Source record: 218951

Gerald Schmitt <kc5egg@ix.netcom.com> wrote:
>While using the University account does not explicitly infer an
>official position it can implicitly imply University support of a
>position.

I asked one of the PMs here about the validity of that statement.
His reply: "Nuts."

Jeffrey KH2PZ / KH6 50W CW
http://www.hgea.org/E911/civdef.htm

984. DCS

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: yuriy@uclink3.berkeley.edu
Message-ID: <4ur9tj$ejf@agate.berkeley.edu>
Source record: 218981

Hey, there, folks

Just bought the wonderful ft50r and found out that I don't know what most of the functions there are for.

So, could someone tell me what DCS and/or ARTS modes are? I know what the abbreviations stand for, but have no idea what they mean!

Thanks very much for your help.
--
Sincerely,

Yuri KF6FPT

985. Greene Stew

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: havana@aztec.asu.edu
Message-ID: <4urg35$2u3@news.asu.edu>
Source record: 218982

Stu? Stew? I remember pukin up something greene and
slimey just same like dog vomit and gator bile. Now
this MOE guy reminding me the same. Greene Stu
Green Stew just no diffrent that green diariaa.
Maybe diariaa and greene puke better, huh?

986. Re: DR-605T Info needed

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: Bob Sull <wa8imo@kellnet.com>
Message-ID: <32119AA0.5B48@kellnet.com>
Source record: 218983

georgehe@unix.asb.com wrote:
>
> Hi All,
> Looking for mods and info on the Alinco DR-605T.
> Do you own one ? Do you like it? Do you know the mods ?
> Any help is appreciated. I'm interested in purchasing one,
> but I'm hesitating, any advice is welcomed.
>
> 73, George

Why are you going to buy a radio that needs mods?

Or, asked another way, why are you wanting to mod a radio you are buying?

Inquiring minds want to know.....

BTW, I have the DR-610T and I am happy with it. In stock form.....
--
<> Bob Sull WA8IMO <>
"73, CUL, es keep the FUN in Ham radio."
>Life Member-ARRL QCWA< >Member-NODXA NCDXF< >DXCC WAS RCC < >8P9BC<
>QSL Mgr for 8P6JG<
>WA8IMO@NO8M.#NEOH.OH.USA<
>WA8IMO@KELLNET.COM<

987. Re: West Coast Blackout

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: bpaul@qualcomm.com
Message-ID: <4urmhk$2cb@qualcomm.com>
Source record: 218984

In article <4uqime$7v$1@mhafn.production.compuserve.com>,
Peter Coffee AC6EN <72631.113@CompuServe.COM> wrote:
>
>TORRANCE, CALIFORNIA, 12 AUGUST 1996
>
>When the lights went out on August 10, all over Los Angeles
>County, there wasn't any point in trying to phone home. Both
-snip-

I'm glad to hear things were successful in LA, but I don't feel they went so smooth in San Diego.

It seems there was very poor organization on amatuer emergency comm. here. I was only listening to the 2m band, which seems to be the band of choice for amatuer emergency services. There was a net control operator on the 146.730 Mt. Palomar repeater collecting information from different areas of town on utility status. He would call for an area, like Northern Escondido, and a station would come back with a report. Seems well enough, but he would randomly jump all around town and never cover some areas.

He seemed to cover mostly the north county of San Diego, but would occasionally drop down and ask for a report from La Mesa or El Cajon, in the southeast and eastern area, respectivly. He would leave some gaps in the transmission, so I read my call and community name (Spring Valley, in the south east), and I was instructed to stand by until he got to that area. Problem is he never got there and went into a 'standy by mode' waiting for any emergency traffic, which I did not want to interupt. He also missed several calls for net control during this time (non emergency calls, fortunatly).

Tuning around other popular 2m repeaters and simplex frequencies (including the ARES freq for my area) produced nothing except one unrelated QSO.
It seems that there also should have been some communications with local government and services, but I heard none of that.

I only critcize because I think we in SD can do much better than that. God forbid we should have a real emergency with life threatening situations, and amatuer radio has an oportunity to help out and drops the ball. Did anyone else in SD participate or monitor this as well? I am interested in your opinion either way.

Thanks for you time,
-BP

Bill Paul KF6BBL San Diego, CA bpaul@qualcomm.com
Disclaimer:

The above post is the opinion of Bill Paul, not Qualcomm Inc.
---

988. Ham Scholarships????

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: Ken <kenproffitt@ecu.campus.mci.net>
Message-ID: <01bb8998$3aaa6360$2fd29bce@kenproffitt.ecu>
Source record: 218985

Fellow hams, I am working on my undergraduate degree and looking for scholarships, grants, and patronage from the Ham community. If you know of any that I may apply for, please let me know. Does your radio club offer a scholarship? Thanks for your help.

73's de KE4RQF

989. Re: Making morse midis

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: vickir@pacific.net.sg
Message-ID: <32115b0a.85190192@news.pacific.net.sg>
Source record: 218986

On 13 Aug 1996 01:41:16 GMT, angus@hamgate.concordia.ca (Angus March (VE2UFP)) wrote:

>accompaniments.
> Are their any applications out there that:
> -allow for PC keyboard input
> -can play a variety of sound (or one sound that is
> completely monotonic, with a ~800Hz(?) sound)
> -AND runs under Win95, or Dos95, for that matter.

Yea...got 2 great programs....but can U recieve Email in MIME format ?
U want to link on IRC for tranfer ?
Email for fast reply.
Homepage http://home.pacific.net.sg/~vickir/

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990. WTB: Miracle Baby antenna

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: taucom@kaiwan.com
Message-ID: <4urrgs$dhc@kaiwan.kaiwan.com>
Source record: 218987

WANTED: Used Miracle Baby short ducky antenna...

Thanx for any leads,
Manny

****
Manny Tau, Psy.D.
taucom@kaiwan.com
****

991. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: Gary Sanders <gsanders@midwest.net>
Message-ID: <32117217.7D93@midwest.net>
Source record: 218988
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

Jake Brodsky wrote:
>
> I'm just curious Gary, did you use a speaker mike all the time? And
> did you transmit with the radio on your belt?
> --Yes, I used a speaker mike with both radios, and transmitted with the radios on my belt. Usually, the radio was sitting either at the small of my back or pretty far back on my right hip (due to other junk that I had to carry on my belt at the same time!).

Gary

992. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <3211A476.4A@juno.com>
Source record: 218989

Gerald Schmitt wrote:
>
> Mr Fisher et al,
>
> There is a bit more to the story than Mr Greenhalgh cares to tell. He
> was citing "Medical Facts" the veracity of which were in question. He
> was challenged to provide a disclaimer when making these assertions.

Are you saying your contact with his employer was not an effort to
affect his employment?

> As to you Mr. Fisher. I take issue with your comments about hams and
> people of German extraction because I am both. Once in a while the urge
> to jerk your chain overcomes me. I am aware you have the good sense to
> have your own personal internet accounts and do your posting from
> there. Obviously your employer has no vested interest in what you say
> so contacting them would be quite wrong. One of my mentors had a series
> of numbers tatooed on his forearm. I suspect he had a great deal more
> personal stock in the German issue you are always raising than you do.
> Yet he did not refuse to talk to me or teach me. In fact he regularly
> spoke German with my father. I think you could have learned a lot from
> this gentleman. He took the Torah rather more seriously than you seem
> too.

I used to post my employers name in my tag but after several
users here contacted my emmployer I removed that reference. I never
post from work nor do I use the ONE account given by my employer to
post.
I have no agrument with what you say above. Your mentor sounds like a
better man than I, by far.

#===============#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#===============#===#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#===#

993. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <3211A4E8.6724@juno.com>
Source record: 218990

Christopher K. Greenhalgh wrote:

> Yes. In an attemp to claim I was representing the university with my sig line.
> The ACS department took one look at my sig, and his first words were, "Thats
> it!?". We all ended up laughing at Gerry's attempt, but now his latest stunt is to sue me! (LOL)

Sue you for what?

```
#===============#=========================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | Mr. Happy should not be happy all the time. |
#===============#=========================================================#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#=========================================================================#
```

994. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <3211A543.367B@juno.com>
Source record: 218991

Thomas J. Penton wrote:

> Burt if hams bother you why do you post in here you dumb jerk.

Does it make you feel better to call me names?
I post here to feel more interesting.

```
#================#=======================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | Mr. Happy should not be happy all the time. |
#================#=======================================================#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#=========================================================================#
```

995. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <3211A6F2.1372@juno.com>
Source record: 218992

adamkern wrote:
> I had a friend over and showed him this
> newsgroup, and I was embarrassed at what I found during the
> demonstration.

You knew what you were going to show him so you must like being
embarrassed.

> I happened to read your "challenge" to hams for meeting over the air. I
> thought about responding, but then I realized that it would be stupid to
> jeopardize a license that I have worked so hard for. I would be almost
> as sick as you to waste something like my callsign on you. I believe
> that many other people here feel the same way.

How in God's name could you jeopardize your license? Were you thinking
of being grossly profane? I think you just are a TYPICAL ham wimp.
I would not name call on the air nor would I use low class attacks.
I would debate you with intelligence and most hams would fall apart.
Hams are typically lacking in courage.

> You have an appalling lack manners. My grandfather tells me stories
> about people like you. Quite frankly, I think that you outperform
> several individuals at my school in rudeness.

What stories?

> It's not a good thing when a teenager like me
> feels 30 years older than someone like you.

If you are a typical ham feeling 50 years old allows you to
fit right in. Get a girlfriend.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#================#===#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#===#

996. HTX202 mod fix,heres all of it

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: richard <n6uzs@juno.com>
Message-ID: <3211A111.BFB@juno.com>
Source record: 218993

Ok folks heres the mod for the ER2 error message on the 202. I had
posted a few days back and couldn't get the info until Sunday.

The ER2 message is displayed when there is a current ripple coming off
a battery such as a BP8 on keydown. The ripple is strong enough to
cause the CPU to reset therefore "ER2" on the display.

To filter out this ripple perform the following mod:
Place a .01 microfarad capacitor between the positive and negative leads
where they connect into the main PC board. These leads come off the
bottom battery plate and head for the PCB. Each leg of the cap will
bridge both wires and filter any ripple. The type of cap to be used
as indicated by my friend is a ceramic disk cap.

PLEASE NOTE THE FOLLOWING DISCLAIMER:
This mod came from a technician at the Tandy Repair Center located in
Santa Fe Springs, California. My friend Jeff had this ER2 problem for
a long time before describing it to a technician at the Repair Center
in "person". The tech then came up with this cap fix for the radio.

This is the reason nobody at Radio Shack seems to know how to fix this.
I asked my friend why nobody else knows this bit of info outside
of the Repair Depot. His answer was a confused "I dont know!".

You'd think that technician would like put this info in some kind of
repair bulletin and spread it around. Then again maybe he needs the
repair work REALLY bad here. ;)

That's why I encourage everyone to spend the 40 bucks on thier TSP
deal for nice 5 year warranty package for repairs free of charge.
My friend has taken both of his 202's in at least 4-5 times already
but he only lives 30 minutes away.

Hope this helps all those 202 owners out there. Please post to the NG
here in regards to any results you come up with after the cap mod.

Good luck,
Richard N6UZS.
n6uzs@juno.com

997. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: cgreenha@magnus.acs.ohio-state.edu
Message-ID: <cgreenha.583.3211BBEE@magnus.acs.ohio-state.edu>
Source record: 218994

In article <4uql3l$sg9@dfw-ixnews10.ix.netcom.com> kc5egg@ix.netcom.com (Gerald Schmitt) writes:

>>He contacted your employer?
>>What a lowlife.

>Mr Fisher et al,

>There is a bit more to the story than Mr Greenhalgh cares to tell. He
>was citing "Medical Facts" the veracity of which were in question.

The "facts" Gerry is refering to, were in question only to him.

>He
>was challenged to provide a disclaimer when making these assertions.

A blatent lie.

>While using the University account does not explicitly infer an
>official position it can implicitly imply University support of a
>position.

Only a child or challenged person would see things this way (see my sig at the bottom).

>Since several physicians took issue with Mr. Greenhalgh's
>"Medical Facts" I suggested he disclaim.

The only alledged physicians the took issue with my post(s), agreed with me. Again, I believe this to be a blatent lie.

>He refused and invited me to
>contact the University if I wished. Based upon the response I believe
>that several people contacted the University.

Nobody but Gerry contacted OSU...and his claims were promptly laughed off this campus.

>If it was not such a
>serious matter no one would have ever contacted them.

Well I still have the same sig, dont I?

>I don't want to
>reopen this thread but thought you ought to know the rest of the story.
>No doubt this will be challenged but it is how I see things.

Gerry most recently has threaten to sue The Ohio State University, because ...now get this...I asked him to go to alt.flame! I think this clearly sums up

Gerry's character...enough said.

Take care all.

Christopher K. Greenhalgh, N8WCT
Computer/Electronic Tech. II at The Ohio State University
E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

998. Digest of Articles - QST Jun 96 (Long - 44k)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: wvanho@infinet.com
Message-ID: <4usfon$9dc@news1.infinet.com>
Source record: 218995
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

Following are digests of articles printed in the June, 1996 issue of QST. Such digests are being prepared for each issue of QST, and posted periodically. They are archived, beginning with the January, 1993 issue, and available by ftp from:

(in USA) oak.oakland.edu/pub3/hamradio/arrl/infoserv/digests
(in Europe) ftp.funet.fi/pub/ham/arrl/infoserv/digests

They also can be gotten by E-Mail from the ARRL Info Server at: info@arrl.org. For detailed instructions, send an E-Mail message containing the following:

HELP
SEND INDEX
QUIT

Another access route is via the ARRL HIRAM bulletin board. It can be accessed by a direct telephone call at any speed from 1200- to 28,800-baud. The number is: (860) 594-0306.

The major value of digests is to give readers sufficient information to decide whether to obtain a copy of the full text. If any U.S. reader wants a copy of an article in QST, please inquire of other hams in your own neighborhood. Many have collections of back issues. Anyone who is unsuccessful in finding a fellow ham with a collection should try every library in the area, especially those at universities and technical colleges. If all else fails, a copy can be obtained from the ARRL Technical Department, 225 Main St., Newington, CT 06111-1494 USA for a fee of $3.00 per copy for ARRL members; $5.00 for non-members. Remember, it is both cheaper and quicker to obtain one locally.

Readers in most other countries can obtain copies from their own national ham organizations, sometimes translated into their own languages.

------------------------------CUT HERE--------------------------------
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TECHNICAL ARTICLES (TA)

Title>TA1:The Radio Sky
Author>Emerson, Darrel - AA7FV, G3SYS
Source>QST Jun 96, pp. 32-35
Abstract>Many types of astronomical objects, such as stars, clouds of dust and/or gas, and galaxies, emit radio noise. Radio astronomers study these signals to learn more about the cosmos.

Digest>For more than 60 years, it has been known that radio noise is coming from the sky and is stronger from some directions than from others. For over 40 of those years, noise has been known to emanate from stars and many other celestial objects, from clouds of hydrogen atoms to galaxies. The study of such emissions is radio astronomy.

Cosmic noise can affect amateurs in that it adds to all the other sources of noise and degrades the signal-to-noise ratio during reception. This article illustrates the radio sky by means of a "false color" photo and contour charts showing how the noise is distributed over the entire sky. (False color means areas of the sky are shaded in various colors that represent noise amplitudes.)

It further describes the units that are used in measuring the noise level and how the values are affected by the beam width of the antenna in use, by the bandwidth of the receiver, and the frequency at which the observation is being made. The most common way of denoting noise amplitude is in degrees of "antenna temperature", representing the temperature of a resistor that would generate the same noise amplitude as that actually observed.

Title>TA2:Transfer Relays - Overlooked Bargains
Author>Ford, Jim - N6JF
Source>QST Jun 96, pp. 36-37
Abstract>Transfer relays, designed for switching VHF/UHF power, are very useful for amateurs. They are often available in hamfest flea markets at low prices. This shows how they can be used.

Digest>Transfer relays are devices that are often available from military surplus and found for low prices at hamfest flea markets. Although they are made in various configurations, usually they are cylindrical and on one end there are four N-connectors mounted in a square pattern. They are used for switching coaxial cable connections and are usually designed for VHF/UHF operation.

Internally, each contains two sets of contactor blades. If one identifies the four coax connectors as A, B, C, and D, actuating one set of blades connects A to B and C to D; the other set connects A to C and B to D.

The article illustrates a number of common applications for which transfer relays are ideal. They involve switching a power amplifier into and out of the circuit between a transceiver and an antenna; switching either of two transceivers to either of two antennas; and switching a pre-amplifier into and out of the front end of a receiver.

Title>TA3:Electrical Safety
Author>VanProoyen, L. - K8KWD
Source>QST Jun 96, pp. 38-40
Abstract>Low-voltage, high current sources can also be dangerous. Contains hints for working around automotive electrical circuits.

Digest>Much has been said and written about protecting one from death or severe injury from high voltage. This article describes the very real danger of injury from working around low voltage, such as 12-volt automotive systems. Among the advisories given:

1. Remove all jewelry before working on low voltage - high current sources. If a ring should get shorted across a car battery, for example, the heat could literally burn off a finger.

2. Always remove the battery ground lead before working on the system.

3. Always use a fuse, as close to the battery as possible.

4. Properly size the fuse for the wire(s) it must protect.

5. Properly size the wire for the current it must carry.

6. Secure all wires and always use grommets where wires pass through bulkheads.

7. Route cables with care near the engine or moving parts.

8. Never work alone. Some other person should be available to help, or to call for help, in case an accident occurs.

Rules for working on circuits of any voltage, high or low:

1. Never work while tired, or otherwise impaired.

2. Make sure a circuit is dead before working on it.

3. Do not trust interlocks to remove voltage. Test the circuit, and install your own ground jumpers. Never defeat interlocks.

4. Always short large capacitors to ground before beginning.

5. Periodically check permanently installed grounds.

Title>TA4:SMALL - A Surface-Mount Amplifier that's Little and LOUD!
Author>Ulbing, Sam - N4UAU
Source>QST Jun 96, pp. 41-42, 68
Abstract>Describes a very simple audio amplifier built from surface-mount components. Useful for boosting the audio output of an H-T transceiver for use in noisy environments.

Digest>A major purpose of this project is to gain experience in building equipment using surface-mount (SM) components. The device is an audio

amplifier that produces as much as 2-watts output, although the whole circuit, including a voltage regulator chip, is on a PC-board no more than 2- or 3-square-inches in size. The author uses it when operating his 2-meter HT in his car. The 2-watt output provides ample loudspeaker volume to override car noises.

The entire circuit is comprised of an LM-4861M amplifier chip, three resistors, two capacitors and the regulator components. Mr. Ulbing gives several helpful hints for working with tiny SM parts. He recommends tweezers to handle them, and a tiny soldering iron. He found the ideal tip for his Weller 25-watt iron to be one with a 1/32-inch-wide chisel tip. He used solder designed specifically for this use: Radio Shack's 0.022-inch diameter silver solder, Stock No. 64-013. One should also have a heat-insulated stick of some sort to hold the components down during soldering, since they are so tiny that the surface tension of the solder tends to make them stick to the iron!

The power output is sufficiently large that it requires a larger speaker than the typical 2-inch diameter types in H-Ts. He uses a speaker rated at 5-watts, maximum, which performs admirably.

PRODUCT REVIEW (PR)
Conductor: Rick Lindquist - KX4V
Asst. Technical Editor

Title>PR1:Ten-Tec T-Kit 1208 6-Meter Transverter
Author>Bliss, Norm - WA1CCQ
Source>QST Jun 96, pp. 62-64
Abstract>Review of an inexpensive, high-quality transverter that will allow any ham with an HF transceiver to operate on 6-Meters.

Digest>The 6-Meter band is underused in most areas, even though it has very attractive characteristics. It is the only VHF band that sometimes has F2 openings to DX countries. The fact that some popular HF transceivers now on the market provide 6-meter operation means that band occupation will certainly increase.

For amateurs who do not want to invest in new transceivers just to try the band, by far the least expensive way to do it is to build a 2-way transverter to use with their existing rigs. This review describes the Ten-Tec kit-built unit that sells for less than $100, complete.

In operation, the transverter uses a 36-MHz. crystal oscillator to convert 20-meter output from the transceiver to the 6-meter band, and the 6-meter received signals from the antenna to the 20-meter band. A solid-state r.f. sensing circuit performs the transmit/receive switching.

The maximum transverter power output is about 8-watts; that small amount of power is adequate to take practically full advantage of the band, especially since high-gain antennas are quite compact on 6-meters.

Using the transverter in transmit requires the excitation to be no more than 5-watts. Most modern transceivers can be adjusted to that level by front-panel control. If one's transceiver cannot be adjusted to that low an output, it should be relatively easy to design and build a circuit to attenuate the output to that level.

The 14-MHz. drive power is prevented from passing through the transverter to the antenna by the internal design which, Ten-Tec claims, attenuates it by 75-dB., or more. Used as a receiver, the conversion gain was measured as 17.9-dB. by the ARRL Labs. The noise figure measured 7.3-dB.

The reviewer found construction of the kit to be straightforward, so long as one carefully follows the directions contained in the excellent instruction manual provided. The only tools required are those in the typical amateur's toolboxes, including a 25-watt soldering iron. For adjustment, the bare minimum test equipment required is an accurate RF wattmeter on the source of drive power, and a VOM with a DC current range up to 1-amp. A frequency counter, 50-MHz. signal source, and a dummy load are optional, but would make the job easier.

Title>PR2:Radio Shack 22-168A Digital Multimeter
Author>Gruber, Mike - WA1SVF
Source>QST Jun 96, pp. 64-66
Abstract>Describes a digital meter which provides, in addition to normal VOM functions, four others: capacitance, frequency, and hFE (transistor) measurements, plus computer-interface for plotting graphs.

Digest>This review describes a shirt-pocket size digital multimeter. It performs the functions expected in a general-purpose VOM, plus four extras. First is capacitance measurement ranging in six steps from 0-1 nanofarad to 0-100 microfarads. Next is a frequency counter ranging from 1-Hz. to 19.5-MHz., by decades. Third, the unit comes with software and a provision to attach the meter to a personal computer which will log measurements and also plot graphs from the accumulated data. The fourth is a scale for measuring the hFE of transistors. (Note that this is not useful for testing FETs).

The interface causes the computer to log and plot the meter's measurements on a graph, similar to the display on an oscilloscope except that the sweep can take from seconds or minutes, to days. Maximum sample rate is about one per second.

The accuracy of the meter was tested by the ARRL Lab and found to be accurate to 0.1-percent of full scale, on almost all scales. But the manual that accompanies the meter was found to be barely adequate. The reviewer suggests that a user might also want to buy a Radio Shack book: USING YOUR METER, that gives much more comprehensive instructions. However, not even that book describes the PC interface. The software contains a file of instructions that can be read, or printed, by the computer.

The price of the meter is $129.99; the operations manual comes with it. A service manual is available for $7.20; USING YOUR METER sells for $5.99.

Title>PR3:RF Applications Inc P-1500 Digital RF Power/VSWR Indicator
Author>Lindquist, Rick - KX4V
Source>QST Jun 96, pp. 66-67
Abstract>Operation review of a digital HF power and SWR meter. It is auto-ranging and useful for both high- and low-power use.

Digest>This article reviews an HF power and SWR instrument. It is digital and autoranging, over a minimum of about 1-watt to full legal power. The instrument is remarkably tiny, slightly smaller than a 4-inch cube. It has only one control on the front panel: a mode switch. Pressing the switch sequences the instrument from Forward power, to VSWR, to Reflected power, and to True power.

In the middle of the front panel is a four-digit LCD indicator that displays the value. The overall accuracy is approximately the same as that of the familiar Bird analog wattmeters.

Full-scale span of the instrument is automatically switched over three ranges: 0-120, 0-750, and 0-1500 watts. As opposed to analog meters, the digital meter registers peak power, an advantage to SSB operators.

Operating power requirements are 12- to 16-volts DC at 200-milliamps, from an external source. The manufacturer's list price for the P-1500 is $219.95. A suitable power supply is $16.95.

Title>PR4:Azden HS-03 Headset
Author>Swanson, Glen - KB1GW
Source>QST Jun 96, pp. 67-68
Abstract>Description of a combined headphone and microphone assembly allowing hands-off radio operation.

Digest>The word "headset" means a combination of headphones with an attached microphone. The HS-03 is designed specifically for amateur use in situations like contests in which both hands must be kept continuously on the logging-computer keyboard.

The headband and attached phones are padded and adjustable for optimum comfort. The microphone is supported by an adjustable boom that pivots on one earphone. The dynamic mike element supplied in the HS-03 provides a frequency response from 300- to 4000-Hz., with a 6-dB. rise at 2500-Hz.

The manufacturer's list price for the headset is $69.95. An optional push-to-talk accessory box with a toggle pushbutton (push for on, push again for off) is available for $40. It also contains a preamplifier with a slide switch to select either a flat frequency response (for "Local" use), or a high-frequency boost (for "DX") use. A similar accessory that also provides VOX is available for $50.

TECHNICAL CORRESPONDENCE (TC)
Conductor: Paul Pagel - N1FB
Assoc. Technical Editor

Title>TC1:A Poor Man's DVR
Author>Markey, Rick - KN3C
Source>QST Jun 96, pp. 71-72
Abstract>How to adapt a computer with a sound board, and associated software, for use as a digital voice recorder. Allows playback through a speaker, and also through a transceiver.

Digest>KN3C operates a Kenwood TS-850 transceiver. He wanted the facility to record portions of the received audio during QSOs and, in some cases, to be able to play back some of the recording to give the originator an "ultimate signal report". To make this possible, he installed a Sound Blaster 2.0 into his computer, and used the accompanying software, called "Creative WaveStudio".

His letter gives full details of how the receiver audio output was fed to the Sound Blaster board. The output from the board was connected to both an accessory speaker and also, through an audio coupling transformer and attenuator, to the transceiver for retransmission. No doubt, with similar arrangements, it would be possible to accomplish the same results with other computer boards and transceivers.

Mr. Markey reports that the system is easy to use. Before starting a QSO, he puts the WaveStudio software into the "Record" mode, ready to begin recording any time he presses the "Start" button. After making the recording, he usually reviews it through the speaker before playing it back.

Title>TC2:Copper-Wire Shunt Precautions
Author>Bloom, Alan - N1AL
Source>QST Jun 96, p. 72
Abstract>Copper wire shunts have a high temperature coefficient of resistance. It may cause measurement errors if the operator is not careful.

Digest>This letter is a supplement to the article by K8TM in QST Jan 96: "How to Measure Large Direct Currents with Common Meters". The original article recommended the use of copper wire of different diameters for meter shunts. This letter points out that, while the wire makes very effective shunts, copper has a high temperature coefficient of resistance: 0.39-percent per degree C.

The meter shunts are usually in heavy current applications, so the shunt, itself, will dissipate power and its temperature will rise. This is in addition to a likely rise in ambient temperature if heavy current apparatus is used in the vicinity. A rise of temperature from 18- to

35-degrees C. (64- to 95-degrees F.) will change the resistance by 6.8-percent. Much higher temperature rises may be encountered in other circumstances, causing errors in meter calibration of as much as 25-percent. Users should be forewarned!

LAB NOTES (LN)
Prepared by: ARRL Laboratory Staff

Title>LN1:Troubleshooting Electrical Noise
Author>Hare, Ed - KA1CV
Source>QST Jun 96, pp. 73-74
Abstract>Contains hints for finding, and eliminating, radio noise emanating from electrical equipment and/or power lines.

Digest>In this article, written in a question and answer format, the author gives a number of hints for searching out and correcting receiver noise that emanates from electrical appliances, or other sources connected to commercial power lines. All kinds of electrical apparatus produce electrical noise in some circumstances.

The best place to begin is within the user's own household. The most effective tool for finding noise sources is a battery-operated AM broadcast receiver. Tune it to a clear frequency and put it in a location where the noise is loud, then turn off power circuits, one at a time, to find the one that causes the interference to stop. After isolating the noise to one circuit, it should be easy to find the source.

If it is found that the noise does not originate within the building, it will be necessary to search the neighborhood. For that use, an AM portable radio with HF and VHF bands is most useful. It can frequently be used as a direction finder, of sorts, to track noise sources. Often the noise will be loudest near where the power lines enter a house or building, indicating that the source is probably inside that building.

In many cases, the noise will follow the power lines. In that event, the best source of help is the power company. Most electric utility companies have technicians whose job is to find and correct problems of radio noise. Find out who that person is and request their help.

HINTS AND KINKS (HK)
Conductor: Bob Schetgen - KU7G
Asst. Technical Editor

Title>HK1:Step Start for the Heath SB-1000 Linear Amplifier
Author>Branca, Mike - W3IRZ
Source>QST Jun 96, p. 69
Abstract>A simple circuit that introduces a short warm-up time delay in an amplifier.

Digest>W3IRZ has a Heath SB-1000 linear amplifier and became concerned at the stress put on the filament of the power tube and the power supply components from the inrush current that occurs when the main power switch is first turned on. To provide a one- or two-second delay time for the full voltage to build up, he developed a very simple circuit.

The circuit places a resistor in series with the a.c. power line between the main switch and one side of the transformer primary. The operating coil of an a.c. relay is wired in parallel with the primary, and the contacts of the relay short out the dropping resistor.

When the switch is first closed, the load on the transformer is very high, since the filter capacitors are totally discharged and the tube filament is cold. The relatively heavy inrush current causes a substantial voltage drop through the resistor, allowing the transformer voltage to rise only part way. As the filament warms up and the capacitors charge, the inrush current falls and the voltage across the primary climbs. When it gets high enough to actuate the relay coil, the dropping resistor is shorted out and full power is applied to the amplifier.

The dropping resistor and relay were built on a small piece of aluminum that was mounted inside the SB-1000 cabinet. A wiring diagram, components list, and a photograph of the final installation are included.

Title>HK2:Tips for the Yaesu FT-1000D
Author>Williams, Barry - KD5VC
Source>QST Jun 96, pp. 69-70
Abstract>Improve CW operation with a narrow 3d IF filter; use two antennas for dual-diversity reception; and add a hi-fi audio system to enhance operation of the FT-1000D.

Digest>KD5VC offers three additions or modifications to the already fine Yaesu FT-1000D transceiver. The first involves the switching arrangements for selecting different IF filters. As built, the transceiver offers a variety of bandwidths in the crystal filters in the second IF, but only two ceramic filters (a wide AM and a 4-KHz. SSB filter) in the third IF. A great improvement in CW operation can be had with the addition of a 250-Hz. third-IF filter. This hint provides instructions for arranging the switching network so that the narrowest filter in the second IF will automatically be selected when the narrowest third-IF filter is called for.

The next hint takes advantage of the fact that the FT-1000D contains two complete receivers. The author recommends that a separate antenna switch be added and that two antennas be connected to the respective channels, one vertically and the other horizontally polarized. Known as "dual diversity" reception, this arrangement will often make dramatic improvement during conditions of deep fading.

His third recommendation concerns the use of an external stereo audio amplifier to increase the enjoyment of the transceiver.

Title>HK3:More on Magnetic Stainless Steel?
Author>Trout, Stanley R. - WB2SHR
Source>QST Jun 96, p. 70
Abstract>Not all stainless steel is non-magnetic. The 300-series grades generally are, but the 400-series grades are not.

Digest>In QST Mar 94, N1EDM noted that "magnets do not attract stainless steel". This author correctly points out that two general classes of stainless steel are in common use: the 300 series and the 400 series. The former grades are generally non-magnetic, but the latter are usually ferromagnetic (magnets attract them). However, he mistakenly states that the 300 series (most common grades: 303, 304, or 312) contain a good deal of chromium, whereas the 400 series (430 is most common) is high in nickel content. The exact opposite is the case; the 300 series is high in nickel (and also contains chromium); the 400 series contains chromium, but little or no nickel.

Title>HK4:A Space-Saving 2-Meter Antenna
Author>Shapiro, Gary - WD8DOT
Source>QST Jun 96, p. 70
Abstract>Describes a convenient and unobtrusive 2-Meter antenna that is usable almost anywhere. It is simply a half-wave mobile glass-mount antenna attached to an outside window.

AMATEUR SATELLITES (AS)
Conductor: Steve Ford - WB8IMY
Managing Editor

Title>AS1:The Death of OSCAR 13
Author>Ford, Steve - WB8IMY
Source>QST Jun 96, p. 81
Abstract>OSCAR 13's orbit is decaying. It will burn up in the atmosphere in December, 1996.

Digest>Nearly all hams, even those who do not operate via satellites, have known that OSCAR 13 has been in orbit for some eight years and has made DX contacts spanning nearly a whole hemisphere easy. The key to its success has been the highly elliptical orbit that takes it some 35,000-kilometers (more than 20,000-miles) above the earth at high north latitudes.

Now that orbit is decaying. The interaction of the gravity from the earth, sun, and moon has caused the perigee (the point on the orbit closest to the earth) to fall lower and lower. In a few more months, it will begin to touch the edge of the atmosphere. When that happens, each pass will incur enough air friction to slow its speed slightly. That

will mark the beginning of the end, because each subsequent orbit will make the orbit decay that much more quickly.

As the perigee falls slowly, the apogee (the point where the orbit is farthest from the earth) is falling much more rapidly, making the orbit less elliptical. It will finally become nearly a circle before the "bird" falls to its death.

By some time in November, each pass through perigee will encounter so much air friction that OSCAR 13 will heat up appreciably. About that time, the electronics it contains will fail. It will continue in lower and lower orbits for a few more weeks until, some time between December 5 and 12, it will burn up in the atmosphere at a place somewhere on the night side of the earth, near 50-degrees north latitude.

FEEDBACK (FB)

Title>FB1:"Explore Ham Radio's Software Bonanza", QST May 96
Author>Kleinschmidt, Kirk - NT0Z
Source>QST Jun 96, p. 68
Abstract>Corrects the identification of the publisher of SKYCOM PRO. The program is now renamed: PROLAB PRO.

Digest>In the subject article, SKYCOM PRO propagation software was reviewed and the publisher was mistakenly cited as Fuentez Systems Concepts. The program is actually offered by Solar Terrestrial Dispatch, Box 357, Stirling, AB T0K 2E0, Canada. It has been renamed: PROLAB PRO.

Fuentez Systems Concepts offers a different propagation program called SKYCOM 2.0. Their postal address is: 11781 Lee Jackson Hwy, Fairfax, VA 22033.

NEW HAM COMPANION (NHC)

Title>NHC1:The Doctor is IN
Author>Various
Source>QST Jun 96, pp. 51-52
Abstract>Questions and answers on subjects of primary interest to newcomers to amateur radio.

Digest>Questions discussed in this issue include: proper use of 12-volt deep-cycle batteries; the proper length for ground-plane radials; how to use a microwave oven to test insulator efficiency; the advantages of quarter-wave over half-wave vertical antennas; Q signals; and other subjects.

Title>NHC2:A Simple LED SWR/Power Meter
Author>Rideout, Art - WA6IPD
Source>QST Jun 96, pp. 53-54
Abstract>Describes an easily-built substitute for the analog meter movement in an RF Power/SWR meter. Provides indication of peak power, not just average power.

Digest>When one is operating SSB, power/SWR meters using analog meter movements register a kind of average power, not peak. The peaks in human voice communication are instantaneous, and no moving-coil meter can keep up. An effective alternative that really shows the peaks uses ten LED indicators in a row, driven by an LM3914 bar-display driver chip. WA6IPD shows an easy way to build such a unit that can be used to substitute for the analog meter movement in the bridge circuit that all such meters use.

The article provides a complete schematic diagram and parts list, in addition to photos of two different versions that he has built. An etched and drilled PC-board for this project is available from FAR Circuits, 18N640 Field Ct., Dundee, IL 60118-9269 for $5.25, including domestic shipping.

Title>NHC3:Accessing the FCC Amateur Data Base on the Internet
Author>Baran, Fuat - N2YGN
Source>QST Jun 96, pp. 55-56
Abstract>"Callbook"-type data is now available, on-line, always up-to-date.

Digest>The Federal Communications Commission database containing all amateur licenses is now available on the Internet in convenient form. The FCC, itself, makes the entire database available online, but does not provide a conventional database search facility. Certain universities and radio clubs have set up their own databases which they update frequently from the official source and make available in a form easy to use. One is the University of Arkansas at Little Rock. It can be accessed by Telnet to Port 2000 on callsign.ualr.edu, or by Web Browser to http://www.ualr.edu/doc-hamualr/callsign.html. Another is the Columbia University Amateur Radio Club's Web page at http://www.columbia.edu/~fuat/cuarc/.

Some clubs monitor new licenses issued in their areas and contact the recipients by phone or mail to acquaint them of local activities and invite them to participate.

Title>NHC4:The Mailbox Matching Box
Author>Holsopple, Curtis - K9CH
Source>QST Jun 96, pp. 57-59
Abstract>Describes the construction of a versatile antenna tuner in a common rural mailbox.

Digest>K9CH has built an L-network antenna tuner in a common rural mailbox with the two adjusting knobs, for capacitance and inductance adjustments, coming through the fixed end of the box. He painted the box white, making a neat-appearing, versatile tuner that he uses in temporary Field Day operations, as well as at his home station.

The main body of the article is a general discussion of antenna tuners, with descriptions of the types of variable inductors used and sources where they may be obtained.

Title>NHC5:The Writing Game
Author>Ford, Steve - WB8IMY
Source>QST Jun 96, pp. 60-61
Abstract>An invitation from QST's managing editor to submit articles for publication. Includes advice for preparation of acceptable manuscripts.

Digest>Mr. Ford, QST's managing editor, issues an invitation to any interested person to submit articles for possible publication in the magazine. He goes on to offer advice concerning what the editors are looking for and procedures that aspiring authors should use to maximize their chances of acceptance.

Among the points he makes are that QST prefers to receive submissions of text on floppy disks, but photographs and drawings on paper. The editors are flexible about mistakes in spelling and grammar, and will correct a few, but those factors still count. Anyone who has a spelling checker with their word processor should use it!

Writing styles should be informal, not stuffy. He recommends that any would-be writer become familiar with: THE ELEMENTS OF STYLE, by Strunk and White, available in any public library. Also, they should obtain free copies of the QST Author's Guide. The full text can be downloaded from the ARRL InfoServer, or will be mailed to anyone who sends a request, along with a stamped and self-addressed envelope, to ARRL Headquarters.

If a person has an idea for an article and would like to know whether QST would be interested in it, before the author puts forth the effort of writing it, the editors are always willing to consider such a request and will give a prompt, frank answer.

GENERAL INTEREST ARTICLES (GI)

Title>GI1:North Country Island-Hopping
Author>Reisenauer, Jr., John - NL7TB
Source>QST Jun 96, pp. 28-29
Abstract>A "DXpedition" to Alaskan islands.

Digest>In July, 1995, the author and two other hams made "DXpeditions" to two islands in Alaska. They were Fox Island and Douglas Island. Fox Island was designated AK-94S in the Amateur Radio "US Islands" (USI)

program, and also NA-197 in the "Islands on the Air" (IOTA) program.

Even though the activities were conducted in mid-summer, the weather was cold and stormy. Getting to, and setting up equipment on, both islands was difficult, uncomfortable, and even dangerous.

From Fox Island, they made more than 1100 contacts with 60 countries, all on 20-meters. Two-thirds of the contacts were outside of North America. From Douglas Island, they made 500 additional contacts.

Title>GI2:Cranberries Dragged Me into Ham Radio
Author>King, Frank - AA7XA
Source>QST Jun 96, pp. 43-44
Abstract>A newspaper reporter learns about ham radio while interviewing cranberry farmers.

Digest>The author of this piece is a journalist who wrote a newspaper article about a small cranberry-growing operation in Oregon. The growers were Sam and Carol Dorning, KA7EAT and N7HEH. While interviewing them, he noticed their radio antennas and station, and became interested in ham radio.

On their recommandation, he joined a radio class run by the late Bill Eidenschink, W7IHO, at Oregon Coast Community College, passed the license exam, and became AA7XA. This article describes the sequence of events and the pleasure he has since received from ham radio.

Title>GI3:Low-Power Transceiver Kits You Can Build
Author>Lindquist, Rick - KX4V
Source>QST Jun 96, pp. 45-50
Abstract>Product reviews of seven different CW transceiver kits.

Digest>This article is actually a product review of seven different CW QRP transceivers that are built from kits. Five different reviewers built one or two of the seven and have written summary reviews of them.

G-QRP Club GQ40
The GQ40 is offered by GW8ELR in Wales. It is for a single band, either 20- or 40-meters. It has a superhet receiver, 6-pole crystal filter, and a vernier dial in a cabinet about 3- x 6- x 7-inches. Power output is 7-watts, maximum, with full break-in operation.

The finished item is a "hot" receiver, with excellent selectivity and ample audio output for a speaker. The purchase price for the 40-meter kit is $156, the 20-meter one $165, including shipping in USA. It is distributed by Kanga US, 3521 Spring Lake Drive, Findlay, OH 45840.

Gary Breed Transceiver
This unit is a single-band transceiver, approximately 3- x 6- x 8-inches, with VFO control and 5-watts maximum output. It provides a single-signal superhet receiver with AGC, filters in both IF and audio,

semi-break-in with relay T/R switching, sidetone, S-meter, and built-in speaker. The IF filter is a 4-pole crystal circuit which, combined with the audio filter, provides excellent selectivity.

The unit is built around a Motorola MC3362 VLSI chip. It can be built for any amateur band from 80- to 15-meters. The kit is supplied by 624 Kits, 171 Springlake Dr., Spartanburg, SC 29302 for a price of $153.50, plus shipping.

Oak Hills Research OHR-400
The OHR-400 provides four-band operation (80-, 40-, 30-, and 20-meters). The receiver contains an RF preamplifier, a 4-pole crystal filter and a 4-pole audio filter. It offers full break-in and sidetone, and an optional built-in keyer is available.

The cabinet is about 4- x 9- x 9-inches. The reviewer remarked that the boards are among the highest quality that he had ever seen. They are a pleasure to solder, and instructions are thorough; but it is not a beginner's project.

The finished rig is notably easy to use. The dial is smooth and selectivity is very sharp. He found that it copies weak signals about as well as his full-size commercial transceiver.

The kit is supplied by Oak Hills Research, 20879 Madison St., Big Rapids, MI 49307, for a price of $319.95, plus shipping. The optional keyer adds $39.95.

S&S Engineering TAC-1
The TAC-1 is a microprocessor-controlled, synthesized, single-band transceiver. It uses a digital LCD frequency display. It can be built for either 40- or 80-meters. The receiver is a single-signal superhet with IF filtering and switchable audio filtering. Transmit output is 5-watts.

The reviewer was highly complimentary of the parts packaging and organization of the kit. Circuitry is built on two PC-boards connected by ribbon cable; no wiring is used, at all. A 75-page manual provides complete construction information, but this kit is not for beginners.

He comments that "operating the TAC-1 is one of the finer joys in life". Since the rig is the only one of the seven to have synthesized frequency control, the operator always knows the precise, drift-free operating frequency.

S&S Engineering is located at: 14102 Brown Rd., Smithsburg, MD 21783. The price is $199.95. An optional keyer is $29.95.

Small Wonder Labs Green Mountain 20
This is not a complete kit; it contains the PC-board and most components to build a CW superhet QRP transceiver for 40-, 30-, 20-, or 15-meters. It provides only the parts that are mounted on the board. Cabinet, connectors, pots and switches are not supplied. An experienced builder

will have no difficulty with the components and construction manual supplied.

It uses a varactor VFO, 4-pole crystal filter, full break-in, RIT, and an accurate transmit offset. Power output is limited to less than 2-watts. Receiver performance was found to be excellent; the selectivity allowed the reviewer to hear weak signals very close to strong ones.

The Green Mountain 20 is supplied by Small Wonder Labs, 80 E. Robins Ave., Newington, CT 06111. The price is $75.00, postpaid.

Wilderness Radio NorCal 40A
This unit is very small, about 2- x 5- x 5-inches in size, and was designed for the camper or backpacker. It is very simple in construction and is suitable for a beginner.

The quality of the boards and parts is excellent. Its 4-pole IF crystal filter provides very good selectivity (passband about 400-Hz.) and the receiver is extremely sensitive. Power output is about 3-watts and power consumption is very low. A small gel cell lasts an entire weekend.

The only calibration mark on the tuning dial indicates the QRP calling frequency: 7040-KHz. The front panel contains RF gain control, RIT on/off switch, RIT control, and the main tuning dial. The NorCal 40A is supplied by Wilderness Radio, PO Box 734, Los Altos, CA 94023-0734. The price is $129.00.

Wilderness Radio Sierra
The Sierra provides coverage up to nine bands, with plug-in modules for the separate bands. It is about 3- x 6- x 6-inches in size. It provides 2- to 3-watts output on all bands, contains an S-meter, a vernier dial, RF and AF gain controls, and RIT.

Construction of this unit, though not for a beginner, would be within the capability of one who has built one or two simpler kits. It is priced at $215 for the basic kit; with any three band modules, it is $295; with all six band modules, the total price is $369. Shipping is extra in all cases. The supplier is the same Wilderness Radio Company that supplies the NorCal 40A.

The Wilderness KC1 Frequency Counter/Keyer
Wilderness Radio offers an accessory for either the NorCal 40A or the Sierra. It contains a frequency counter with no visual readout; it announces the three-digit result of a frequency count in Morse code! Furthermore, one can enter a desired frequency in CW, then manually tune across the dial. When the tuning reaches the specified frequency, the device signals it. In addition, the accessory contains an iambic keyer that ranges from 8- to 50-wpm. The price is $45.00, shipping not included.
---

999. Why We Present a Bad Image of Ham Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4usi78$9rf@lehi.kuentos.guam.net>
Source record: 218996
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

jherman@Hawaii.Edu (Jeffrey Herman) wrote:

>Frank Sved <dg198@FreeNet.Carleton.CA> wrote:
>>Jeffrey Herman (jherman@Hawaii.Edu) writes:
>
>>> Fine. But while on HF if you start calling a frequency "the center of
>>> a channel" be prepared to be labeled a lid. Colloquial usage plays
>>> a vital role in what terminology is admissible.
>>>
>>> One wonders if Shannon defines "ham radio."

>>What a waste of bandwidth your opinions consume, Jeff.
>>Who cares about micro-defining subjective terms. Stick to looking at the
>>clouds go by on your island.
>>--
>> (((((
>> 0-0-,((
>> ----.oO--O---Oo.------
>> | Frank Sved |

>At least I provide an opinion, Stank. That's more than we get from your
>one-line insults followed by a five-line something or another. Eat
>some prunes for that constipation.
>Jeff KH2PZ

And Frank, if you're interested, this thread is a perfect example of what's
wrong with this newsgroup. I don't know if you read the whole thread, but
I'll give you a quick instant replay:

< Instant Replay On>

Somebody came along and said something about 'channels' on the ham
bands. A few other people pointed out (nicely) that the ham bands don't
have what are normally referred to as channels. Then the pro's jumped in,
and the technical debate started - never mind anymore if we have channels
or frequencies, we are at the stage now to see who's debating team wins.
Nothing being said about channels or frequency anymore, now we are
debating the technical definition of infinity. Forget channels, forget
frequencies, forget ham radio, now it's nothing but a debating contest.
Then the debating teams tire, or found new debates to debate and things died
off. And finally, the one line artists come along and try and keep things alive
with smart ass remarks.

<Instant Replay Off>

I constantly hear crying in this newsgroup about what certain people type that gives ham radio a 'bad image' and gives the 'new people who may be reading this group' a wrong impression of ham radio. There are a few people still using this newsgroup that have a lot of experience with the hobby, and who have a lot of valid information that they can add to any discussion concerning ham radio. Jeff happens to be one them. And Jeff happens to be one of them that says things in a nice way. In this particular case, what Jeff said is VERY valid - get on the ham bands on HF and start callling a frequency the 'center of a channel' and you are going to make anyone who hears you wonder how much you know about the hobby. But Jeff says it and you come along and give him bullshit. It's not his opinion, it's a fact. Anyone who has been a ham for more than 15 minutes would agree it's a fact.

Everybody's entitled to an opinion. Opinons are open to debate. It doesn't do much good to debate facts, because debate doesn't change them. Debating facts just confuses people who don't already know what the facts are.

Anyway Frank, here's why this newsgroup is how it is. People come along and 'find' it and try to add valid opinions or facts to a discussion. And they get back bullshit. So what seems to happen is one of two things. They either A) give up and go away, which in many cases is the newsgroups loss, or B) they get pissed off, and decide they don't have to take bullshit without slinging some back, so they start slinging. Pretty soon they realize that no matter what opinion they have or what facts they state they are going to be attacked, so they just become shit slingers themselves. Which is also the newsgroups loss. Any 'newbies' who come along probably leave totally confused thinking *everything* they saw here was bullshit.

There are no decent discussions about anything ham related here. There is nothing but bullshit. There are a few people left who have something worth hearing to say, but constant remarks like yours will eventually run them off or turn them into what everyone says they don't want here. There's plenty of unadulterated totally off the wall crap posted here every day. Why you chose to attack Jeff, instead of using your one liners somewhere that they would be more pratically applied is beyond me.

I can't imagine, Frank, that you are so ignorant of the hobby that you would channelize HF. I can only imagine that you enjoy the bullshit.

So anyway Frank, if anyone ever posts a message again asking why this newsgroup is so screwed up, and why it gives ham radio such a bad image, (which I'm sure they will) why don't YOU explain to them that it's this way because the people who use it every day made it that way, and seem to want to keep it that way, and are doing a damn good job of it.

Hafa Adai,
Jim KH2D

1000. Re: Memphis Hamfest

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4usi8c$9rf@lehi.kuentos.guam.net>
Source record: 218997

jjohnson@townsqr.com wrote:

>Hi,
>Could anyone tell me anything about a Memphis hamfest (when, where, ect).
>Please reply by e-mail.

>Thanks,
>Jeremiah
>KB0PHX

I'm not really sure when, Jeremiah, but I think most of the Memphis hamsfests are held in Memphis, which I believe is somewhere near Kentucky. You heard anything about the Tamuning hamfest this year yet ?

Hafa Adai,
Jim KH2D

1001. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4uscrg$r7m@freenet-news.carleton.ca>
Source record: 218998

Gerald Schmitt (kc5egg@ix.netcom.com) writes:
>

Burt is Burt, you are right.

But what is the need to persecute. If someone says something on a Usegroup, who gives a flying .....

What is the need to phone an employer as is that employer cares? He/She is out to make money and do business, not deal with individuals who waste time reading tripe and call employers about it. What is the need an individual has to go after that person, employer et al? Being German it must sound familiar?

Signed, just trying to understand.
--
(((((
0-0-,((
----.oO--O---Oo.------
| Frank Sved |

1002. Re: Scientific Discoveries Minimize Aging (DHEA)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4usd0l$r8p@freenet-news.carleton.ca>
Source record: 218999

Jim Kehler (pacrimgolf@kuentos.guam.net) writes:
> health@moneyworld.COM wrote:
>
>>"YOUR Passion for LIFE" is http://dhea.natureplus.com
>>
>>Take advantage of the amazing benefits of DHEA. In the search for the
>>FOUNTAIN OF YOUTH, DHEA is a must README.
>
>>"I can't wait 30 More years for the National Institute on Aging to
>>save my ass." says Dr. Regelson, a leading DHEA researcher.
>
> You won't have to wait 30 years. A no-code tech with an HT is ready to save your
> life RITE NOW !!!!!
>
>
>
Something tells me this is the guy I see in the evenings with a sandwich
board that reads REPENT THE END IS NEAR. ....

--
(((((
0-0-,((
----.oO--O---Oo.------
| Frank Sved |

1003. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: "Thomas J. Penton" <afn45350@afn.org>
Message-ID: <Pine.A32.3.93.960814085522.15065D-100000@freenet4.afn.org>
Source record: 219000

On Wed, 14 Aug 1996, Burt Fisher wrote:

> Thomas J. Penton wrote:
>
> > Burt if hams bother you why do you post in here you dumb jerk.
>
> Does it make you feel better to call me names?
> I post here to feel more interesting.
You did not answer my question why do you bother posting in here if all you
do is piss everybody off. i consider you a troll.

Thomas J. Penton
afn45350@afn.org
I am a stranger in a
even stranger land

1004. Chris & Jerry (not the comic book)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4usj24$9rf@lehi.kuentos.guam.net>
Source record: 219001

cgreenha@magnus.acs.ohio-state.edu (Christopher K. Greenhalgh) wrote:

>Gerry most recently has threaten to sue The Ohio State University, because
>...now get this...I asked him to go to alt.flame! I think this clearly sums up
>Gerry's character...enough said.

>Take care all.

>Christopher K. Greenhalgh, N8WCT
>Computer/Electronic Tech. II at The Ohio State University
>E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
>AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

Chris, we all read the AIDS debate. Then we read the debate of the AIDS debate. Now we are reading an instant replay of the debate of the AIDS debate. If you and Jerry were both here, I'd give you each a 2x4 and let you go out in the back yard and settle this once an for all. You don't have to keep defending yourself. You're smart enuff to realize that this has ABSOLUTELY nothing to do with ham radio. If you want to keep it up, I can send you Jerry's email address. He loves getting email anyway. You should both be glad you don't have AIDS. And we would all be glad if you use 2x4's, boxing gloves, lawyers, or whatever you need to use to settle this elsewhere, and then just let us know who won.

Hafa Adai,
Jim KH2D

1005. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-14 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4usdi5$re5@freenet-news.carleton.ca>
Source record: 219002

Burt Fisher (kotzebue@juno.com) writes:
> adamkern wrote:
---- snip ----
WHAT HE SAYS:
> I would debate you with intelligence and most hams would fall apart.

WHAT HE DOES:
> If you are a typical ham feeling 50 years old allows you to
> fit right in. Get a girlfriend.
>

TYPICAL BURTS HAVE NO INTEGRITY, MORAL FIBRE. REMEMBER BURT, THERE ARE
THOSE THAT KNOW AND THOSE THAT DO. A/V TEACHERS ARE FAT, UGLY, AND CAN'T
KEEP GIRLFRIENDS.

--
(((((
0-0-,((
-----.oO--O---Oo.------
| Frank Sved |

1006. Re: Your recommendation for an HT?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: bobkruk
Message-ID: <4uvte0$2lo@lou.teclink.net>
Source record: 218803
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Burt Fisher <k1oik@ccsnet.com> wrote:

>I want to buy an HT for 2m that has at least 20 memories,
>covers the aircraft frequencies through 162 MHZ and is rugged
>Suggestions?

BURT!
Get a Kenwood TH-79ad. These are wonderful radios for the following:
1. They have those lovely FET power modules that will let you run 'em
for days on end without recharging. 2: They have DOT MATRIX
DISPLAYS!! This means that it can spell things; the thing has online
help, so you only need the manual for complicated stuff. 3: 80
memory channels between the two bands (2m/70cm). 4: Comes with PL
encode AND decode STANDARD, sir! 5: Comes with a nice dual-band
antenna, not your average duck. 6: You can enter alphanumeric labels
for your frequencies, so you can look at a repeater name instead of
the frequency, if you like (it's nice if there are lots of repeaters
you can't remember calls for.) 7: All the mods are already out, and
this thing goes all over the place (136-174, 410-470 tx/rx, although
I'm sure no hams are interested in extended TX.... :) 8: It's made
by Kenwood, and we can expect their products not to blow up for quite
a long time. I ordered from AES and got a nifty carrying case, too.
9: THERE IS NOW A COMPANY ADVERTISTING IN QST THAT MAKES
NICKEL-METAL-HYDRIDE BATTERIES FOR THIS RADIO... perhaps in the
future, we won't have to have exam questions about the infamous memory
effect. I got this radio when it was young for about $460, but the
price has probably come down since then. Even in my young version,
all the bugs seem to be worked out. This radio rocks. (I swear I
have no affiliation with Kenwood or AES... just one happy TH79 owner.)
-Charles

1007. Kenwood TS-950SDX???

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: rlubash@poco.mv.com
Message-ID: <Dw77EL.IJI@mv.mv.com>
Source record: 218804

I am thinking of purchasing a Kenwood TS950SDX any opinions good or bad.

Richard Lubash
N1VXW
email rlubash@poco.mv.com

1008. Re: FS: All Ham Bands, Reply to Republican Congress

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: T E I X E I R A <teixeira@ccnet.com>
Message-ID: <4uvef2$hrs@ccnet2.ccnet.com>
Source record: 218805
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.amateur.policy

J
>You must be a socialist?
>
>--
>CAPMan HF Propagation Prediction Software
>http://ourworld.compuserve.com/homepages/KU5S

I refuse to be put in to a package like Socialist. It seems that many people don't know the difference between a Socailist and a Democrat. But I thank God I am not a Republican.

1009. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: steve <kd6fyk@wco.com>
Message-ID: <321408FA.2AC@wco.com>
Source record: 218806
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Jim Kehler wrote:
>
> Surprise2 <surprise2@where2.edu> wrote:
>
> >Burt Fisher you are a PUSSY so shut the fuck up.
>
> >You are dumb too.
>
> Ah, the 'new breed' of hams. Tiny portable radios and short, concise
> thoughts..... but maybe in this case it should be
>
> Tiny, portable radio and an IQ to match.

there you go again,new breed,blah-blah-blah.jim,please get a grip.
seventy three steve
ps everybody is invited to our 145.190 world famous chicken-net
bbq in guerneville,ca this sat.in cm88

1010. Re: Your recommendation for an HT?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <3213CAE7.22F@juno.com>
Source record: 218807
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Robert M. Kruk wrote:

> Get a Kenwood TH-79ad. These are wonderful radios for the following:

The radio sounds great but 440 is not in this area
Do you have a recommendation for a 2 meter radio?

#================#==#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#================#==#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#===#

1011. Got No-Code...now what?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: gradyr@mindspring.com
Message-ID: <gradyr-1508962215350001@user-168-121-178-82.dialup.mindspring.com>
Source record: 218808

Passed my no-code tech and now I'm wanting to play! :-) Of course the first thing I did was get the scanner in my car but now I want to yack a little bit. What all can I do? I was thinking of a mobile unit or handheld as it seems I'm always on the road. Figure it could also double as a base unit. I also saw a radio that you could make phone calls on. How do you do that? What are some good resources for a new HAM? I'd like to really be able to talk to people far away. Do I need to learn Morse for this? Any help appreciated!

Grady

1012. FCC Antenna Doc on WWW

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: AC6V <AC6V@ix.netcom.com>
Message-ID: <3213EA74.60A8@ix.netcom.com>
Source record: 218809
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwaverec.radio.amateur.misc

Rich Carlson wrote:
>
> Does anyone have the text of this ruling? I am trying to get my townhouse
> association to allow a DBS dish and a discone for scanning on my roof, and
> this may help push me over the edge as it were...
>
> --
> Rich Carlson, N9JIG (n9jig@TheRamp.Net)

Hi Rich, all 30 pages of the FCC text are to be found at URL:

http://www.fcc.gov/Bureaus/Cable/Orders/fcc96328.txt

Part of the FCC page at URL:
http://www.fcc.gov/

Lets all hope they extend this ruling to the Amateur Radio Service.

Good Luck with the HOA -- mine is hopeless.

73
Rod

--
Hark for I have hurled my words to the far reaches of the earth!
What King of old could do thus??
..... AC6V

1013. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <Dw78sC.2IK@news.hawaii.edu>
Source record: 218810

Frank Sved wrote:

> TYPICAL BURTS HAVE NO INTEGRITY, MORAL FIBRE. REMEMBER BURT, THERE ARE
> THOSE THAT KNOW AND THOSE THAT DO. A/V TEACHERS ARE FAT, UGLY, AND CAN'T
> KEEP GIRLFRIENDS.

Hi again, Frank,
I thought you were going to start saving disk space by not sending
"one liners" anymore? To call someone fat and ugly really isn't in
keeping with our fine 80-year-old culture, is it?
Jeff KH2PZ

1014. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <Dw7942.2s2@news.hawaii.edu>
Source record: 218811

In article <321372FE.5999@mich.com>, Jeff King <jeff@mich.com> wrote:
>Yeap, at times Burt does remind me of Wayne Green, W2NSD also. W2NSD,
>in his editorials in 73 Magazine, often went against the "ham radio
>collective" opinion/mindset. If you were able to finish his editorial,
>it often made you think and question the status quo. It appears this
>is painful for many people.

NSD's attacks upon the ARRL always seemed without merit; he came across
to me as being jealous of the ARRL's following. My collection of 73
went back to issue #2 - I enjoyed the articles but not the editorials.
Jeff KH2PZ

1015. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <Dw79nv.388@news.hawaii.edu>
Source record: 218812
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

Rob Neff <n7ory@primenet.com> wrote:
>Perhaps the use of an HT helped keep the cancer cells at lower level
>than they would have been without it?
>
>Just a thought.

More like a fantasy. I am *very* sorry to read of your loss; statistics show 1 in 4 women will suffer from that form of cancer. But let's please keep emotion out of this ruling. Self-denial that RF cannot cause illness will only hurt yourself, but coming on here and stating that to hundreds of thousands of folks is irresponsible.

Keep your HT at its lowest power setting (not only for health reasons but also to comply with Part 97). Use a speaker mic and hold the HT at arm's length when transmitting (who cares what that will look like - you'll be setting a good example).

Be safe,
Jeff KH2PZ

1016. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <Dw7A53.3L0@news.hawaii.edu>
Source record: 218813
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <320FAD23.43E3@where2.edu>, Surprise2 <surprise2@where2.edu> wrote:
>Burt Fisher you are a PUSSY so shut the f*ck up.
>
>You are dumb too.

I've got a DF fix - the above (anonymous) signal is being emitted from onyx.indstate.edu.

1017. Anonymous poster caught: J. Mackey (was: Re: CB repeaters)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <Dw7C1z.56n@news.hawaii.edu>
Source record: 218814
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <320FBC7C.18BB@where2.edu>, Surprise2 <surprise2@where2.edu> wrote:
>Robert Casey wrote:

>> Thought I heard a repeater on CB, but wait, the output's on 147.435 :-)

>mmmmm, be careful with such comments, there is more than one 147.435
>repeater.

>John Mackey, KA0SSF
>Owner, 147.435 repeater, Portland, Oregon

Hi John,
This thread had to do with the L.A. machine. Seems every chance you get
you call attention to you owning the 435 Portland repeater. Nothing can
be done about that, but the real problem I have with you is your anonymous
postings under the guise of "surprise2@where2.edu" - here was your latest
crude remark from that "address":

---------------Begin John Mackey KA0SSF's anonymous article----------------
Article 105549 of rec.radio.amateur.misc:
Xref: news.hawaii.edu rec.radio.amateur.misc:105549 rec.radio.amateur.policy:25609
Newsgroups: rec.radio.amateur.misc,rec.radio.amateur.policy
Path: news.hawaii.edu!munnari.OZ.AU!spool.mu.edu!news.sgi.com!news.msfc.nasa.gov!newsfeed.
internetmci.com!newsxfer2.itd.umich.edu!howland.erols.net!vixen.cso.uiuc.edu!usenet.ucs.in
diana.edu!onyx.indstate.edu!news
From: Surprise2 <surprise2@where2.edu>
Subject: Re: Ham's character
Content-Type: text/plain; charset=us-ascii
To: k1oik@ccsnet.com
Message-ID: <320FAD23.43E3@where2.edu>
Sender: news@onyx.indstate.edu
Nntp-Posting-Host: 208.5.147.156
Content-Transfer-Encoding: 7bit
Organization: Myself & I-2
References: <320494BF.3ED6@juno.com> <4ueod6$1el@unet.net.com> <320BCF2B.79A1@ccsnet.com>
<NEWTNews.839786993.28413.gpewitt@execpc.com.execpc.com> <320EFE65.5A8B@ccsnet.com>
Mime-Version: 1.0
Date: Mon, 12 Aug 1996 22:16:03 GMT
X-Mailer: Mozilla 3.0b6Gold (Win95; I)
Lines: 16

Burt Fisher wrote:
> gpewitt@execpc.com wrote:
> > Burt wrote:

> > > My gear is still for sale.
> > > I claim that hams will not engage me L I V E when they are open to
> > > all listeners.

> > Eat sh*t and die Burt.

> How the typical gutless ham responds.

Burt Fisher you are a PUSSY so shut the fuck up.

You are dumb too.
------------------End John Mackey KA0SSF's anonymous post--------------

That particular post came from onyx.indstate.edu with the Organization
line reading "Myself & I-2." Your current "I own the Portland .435
repeater" came from biosys.apldbio.com with the Organization line also
reading "Myself & I-2." Both articles contain the address
suprise2@where2.edu, only this time you were actually dumb enough
to sign your name and callsign. I guess we should allow the possibility
that someone forged your name and call ("yeah, that's what happened")
but I believe that the accused is burdened in proving their innocence.

Prosecution rests.

Jeff KH2PZ

P.S. Any licensed ham can become a rptr owner - there's no virture
in that - and practically any transceiver can be made into a crude
rptr. Thus, you hold no special significance in the amateur community; but
now among the internet community you are scum for not having the courage
to use your real address to accompany your remarks.

1018. Re: Why We Present a Bad Image of Ham Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <Dw78J9.29v@news.hawaii.edu>
Source record: 218815

Frank Sved <dg198@FreeNet.Carleton.CA> wrote:
>Thanks for the Email, Jim. Seems my server just got this and I am now
>seeing it. As I've said in my email, Jeff's a big boy who can talk for
>himself. He started dishing out his usual crap and I responded. If he
>can only make an intellegent (SIC) comment when HE posts then he should be able
>to make one when he contributes to someone else's posts.

Let's see now, I believe I wrote: "If, while on the air, you're going to
start refering to each HF frequency as the center of a channel, be pre-
pared to be called a lid. In 20 years of being a General I've never
heard "channel" being used on HF.... One wonders if Shannon defines
`Ham Radio'."

One could consider that a bit of useful advice to newcomers. Our
ham radio culture is over 80 years old, and culture has to play
just as important a role in our day-to-day on-the-air activities as
textbook definitions. A new ham with only a textbook at his/her side
might become very discouraged very quickly if (s)he isn't made aware
of the cultural particulars of our hobby in advance; they might
encounter abrupt endings to QSOs otherwise.

So tell me Frank, what "usual crap" did I dish out in the above? What
do you find so offensive about it that you'd say it's a waste of
bandwidth (whatever that means - don't you mean disk space?).

>If Jeff were to take the time and read what others are saying instead of
>monologuing, that would help the group tremedously too.

The short paragraph above was a response to Gary, and was supposed
to finally end this textbook vs culture tug-of-war.

>I think this group would be a lot better without the one liners,
>unfortunately some people don't stop dishing out until they receive some.

If you insist upon projecting one-liners, why not consider doing so via
email?

>Anyways I'm gonna follow my one advice and save the bandwidth. (or is
>that channel???)

No, it's disk space.

> \|||/
> (o o)
> -----ooO-(_)-Ooo-----

Sheesh.

Jeff KH2PZ / KH6

1019. Amateur radio BBSes

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: nwdirect@netcom.com
Message-ID: <nwdirectDw5K13.5vB@netcom.com>
Source record: 218853

Did you know that there are Bulletin Board Systems (BBSes) oriented
toward amateur radio? There are quite a few of them, in 63 area codes and
6 countries, and we are adding new listings all the time.
To find out where they are located, point your web browser to:
http://www.vni.net/thedirectory and go to the "search engine." Enter the
words "amateur radio" (and in a different search enter "ham"). It will
return a list of area codes where the boards are located. Click on the
links to go the individual area code listings.
Remember to return to the website about once a month as we regularly
find and list new boards and new descriptions for existing listings.
There BBSes on just about any topic that you may be interested in.
If you came by before and didn't find much with the search engine, come
back again. We found a problem with the search engine and it is now fixed.
--
****
* *
* Looking for a BBS or an Internet Service Provider? Look no further! *
* http://www.vni.net/thedirectory - largest directory on the web *
* over 47,000 listings & growing - over 4,600 Internet Providers *
* "The BBS Corner" - search engine - over 800 telnet BBSes *
* See what you are missing. Call a BBS today! *
****

1020. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: n4jvp@ix.netcom.com
Message-ID: <32126b14.24257246@nntp.netcruiser>
Source record: 218854
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

On Wed, 14 Aug 1996 19:41:00 -0400, Burt Fisher <kotzebue@juno.com>
wrote:

>Jack wrote:
>
>> Hey Burt, do you know what really worries me about you?
>> You have the ability to poison young minds with your school
>> teaching. Kids are brought up to respect teachers and not
>> question them.
>
>My students question me. They are not hams, they are ALIVE!
>
>
I must hope that you mean your students ask questions of you.

1021. Re: West Coast Blackout

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <4uu6ok$38j@cc.iu.net>
Source record: 218855

In <3211EC32.4892@ix.netcom.com>, KD1YV <jimkd1yv@ix.netcom.com> writes:
>Peter Coffee AC6EN <72631.113@CompuServe.COM> wrote:
>>TORRANCE, CALIFORNIA, 12 AUGUST 1996
>>When the lights went out on August 10, all over Los Angeles
>>County, there wasn't any point in trying to phone home. Both
>{deletia}
>Good news on the excellent ham coverage. Most likely, the success was because
>of your constant drills which you mentioned.
>Unfortunately, I read the following a day before yours, on a real news service.
>Now which do you think that the Republicans are going to remember when it comes
>to auctioning off the ham bands.
>Quote from Business Wire.
>>> NEW WIRELESS PHONE NETWORK COMES THROUGH POWER OUTAGE; PACIFIC BELL MOBILE SERVICES
REPORTS 100% INCREASE IN CALL VOLUMES AT REPUBLICAN
> NATIONAL CONVENTION - Pacific Bell Mobile Services announced today
> that its new wireless phone network serving the Republican National
> Convention performed flawlessly through yesterday's power outage
> affecting nine western states.
>End quote.
>
>73 de Jim

jim -- this says that the convention's phone systems stayed up. one of the things that was considered for the new pbx at the office was a "in house cell radio" system where key people would have portable phones but would have all the features of a wired phone through the proprietary system (the phones are "cell" phones - the system works that way - but they're not interoperable with the normal cell radio systems..)

and performing flawlessly might not mean that it completed every call and presented every caller with dial tone when requested...

this could just mean that the local systems had batteries and inverters on line.

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

1022. Re: HAM License Vehicle Plates

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: jdmjr@airmail.net
Message-ID: <4utvnv$he8@news-f.iadfw.net>
Source record: 218856

Curtis Wheeler <cwheeler@ccnet.com> wrote:

>Will.A.Sheffield@tek.com (Will Sheffield) wrote:
>>I am looking for information concerning what states allow you to have more
>>than one vehicle registered with the same HAM call sign. If hyou have
>>information concering this, please e-mail me. I would like to see if I cann't
>>get the state of Oregon to go along with this plan also.

>I am not sure if I am following exactly what you want to do.

>If you want to have the same plate on more than one car, I would say
>"good luck".

>Here in California (and I imagine many other states) you can get ham
>plates for you car without paying too much. A one time fee (lat i
>checked it was $21) and that was it. No added annual fees such as those
>charged to "personalized" plates.

>Just like any other type of vehicle registration - you can't have the
>same plate number on two cars (exception here being car dealer,
>distributer and manufacturer plates - but they pay a lot for those
>"special" plates). Even when personalized, plates need to be unique.

>But if you want to, you could put "call" plates on your second car and
>name like a packet node or something. For example "N7THL-2". But in CA
>that second one would just be a personalized plate and would be subject
>to all of the associated setup and recurring charges. Don't know why you
>couldn't do that in Oregon.

>Curtis

We can do just that in Texas iI have three cars with the same call
sign on them . each is two dollars extra each year.. makes for a
little fun at plate buying time... after several years of doing this
they all try to hide when they see me coming..

73'S
N5BGQ'

1023. Re: Did the Family Radio Service die?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: zuschlag@eagnet.com
Message-ID: <3212a6ef.21803536@news.eagnet.com>
Source record: 218857

On Tue, 13 Aug 1996 11:44:19, duffy1@gnn.com (duffy1) wrote:

>
>In article <9607302138172372@atdbbs.com> Clint Bradford wrote:
>>>>Didn't we hear that this newly-approved 462/467 allocation
>>>>was to be implemented in July? What has happened to it?
>>>>Was it recinded? Delayed? Re-alocated?
>>
>>The law of the land - unless a Petition for Reconsideration and a
>>separate Petition for Stay were acted upon.
>>
>>>>Radio Shack was to be the first manufacturer of the certified
>(though
>>>>not type-accepted) handhelds? Any other companies joining in?
>>
>
>Have seen numerous Motorola radios advertised in sporting goods
>catalogs. Said they would be available in September. Called
>Motorola and they gave same availability.
>
>>As of last week, the FCC stated that NO applications for
>type-acceptance
>>for the FRS were received. Bet on Tandy, Motorola, and other
>Docket
>>sponsors to have units on retailers' shelves for Christmas.
>>
>>>> Must only that new specially-certified equipment be used or
>will old
>>>>commercial two-way or ham-radio transceivers be usable up there?
>>
>
>
>>It will be against the law to use anything but an
>FCC-type-accepted FRS
>>HT on the FRS frequencies.
>
>
>I got the biggest laugh out of the last comment. Nothing personal
>against the writer, but "against the law" when it comes to
>communication law means NOTHING. No one enforces the law anymore.
>The FCC has done nothing about the CB "sidebanders" and the
>numerous problem operators on the ham bands. As for the FRS, does
>anybody think the FCC is going to chase down violators of the law
>with this service....hardly!

>
>
Well, you are probably right, but the prevous poster (the post to which you direct your amusement) did answer the question that was asked. Existing commercial / amateur gear will not, for the most part, meet the technical requirements of the law, even if it weren't for the type acceptance problems.

Posit: What will an FM transmission of 5 kHz deviation sound like on equipment designed for signals with a maximum deviation of 2.5 kHz? Will it be "obvious"? Of course, since 50% of the new FRS frequencies are the same as existing GMRS frequencies, I suppose it won't matter.

Fred

1024. W0TOB...Email contact please

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: mikelb@ix.netcom.com
Message-ID: <4uu57q$qor@dfw-ixnews10.ix.netcom.com>
Source record: 218858

W0TOB please contact mike bowlin KF6FLQ via email re: baumgarten at this return address. 73 MEB

1025. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <4uu6uq$qk9@dfw-ixnews3.ix.netcom.com>
Source record: 218859

In <3211A476.4A@juno.com> Burt Fisher <kotzebue@juno.com> writes:
>
>Gerald Schmitt wrote:
>>
>> Mr Fisher et al,
>>
>> There is a bit more to the story than Mr Greenhalgh cares to tell.
He
>> was citing "Medical Facts" the veracity of which were in question.
He
>> was challenged to provide a disclaimer when making these assertions.
>
>Are you saying your contact with his employer was not an effort to
>affect his employment?

That is exactly what I am saying. I contacted them as did two
physicians because of concern about what he was saying. Please also
note that I asked him if the University supported his position and he
invited me to send the corespondence to them. In email he explicitly
told me to do this.

>
>
>> As to you Mr. Fisher. I take issue with your comments about hams and
>> people of German extraction because I am both. Once in a while the
urge
>> to jerk your chain overcomes me. I am aware you have the good sense
to
>> have your own personal internet accounts and do your posting from
>> there. Obviously your employer has no vested interest in what you
say
>> so contacting them would be quite wrong. One of my mentors had a
series
>> of numbers tatooed on his forearm. I suspect he had a great deal
more
>> personal stock in the German issue you are always raising than you
do.
>> Yet he did not refuse to talk to me or teach me. In fact he
regularly
>> spoke German with my father. I think you could have learned a lot
from
>> this gentleman. He took the Torah rather more seriously than you
seem
>> too.
>

>I used to post my employers name in my tag but after several
>users here contacted my emmployer I removed that reference. I never
>post from work nor do I use the ONE account given by my employer to
>post.
>I have no agrument with what you say above. Your mentor sounds like a
>better man than I, by far.

When we are being controversial it is best to leave our employers out
of the stew. You show good judgement in this. How about giving the old
guys and us Germans a break for a while.

See ya Jerry

>
>
>#===============#===
#
>| Burt Fisher | Teacher of video, broadcasting and electronics
|
>| Amateur call | South Dennis, Ma. (Cape Cod)
|
>| K1OIK | Mr. Happy should not be happy all the time.
|
>#===============#===
#
>| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu
|
>#===
#

1026. WA8IMO wants to know !

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: georgehe@unix.asb.com
Message-ID: <Dw5uEB.6os@news2.new-york.net>
Source record: 218860

In response to a recent post by Bob Sull WA8IMO,

Why would you buy a radio to mod it?
"Inquiring minds want to know" ....

When purchasing a new dual bander I was considered if it can be
modified to broaden its coverage.

>> Begin debate thread<<<

I am very involved in ARES/RACES and when purchasing gear I want to
know if CAP and broadbanding mods are available.

On several occasions I have been invited by other agencies to communicate
within their system. There are systems for which I have authority to
use and they fall adjacent to the ham bands.

One could question such use for GMRS or the new FRS too.

>> Begin first comment <<

But I prefer only to resort to such tactics if/when such a situation exsists
which warrants such actions, or when specifically asked to do so.

>> End first comment <<

And later often happens....

The "type acceptance" issue......

Yes, a modified amateur radio is not type accepted for use in other services.
However to use a quote from an recent article by a popular amateur author

"In a life and death situation, dual band amateur radio handheld
equipment may be operated on frequencies outside of normal band limits.
FCC Rule 80.311 applies to marine channels, 90.75 applies to interant
channels, and FCC Part 95.143 applies to the GMRS"

So, in a life and death situation, or if you break the rules, only when
openly invited by an agency you may actually have benefit for such gear.

In making these inquires of this newsgroup I have heard tales of
horrible people such as volunteer firemen and DMAT teams doing
the exact same thing.

Read first comment again ....

OK, done with my explainations to the mindless.
When do the book burnings begin ?

>> End flame

73, george

1027. Wanna to win A CD player ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: kelvin@k.com.hk
Message-ID: <4uucj0$mi6@news.asiaonline.net>
Source record: 218861

```
Wanna to win A CD player ?
If you are interesting in a Philippines Radio Show, try :
http://www.corjam.com/
```

1028. Re: WA8IMO wants to know !

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4uunc6$k4g@lehi.kuentos.guam.net>
Source record: 218862

georgehe@unix.asb.com () wrote:

>In response to a recent post by Bob Sull WA8IMO,

>Why would you buy a radio to mod it?
>"Inquiring minds want to know" ....

>When purchasing a new dual bander I was considered if it can be
>modified to broaden its coverage.

>>> Begin debate thread<<<

>I am very involved in ARES/RACES and when purchasing gear I want to
>know if CAP and broadbanding mods are available.

>On several occasions I have been invited by other agencies to communicate
>within their system. There are systems for which I have authority to
>use and they fall adjacent to the ham bands.

>One could question such use for GMRS or the new FRS too.

>>> Begin first comment <<

>But I prefer only to resort to such tactics if/when such a situation exsists
>which warrants such actions, or when specifically asked to do so.

>>> End first comment <<

>And later often happens....

>The "type acceptance" issue......

>Yes, a modified amateur radio is not type accepted for use in other services.
>However to use a quote from an recent article by a popular amateur author

>"In a life and death situation, dual band amateur radio handheld
>equipment may be operated on frequencies outside of normal band limits.
>FCC Rule 80.311 applies to marine channels, 90.75 applies to interant
>channels, and FCC Part 95.143 applies to the GMRS"

>So, in a life and death situation, or if you break the rules, only when
>openly invited by an agency you may actually have benefit for such gear.

>In making these inquires of this newsgroup I have heard tales of
>horrible people such as volunteer firemen and DMAT teams doing
>the exact same thing.

>Read first comment again ....

>OK, done with my explainations to the mindless.
>When do the book burnings begin ?

>>> End flame

>73, george
>

George,
That sounds like a pretty rational explanation for modifying radios, thanks for explaining that to us. Most hams I have met who wouldn't buy a radio that didn't allow out of band transmit either suffered from a 'Junior G-Man' complex or the 'I-have-been-carrying-an-HT-around-so-long-that-I-think-I-am-a-Po-lice-man' syndrome.
There is just one thing you said that has me a little confused. I would appreciate it if you could expand on it a bit. You said:

>On several occasions I have been invited by other agencies to communicate
>within their system. There are systems for which I have authority to
>use and they fall adjacent to the ham bands.

What has me confused is this: If you 'have the authority' to use the systems you mentioned, why would you need to be 'invited by other agencies' to use them ?

I think I understand the part of the FCC rules that state when someone life is in danger, type acceptance doesn't matter. So I guess on the several occasions you were invited to participate in communications on the other agencies systems that you mentioned, something pretty dangerous must have been going on. Please tell use about that. Stories of hams helping to save lives are great publicity for our hobby.

73, Jim KH2D

1029. Re: how can I broadcast on FM radio?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: ia514@cleveland.Freenet.Edu
Message-ID: <4uuefd$gvj@madeline.INS.CWRU.Edu>
Source record: 218863
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,rec.radio.amateur.misc

buy a "Mr. Microphone"
--
Dave Bryndal ============= Save the Chagrin Falls and Southern RR
ia514@po.cwru.edu====================================
dbryndal@gilmour.pvt.k12.oh.us=======================
knuckle@railnet.nshore.com===========================

1030. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <4uu810$t7l@dfw-ixnews10.ix.netcom.com>
Source record: 218864

In <cgreenha.583.3211BBEE@magnus.acs.ohio-state.edu>
cgreenha@magnus.acs.ohio-state.edu (Christopher K. Greenhalgh) writes:
>
>In article <4uql3l$sg9@dfw-ixnews10.ix.netcom.com>
kc5egg@ix.netcom.com (Gerald Schmitt) writes:
>
>>>He contacted your employer?
>>>What a lowlife.
>
>>Mr Fisher et al,
>
>>There is a bit more to the story than Mr Greenhalgh cares to tell. He
>>was citing "Medical Facts" the veracity of which were in question.
>
>The "facts" Gerry is refering to, were in question only to him.

And two physicians who bothered to tell you you were full of crap.

>
>>He
>>was challenged to provide a disclaimer when making these assertions.

>
>A blatent lie.
>
>>While using the University account does not explicitly infer an
>>official position it can implicitly imply University support of a
>>position.
>
>Only a child or challenged person would see things this way (see my
sig at
>the bottom).
>
>>Since several physicians took issue with Mr. Greenhalgh's
>>"Medical Facts" I suggested he disclaim.
>
>The only alledged physicians the took issue with my post(s), agreed
with me.
>Again, I believe this to be a blatent lie.
>
>>He refused and invited me to
>>contact the University if I wished. Based upon the response I believe

>>that several people contacted the University.
>

>Nobody but Gerry contacted OSU...and his claims were promptly laughed
off this
>campus.
>
>>If it was not such a
>>serious matter no one would have ever contacted them.
>
>Well I still have the same sig, dont I?
>
>>I don't want to
>>reopen this thread but thought you ought to know the rest of the
story.
>>No doubt this will be challenged but it is how I see things.
>
>Gerry most recently has threaten to sue The Ohio State University,
because
>...now get this...I asked him to go to alt.flame! I think this clearly
sums up
>Gerry's character...enough said.
>
>Take care all.
>
>
>Christopher K. Greenhalgh, N8WCT
>Computer/Electronic Tech. II at The Ohio State University
>E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
>AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

1031. Re: FS: All Ham Bands, Reply to Republican Congress

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: daf19730@Rosie.UH.EDU
Message-ID: <4uunge$6n5@Masala.CC.UH.EDU>
Source record: 218865
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.amateur.policy

In article <4uqq4q$cgp@ccnet2.ccnet.com>, T E I X E I R A <teixeira@ccnet.com> writes:
>
>>Socialist, communist pimps... Only a moron would claim to be
>>a democrat.
>>
>>Steve
>
>With the likes of people like Nixon, Regan, Bush, Gingrich, Buchanon, Limbaugh and the
>Watergate Gang.....Do you still want to associate with the Republicans????? We sure
>have short memories. d8-)
>
>
AGREED:
President William Jefferson Clinton is the greatest president since
George Washington.

Now can we get back to shortwave?

1032. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: "Thomas J. Penton" <afn45350@afn.org>
Message-ID: <Pine.A32.3.93.960815080305.40548E-100000@freenet4.afn.org>
Source record: 218866

On Wed, 14 Aug 1996, Burt Fisher wrote:

> Thomas J. Penton wrote:
> .
> > You did not answer my question why do you bother posting in here if all you
> > do is piss everybody off. i consider you a troll.
>
> You are not a ham, I consider you a fraud
Burt you are nothing but a troublemaker in this ng.

Thomas J. Penton
afn45350@afn.org
I am a stranger in a
even stranger land

1033. Truckers on 14.3025

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: rik@nando.net
Message-ID: <rik-1508960852380001@grail1002.nando.net>
Source record: 218867

Has anyone ever had any luck asking the truckers on 20 meteres to turn down their mike gain? These guys run their rigs like cb radios with amplified mikes running wide open and splatter +/- 10khz.

I think running a ham rig on a truck is great. If I drove one I would certainly have my rig on board. I just wish these guys understood what problems they cause and cared enough to "turn it down."

73

Rik

--
Rik Rasmussen rik@nando.net http://www.webbuild.com/~rik/ Raleigh NC USA amateur radio WA4BAN

1034. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <321313DE.3F8F@juno.com>
Source record: 218868

Gerald Schmitt wrote:
> >Are you saying your contact with his employer was not an effort to
> >affect his employment?
>
> That is exactly what I am saying. I contacted them as did two
> physicians because of concern about what he was saying. Please also
> note that I asked him if the University supported his position and he
> invited me to send the corespondence to them. In email he explicitly
> told me to do this.

He appears to have asked for what you did.

>
> When we are being controversial it is best to leave our employers out
> of the stew. You show good judgement in this. How about giving the old
> guys and us Germans a break for a while.

I will lay off the Germans per your request.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#================#===#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#===#

1035. Re: HAM License Vehicle Plates

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: emtp4355@aol.com
Message-ID: <4uus6l$jnt@newsbf02.news.aol.com>
Source record: 218869

In article <Will.A.Sheffield.27.000D5ADD@tek.com>,
Will.A.Sheffield@tek.com (Will Sheffield) writes:

>I am looking for information concerning what states allow you to have
more
>than one vehicle registered with the same HAM call sign. If hyou have
>information concering this, please e-mail me. I would like to see if I
>cann't
>get the state of Oregon to go along with this plan also.
>
>Will Sheffield N7THL
>
>

In TN you can have as many as you like, but an additional number is added
at the end of the call. They are so called "EMERGENCY" tags and cost no
more than regular ones. The numbering system example is: KF4KEK for they
first car then KF4KEK-2 for the second. You have to apply befor 9/31 to
get them in March.

Joseph K. Murphy, EMT-P
KF4KEK
emtp4355@aol.com

1036. Hams help hospitals --- A new Web site

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: homingin@aol.com
Message-ID: <4uv9jl$mdd@newsbf02.news.aol.com>
Source record: 218870

For over 15 years, the 90-plus members of the Hospital Disaster Support Communications System (HDSCS) of Orange County, California have served over 35 hospitals in nearly 50 emergency situations. At the new HDSCS site on the Web, you can find out how volunteer Amateur Radio operators can be an important backup communications resource for hospitals, if the hams are well organized and trained.

There you will find:

--- How HDSCS organizes to support hospitals
--- What "dedicated communicators" are and why they are important
--- Frequently Asked Questions about hams helping hospitals
--- The surprising answer to "How often do hospitals need hams, anyway?"
--- Response from hospitals served by HDSCS
--- Info given to new HDSCS members
--- Recruiting hams for hospital communications
--- And lots more...

URL is http://members.aol.com/emcom4hosp/

Please add it to links at your ham radio, ARES and RACES sites.

73 de Joe K0OV
\

1037. (no subject)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: Claude PIOT <aube1540@eurobretagne.fr>
Message-ID: <3212D5AE.2351@eurobretagne.fr>
Source record: 218871

Did somebody knows the grid current admisible in a vacuum tube
3-500Z/GRAPHITE (3-500Z/8802) in a class AB2 grounded grid linear
amplifier.
Thanks from Claude PIOT, F3PZ.

1038. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4uv61k$r9b@freenet-news.carleton.ca>
Source record: 218872

```
Burt Fisher (kotzebue@juno.com) writes:
> Frank Sved wrote:
>
>> TYPICAL BURTS HAVE NO INTEGRITY, MORAL FIBRE. REMEMBER BURT, THERE ARE
>> THOSE THAT KNOW AND THOSE THAT DO. A/V TEACHERS ARE FAT, UGLY, AND CAN'T
>> KEEP GIRLFRIENDS.
>
> And your facts are ... as general and blanket as yours about hams.
>
> #================#=========================================================#
> | Burt Fisher | Teacher of video, broadcasting and electronics |
> | Amateur call | South Dennis, Ma. (Cape Cod) |
> | K1OIK | Mr. Happy should not be happy all the time. |
> #================#=========================================================#
> | k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
> #=====================================================================#
```

1039. OPINION Best HF radio to replace one hit by lightning

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: gbaron@deskmedia.com
Message-ID: <321309fa.44323602@news.deskmedia.com>
Source record: 218873

My HF radio was destroyed by lightning. It was a Kenwood TS440SAT. I
might want to upgrade to say a TS870 or perhaps the 450 is good enough
which is the value I will get from the insurance company. Is it really
wroth an extra 1000 for an 870 or Yeasu 736 or ICOM FT900 or what
would you suggest?
I am pretty much limited to an R7000 for an antenna or dipole. My R7
was also destroyed (took direct hit !!!),
--
Gil Baron W0MN gbaron@deskmedia.com Web http://www.deskmedia.com/~gbaron
"Bailar es vivir" pgp2.6 key http://www-swiss.ai.mit.edu/~bal/pks-toplev.html
"Cuatro caminos hay en mi vida. Cual de los cuatro sera el mejor"

[Posted with Agent .99e. For info, email agent-info@forteinc.com.]

1040. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4uvdq9$msi@lehi.kuentos.guam.net>
Source record: 218874
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Jack <@sullivan.vf.mmc.com> wrote:

>You remind me of W2NSD and his editorials; he doesn't know how to
>respect someone elses' opinions.
>de Jack N2MPU

Lack of respect for someone else's opinions are the specialty of this newsgroup. That's why we are all here. You must be new here, huh ?

73, Jim KH2D

1041. Re: Why We Present a Bad Image of Ham Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4uv5rv$r5s@freenet-news.carleton.ca>
Source record: 218875

======= snip =======
> worth hearing to say, but constant remarks like yours will eventually run them
> off or turn them into what everyone says they don't want here. There's
> plenty of unadulterated totally off the wall crap posted here every day. Why
> you chose to attack Jeff, instead of using your one liners somewhere that
> they would be more pratically applied is beyond me.
>
> I can't imagine, Frank, that you are so ignorant of the hobby that you would
> channelize HF. I can only imagine that you enjoy the bullshit.
>
> So anyway Frank, if anyone ever posts a message again asking why this
> newsgroup is so screwed up, and why it gives ham radio such a bad image,
> (which I'm sure they will) why don't YOU explain to them that it's this way
> because the people who use it every day made it that way, and seem to
> want to keep it that way, and are doing a damn good job of it.
>
> Hafa Adai,
> Jim KH2D
>
>
>
>

Thanks for the Email, Jim. Seems my server just got this and I am now seeing it. As I've said in my email, Jeff's a big boy who can talk for himself. He started dishing out his usual crap and I responded. If he can only make an intellegent comment when HE posts then he should be able to make one when he contributes to someone else's posts.

If Jeff were to take the time and read what others are saying instead of monologuing, that would help the group tremedously too.

I couldn't care less about channelizing anything. Call freqs what you want. po-tay-to po-ta-to.

I think this group would be a lot better without the one liners, unfortunately some people don't stop dishing out until they receive some. An unfortunate part of dealing with egocentrics (Not necessarily Jeff).

Anyways I'm gonna follow my one advice and save the bandwidth. (or is that channel???)

1042. Using Keyers?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: Rick Miller <rick@DigalogSys.com>
Message-ID: <Pine.LNX.3.91.960815114001.4591B-100000@net.digalogsys.com>
Source record: 218876

Hi!

I've never tried a "keyer" other than a straight key...
Would anyone care to comment on the pro's and con's of keyers?
Should I bother? What are they good for? When are they bad?
How should they be used? What should I *not* do with a keyer?

I don't even know what other questions or concerns might be
involved... any information would be appreciated. Thanks.

Rick Miller (kb9obn) rdmiller@execpc.com

1043. Re: West Coast Blackout

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: n7ory@primenet.com
Message-ID: <4uvje2$6mc@nnrp1.news.primenet.com>
Source record: 218877

KD1YV <jimkd1yv@ix.netcom.com> wrote:

>> .-- . - .- -.-. .-.. ..- . .-.-.-

>Wet a clue? I'd rather not! Us liberals have more self-control than that.

Why I'm shocked! You did notice. And if liberals had all the self control you talk about, Clinton would have kept his pants up, mouth shut and not have married Hillary. But as you can see, that is not the case.

>> Bob Dole - Simply because any Republican is better than Clinton.

>Gee, Republicans are such sore losers. I bet you thought that Nixon was a great
>President, and therefore must have been innocent.

Sure, just as Bill and Hillary must be innocent too! Looks like MacDougal (Sp?) is going to talk after all..

Who is sore? We haven't lost anything, except in higher taxes, less freedom and less privacy since the last election. Why, Republicans just started to set things straight.

>Jim, KD1YV

Good day.

Rob Neff (N7ORY)

1044. Re: Mr Happy should be happy SOME of the time.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4uv6dv$rsj@freenet-news.carleton.ca>
Source record: 218878

```
Burt Fisher (kotzebue@juno.com) writes:
> Mark G Robinson wrote:
>
> But not all the time.
> Of course in hams Mr. Happy lies limp.
>
> #================#=========================================================#
> | Burt Fisher | Teacher of video, broadcasting and electronics |
> | Amateur call | South Dennis, Ma. (Cape Cod) |
> | K1OIK | Mr. Happy should not be happy all the time. |
> #================#=========================================================#
> | k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
> #=====================================================================#

And in A/V teachers Burt? Mr Happy's not so happy when the police call.
```

1045. Re: WA8IMO wants to know !

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: lsm@tir.com
Message-ID: <4uvo6d$sfk@ramp2.tir.com>
Source record: 218879

Most hams have NO CLUE what happens on a real scene; what PD/FD responders need or want from outside agencies in terms of assistance, communications related or otherwise. That RACES/ARES card does not buy you any legitimacy with most emergency personnel, unless you ARE or have been one.

So when some Joe Ham asks a somewhat legitimate question he gets flamed by the holier than thou extra's who think their 1X2 or 2X1 callsign makes them all knowing.

If it takes someone EXPLAINING why they would have a legitimate use for a modified radio to an EXTRA CLASS ham, then I would question that individuals grasp of the real world.

If your not a chef, then don't comment on the quiche.....

73

1046. GB2RS News 18th August 1996

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: David Hough <dave@llondel.demon.co.uk>
Message-ID: <840159825snx@llondel.demon.co.uk>
Source record: 218880
Cross-posted to: uk.radio.amateur,rec.radio.info,rec.radio.amateur.misc

Good morning. It's Sunday the 18th of August and here is the GB2RS news broadcast, prepared by the RSGB and intended for all radio amateurs and short-wave listeners.

And we start this week with the news that next weekend, the 24th and 25th of August, is the Historic Scotland weekend, when ten special event stations will be on the air from historic sites around Scotland. Each station will be active from 0800UTC Saturday until 1700UTC Sunday, mainly on 20, 40 and 80 metres SSB. Details of the callsigns and location of the stations can be found on page 94 of this month's RadCom, but please note that unfortunately GB2HSA will not be active. For full details, contact Mike Dalrymple, GM4SUC, whose address is correct in the Call Book, or phone him on 01292 443127.

A new 50MHz propagation beacon is now operational. As part of an experiment by the RSGB Propagation Studies Committee, Chris Deacon, G4IFX, of Darlington, County Durham, has been granted permission by the RA to use the callsign GB3IFX for his 50MHz tropospheric tests. The beacon transmits on 50.275MHz, on the hour, every hour, in 30 second bursts during which the callsign and time are sent twice.

Emley Moor 70 centimetre beacon GB3MLY on 432.910MHz returned to service on the 27th of July, having been off the air for about three months. It is now using a new ruggedised 6-element Yagi antenna beaming at 170 degrees. Any reports should go to Peter Blakeborough, G3PYB.

Listeners to the 2 metre GB2RS news broadcast at 9.30am local time in Cornwall should note that from the 1st of September it will be made through the north Cornwall repeater on channel R5 and not on S21. This will be for a trial period of four months. Reports will be welcomed either by the newsreader or direct to GB2RS manager Ian Kyle, GI8AYZ, whose address is correct in the RSGB Call Book. The purpose of the experiment is to improve coverage in this difficult terrain.

Jamboree On The Air takes place this year over the weekend of the 19th and 20th of October. All those applying for a GB special event callsign for Jamboree On The Air will receive a free 'JOTA Pack' containing lists of participating stations and countries permitting third-party greetings messages plus a newsletter from the Scouts Association. Groups intending to operate during Jamboree on the Air using club station callsigns with prefixes such as GX or GS should inform Eva Telenius-Lowe at RSGB headquarters by the 4th of October if they also wish to receive a free JOTA Pack.

The Radiocommunications Agency has agreed to a rise in the fees for Morse code tests. From the 1st of September the new rates will be 20 for the 12 words per minute test and 15 for the 5 words per minute Morse code test.

The Chairman of the RSGB VHF Contests Committee, Steve Thompson, G8GSQ has recently changed address and phone number. Steve, who was formerly GW8GSQ, can now be contacted at PO Box 2399, Reading, RG7 4FB. His phone number during evenings and weekends only is 0118 982 0848. At other times this line is switched to a fax machine. Steve can also be contacted by e-mail - g8gsq@blacksheep.org.

Now some items of HF DX news from the weekly RSGB DX News Sheet, edited by Chris Page, G4BUE:

From Madagascar, F6AJA is visiting 5R8EN and plans to be active either with that callsign or with a personal call from today, the 18th of August, until the 8th of September.

From Liechtenstein, a large German group will be active using the HB0 prefix in front of their own calls from Saturday the 24th of August until the end of the month. Activity will be on all bands including 6 metres, 2 metres, 70 centimetres and satellite.

And from Luxembourg, Fraser, G4BJM, will be active as LX/G4BJM/P on CW for one week from today, Sunday the 18th.

Next the Rally News:

The Red Rose Rally takes place today, Sunday the 18th of August, at Horwich Leisure Centre, Church Street, Horwich, near Bolton, just off junction six of the M61. The event features a bring and buy sale, special interest groups and an RSGB stand. Doors open at 11am, or 10.30am for disabled visitors.

The Great Eastern Rally also takes place today, Sunday the 18th, at the Cattle Market, Hardwick Narrows in Kings Lynn, Norfolk. This event also features an RSGB book stall and membership information stand, as well as an indoor exhibition and outdoor car boot sale. Doors open at 10.00am or 9.45am for disabled visitors, and talk-in is on 2 metres channel S22.

The Cardiff Amateur Radio and Computer Fair takes place at the Star Sports and Recreation Centre, Splott, in Cardiff today, Sunday the 18th. Doors open at 10.30am.

Coleraine and District Amateur Radio Society are holding a radio rally next Sunday, the 25th of August, at the Lodge Hotel in Coleraine. Doors open at 12.00 noon and for further details contact John, MI0AAZ, on 01265 54930.

The Stroud Amateur Radio Society car boot sale and radio rally is next Sunday the 25th of August. Details from G0PKJ on 01453 836206.

The Galashiels and District Amateur Radio Society's open day and rally takes place next Sunday the 25th at the Volunteer Hall, St John's

Street, Galashiels. Doors open at 11.00am at further details can be obtained by calling 01896 850245.

The Torbay Amateur Radio Society rally is held at Torbay Leisure Centre, Clennon Valley, Paignton from 10.00am next Sunday the 25th. For details ring 01803 214445.

Huntingdonshire Amateur Radio Society are holding their annual August Bank Holiday Monday Rally on the 26th of August at The Ernulf Community School, St Neots, Cambridgeshire. The event features a car boot sale and a large hall with traders. Doors open at 10.00am and talk-in will be on 2 metres channel S22. For further details contact David Leech, G7DIU, on 01480 431333.

And Swansea Amateur Radio Society are also holding an amateur radio and computer show on Monday the 26th of August in Singleton Park, Swansea, as part of the Swansea City and Council Summer Show. Doors open at 11.00am and for further details you can contact Roger, GW4HSH, on 01792 404422.

Now for the contest news:

The South-East Asia 'SEANET' SSB Contest is taking place this weekend, the 17th and 18th, and ends at midnight UTC tonight, Sunday. Brief rules can be found on page 23 of the July RadCom.

The Worked All Britain 144MHz QRO Phone contest will be on Sunday the 15th of September and not on the 8th of September as previously advertised. Full details are available from the WAB Contest Manager, Graham Ridgeway, G8UYD, whose address is not correct in the 1996 Call Book. Graham's address is 6 Rosewood Avenue, Blackburn, Lancashire, BB1 9SZ.

The RSGB 432MHz Fixed Station Contest takes place this evening, the 18th, from 1700 to 2100 UTC. The rules were in last September's RadCom.

Next Sunday, the 25th of August, the fourth of six sessions in the RSGB 10GHz Cumulative Contest takes place between 0900 and 2100UTC. The rules were published in the March 1996 RadCom.

And now the solar factual data for the period from the 5th to the 11th of August, compiled by Neil Clarke, G0CAS:

Solar flux levels averaged 72, and the 90-day solar flux average on the 11th was 71 units. X-Ray flux levels declined every day and averaged A4.5 units. Geomagnetic activity remained 'quiet' and averaged Ap 6 units. Solar wind data for the period from the 29th of July to the 4th of August saw solar wind speeds up to 610 kilometres per second on the 1st and the 2nd, otherwise levels were normal at 380 kilometres per second. Particle densities declined to 'below average' at only 5 particles per cubic centimetre. Bz hovered around zero nanoTeslas most of the time.

Now the ionospheric data for Central France, for the period from the 2nd to the 8th of August. The F2 daytime critical frequencies averaged 6.2MHz, although on the 8th they were very low at only 5.3MHz. The darkness hour lows averaged 3.0MHz. The daytime highs took place at 2000 hours every day except on the 3rd and 6th, when they were before midday. The darkness hour lows took place between 0300 and 0400 hours. 11 hours of blanketing E was reported by Meudon.

And lastly the solar forecast. This week the quiet side of the sun is expected to be looking our way. The active side of the sun will be rotating into view next weekend, although its effect won't be felt until the following week. Solar activity is expected to be very low, and the solar flux is expected to be in the mid to high 60s, although it is expected to increase next weekend. Geomagnetic activity is expected to be mostly 'quiet'. The MUF during daylight hours at equal latitudes is expected to be about 19MHz for the south and 16MHz for the north. The darkness hour lows are expected to be about 10MHz.

And that's the end of the solar information.

Finally in the main news, SSL has informed the Society that as of last Wednesday morning, the latest callsigns allocated were in the M0 Alfa Juliet and M1 Alfa X-Ray series, and Novice calls in the 2 0 Alfa Oscar and 2 1 Foxtrot Golf series.

--
GB2RS is prepared by the Radio Society of Great Britain.
Tel +44 1707 659 015
Fax +44 1707 645 105
http://www.rsgb.org.uk/

1047. Re: "GMRS Personal Radio?" What is that?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: bobkruk
Message-ID: <4uvrtv$25d@lou.teclink.net>
Source record: 218881

Steve Bramham <steve.bramham@turner.com> wrote:

>The GMRS service allowed both personal and business communications at
>first.

My understanding was that on-air content was not limited to personal matters, but that licensing was, meaning that GMRS could be used for business communications, but licenses had to be obtained on an individual basis, the grandfather clause being the only exception. Is this incorrect?

1048. Re: Ham Radio in Phenomenon

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <4uvijg$o2u@usenetp1.news.prodigy.com>
Source record: 218882

adamkern <adamkern@tiac.net> wrote:
>
>In the movie "Independance Day" you see ham radio operators (really
>military personnel) using CW to save the world.

Yeah. Hollywood is still putting out good FICTION movies these days,
aren't they?

-Drew in Sunny Central Florida-
KF4DDM

1049. Re: Truckers on 14.3025

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: lewis@phoenix.net
Message-ID: <lewis-1508961751110001@news.phoenix.net>
Source record: 218883

In article <rik-1508960852380001@grail1002.nando.net>, rik@nando.net (Henrik Rasmussen) wrote:

> Has anyone ever had any luck asking the truckers on 20 meteres to turn >down their mike gain? These guys run their rigs like cb radios with >amplified mikes running wide open and splatter +/- 10khz.

You must have caught them on a bad day or someone with a bad mic. I've listened to those guys on several occasions and they aren't makeing nearly the mess that the bunch on 14.300 are. I listened for there splatter after someone complained a couple of weeks ago. At my location I didn't notice any. What I did hear before I kicked in the next filter was quite a bit of bleed over from 14.30 and 305. These guys were kinda caught in the middle.

That day someone demanded that they go "somewhere" else and play. Easier said than done. These people are friends and are traveling all over the USA. This is the scheduled meeting place and they have as much right to that spot as the people attempting the same kind of things on surrounding frequencies.

I hope that they don't bother you as much in the future, but remember to be tolerant. They are trying to make the most of their lives, jobs, and hobbies and doing it the best way that they can.

73's

Lewis

--
Lewis P. Stephens Jr. KM5BH (Amateur Radio Callsign)
Amber, Inc. CLARC (Clear Lake Amateur Radio Club)
lewis@phoenix.net NAMU (NASA Area Macintosh Users)
LewisS3@AOL.com
73404.1403.compuserve.com

1050. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: Jeff King <jeff@mich.com>
Message-ID: <321372FE.5999@mich.com>
Source record: 218884

Jack <@sullivan.vf.mmc.com> wrote:
>
>
> Hey Burt, do you know what really worries me about you?
> You have the ability to poison young minds with your school
> teaching. Kids are brought up to respect teachers and not
> question them. How are they to know that yours is not the
> only view of the world?

Excuse me? Some of the best teachers I ever had ENCOURAGED
the student to question them. I think this makes the best
student <> teacher relationship possible. I've never had a
problem questioning a teacher, and quite frankly, most of them
welcome it.

This promotes independent thought and the ability to question others
(and mankinds) spin on the world.

> You remind me of W2NSD and his editorials; he doesn't know how to
> respect someone elses' opinions.
> de Jack N2MPU

Yeap, at times Burt does remind me of Wayne Green, W2NSD also. W2NSD,
in his editorials in 73 Magazine, often went against the "ham radio
collective" opinion/mindset. If you were able to finish his editorial,
it often made you think and question the status quo. It appears this
is painful for many people.

-Jeff wb8wka
jeff@mich.com

1051. IPS Daily Report - 15 August 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <4v0bti$jsp@flare.syd.ips.oz.au>
Source record: 218885
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 15/2330Z AUGUST 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 15 AUGUST AND FORECAST FOR 16 AUGUST - 18 AUGUST

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 68/2

GOES satellite data for 14 Aug
Daily Proton Fluence >1 MeV: 1.1E+06
Daily Proton Fluence >10 MeV: 1.9E+04
Daily Electron Fluence >2 MeV: 9.3E+05 (normal)
X-ray background: A2.1
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
16 Aug 17 Aug 18 Aug
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 16 Aug: 68/2

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Quiet to unsettled

Estimated Indices : A K Observed A Index 14 Aug
Learmonth 6 2222 2211
Fredericksburg 12 13
Planetary 10 11

Observed Kp for 14 Aug: 2223 4333

2B. MAGNETIC FORECAST
Date Ap Conditions
16 Aug 6 Quiet to unsettled
17 Aug 5 Quiet
18 Aug 5 Quiet

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band

Date Low Middle High
15 Aug Normal Normal Fair-Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
16 Aug Normal Normal Normal
17 Aug Normal Normal Normal
18 Aug Normal Normal Normal
COMMENT: Blanketing sporadic E observed at Townsville during
the period 00 - 10 UT on 15 August may have effected HF comms
at low latitudes.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
15 Aug 3

Observed Australian Regional MUFs:
Darwin: 15 - 30% depressed for the period 01-07UT, otherwise
near predicted monthly values.
Townsville: Blanketing sporadic E during the period 00-10UT,
otherwise near predicted monthly values.
Sydney and Hobart: Near predicted monthly values.

Predicted Monthly T index for August: 10

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
16 Aug 10 near predicted monthly values
17 Aug 10 near predicted monthly values
18 Aug 10 near predicted monthly values

--
IPS Radio and Space Services | email: rwc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/rwc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/rwc/
tel: +61 2 94148300 | fax: +61 2 94148331

1052. Re: IC-M600 Ham band conversion info needed

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: clarke@aztec.asu.edu
Message-ID: <4v0b4a$jmb@news.asu.edu>
Source record: 218886

----- snip -----

I have an IC-M600 I would like to modify to transmit in the ham bands.
Could someone email conversion info to me please?

Thanks,
WA1KRX

Doug

----- snip -----

You don't need any modifications. Just program the frequency as
you would any other.

Jack VE3EED/W7
--

1053. Re: West Coast Blackout

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: jaminge@pb2esac.esac.pacbell.com
Message-ID: <4v093s$9fb@gw.PacBell.COM>
Source record: 218887

In article <4uqime$7v$1@mhafn.production.compuserve.com>,
Peter Coffee AC6EN <72631.113@CompuServe.COM> wrote:
>
>TORRANCE, CALIFORNIA, 12 AUGUST 1996
>
>When the lights went out on August 10, all over Los Angeles
>County, there wasn't any point in trying to phone home. Both
^^^^
>wired and cellular phones were immediately saturated, and
^^^^^ ^^^ ^^^^^^^^ ^^^^^^ ^^^^ ^^^^^^^^^^ ^^^^^^^^^ ^^^
>generally unable to complete attempted calls. Within minutes,
^^^^^^^^^ ^^^^^^ ^^ ^^^^^^^^ ^^^^^^^^^ ^^^^^
>however, ham radio operators throughout the area were following
>practiced emergency procedures, on the air and giving public
>safety agencies detailed reports on the developing situation.

[edited a bunch]

>situations like this past weekend's. The proof, however, only
>comes in a real-world unscheduled test. Ham radio and the
>Disaster Communications Service demonstrated once again that Los
>Angeles County has communications that it can count on.

Peter,

First let me say I am NOT speaking for my employer, Pacific Bell.
This is just my personal message.

That said, I have to wonder out loud about your assertion that the
phone systems didn't perform, for whatever reason, call load, or
equipment problem. Is this a fact, or just the usual assumption?

I made numerous calls from my home with no problems during the
power outage. I was in touch with Pacific Bell's emergency control
center, and with ESAC personnel who would have been called in the
event that any central office didn't provide service adequately.
Through all that, I was unable to find any report of interruption.
Not even one. We who try to provide the service take exception to
any blanket assertion that "the phones were out" or "the system was
overloaded", if it wasn't true.

The phone system does indeed have its limits on capacity. There
is no getting around that. During major earthquake situations,
the demand is just too great. To engineer a system with that
much capacity would be prohibitively expensive to the public.
As far as I was able to observe, the power outage did not present

that kind of a challenge to the system.

BTW: I'm a DCS member in LA County myself, and I agree with your assessment that DCS has proved itself again. DCS work is often boring and thankless, but these hams always come through.

73 de John, AC6VV, (DCS: Z-148)
Los Angeles
<jaminge@pacbell.com>

1054. When does gate 2 open?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: Grover Cleveland <groverc@shasta.gvg.tek.com>
Message-ID: <3213B0FD.35FF@shasta.gvg.tek.com>
Source record: 218888

? Gate 2 - any hints as to when?

Grover WT6P

1055. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: n7ory@primenet.com
Message-ID: <4uvhre$4m6@nnrp1.news.primenet.com>
Source record: 218889
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

Gary Sanders <gsanders@midwest.net> wrote:

>Cancer isn't any fun.

>Sure, I know I'll get flamed, because I don't _know_ that the cancer
>was caused by the HT's, but then again, I don't _know_ that thay
>_didn't_ cause it.

Well, I just lost my mother 2 months ago to breast cancer. She was not a ham, and you could not get her to even pick up a mic. It came on suddenly and ended suddenly. Started with a small lump in Jan 95, ended in death June 96. Cancer isn't funny, nor is blaming something for causing it without proof.

I saw what my mother went through, and wouldn't wish that on anyone. I hope you have much better luck, which I'm sure you will.

Perhaps the use of an HT helped keep the cancer cells at lower level than they would have been without it?

Just a thought.

Take care..

Rob Neff (N7ORY)

1056. Re: Icom-735 question.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: mike guest <mguest@pop.clandjop.com>
Message-ID: <4v0d4j$1u9@news.clandjop.com>
Source record: 218890

1.remove power and antenna
2.remove screws and open top cover
3.remove screws and set PA unit aside
4.locate diodes D33 and D34 on the top of the PLL circuit board
5.cut the teflon covered leads of Diodes D33 and D34
6.reassemble the radio
I know it works. Good Luck Mike

1057. Re: FS: All Ham Bands, Reply to Republican Congress

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: Steve Ickes <thbizlk@pop.erols.com>
Message-ID: <3213C3F6.6B28@pop.erols.com>
Source record: 218891
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.amateur.policy

Steve Sampson wrote:
>
> T E I X E I R A wrote:
> >
> > >Socialist, communist pimps... Only a moron would claim to be
> > >a democrat.
> > >
> > >Steve
> >
> > With the likes of people like Nixon, Regan, Bush, Gingrich, Buchanon, Limbaugh and the
> > Watergate Gang.....Do you still want to associate with the Republicans????? We sure
> > have short memories. d8-)
>
> Elephants have good memories. Like the fact Clinton was a draft
> dodger and a pimp. At least Nixon got caught in only a cover-up,
> Clinton got caught with the whole fucking FBI files. And that
> asshole Panetta (or whatever the pimp spells it) saying Gingrich
> lied when he said that the White House staff all had clearance
> problems because of recent drug use. Turns out the spokesman was
> the biggest pimp of them all.
>
> Only a moron would claim to be a democrat...

Let's face it, both the Dems and Repubs have had their fair share of problems and crooks along the way. What started this was the posit that the Repubs were going to sell off the hams bands. My contention was that the Repubs were no more likely to do it than the Dems. And that the info put out by the ARRL was in error.

Unfortunately, that discussion turned into a political discussion (rather than any counter or refute to my original comment)which has minimal relevance (if any) in these news groups.

S

1058. Packet software

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: Scott Vicini <kd6fvj@best.com>
Message-ID: <01bb8af2$0f387ea0$1f5956ce@kd6fvj.vip.best.com>
Source record: 218892

Does anybody have a copy of the new PcPakratt for windows? I would like a copy of it if I can.
kd6fvj@best.com

1059. Height Above Average Terrain

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: Steve Smith <kc6wrd@fix.net>
Message-ID: <4v05oi$mol@twizzler.callamer.com>
Source record: 218893

Does any one know of a good source for information on calculating the HAAT of a repeater site? Is their something on the web or is their a good software program available? Any information is greatly appreciated!

73's

1060. Re: Anyone know what Motorola MUX stands for?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: jaminge@pb2esac.esac.pacbell.com
Message-ID: <4v06uc$82r@gw.PacBell.COM>
Source record: 218894

In article <4utkc7$pi1@hptemp1.cc.umr.edu>,
Scott Sidener <sidener@crunch.nuc.umr.edu> wrote:
>Hi, I just found out that I have a Motorola Micor that has duplex/MUX
>
>I was wondering what MUX meant.

Scott,

In the telephone business, MUX is short for multiplexor.
Yeah, I know..... so what's a multiplexor do? ;-)

-John, AC6VV
<jaminge@pacbell.com>

1061. Re: Mr Happy should be happy SOME of the time.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <3213CA37.1D13@juno.com>
Source record: 218895

Frank Sved wrote:

> And in A/V teachers Burt? Mr Happy's not so happy when the police call.

Hey if you think you know something, spill it out.
But if you value your life as it is today, be truthful.
I have been down this road before and burned some people.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#================#===#

1062. Re: Antenna Driving me nuts

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: KD1YV <jimkd1yv@ix.netcom.com>
Message-ID: <3213DD20.101F@ix.netcom.com>
Source record: 218896
Cross-posted to: alt.ham-radio.am,alt.ham-radio.fm,alt.ham-radio.ssb,alt.ham-radio.vhf-uhf,rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.dx,rec.radio.amateur.equipment

>I cannot get the SWR reading below 6:1.

Probably a bit late to be joining in the fray, but what are you using for insulators, most particularly the center insulator. The reason that I ask is that I recently read that some PVC compositions can be _conductive at RF_. Now that's nasty, eh? I often use PVC pipe for small antenna projects.

I can't remember where the article was, but it suggested an easy way to check your particular piece of PVC. Put a glass of water (as a "safety valve") and a small piece of the PVC into your microwave oven. Turn it on high for 1 minute. Check the PVC for any noticable warming (to the touch.) If not, repeat immediately for a second minute. If still no warming, then the PVC is usable for your antenna projects.

73 de Jim, KD1YV

1063. Re: Truckers on 14.3025

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: rik@nando.net
Message-ID: <rik-1508962354180001@grail1611.nando.net>
Source record: 218897

>You must have caught them on a bad day or someone with a bad mic. I've
>listened to those guys on several occasions and they aren't makeing nearly
>the mess that the bunch on 14.300 are.

The wide open amplified mikes are awful. I'm not sure they know it. I
agree that most are OK, a few bad apples spoil the barrel. The old guys on
14.300 don't cause any problem for me with splatter.

I listened for there splatter after
>someone complained a couple of weeks ago. At my location I didn't notice
>any. What I did hear before I kicked in the next filter was quite a bit of
>bleed over from 14.30 and 305. These guys were kinda caught in the middle.

I enjoy listening to the truckers. As far as I am concerned they are using
the airwaves for a much more better reason than a lot of the junk you hear
today. (14.313)

>That day someone demanded that they go "somewhere" else and play. Easier
>said than done. These people are friends and are traveling all over the
>USA. This is the scheduled meeting place and they have as much right to
>that spot as the people attempting the same kind of things on surrounding
>frequencies.

I agree, although I think another 500hz up from 14.300 wouldn't be too
much to ask. It may be the truckers and their buying power that ends up
saving ham radio.

>I hope that they don't bother you as much in the future, but remember to
>be tolerant. They are trying to make the most of their lives, jobs, and
>hobbies and doing it the best way that they can.

No problem here. You notice I was looking for a way to ask for it without
upsetting anybody. I hate it when you try to tell somebody something
constructive and they get mad at you. There is an old guy on 14.300 who
transmits about 100hz low and sounds lousy because of it. If you mention
it he gets all upset.

73

Rik

--
Rik Rasmussen rik@nando.net http://www.webbuild.com/~rik/ Raleigh NC USA amateur radio
WA4BAN

1064. Re: Height Above Average Terrain

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: "Howard M. Ginsberg" <h.m.ginsberg@worldnet.att.net>
Message-ID: <3213C2DB.75EF@worldnet.att.net>
Source record: 218898

Steve Smith wrote:
>
> Does any one know of a good source for information on calculating
> the HAAT of a repeater site? Is their something on the web or is their
> a good software program available? Any information is greatly
> appreciated!
>
> 73's

Try "Dataworld" in the Bethesda, MD or Washington, DC area.
If you give them the coordinates of the site, their computer will spit it out for you.
I am not sure of their present charges and I don't have their toll-free number.
Try 800-directory assistance.
Ask for John Neff when you get through.
--
Howard M. Ginsberg, NW1N/4

1065. Re: FS: All Ham Bands, Reply to Republican Congress

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: Steve Sampson <ssampson@oklahoma.net>
Message-ID: <3213B33B.52423BDA@oklahoma.net>
Source record: 218899
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.amateur.policy

Avatar wrote:
> What does this have to do with Ham radio?

It doesn't have anything to do with it. Much like your question.

1066. Re: FCC Ruling Prohibits Unreasonable Restrictions on TV Antennas

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: bstroupe@neosoft.com
Message-ID: <bstroupe.34.01382803@neosoft.com>
Source record: 218900
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwaverec.radio.amateur.misc

In article <4u8u23$c39@news.accessone.com> vbook@vbook.com (Ed Mitchell) writes:
>From: vbook@vbook.com (Ed Mitchell)
>Subject: FCC Ruling Prohibits Unreasonable Restrictions on TV Antennas
>Date: 7 Aug 1996 02:12:19 GMT

>***** Breaking News Story *****
>FCC Ruling Prohibits Unreasonable Restrictions on TV Antennas
>by Ham Radio Online, 7 August 1996

>In a major ruling, the FCC declared void local laws prohibiting
>or restricting the use of small wireless dish antennas.
>More significantly, the FCC declared that use of small dish
>antennas and television receiving antennas can not be restricted
>by "any private covenant, homeowners' association rule or similar
>restriction on property within the exclusive use or control of
>the antenna user". Under the federal pre-emption, all homeowners
>must be allowed to install TV antennas. Longer term this ruling may
>have important ramifications for eliminating restrictions on Amateur
>Radio antennas.

>Ed (KF7VY) and Kim (N7VPL) Mitchell
>email to vbook@vbook.com
>Visit Ham Radio Online, it's free! at
>http://www.hamradio-online.com

Nice try guys, but I might wait a while before starting construction of that
favorite "look alike" antenna. This one is DEFINITELY going to end up in
court as has been discussed on several broadcasting list severs because the
FCC is trying to preempt deed restrictions and every homeowners association
is against this. Just waiting for the fireworks to begin.

Bob Stroupe
WB5JWN
Chief Engineer
KKBQ AM/FM

1067. Re: FCC Ruling Prohibits Unreasonable Restrictions on TV Antennas

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: n9jig@TheRamp.net
Message-ID: <n9jig-1508962030430001@0.0.0.0>
Source record: 218901
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwaverec.radio.amateur.misc

Does anyone have the text of this ruling? I am trying to get my townhouse association to allow a DBS dish and a discone for scanning on my roof, and this may help push me over the edge as it were...

--
Rich Carlson, N9JIG (n9jig@TheRamp.Net)

ScannerMaster Illinois Communications Guide (800) 722-6701

CARMA (Chicago Area Radio Monitoring Association) BBS (630) 852-1292
PO Box 2681, Glenview IL 60025 SASE for sample newsletter.

1068. READ THIS NOW!!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: pmcdaddy@usit.net
Message-ID: <4v18hd$l35@news.usit.net>
Source record: 218902

Turn a measly $5 into $50,000!

Taking 5 minutes to read this text may be one of the best decisions you

ever made.

I could make $50 000 within 4 weeks for an investment of only $5. I

thought it was a huge joke! I spoke to my friends about it

and they thought likewise. But after three days of desperate struggle

I decided I had nothing to lose.

My family and I sent $1 by snail mail to each of 5 names and addresses

specified in the article. We then

placed our own name and address in the article and posted it in 200

other newsgroups.

Two weeks later, I started receiving money in the mail! I could not

believe it! Hundreds of dollars turned into thousands, and in the 4

weeks,

I received a total of $53,654. It came from all over the world.

If you follow the 3 steps below, there is no reason whatsoever why the

same shouldn't happen to you. This is a perfectly legitimate investment

opportunity. You invest $5 and you receive a return on your investment.

So does the next investor. NOT ILLEGAL, NOT A CHAIN LETTER - PERFECTLY

LEGITIMATE!

OBVIOUSLY, IF YOU ARE NOT INTERESTED, THEN DON'T PARTICIPATE. BUT

PLEASE

PRINT THIS ARTICLE AND GIVE IT TO SOMEONE WHO MAY WISH TO TAKE

ADVANTAGE.

The procedure is very simple.

STEP 1. Write your name and address on 5 separate pieces of paper with

the words "PLEASE ADD ME TO YOUR MAILING LIST". Fold a $1 note or money

order or bank draft in each of the pieces of paper and mail them to the

following five addresses:

****

1. Qunwei Yu, 11405 Tiverton Court , St.Louis, MO 63146

2. Nat Heatwole, 7550 Damascus Rd., Gaithersburg, MD 20882

3. Jeff Katz, 7 Seir Hill Rd, #41, Norwalk, CT 06850

4. Eric Johnson 14817 Holden Circle, Horizon TX, 79927

5. Patrick McElroy 818 Hollow Creek Dr. Newbern, TN. 38059

****

STEP 2. Now remove the 1st name on the list, move the other 4 names up

(5 becomes 4, 4 becomes 3 etc) and put your name and address as number

5 on the list. You can do this by re-typing this article or simply

editing and re-posting it in this or another newsgroup.

STEP 3. Post your amended article to at least 200 new groups (there are

17 000 of them).

You are now in the Mail Order Investment Business and you will start

receiving $1 returns by mail within a week or two. The more newsgroups

you post to, the bigger your return will be. You may want to rent a

Post

Office Box to handle the volume of mail you are likely to receive.

If you wish to remain anonymous, you can use a pseudonym such as

"The Manager" or "The Investor", but make sure your address is correct!

NOW LET ME TELL YOU WHY THIS SYSTEM WORKS!

Of every 200 postings I made, I received an average of 5 replies, YES
-

ONLY 5, each with a $1 bill enclosed. You make $5 for every 200

postings WITH YOUR NAME AT NUMBER 5.

Each person who sent you $1, now also makes let's say,only 200

additional postings WITH YOUR NAME AT NUMBER 4, i.e. 1000 postings.

On average therefore, 50 people will send you $1 with your name at

number 4. You make $50.

Your 50 new agents make 200 posting each WITH YOUR NAME AT NUMBER 3

or 10 000 postings - average return 500 at $1 each is $500. They

make 200 postings each WITH YOUR NAME AT NUMBER 2 = 100 000 postings

= 5 000 returns at $1 each = $5 000.

Finally, 5 000 people make 200 postings each WITH YOUR NAME AT NUMBER
1

and you get a return of $50 000 before you name drops off the list.

AND THAT'S IF EVERYONE DOWN THE LINE ONLY MAKES 200 POSTINGS! Total

income in one cycle = $55 500.

From time to time, when your name is no longer on the list, you take

the latest posting that is appearing in the newsgroups, SEND OUT

ANOTHER $5 TO THE NAMES THAT ARE ON THE LIST, PUT YOUR NAME IN

AT NUMBER 5 AND START POSTING AGAIN. Remember, 200 postings is only

a guideline. The more you post, the greater the return.

Let's review the reasons why you should do this: THE ONLY COST
FACTORS

ARE 5 STAMPS, 5 ENVELOPES, AND 5 $1 BILLS. Anyone can afford five

dollars to put into such an effortless investment with SPECTACULAR

RETURNS.

Some people have said to me "What happens if the scheme is 'played

out' and no one sends me any money"? Big deal! So you lose $5 - but

what are the chances of that happening?

Do you realise how many Internet Users there are? Do you realise how

many times this scheme can be utilised over and over again - with COMPLETELY NEW people participating?

There are not HUNDREDS, NOT EVEN THOUSANDS, BUT HUNDREDS OF THOUSANDS OF NEW INTERNET USERS EVERY MONTH!

Remember, read the instructions carefully and play FAIRLY...that's the only way this will work. Get a printout so you can refer back to this article easily.

Try to keep a list of everyone that sends you money and always keep an eye on the newsgroup postings to make sure everyone is playing fairly. You know where your name should be.

1069. Mr Happy should be happy SOME of the time.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-15 00:00:00 UTC
From: Mark G Robinson <robotech@ihug.co.nz>
Message-ID: <3212E87D.6B08@ihug.co.nz>
Source record: 218952

--
Mark G Robinson | ZL2TOD@ZL1AB | +64-9-846-3296
robotech@ihug.co.nz | Box 8770, Auckland 1035, New Zealand

1070. Re: how can I broadcast on FM radio?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: Dave Potter <Dave.Potter@guardian.brooks.af.mil>
Message-ID: <4v2kvo$5qb@xenon.brooks.af.mil>
Source record: 218753
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,rec.radio.amateur.misc

ia514@cleveland.Freenet.Edu (Dave Bryndal) wrote:
>
>buy a "Mr. Microphone"

Ur bad, Dave

73s

Dave Potter
KC5UDZ

1071. Re: West Coast Blackout

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: Curtis Wheeler <cwheeler@ccnet.com>
Message-ID: <4v2mdv$mfb@gaudi.lahabra.chevron.com>
Source record: 218754

w6go@netcom.com (Jay O'Brien - W6GO) wrote:
>John Minger (jaminge@pb2esac.esac.pacbell.com) wrote:
>
>: Peter Coffee AC6EN <72631.113@CompuServe.COM> wrote:
>: >When the lights went out on August 10, all over Los Angeles
>: >County, there wasn't any point in trying to phone home. Both
>: >wired and cellular phones were immediately saturated, and
>: ^^^^^ ^^^ ^^^^^^^^ ^^^^^^ ^^^^ ^^^^^^^^^^ ^^^^^^^^^ ^^^
>: >generally unable to complete attempted calls. Within minutes,

[snip]

>: That said, I have to wonder out loud about your assertion that the
>: phone systems didn't perform, for whatever reason, call load, or
>: equipment problem. Is this a fact, or just the usual assumption?
>
>: I made numerous calls from my home with no problems during the
>: power outage. I was in touch with Pacific Bell's emergency control
>: center, and with ESAC personnel who would have been called in the
>: event that any central office didn't provide service adequately.
>: Through all that, I was unable to find any report of interruption.
>: Not even one. We who try to provide the service take exception to
>: any blanket assertion that "the phones were out" or "the system was
>: overloaded", if it wasn't true.

[snip]
>FROM W6GO:
>
>Having read all that, I call for anyone who was not able to make a
>telephone call during the power outage to step up and be counted.
>
>I agree with AC6VV. My power was out 4 hours and 39 minutes. I made
>over 20 calls during that time, both local and long distance. I received
>at least 10 calls during the outage. At no time was there any indication
>of a problem with the telephone service or network. EVERYONE I talked to
>on these calls also experienced a power outage. There was no indication
>from anyone that the telephone system was not working as planned and
>designed.

[snip]

Well Pac Bell better get to work in Torrance and fix that stuff. Sounds
like its all screwed up down there. ;)

Now seriously...

I was not in southern California but the lights went out here in the San Francisco area too. I was driving and didn't know anything about until a local radio station started giving initial reports of a masive blackout effecting the entire state. It was then that I noticed dead traffic lights as I crossed surface streets on the freeway.

I had paged someone from my cell phone (it worked) and she called me back from a pay in a powerless area. No problem. I made four or five other calls and received two pages. The calls had nothing to do with power failure - it was just business as usual and, "hey by the way, is your power out?"

Aside from Peter Coffee's press release, I heard no news reports of telephone service failures. Pac Bell has reported that their wireless network functioned without skipping a beat. And I can tell you that people were able to use tehir phones to call and page me.

While not trying to berate what the hams were doing, I don't think the public telecommuncications networks suffered near as bad as it was alledged.

However, I have my own theory that since the blackout occured on a Saturday, there was not as high a demand on the telephone system as there would have been during the business week. I figure most people didn't care enough about the power outage when they planned to BBQ, swim in the pool, or as I was heading out to do - sit on the aft deck of a friends boat at the Solano Yacht Club for the evening.

Pac Bell, AT&T, Cellular One, and the other similar carriers did not appear to let many people down - if any at all.

Curtis
KD6ELA / GROL / PP-ASEL

1072. Re: Did the Family Radio Service die?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: Steve Eklund <72527.01012@compuserve.com>
Message-ID: <3214DE1F.1561@compuserve.com>
Source record: 218755

duffy1 wrote:
>
> In article <9607302138172372@atdbbs.com> Clint Bradford wrote:
> >>>Didn't we hear that this newly-approved 462/467 allocation
> >>>was to be implemented in July? What has happened to it?
> >>>Was it recinded? Delayed? Re-alocated?
> > >
> > >The law of the land - unless a Petition for Reconsideration and a
> > >separate Petition for Stay were acted upon.
> > >
> > >>>Radio Shack was to be the first manufacturer of the certified
> > (though
> > >>>not type-accepted) handhelds? Any other companies joining in?
> > >
> >
> > Have seen numerous Motorola radios advertised in sporting goods
> > catalogs. Said they would be available in September. Called
> > Motorola and they gave same availability.
> >
> > >As of last week, the FCC stated that NO applications for
> > type-acceptance
> > >for the FRS were received. Bet on Tandy, Motorola, and other
> > Docket
> > >sponsors to have units on retailers' shelves for Christmas.
> > >
> > >>> Must only that new specially-certified equipment be used or
> > will old
> > >>>commercial two-way or ham-radio transceivers be usable up there?
> > >
> >
> > >It will be against the law to use anything but an
> > FCC-type-accepted FRS
> > >HT on the FRS frequencies.
> >
> > I got the biggest laugh out of the last comment. Nothing personal
> > against the writer, but "against the law" when it comes to
> > communication law means NOTHING. No one enforces the law anymore.
> > The FCC has done nothing about the CB "sidebanders" and the
> > numerous problem operators on the ham bands. As for the FRS, does
> > anybody think the FCC is going to chase down violators of the law
> > with this service....hardly!

I think you mean "freebanders", not "sidebanders". Use of single sideband
on CB frequencies is perfectly legal. If you mean the people who are

operating above and below the assigned 40 channels, then you mean "freebanders".

I agree with you about the FRS. These units are intended for very short range. In most cases they will get less than 1/2 of a mile of range. Yes, there are situations that will permit communications of many miles between FRS units. If one unit is on top of a 30 story building or on a mountain and the other is 15 or more miles away, you will still be able to talk. If both units are in and around buildings, the range will be only 1/4 of a mile or less. Either way, the FCC is not going to put out money to hire somebody to sit in your neighborhood to make sure that the FRS users obey the law.

Steve

1073. WWW Pages

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: asperges@innotts.co.uk
Message-ID: <3218dae6.22036013@news.innotts.co.uk>
Source record: 218756
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy

```
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
G4NJH Pages in the UK
----------------------------------

http://www.innotts.co.uk/~asperges/

16,500 visitors and still counting. Students, when
are you coming back for the new academic year?

Updated Aug 96
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
```

1074. FS> Great Signage Machine

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: marketizing@halcyon.com
Message-ID: <marketizing-1608961115320001@blv-pm13-ip6.halcyon.com>
Source record: 218757
Cross-posted to: rec.photo.misc,rec.radio.amateur.misc,rec.scouting.misc,rec.skiing.marketplace,rec.skiing.resorts.misc

"The Graphix 2 combines a precision electromechanical drawing device with state-of-the-art microprocessor control technology to yield a broad range of graphics."

Cuts vinyl lettering and a variety of shapes for both indoor and outdoor signage and displays. Comes with two rolls of colored tape and two copies of the manual. Good condition.

Asking $375, will consider offers.

****
PLEASE NOTE - Reply to: swhaley@soar.com
********* **********

"Reap actual opportunity, rather than only chase hopes with intentions"

Christopher Kohler|.................MARKETIZING (sm).................
Marketing Ally | The Right Things, The Right Way, The Right Time
206-649-9631 | marketizing@halcyon.com

1075. Re: West Coast Blackout

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: w6go@netcom.com
Message-ID: <w6goDw93nH.3B1@netcom.com>
Source record: 218758

Gary,
I apologize for nor explaining in my original post that I have four
phone lines. One is a fax, one is the data line, and two are voice lines.
I made only one "is your power out" call, to inquire about my
mother-in-law's health with her air conditioner out. That was the ONLY
local call I made within my telco exchange. All other outgoing calls
were either "real" long distance or into the Sacramento exchanges.
I hope this answers your concerns about what I was doing when the
power was off. By the way, I was alerted to the power outage by a call
to my cell phone (on Airtouch) from my home alarm system and I
high-tailed it home to work on trying to restore the PacketCluster backbone.
Again, I am aware of ***NO*** Pac Bell outages during the power
failure that could be attributed to the power failure.
Jay
w6go@netcom.com

Gary Watts (gwatts@qni.com) wrote:

: Jay,
: You sure was busy > 30 phone calls in 4hs 39min
: Hummm lets see.. that is about one call every 10 min ..
: Were these call emergency in nature?
: Maybe you were making calls all local to your serving co that did
: not rely on using the inter machine trunks
: No wonder why the phone company want us to pay by the call and on a
: meter basis...
: One call every 10 min.. Jay it was only the lights that went out
: relax.. dont call all of your friends to see if they have electric
: save the resources for the REAL EMERGENCIES.. and last but not least
: Take a DIP ! but dont let your fingers do the walking :-)

: >
: > FROM W6GO:
: >
: > Having read all that, I call for anyone who was not able to make a
: > telephone call during the power outage to step up and be counted.
: >
: > I agree with AC6VV. My power was out 4 hours and 39 minutes. I made
: > over 20 calls during that time, both local and long distance. I received
: > at least 10 calls during the outage. At no time was there any indication
: > of a problem with the telephone service or network. EVERYONE I talked to
: > on these calls also experienced a power outage. There was no indication
: > from anyone that the telephone system was not working as planned and
: > designed.
: >

: > To cut down on the flames... Yes, I retired from PacBell in 1985, and
: > yes, I was responsible for providing technical guidance and support at a
: > corporate level to those who sized and designed the network AT THAT
: > TIME. We did the best we could then, and in my opinion, even with the
: > major changes to the industry since I left, the job of providing a
: > telephone system that will handle (minor) emergencies such as the recent
: > power outage is still being done. This is not intended to denigrate the
: > Amateur radio communications that are **VERY** necessary in a **REAL
: > EMERGENCY**, not the minor inconvenience of a few hour power outage.
: >
: > 73, Jay
: > w6go@netcom.com
: > --
: >
: >

: .

--

1076. The Winning 2M HH recommendation was

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <32150D68.19BE@juno.com>
Source record: 218759
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

I received quite a few recommendations based on my request
on the best handheld. I thanked all the senders and I decided to
get the Yaesu FT11R based on a recoomendation and a QST review.

The Alincio DJ-F1T was close.

I bought from HRO.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#================#===#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#===#

1077. Spectra line-level audio output

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: vsf@access4.digex.net
Message-ID: <4v32ff$82f@access4.digex.net>
Source record: 218760

I have tried to use pin-11 on the rear accessory connector
on the back of my Motorola Spectra to get low-level audio
out of the receiver to no avail. This is a dash-mount unit.

I see in the book where pin-11 is specified as "SP customer
applications",
so I wonder what I must do to get the audio to come out
of pin-11. Is it programming or a jumper or what?

Thanx in advance!

1078. Re: Packet Problem

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: willies <kb5tes@omnilaw.com>
Message-ID: <32143077.5E52@omnilaw.com>
Source record: 218761

Steve Sampson wrote:
>
> David Turner wrote:
> >
> > My father has a Kenwood 733-a radio and Kantronics 9612 Tnc. He is
> > using a windows program 'KAWIN'. It works fine kfine on 2meters. When
> > he enables 9600baud on 733-a he is unable to connect, ok without 9600b.
> > Unable to connect on 440 at anytime. Would appreciate help from anyone
> > using this combination (733-A,Kam 9612) with or without KAWIN.
>
> I don't know what a 733 is, but don't worry about KAWIN. First you
> have to fix the radio part, then worry about the software part. The
> obvious problem, is that the radio part isn't set up properly. First
> you need to have a 9600 capable radio (is the 733 one?), then you need
> to adjust the deviation. The simple way to adjust deviation is to start
> at minimum and keep turning up until you can connect and transfer data.
>
> Tell dad to adjust the audio, he'll know what you mean :-)

make sure that the TNC is wired correctly and that you are going to the
front of the radio at the tnc port..look in the manual for the radio and
you will also find that there is a setting for 9600 packet that must be
turned on for it to work..all levels can be adjusted with the TNC unless
there are greater problems with radio..good luck .. as a side note I
have used KAWIN with my 9600 packet and it does a great job!

Willie in Houston..KB5TES

1079. Young Extras?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: Peter Coffee AC6EN <72631.113@CompuServe.COM>
Message-ID: <4v2gab$8re$1@mhadg.production.compuserve.com>
Source record: 218762

I can't find a call sign server that can retrieve records based on licensee's birth date. Does anyone know where I could get a current list, as of this week, of Extra Class licensees born since 1980?

1080. Phono to CD/AUX on Stereo?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: tmb2320@rs1.tcs.tulane.edu
Message-ID: <4v1968$j10@rs10.tcs.tulane.edu>
Source record: 218763

Hi,

I would like to be able to plug my tv/cd/tape player
into the phono jack on my stereo receiver. I was
wondering is anyone would know where I could get such an
adaptor or how to build one.

If this isn't the right newsgroup please point me
to a better one.

Best regards and many thanks.

Sincerely,

Matt B.

1081. Re: WWW Pages

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: Dave Booth <booth@pactitle.com>
Message-ID: <32151E1B.41C6@pactitle.com>
Source record: 218764
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy

```
Jeremy Boot wrote:
>
> ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
> G4NJH Pages in the UK
> ---------------------------------
>
> http://www.innotts.co.uk/~asperges/
>
> 16,500 visitors and still counting. Students, when
> are you coming back for the new academic year?
>
> Updated Aug 96
> ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

hello Jeremy;
I have revised mine lately. still got a link to you on mine.
Hope all is going good with you.
73 dave booth
kc6wfs dm04rk
http://www.geocities.com/Hollywood/5860
--

Dave Booth
```

1082. ALBUQUERQUE, NM Hamfest - August 17 & 18

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: n5zgt@swcp.com
Message-ID: <4v31fl$oa1@sloth.swcp.com>
Source record: 218765
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap,rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.space

Well, it is that time again! It is Hamfest Season, and it is time
for the annual Duke City Hamfest! Here is all the information:

WHEN: Saturday, August 17th - Sunday, August 18th
TIMES: 8:00 AM-5:00 PM (Saturday), 8:00 AM-2:00 PM (Sunday)
WHERE: National Guard Armory, 601 Wyoming NE, Albuquerque, NM
(Near Wyoming & Copper, on east side of Wyoming)

* * FEATURES * *

* VE Testing (Saturday at 1:00 PM) * Outdoor Tailgate Swapfest
* Hourly Door Prizes * Grand Prize Drawings
* Search & Rescue Forum * Contests
* On-Site T-Hunt * ARRL Forum
* MARS Forum * AMSAT Forum
* RV Parking (Sorry, no hook-ups) * QRP Forum
* ATV Demonstration

* PACKET FORUM - Information, plus the start of NM's Packet Users
Group!!! Please sign up!

TALK-IN FREQUENCY: 147.15 (+ No PL) Repeater

* * PRIZES * *

Grand Prize: Yaesu FT-840 HF Transceiver
Second Prize: Alinco DR-150 2 meter mobile
Third Prize: Alinco 2 meter HT

* * PRICES * *

Tables without Power: $10.00 each
Tables WITH Power: $15.00 each
RV Parking: $10.00 per Night
Raffle Tickets: $2 each, 3 for $5

See everybody there!! Please E-Mail me if you need any information
before the Hamfest. Or call Judy, KC5HZE (Hamfest Corrdinator) at
(505) 891-9132 .

Best of 73,
Brian, N5ZGT

Boy Scouts of America Amateur Radio - N5ZGT
JASM -Troop 41 ARRL QRP: NorCal# 1700 QRP-L# 580

Albuquerque, N.M. Packet: N5ZGT @ KC5IZT.ALBQ.NM.USA.NA
O.A. Lodge 66 <-W-W-W-<< Internet: n5zgt@swcp.com

1083. Re: Thank you all, but . . . .

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: lrichmoem@aol.com
Message-ID: <4v3fkc$9r7@newsbf02.news.aol.com>
Source record: 218766

Check out this web site:

http://www.qrz.com

They normally have it as soon as it is available.

1084. Re: Height Above Average Terrain

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: randolph@asic.enet.dec.com
Message-ID: <4v1s88$bkg@mrnews.mro.dec.com>
Source record: 218767

In article <4v05oi$mol@twizzler.callamer.com>, Steve Smith <kc6wrd@fix.net> writes...
>Does any one know of a good source for information on calculating
>the HAAT of a repeater site? Is their something on the web or is their

Well, you could buy a USGS topographic map of the site, draw 8 radials out from the site for 10 or so miles, plot 4 or 5 points on each radial and note what contour lies under them. Now you simply average all the points.

No spiffy computer graphics, but it works. I did it for our house, but only going out 1 mile... 75 feet below average terrain!

==========
Tom Randolph N1OOQ NE-QRP 419 QRP-L 87 ARRL randolph@asic.enet.dec.com
==========

1085. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: cgreenha@magnus.acs.ohio-state.edu
Message-ID: <cgreenha.442.321491D3@magnus.acs.ohio-state.edu>
Source record: 218768
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <4v1ul5$46n@dfw-ixnews6.ix.netcom.com> kc5egg@ix.netcom.com(Gerald Schmitt) writes:

>>Lack of respect for someone else's opinions are the specialty of this
>>newsgroup. That's why we are all here. You must be new here, huh ?

>You are absolutely right. I agree with you completely on this.

> 73 Jerry

I suppose thats why Gerry contacted my employer in an effort to get me fired over my posts to Usenet.

So which is it Gerry...you certainly dont practice what you preach?

Double talk...nothing more than double talk. I wonder if he is a politician?

Christopher K. Greenhalgh, N8WCT
Computer/Electronic Tech. II at The Ohio State University
E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

1086. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <4v1ul5$46n@dfw-ixnews6.ix.netcom.com>
Source record: 218769
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In <4uvdq9$msi@lehi.kuentos.guam.net> pacrimgolf@kuentos.guam.net (Jim Kehler) writes:
>
>Jack <@sullivan.vf.mmc.com> wrote:
>
>>You remind me of W2NSD and his editorials; he doesn't know how to
>>respect someone elses' opinions.
>>de Jack N2MPU
>
>Lack of respect for someone else's opinions are the specialty of this
>newsgroup. That's why we are all here. You must be new here, huh ?
>
>73, Jim KH2D
>
>
Jim,

You are absolutely right. I agree with you completely on this. Watch out for those Brown Snakes.

73 Jerry

1087. Ten Tec, Advice

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: Bob Snyder <Bob.Snyder@mci.com>
Message-ID: <3214CCAD.F55@mci.com>
Source record: 218770

Well, I just received my call sign and am looking at building a radio. One of the kits I've seen is by Ten Tec. Does anyone have any experience with this company? I would like to hear you opinions, good and bad.

The kits may not have all of the features on it, but I would like to build a radio. The 2 meter kit for example doesn't have DTMF on it, but I should be able to add it on.

Thanks,
KB0YGD
Bob

1088. Re: Antenna Driving me nuts

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: w7el@teleport.com
Message-ID: <4v2ked$jqc@nadine.teleport.com>
Source record: 218771
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna

In article <3214DA66.40E4@crpl.cedar-rapids.lib.ia.us>,
"William E. Sabin" <sabinw@crpl.cedar-rapids.lib.ia.us> wrote:
>I have read that polyethylene losses at higher frequencies are due mostly
>to hysteresis effects in the dielectric molecules caused by the
>oscillating electric field, rather than by RF conductivity.
>
>Bill W0IYH

Perhaps, but PE has very low loss to begin with. Among plastics, it's one
of the lowest loss dielectrics you can get. PVC, on the other hand, comes
in a wide variety of formulations, with fillers for color and probably
to modify other properties as well. But I haven't yet seen PVC with
appriciable loss at HF.

Roy Lewallen, W7EL

1089. Re: West Coast Blackout

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: Steve Eklund <72527.01012@compuserve.com>
Message-ID: <3214E1BE.128E@compuserve.com>
Source record: 218772

>
> I guess it was the Republicans that took 11 meters from us, 5 meters,
> 220-222 and everything else right? Take a look at who makes the
> decisions about these issues, and take a look at who appoints the
> commisioners to seats at the FCC. <HINT> Clinton is about to appoint
> one..
>
> .-- . - .- -.-. .-.. ..- . .-.-.-
>
> Rob Neff (N7ORY)
>
> Bob Dole - Simply because any Republican is better than Clinton.

I absolutely agree, but I still don't know what you mean by the Morse Code message, "Wet a clue."

73 from Steve

1090. Re: West Coast Blackout

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: mike_j@ix.netcom.com
Message-ID: <4v13co$ng0@dfw-ixnews6.ix.netcom.com>
Source record: 218773

Seems to me one guy is talking about cell phones, the rest about the
switching. Some body better get it straight !!!!

In <w6goDw7pzz.Izs@netcom.com> w6go@netcom.com (Jay O'Brien - W6GO)
writes:
>
>John Minger (jaminge@pb2esac.esac.pacbell.com) wrote:
>
>: Peter Coffee AC6EN <72631.113@CompuServe.COM> wrote:
>: >When the lights went out on August 10, all over Los Angeles
>: >County, there wasn't any point in trying to phone home. Both
>: >wired and cellular phones were immediately saturated, and
>: ^^^^^ ^^^ ^^^^^^^^ ^^^^^^ ^^^^ ^^^^^^^^^^ ^^^^^^^^ ^^^
>: >generally unable to complete attempted calls. Within minutes,
>: ^^^^^^^^ ^^^^^^ ^^ ^^^^^^^^ ^^^^^^^^ ^^^^^
>
>: First let me say I am NOT speaking for my employer, Pacific Bell.
>: This is just my personal message.
>
>: That said, I have to wonder out loud about your assertion that the
>: phone systems didn't perform, for whatever reason, call load, or
>: equipment problem. Is this a fact, or just the usual assumption?
>
>: I made numerous calls from my home with no problems during the
>: power outage. I was in touch with Pacific Bell's emergency control
>: center, and with ESAC personnel who would have been called in the
>: event that any central office didn't provide service adequately.
>: Through all that, I was unable to find any report of interruption.
>: Not even one. We who try to provide the service take exception to
>: any blanket assertion that "the phones were out" or "the system was
>: overloaded", if it wasn't true.
>
>: The phone system does indeed have its limits on capacity. There
>: is no getting around that. During major earthquake situations,
>: the demand is just too great. To engineer a system with that
>: much capacity would be prohibitively expensive to the public.
>: As far as I was able to observe, the power outage did not present
>: that kind of a challenge to the system.
>
>: 73 de John, AC6VV, (DCS: Z-148)
>: <jaminge@pacbell.com>
>
>FROM W6GO:
>

>Having read all that, I call for anyone who was not able to make a
>telephone call during the power outage to step up and be counted.
>
>I agree with AC6VV. My power was out 4 hours and 39 minutes. I made
>over 20 calls during that time, both local and long distance. I
received
>at least 10 calls during the outage. At no time was there any
indication
>of a problem with the telephone service or network. EVERYONE I talked
to
>on these calls also experienced a power outage. There was no
indication
>from anyone that the telephone system was not working as planned and
>designed.
>
>To cut down on the flames... Yes, I retired from PacBell in 1985, and
>yes, I was responsible for providing technical guidance and support at
a
>corporate level to those who sized and designed the network AT THAT
>TIME. We did the best we could then, and in my opinion, even with the

>major changes to the industry since I left, the job of providing a
>telephone system that will handle (minor) emergencies such as the
recent
>power outage is still being done. This is not intended to denigrate
the
>Amateur radio communications that are **VERY** necessary in a **REAL
>EMERGENCY**, not the minor inconvenience of a few hour power outage.
>
>73, Jay
> w6go@netcom.com
>--

--

****
Name: Michael P. ("Jug") Jogoleff
Call: WA6MBZ
AX.25: WA6MBZ@K6TZ.#SOCA.CA.USA.NOAM
Phone: 805-966-4808, Message or FAX

Snail Mail: 1324 Panchita Place, Santa Barbara, CA 93103-2223
Grid Square: DM04DK
Position: 34.431415 Deg., ie, North Latitude
-119.698060 Deg., ie, West Longitude

E-Mail: mike_j@ix.netcom.com
103225.3614@compuserve.com
mike.j@worldnet.att.net

Monitor
Frequently: 52.920 MHz. -, 145.050 MHz. S, 146.790 MHz. -

223.920 MHz. -, 224.080 MHz. -, 224.120 MHz. -
446.400 MHz. -, 1284.050 MHz. -, 1286.200 MHz. -

Check in
Frequently: 223.920 MHz. Daily at 21:00 PLT.
3856.000 KHz. Daily at 20:00 PLT, LSB.

end
****

1091. Re: New Home Page!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: k6pgt@csufres.n5uyi.ampr.org
Message-ID: <4v2aku$1km@alpine.psnw.com>
Source record: 218774

k6pgt@csufres.n5uyi.ampr.org wrote:
Check out new picture of comet Hale-Bopp, and some neat links!
http://www.psnw.com/~dritchie/
73
don

>Check out my new home page. It has "Amateur Radio" area with several
>links to good things. Has information on tcp/ip, and some good ftp
>sites!

>enjoy 73

>k6pgt

1092. Kenwood TH-79a 4sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: kenwood@rpa.net
Message-ID: <4v2l6u$hpq@www.rpa.net>
Source record: 218775
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

I have a Kenwood TH-79a that i am not using, I would like to sell. I bought it in May/96 and its basicly sat around doing nothing since then. I have forsale with the unit a speaker mic,leather case,extra battery,dry cell battery case and a extra rubber duck antenna. I am asking $400.00 or best offer and i will pay shipping in the USA.

Thanks.....

1093. PK-232 and Win95

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: Curt Dunn <cdunn@netsync.net>
Message-ID: <32152235.6C1B@netsync.net>
Source record: 218776

Thank you for reading this:

I understood there was a shareware program out there to run the 232 with Win95.

All my searches have turned up negative.

If anyone can help via Email or a posting to the Newsgroup,I would appreciate
it.

Thanks in advance,

73,de KA2SLC
--
CURT
cdunn@netsync.net
http://www.netsync.net/users/cdunn

1094. TR9000 MARS MOD

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: Joesph Fenn <jfenn@spartacus.hula.net>
Message-ID: <Pine.OSF.3.93.960816145256.12865I-100000@spartacus.hula.net>
Source record: 218777

Does anybody out there know how to modify the Kenwood TR9000 all mode vhf transceiver to work outside the lower band limie of 143.90? I want it to go down to the NAVY Mars freq digipeater here thats on 143.7 but dont know what modification is required to let it xmit down there. I have the manual but too dumb to figure it out myself.
KH6JF

1095. Thank you all, but . . . .

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: jhende@aol.com
Message-ID: <4v3cv7$8s1@newsbf02.news.aol.com>
Source record: 218778

Thank you everyone for the help and inspiration on my quest to regain my ticket. I took the exam element 1b,2,3a, and passed. I heard that my new callsign would be available on the internet in a matter of days. Anyone know where??

Thanks again ,

Jim
JHenderson

1096. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <4v3e2j$5k0@anomaly.ideamation.com>
Source record: 218779

jherman@Hawaii.Edu (Jeffrey Herman) writes:

> Gerald Schmitt <kc5egg@ix.netcom.com> wrote:
> >While using the University account does not explicitly infer an
> >official position it can implicitly imply University support of a
> >position.

> I asked one of the PMs here about the validity of that statement.
> His reply: "Nuts."

Yeah. Only real slime-balls try to contact employers and get people's
posting privs yanked. We have a real nut-case on "ne.general" who likes
to do this.

MD
--
-- If you don't like my opinions, that's just too damn bad.
-- If you want to call my employer, go right ahead. Since I *OWN*
-- ideamation.com, these opinions *ARE* the opinions of my employer.

1097. Re: Thank you all, but . . . .

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: AC6V <AC6V@ix.netcom.com>
Message-ID: <32154778.47FA@ix.netcom.com>
Source record: 218780

JHende wrote:
>
> Thank you everyone for the help and inspiration on my quest to regain my ticket. I took the exam element 1b,2,3a, and passed. I heard that
my new callsign would be available on the internet in a matter of days.
> Anyone know where??
>
> Thanks again ,
>
> Jim
> JHenderson

Yo Jim, try the following URL:

http://www.lantz.com/htbin/cbs_today

It features:

CallBook Server (CBS) Summary -- From the FCC's last business day's
activity. Summary of FCC important licensing changes posted by the FCC
in the last 24 hours, as of Fri Aug 16 06:04:36 EDT 1996

Congrads on the new ticket.

73
Rod in San Diego
--
Hark for I have hurled my words to the far reaches of the earth!
What King of old could do thus??
..... AC6V

1098. Re: "GMRS Personal Radio?" What is that?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: Steve Eklund <72527.01012@compuserve.com>
Message-ID: <3214DFBD.1E81@compuserve.com>
Source record: 218781

Gary Barnes wrote:
>
> GMRS="General Mobile Radio Service" It was a set of frequencies in the
> UHF band set aside by the FCC to allow MOM&POP to use two way radios
> for personal use...not business. There are limitations on power for
> mobiles and control stations. The repeater owner may only charge users
> what it costs to maintain the repeater...no profit. Mobiles are
> limited to 7 watts and I believe 2 watts on bases..not too sure on the
> last part though.
>
> I believe the freqs are 462.500-462.700mhz in 25khz jumps.
>
> GARY
>

I thought the power limit was 50 watts when using the main repeater input/output frequencies and only 5 watts when using the splinter frequencies. (Some of which will be shared by FRS)

Steve

1099. This Week in Amateur Radio #177 (for air through 8/23/96)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: "Stephan M. Anderman" <sanderman@delphi.com>
Message-ID: <pBByBwh.sanderman@delphi.com>
Source record: 218782

```
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-
Here is a summary of news items covered on edition #177 of
"This Week in Amateur Radio", North America's satellite-delivered
audio bulletin service, for the week ending 23-Aug:
-
1. ARRL/VEC to Provide Free Electronic Renewal Filing to Members
2. Central States VHF Society Honors Tom Clark, W3IWI
3. More Time Needed to Update Exams Says ARRL in Emergency Filing
4. First Digital ATV Contact Achieved on 1290 MHz over 3 Mile Path
5. Weekly Propagation Forecast
6. "Ancient Amateur Archives" with Bill Continelli, KE2XB
7. US Senator from Wisconsin Seeks Local Enforcement of CB RFI
8. "Gateway 160 Meter Net Report" with Vern Jackson, WA0RCR
9. Special Event Station Calendar
10. Launch of Mexico's UNAMSAT Delayed Until Early Next Month
11. "Proceedings" Book from AMSAT-UK Colloquium Now Available
12. "The RAIN Dial-up" from Chicago
-
Funding for the program's transmission and production expense was
provided this week by a grant from Dana Rodakis of St. Petersburg,
Florida, and the AJ1R repeater system, serving Florida's Sun Coast
on 51.84, 145.230, 147.285, 442.075, 443.625, and 443.95 MHz.
-
"This Week in Amateur Radio" is a weekly amateur voice bulletin
service, produced by Community Video Associates, Inc., a New York
State not-for-profit corporation based in Albany, NY. The program
is heard on the "W0KIE Satellite Network" each Saturday at 9:00 PM
(EDT) on the Hughes Communications SBS-6 commercial communications
satellite, transponder 13B upper, located at 74 degrees west
longitude in equatorial geosynchronous orbit. The transponder
center frequency is 12.019 GHz; tune up in frequency to 12.031 GHz.
Program audio is on the 6.2 MHz analog subcarrier and carried on
VHF/UHF repeaters throughout North America and on 160 meters at 1860
kHz. Contact your local amateur radio club or repeater operator if
"This Week in Amateur Radio" is not being heard in your area.
-
Production and transmission expenses are underwritten by donations
from repeater operators, amateur radio clubs, and individuals.
Further information is available from George Bowen, N2LQS, at
```

518/283-3665 (email kxkvi@delphi.com) or Stephan Anderman, WA3RKB,
at 518/664-6809 (email sanderman@delphi.com). You may also reach
them @ WA2UMX.FN32AW.ENY.NY.USA.NA via amateur packet.

1100. Re: Truckers on 14.3025

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <Dw90ns.5q9@news.hawaii.edu>
Source record: 218783

Henrik Rasmussen <rik@nando.net> wrote:
>I agree, although I think another 500hz up from 14.300 wouldn't be too
>much to ask. It may be the truckers and their buying power that ends up
>saving ham radio.

Hi Rik,
What would these truckers be saving ham radio from? Our HF bands are not under attack and are as safe now as at any time in the past. We gained new bands during the last decade, and the government is considering giving us even more.

You mention truckers' buying power. Are you implying that they'll keep the Big 3 radio makers in business? Not to worry, for if you look at the commercial line those 3 produce, you'll see their ham models appear very similar, and there is no indication their commerical sales are leveling off. Besides, if the amateur radio manufacturers stopped sales we'd have a resurgence in home building. And that would be *very* good for amateur radio.

Jeff KH2PZ / KH6

1101. Re: Generators -- Any thoughts?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug16.153631.6227@ke4zv.atl.ga.us>
Source record: 218784

In article <4v0uvs$be3@opal.CyberGate.COM> <> writes:
>With the power outage here in the west last Saturday,
>I was thinking about getting a multi use generator.
>
>Does the group have any thoughts?
>
>I'm thinking 2250 watts, good muffler, to run fridge,
>couple of lights, couple of fans, maybe alternating
>fridge (1 hour on) with room air conditioner (3 hours
> on). Field day once a year, emergencies other times.

Honda, Yamaha, and Kawasaki make good quiet portable
generators in this size range. But unless one man
portability is paramount, I'd suggest you consider a
larger generator. A generator that is too big is lots
better than one which is too small. A 4 or 5 kW generator
is a better size for home backup. It will handle the
starting surge of motor operated appliances much better
than a unit which is barely big enough. It is a bit
more difficult to carry out to Field Day, but you can
still do it with a bit of help. Avoid units like the
Coleman which use Briggs & Stratton engines. Get something
with pressure lubrication.

The next step up is the 15 kW range. These generators
can be trailer mounted, and will easily run the whole
house. Here you should look at diesels like the China
Diesel units as well as water cooled multicylinder gas
engined units. If you have a small tractor, get the
15 kW generator sold by WW Grainger for mounting on
the 3 point hitch and driven off the tractor's PTO.
This is the best option if you have a small tractor
because it is *much* *much* cheaper, and the tractor
is designed to run under load all day long.

A good rule of thumb is that you need 2.5 engine
horsepower for every 1 kW of electrical power. So
the PTO driven generator above will work on the
small Ford, Kubota, or Belarus tractors in the
40 hp range as well as on larger John Deere and
IH Case tractors.

You can even run it off a truck if it has a PTO off
the transfer case, but speed control can be a problem
since few trucks have the proper governor, and you'd

have to rig up your own mounting. (I've seen this done, using a modified cruise control to maintain engine speed. It works well, and you've got your generator with you wherever you go.)

>Need to put some stabilizer in the remaining gasoline?
>Gas here in California is bogus with the new formula.
>
>Have heard, "Store 5 gallons of unleaded. After 3 months
>mix it into car gas, replace with fresh."

Yeah, if you don't run it often, don't leave gasoline in the generator, and rotate your stored stocks often. Old gas develops varnish which can really gum things up in the fuel system. If you opt for a diesel, fuel storage is much less of a problem, though you should add a bit of algacide to the fuel since there are things which can grow in diesel. You don't need to drain fuel from a diesel generator, and in fact you shouldn't. The fuel will protect the injection system from moisture and corrosion. Needless to say, stored diesel is less of a fire hazard as well.

>Check oil every tank of gas I assume. Change it once a
>year or if especially dirty, sticky?

Your generator will have a specification for oil changes after X number of hours of operation. Do that when you are running it often, but change it once a year even if you haven't run up enough operating hours to warrant it. Motor oil becomes acidic after a while, and can damage engine components.

This brings up another point, if your generator doesn't come with a running hours meter, be suspicious of it as something to depend upon. Any quality unit will have a proper hours meter, and voltage and current metering as well. The better ones will have a frequency meter too. (You can retrofit the electrical metering, but a manufacturer of quality engines will supply the hours meter as part of the basic package.)

>Probably, one wants to ground the generator, and run a
>power cord into the appliances unless an electrician
>has installed a double pole double throw switch on house
>and I have the intelligence to shut A/C, range, oven,
>and most lights off?

Yes. Don't try to backfeed the house with a suicide cord (an extension cord with male plugs on each end). This is very dangerous, especially to any linemen working on the power grid. If you want to use the house wiring, and that *is* best from a safety POV, then have an approved

transfer switch installed by a qualified electrician. Such
a switch makes it impossible to interconnect generator and
grid, no matter what you do on the house side.

But if you are using a small portable generator, extension
cords direct to what you want powered is a very good course.
Use gaffer's tape to tape down the cords where anyone might
walk. You don't want members of the family tripping over them
in the dark.

Gary
--
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Lawrenceville, GA 30244 | |

1102. Re: Got No-Code...now what?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug16.173148.6608@ke4zv.atl.ga.us>
Source record: 218785

In article <gradyr-1508962215350001@user-168-121-178-82.dialup.mindspring.com>
gradyr@mindspring.com (Grady Russell) writes:
>Passed my no-code tech and now I'm wanting to play! :-) Of course the
>first thing I did was get the scanner in my car but now I want to yack a
>little bit. What all can I do? I was thinking of a mobile unit or handheld
>as it seems I'm always on the road. Figure it could also double as a base
>unit. I also saw a radio that you could make phone calls on. How do you do
>that? What are some good resources for a new HAM? I'd like to really be
>able to talk to people far away. Do I need to learn Morse for this? Any
>help appreciated!

Congratulations, Grady. With your current license class, you can talk
to people very far away using 6m or via satellite using 2m and 70cm
equipment. The latter usually requires good gain antennas though,
so would normally be restricted to home operation (though I know some
folks who work satellite from the car).

At the present point in the sunspot cycle, 6m is very sporadic, so
you can't count on finding a distant station every time you operate.
But that will change over the next few years as the sunspots heat
back up. Globe spanning contacts are possible now (if a bit rare),
and will become common in a few more years. Of course the satellites
have fixed and very predictable operating times dictated by orbital
mechanics. You'll know exactly when and where they will be available.

To talk to people somewhat less far away, you can work tropo on
2m (and 70 cm). It is often possible to contact people a few
hundred miles away using tropo. There is a whole subspecies of
ham who does little else. They are the VHF weak signal crowd.
You'll become very familiar with weather patterns if you decide
to do this. Frontal boundaries can *duct* your signals for
hundreds or thousands of miles.

You can also do meteor scatter and auroral contacts using the
ionization provided by neteor trails or the aurora to bounce
your signal to stations thousands of miles away. And you can
even bounce your signals off the Moon (called EME) for radio
path distances well beyond anything possible on HF.

To do any of those things, you need equipment called "multimode".
That is, the equipment will work SSB, CW, FSK, or FM. There are no
handheld radios in this class. For some of these things you'll
also want more power than a HT can muster. 100 watts is commonly
used, and for EME, 1.5 kW is usually the rule. That extra boost
is usually gotten with an external amplifier, driven by a multimode
radio. (Note, I don't know of *any* case of EME being done mobile

by amateurs, though the military did it in the 1950s.)

For local chatting, FM is the mode of choice, and use of repeaters is pretty much the rule. For this, a FM only radio will suffice, and all HTs are FM. If you have a good repeater nearby, the HT alone will suffice, but in the more usual case you'll want to be able to run more power and use a better antenna. You *can* kludge this up with an external amplifier and antenna for the HT, but that's usually very unsatisfactory. That leads us to the "mobile" rigs (I put mobile in quotes because these same radios are also used at home with a 12 volt power supply). There is a wide range of choices in these rigs, they are very popular, so you can find nearly any feature you may desire.

The most important feature is a receiver free from spurious products, often broadly called *intermod* among amateurs. This can be a problem because as you travel around your radio will be assaulted by strong signals from other services, most notably high power paging transmitters. It is pure torture to listen to a radio which constantly squeals and squawls due to intermod. Unfortunately, the trend to make FM amateur radios double as scanners has made this problem much worse. HTs are very prone to this problem because the things a designer can do to fix it conflict with the need for small size and low power consumption. Mobile rigs are better, some very good, some not quite so good.

Most FM radios either come with, or can be fitted with, a Touchtone (TM) pad. This is a pad like the one on your phone which generates the tones used by the telephone system. If there is a local repeater with a *phone patch*, you can use the TT pad to make calls (if you're a member of the club supporting the repeater, generally non-members aren't given the access codes). This isn't quite the same as cellular phone. The conversation will be half-duplex, IE you have to push the transmit button to talk and release it to listen. This can be disconcerting for non-amateurs on the other end of the call. You also generally can't *receive* telephone calls, only originate them. And the rules limit what you can say on the patch, generally non-business calls only (at least it can't be related to *your* business). Of course when you drive out of range of the local repeater on which you have patch privileges, you're out of luck. Having a cellphone in the car is still very much a necessity. Consider phone patching something you do just for fun, or for those rare emergencies when the cellphone system doesn't work.

Now lets consider what you get if you upgrade your license and learn Morse. If you learn 5 WPM, you get part of 10m for voice, and small segments of lower HF for Morse. 10m is much like 6m now, with distant contacts being sporadic. As the sunspot cycle heats back up, it will become the main long distance band, though 6m will also be very active. With only a few watts power and a simple mobile antenna, you'll be able to work the world.

The Morse segments you'll gain won't be of much use to you mobile, unless you're the rare person who can handle mobile Morse. But they will provide long distance communications right now for your use when stopped (at home or elsewhere). If you find you like Morse, this can be fun, but 5 WPM is horribly slow, and you won't be able to say much to others. (Consider that normal speech is about 120 WPM to put this in perspective.)

Now if you pass the 13 WPM test and get a General or Advanced class license, HF operation really opens up to you. You'll be able to operate voice on 20m. This is the workhorse band of international contacts now, and will only get better as the sunspots increase. You'll also get 40m voice, which is good for continental contacts now, and the 75m band which, while difficult to do well mobile due to the difficulty of making a mobile antenna efficient on this band, is the main band for regional communications. (There are other HF bands too, and each has its features, but for now you'll find most useful the 75m, 40m, and 20m bands. When the sunspots start to heat up, 15m will become important, and if you like Morse or other digital communications, 30m is useful right now.)

If you push on to 20 WPM and the Extra class license, you'll get some more small exclusive segments of HF to use as well as everything the General and Advanced get. You get nothing major that's new at this level except the ability to operate a station while *in* space. The FCC has so routinely waived this requirement for astronauts, however, that it is really moot. You also get to administer the 20 WPM and 13 WPM code tests to others if you opt to become a volunteer examiner. The main reason to get this class license is simply bragging rights.

Now besides voice and Morse operations, there is also a world of digital operations available to you at VHF+ and at HF. Most common on VHF+ is packet radio. This allows your computer to exchange information with other amateurs' computers, often through a network of relay sites. While most of the operation found here is still slow (1200 baud), and the network isn't fully fleshed out, there are still lots of things to do. In some areas it is much better, with amateurs operating at much higher speeds, 9600 baud or even 56 kb. At 56 kb there is a qualitative difference from other packet operations which has to be experienced to be believed. Internet style applications become practical at this speed.

For 1200 baud operations, any FM radio can be pressed into service. For 9600 baud, you must be much more careful in selecting the correct radio (and many of the radios which *claim* to be "9600 baud ready" really are NOT). Ask for help. At 56 kb and above, you need specialized *RF modems*, which are both radio and modem,

optimized for data use. A word of advice, if you are interested in packet, don't try to make your regular voice radio do dual duty. You really need to dedicate a setup to packet full time to get the most advantage from it.

HF digital operations is a completely different world. Packet doesn't work well there, so other methods are used. Popular methods are called Clover, PACTOR II, PACTOR, GTOR, AMTOR, and RTTY. This is a minefield, walk carefully and *ask* for help. Things are evolving rapidly here. It is exciting, but it is also easy to jump in on the obsolete tail of an older paradigm. The potential of HF digital is vast, but realize that you'll be on the cutting edge, and can get sliced up if you choose unwisely.

Some amateurs do operate the digital modes mobile, I do, but many restrict this activity to home stations. One of the advantages of digital is that it works well with low power and restricted antennas. It is also the only amateur non-realtime mode, IE you can leave it to do its thing while you do something else, like drive. When you check it, it will have sent any outgoing messages and retrieved any incoming messages automatically.

There are other things you can do in amateur radio too. For example, with your current license you can do ATV (Amateur Televison). This is regular full color and motion TV like the broadcasters use, but adapted to two-way communications. Some people do this mobile, and from radio controlled aircraft or balloons. The view from 100,000 feet is spectacular.

On HF, there isn't enough bandwidth to do ATV, so we use SSTV (Slow Scan TV). This fits in a voice bandwidth and transmits a picture every few seconds. It is fun to actually see what the other fellow on the other side of the country (or the world) looks like. We can also do FAX, which is similar to SSTV, on HF. This lets us exchange drawings of antennas or circuits.

There are a world of different things you can do in amateur radio besides just talk (though that's important). You can do many of them now with your current license. You can do more (on HF) with a higher class license. There's little chance to get bored because you can always find something new to try. For example, I haven't mentioned foxhunting. That's a competitive sport done with radio direction finding equipment. And if you go in for that sort of thing, there are a huge number of awards, plaques, and certificates (known as "wallpaper") you can compete to get, for activities ranging from Dx contesting to emergency and public service operating.

Gary
--

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Lawrenceville, GA 30244 | |

1103. Re: Height Above Average Terrain

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug16.175105.6764@ke4zv.atl.ga.us>
Source record: 218786

In article <32141416.53462911@news.eagnet.com> zuschlag@eagnet.com (Fred Zuschlag) writes:
>On 15 Aug 1996 21:44:50 GMT, Steve Smith <kc6wrd@fix.net> wrote:
>>Does any one know of a good source for information on calculating
>>the HAAT of a repeater site? Is their something on the web or is their
>>a good software program available? Any information is greatly
>>appreciated!
>>
>Tools required: A good topographic map, (7.5 minute series
>preferred), a compass (circle drawing tool), and a ruler.
[method snipped for space]
>This is the method recommended by SERA, the SouthEastern Repeater
>Association, the organization through whom repeater coordination is
>done in several southeastern states.

This is one of the methods accepted by the FCC too, but with one
caveat. If any of the points fall on an unusual terrain feature,
you're allowed to move the point off that terrain feature. This
method works acceptably well in moderate terrain, but if the
terrain is rough, actual horizon contours need to be plotted.
That's a job best left to computer.

Gary

--
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Lawrenceville, GA 30244 | |

1104. Re: Anyone know what Motorola MUX stands for?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: jxs2151@shore.intercom.net
Message-ID: <4v0i94$t8n@shore4.intercom.net>
Source record: 218816

MUX=Multiplex

Jeff

In article <4utkc7$pi1@hptemp1.cc.umr.edu>, sidener@crunch.nuc.umr.edu (Scott Sidener) wrote:
>Hi, I just found out that I have a Motorola Micor that has duplex/MUX
>
>I was wondering what MUX meant.
>
>Thanks,
>
>Scott Sidener N0WFL
>sidener@umr.edu
>

Tenderness and kindness are not signs of weakness and
despair, but manifestations of strength and resolutions.

Kahlil Gibran

1105. RE: LATEST WEB-HAM.LIST FOR AUG/96

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: gill.blue@kb4fsk.com
Message-ID: <840158849@kb4fsk.com>
Source record: 218817

Hello,

Just installed newsgroups and saw you call, I run a ham bbs here also
running wildcat 5.0. Telnet, http ftp to kb4fsk.com

73's

Gill

From: KB6AXK@IX.NETCOM.COM
Sent: Tuesday, August 13, 1996 3:29 PM
To: ALL
Subject: LATEST WEB-HAM.LIST FOR AUG/96

Path:
news.hi.net!nuhou.aloha.net!news-w.ans.net!newsfeeds.ans.net!news.lava.net!news.
reed.edu!usenet.ee.pdx.edu!cs.uoregon.edu!news.sgi.com!news-res.gsl.net!news.gsl
.net!ix.netcom.com!news
From: kb6axk@ix.netcom.com(JOSEPH A CIRA)
Newsgroups:
rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.shortwave,
Subject: LATEST WEB-HAM.LIST FOR AUG/96
Date: 13 Aug 1996 19:29:15 GMT
Organization: Netcom
Lines: 23
Message-ID: <4uql2b$i5a@sjx-ixn6.ix.netcom.com>
NNTP-Posting-Host: pas-ca7-22.ix.netcom.com
X-NETCOM-Date: Tue Aug 13 12:29:15 PM PDT 1996
Xref: news.hi.net rec.radio.amateur.misc:95204
rec.radio.amateur.digital.misc:13156 rec.radio.shortwave:67203

is available at;)
http://www.padl.ac.at/schule/chemie/bob.htm
look on the page for web ham sites/page by KB6AXK..
73 & 88

--
****
U.S.AMATEUR RADIO STATION " KB6AXK "| SYSOP OF HAM*INFO*LINK*SOURCE*BBS
PASADENA,CALIFORNIA 91107 | at 818-584-1952 any speed 8-N-1
e-mail to kb6axk@ix.netcom.com | dedicated to amateur radio !
ARRL/LAX/ACC | ARRL MIRROR SITE..........
****
researching the CIRA family genealogy
in TERMINI IMERESE,PALERMO,SICILY,ITALY..........

IUOE/INTERNATIONAL UNION OF OPERATING & MAINTENANCE ENGINEERS LOCAL 501
HVAC/R,IAQ,SYSTEMS,CONTROLS,AIR BALANCE,PERFORMANCE,PM's,PLUMBING,
ELECTRICAL,MECH SYSTEMS,EMS/BMS,DDC,CODES,STANDARDS,REGS,QUIDELINES,
PPE,HAZMAT,IPP,and more ....
info call HALL 213-385-1561 or SCHOOL at 213-385-2889...........
****
MY RESUME is on my web site at :) http://www.netcom.com/~kb6axk/resume.html
---

1106. www.hamradio-online.com is back!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: vbook@vbook.com
Message-ID: <4v0ldg$9t3@news.accessone.com>
Source record: 218818
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

InterNIC caught up with our move to a new web server and our
domain name http://www.hamradio-online.com is back on the air.
Come visit Ham Radio Online, the coolest ham radio
web site in the world.

If your domain name server does not yet direct to our new web
site (it probably will within days), you can access us our new
web server using our IP address as http://206.13.40.11/

Thanks!

Ed (KF7VY) and Kim (N7VPL) Mitchell
email to vbook@vbook.com
Visit Ham Radio Online, it's free! at
http://www.hamradio-online.com

1107. Re: FS: All Ham Bands, Reply to Republican Congress

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4v0sg9$16q@lehi.kuentos.guam.net>
Source record: 218819
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.amateur.policy

Steve Sampson <ssampson@oklahoma.net> wrote:

<potty mouth adjectives snipped.....>

>Only a moron would claim to be a democrat...

And only a moron would get that upset about what politicians do or don't do - and then post it in three radio related newsgroups. So does that proves there are morons in both parties ?

Hafa Adai,
Jim KH2D

1108. Re: West Coast Blackout

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: w6go@netcom.com
Message-ID: <w6goDw7pzz.lzs@netcom.com>
Source record: 218820

John Minger (jaminge@pb2esac.esac.pacbell.com) wrote:

: Peter Coffee AC6EN <72631.113@CompuServe.COM> wrote:
: >When the lights went out on August 10, all over Los Angeles
: >County, there wasn't any point in trying to phone home. Both
: >wired and cellular phones were immediately saturated, and
: ^^^^^ ^^^ ^^^^^^^^ ^^^^^^ ^^^^ ^^^^^^^^^^ ^^^^^^^^^ ^^^
: >generally unable to complete attempted calls. Within minutes,
: ^^^^^^^^^ ^^^^^^ ^^ ^^^^^^^^ ^^^^^^^^^ ^^^^^

: First let me say I am NOT speaking for my employer, Pacific Bell.
: This is just my personal message.

: That said, I have to wonder out loud about your assertion that the
: phone systems didn't perform, for whatever reason, call load, or
: equipment problem. Is this a fact, or just the usual assumption?

: I made numerous calls from my home with no problems during the
: power outage. I was in touch with Pacific Bell's emergency control
: center, and with ESAC personnel who would have been called in the
: event that any central office didn't provide service adequately.
: Through all that, I was unable to find any report of interruption.
: Not even one. We who try to provide the service take exception to
: any blanket assertion that "the phones were out" or "the system was
: overloaded", if it wasn't true.

: The phone system does indeed have its limits on capacity. There
: is no getting around that. During major earthquake situations,
: the demand is just too great. To engineer a system with that
: much capacity would be prohibitively expensive to the public.
: As far as I was able to observe, the power outage did not present
: that kind of a challenge to the system.

: 73 de John, AC6VV, (DCS: Z-148)
: <jaminge@pacbell.com>

FROM W6GO:

Having read all that, I call for anyone who was not able to make a
telephone call during the power outage to step up and be counted.

I agree with AC6VV. My power was out 4 hours and 39 minutes. I made
over 20 calls during that time, both local and long distance. I received
at least 10 calls during the outage. At no time was there any indication
of a problem with the telephone service or network. EVERYONE I talked to
on these calls also experienced a power outage. There was no indication
from anyone that the telephone system was not working as planned and

designed.

To cut down on the flames... Yes, I retired from PacBell in 1985, and yes, I was responsible for providing technical guidance and support at a corporate level to those who sized and designed the network AT THAT TIME. We did the best we could then, and in my opinion, even with the major changes to the industry since I left, the job of providing a telephone system that will handle (minor) emergencies such as the recent power outage is still being done. This is not intended to denigrate the Amateur radio communications that are **VERY** necessary in a **REAL EMERGENCY**, not the minor inconvenience of a few hour power outage.

73, Jay
w6go@netcom.com
--

1109. New Mexico State Hamfest, Aug. 17 & 18, 1996

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: wa5whn@ix.netcom.com
Message-ID: <4v0tf7$cfp@dfw-ixnews10.ix.netcom.com>
Source record: 218821

****
Date: Aug. 17 & 18, 1996

Place: New Mexico National Guard Armory
600 Wyoming Blvd. NE
Albuquerque, New Mexico

75 miles south of the intersection of I-40 & Wyoming Blvd., on the
east side of Wyoming Blvd..

Contact/Information: KC5HZE, Judy Kirby, phone: 505-891-9132

Doors open @ 0900 MDT both days

VE exams, QRP, Packet, ARRL, MARS forums.

****

1110. can you put 145.125 into thr ft-470 and how would you do it?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: dct@bright.net
Message-ID: <4v0vi1$dj9@cletus.bright.net>
Source record: 218822

same as subject

thanks,
Chris

1111. Re: Height Above Average Terrain

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: zuschlag@eagnet.com
Message-ID: <32141416.53462911@news.eagnet.com>
Source record: 218823

On 15 Aug 1996 21:44:50 GMT, Steve Smith <kc6wrd@fix.net> wrote:

>Does any one know of a good source for information on calculating
>the HAAT of a repeater site? Is their something on the web or is their
>a good software program available? Any information is greatly
>appreciated!
>
>73's
>
Tools required: A good topographic map, (7.5 minute series
preferred), a compass (circle drawing tool), and a ruler.

Locate the repeater site on the map. Draw rays out starting at the
horizontal (zero degrees) and proceed every 45 degrees. Now make 5
circles, with radii of 2, 4, 6, 8, and 10 miles using the map's scale.
Set the center of the circles at the spot on the map that represents
the repeater site.

Now, you have 5 circles centered at the repeater site, at distances of
2, 4, 6, 8, and 10 miles. For EACH of these circles, there are 8
locations where the 45-degree rays intersect. If not, make the rays
from step 1 long enough to reach each circle.

This gives you 40 points, not counting the center (tower site). For
each point, note the elevation as best you can with the topographic
map. Write them down. Add these 40 numbers together, and divide the
sum by 40. This will give you the average ground elevation (let's
call it "A").

Next,, look on the map and get the elevation for the repeater site.
Add to this the height above ground of the antenna. This gives you
the elevation of the antenna, and we'll call it "B".

Now subtract "A" from "B". The result is is the height above average
terrain for the antenna.

This is the method recommended by SERA, the SouthEastern Repeater
Association, the organization through whom repeater coordination is
done in several southeastern states.

Have fun!

73 - Fred, ko4yu
zuschlag@eagnet.com

1112. Re: Got No-Code...now what?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <4v1ldl$it5@jupiter.planet.net>
Source record: 218824

> gradyr@mindspring.com (Grady Russell) writes:
>
> Passed my no-code tech and now I'm wanting to play! :-) Of course the
> first thing I did was get the scanner in my car but now I want to yack a
> little bit. What all can I do? I was thinking of a mobile unit or handheld
> as it seems I'm always on the road. Figure it could also double as a base
> unit. I also saw a radio that you could make phone calls on. How do you do
> that? What are some good resources for a new HAM? I'd like to really be
> able to talk to people far away. Do I need to learn Morse for this? Any
> help appreciated!
>
> Grady
>
1st Congrats. and well done
Now to answer your questions.

A handheld is nice, but you are limited to output power unless you invest in an amp. Also, the wires
to get the thing running will always be in your way.

A good 2 meter mobile (either new or used) will serve very nicely, especially
if you are mobile alot. In the home, you need a power supply and an antenna as well.

most radios will allow you to use a repeaters phone patch to make calls, BUT you usually
must join a club to be allowed that priviledge.

Speaking of clubs, they are probably your best source if information, so look into them.

Far away talking is a relative term. To some, 30 miles is far way and your license will allow
you to do that regularly,

To talk to the other side of the country or world is a different matter. Now your in the HF bands and aside
from a great deal of different equipment, you will need at least 5WPM.

feel free tp e-mail me with any questions, be happy to answer them

have fun

steve

1113. Re: West Coast Blackout

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: anthonys@ix.netcom.com
Message-ID: <4v1fto$pgk@dfw-ixnews3.ix.netcom.com>
Source record: 218825

In <4v13co$ng0@dfw-ixnews6.ix.netcom.com> mike_j@ix.netcom.com(Michael P. ('Jug') Jogoleff, WA6MBZ) writes:
>
>Seems to me one guy is talking about cell phones, the rest about the
>switching. Some body better get it straight !!!!

I dunno what you mean here but there were NO telco difficulties in Pac Bell areas, especially here in San Francisco. Perhaps the same in GTE areas in CA. During the power outage, I was in convo with a friend in San Rafael and we were commenting specifically about how well telco kept operating.

In SF, we experienced total power loss for 5 hours. San Rafael fared a bit better. The surprising part was that Sausalito experienced no power outage. I know because I maintain a hi-power FM broadcast transmitter there on Mount Beacon. No outage at all! EVEN with the telco connection to the TX site.

So Jug, what's your point??? Cell phones ....not particularly mentioned.

-=Tony=- W6ANV in San Francisco

>In <w6goDw7pzz.Izs@netcom.com> w6go@netcom.com (Jay O'Brien - W6GO)
>writes:
>>
>>John Minger (jaminge@pb2esac.esac.pacbell.com) wrote:
>>
>>: Peter Coffee AC6EN <72631.113@CompuServe.COM> wrote:
>>: >When the lights went out on August 10, all over Los Angeles
>>: >County, there wasn't any point in trying to phone home. Both
>>: >wired and cellular phones were immediately saturated, and
>>: ^^^^^ ^^^ ^^^^^^^^ ^^^^^^ ^^^^ ^^^^^^^^^^ ^^^^^^^^ ^^^
>>: >generally unable to complete attempted calls. Within minutes,
>>: ^^^^^^^^^ ^^^^^^ ^^ ^^^^^^^^ ^^^^^^^^ ^^^^^
>>
>>: First let me say I am NOT speaking for my employer, Pacific Bell.
>>: This is just my personal message.
>>
>>: That said, I have to wonder out loud about your assertion that the
>>: phone systems didn't perform, for whatever reason, call load, or
>>: equipment problem. Is this a fact, or just the usual assumption?
>>
>>: I made numerous calls from my home with no problems during the
>>: power outage. I was in touch with Pacific Bell's emergency control
>>: center, and with ESAC personnel who would have been called in the

>>: event that any central office didn't provide service adequately.
>>: Through all that, I was unable to find any report of interruption.
>>: Not even one. We who try to provide the service take exception to
>>: any blanket assertion that "the phones were out" or "the system was
>>: overloaded", if it wasn't true.
>>
>>: The phone system does indeed have its limits on capacity. There
>>: is no getting around that. During major earthquake situations,
>>: the demand is just too great. To engineer a system with that
>>: much capacity would be prohibitively expensive to the public.
>>: As far as I was able to observe, the power outage did not present
>>: that kind of a challenge to the system.
>>
>>: 73 de John, AC6VV, (DCS: Z-148)
>>: <jaminge@pacbell.com>
>>
>>FROM W6GO:
>>
>>Having read all that, I call for anyone who was not able to make a
>>telephone call during the power outage to step up and be counted.
>>
>>I agree with AC6VV. My power was out 4 hours and 39 minutes. I made

>>over 20 calls during that time, both local and long distance. I
>received
>>at least 10 calls during the outage. At no time was there any
>indication
>>of a problem with the telephone service or network. EVERYONE I
talked
>to
>>on these calls also experienced a power outage. There was no
>indication
>>from anyone that the telephone system was not working as planned and
>>designed.
>>
>>To cut down on the flames... Yes, I retired from PacBell in 1985, and

>>yes, I was responsible for providing technical guidance and support
at
>a
>>corporate level to those who sized and designed the network AT THAT
>>TIME. We did the best we could then, and in my opinion, even with
the
>
>>major changes to the industry since I left, the job of providing a
>>telephone system that will handle (minor) emergencies such as the
>recent
>>power outage is still being done. This is not intended to denigrate
>the
>>Amateur radio communications that are **VERY** necessary in a **REAL
>>EMERGENCY**, not the minor inconvenience of a few hour power outage.

>>
>>73, Jay
>> w6go@netcom.com
>>--
>
>--
>
>**
**
>Name: Michael P. ("Jug") Jogoleff
>Call: WA6MBZ
>AX.25: WA6MBZ@K6TZ.#SOCA.CA.USA.NOAM
>Phone: 805-966-4808, Message or FAX
>
>Snail Mail: 1324 Panchita Place, Santa Barbara, CA 93103-2223
>Grid Square: DM04DK
>Position: 34.431415 Deg., ie, North Latitude
> -119.698060 Deg., ie, West Longitude
>
>E-Mail: mike_j@ix.netcom.com
> 103225.3614@compuserve.com
> mike.j@worldnet.att.net
>
>Monitor
>Frequently: 52.920 MHz. -, 145.050 MHz. S, 146.790 MHz. -
> 223.920 MHz. -, 224.080 MHz. -, 224.120 MHz. -
> 446.400 MHz. -, 1284.050 MHz. -, 1286.200 MHz. -
>
>Check in
>Frequently: 223.920 MHz. Daily at 21:00 PLT.
> 3856.000 KHz. Daily at 20:00 PLT, LSB.
>
>
>end
>**
**

1114. Re: Your recommendation for an HT?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: randolph@asic.enet.dec.com
Message-ID: <4v1rta$bkg@mrnews.mro.dec.com>
Source record: 218826
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <4uvte0$2lo@lou.teclink.net>, bobkruk (Robert M. Kruk) writes...
> Get a Kenwood TH-79ad. <snip> 2: They have DOT MATRIX
>DISPLAYS!! This means that it can spell things; the thing has online
>help, so you only need the manual for complicated stuff.

The sad part is that a radio would need this at all.
If you can't figure out how to switch from memory mode to VFO mode in less than about one minute, without looking in the book, the radio's useless IMO.

==========
Tom Randolph N1OOQ NE-QRP 419 QRP-L 87 ARRL randolph@asic.enet.dec.com
==========

1115. Re: Got No-Code...now what?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: Thomas Foster <tlfoster@ix.netcom.com>
Message-ID: <32148F0C.1EA2@ix.netcom.com>
Source record: 218827

Grady Russell wrote:
>
> Passed my no-code tech and now I'm wanting to play! :-) Of course the
> first thing I did was get the scanner in my car but now I want to yack a
> little bit. What all can I do? I was thinking of a mobile unit or handheld
> as it seems I'm always on the road. Figure it could also double as a base
> unit. I also saw a radio that you could make phone calls on. How do you do
> that? What are some good resources for a new HAM? I'd like to really be
> able to talk to people far away. Do I need to learn Morse for this? Any
> help appreciated!
>
> Grady

Congratulations, Grady, on your entry into the wonderful world of Ham Radio! Your questions have already been answered by others.

Being able to access the world regularly requires operation of the HF frequencies. Therefore, you need to work on your code. Below, is the URL of my newest release of a Morse code tutor program for windows. Hope you'll download it and give it a try.

http://www.simtel.net/pub/simtelnet/win3/ham/imcpw311.zip

Below are its major features:

Morse code tutor for Windows 3.1 & Windows 95. Excellent for learning and maintaining one's Morse code skills. Has a code speed of 3-50 wpm and a character speed of 3-50 wpm for Farnsworth code. Includes comprehensive help facility, main menu and popup menu, and eleven code practice lessons. Fully customizable from the Options menu. Sound card not required. Requires 692K of free hard disk.

73,
Lindsay
WA4ISZ

1116. Re: Generators -- Any thoughts?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: jangus@netcom.com
Message-ID: <jangusDw8G62.EJr@netcom.com>
Source record: 218828

<Scott> writes:

>I was thinking about getting a multi use generator.

>I'm thinking 2250 watts, good muffler, to run fridge,
>couple of lights, couple of fans, maybe alternating
>fridge (1 hour on) with room air conditioner (3 hours
> on). Field day once a year, emergencies other times.

The 2500 watt Generators (such as Coleman etc.) won't
handle an airconditioner. And will only just barely deal with
a refridgerator. The Briggs and Stratton's you see at Home Depot
and other places are not really rated for full load, or continous
opertaion. And are noisy as all get out too.

>Need to put some stabilizer in the remaining gasoline?
>Gas here in California is bogus with the new formula.
>Have heard, "Store 5 gallons of unleaded. After 3 months
>mix it into car gas, replace with fresh."

It depends on what you buy. Anything from Arco will eat the rubber
parts. Considering the need/use/purpose of you generator, buy either
Chevron or Mobil Supreme (92+ Octane) gasolene for fixed small engines.

I've stored these gasolenes for over a year with no problems. But I
do rotate through the vehicles (when I remember). What is more important
is to cycle the generator at least every 2-3 months or so for an hour.

>Check oil every tank of gas I assume. Change it once a
>year or if especially dirty, sticky?

Actually, the manuals read "Every 100 hours" or more if dirty.

>Probably, one wants to ground the generator, and run a
>power cord into the appliances unless an electrician
>has installed a double pole double throw switch on house
>and I have the intelligence to shut A/C, range, oven,
>and most lights off?

The most common method is to use a double ended male cord. This
is only remotely safe if you remove the main fuses or shut off the
main breakers AND LOCK THEM OFF. Nothing will get you in more trouble
faster than knocking a lineman off the pole down the street or watching
your generator attempt to phase correct tothe grid when the power comes
back on line.

The "correct" method is a transfer switch. Automatic ones cost about
$3500 for a 50-150 amp single phase system. American Honda sells a

manual one with 6-8 toggle switches for around $400.

Speaking of American Honda, (shameless plug follows.) Their ES-4500
generator will run 4-6 hours on a tank of gas, and is VERY quiet as
it is fully enclosed. The price is about $2500 or so. And for an
additional $300 you get the remote control, and $400 a transfer switch.
This works out to either a 30 amp continous 120 VAC load or (roughly)
15 240 VAC load. I bought mine originally to run a 32 foot travel trailer.
It has worked faultlessly to provide power at the house now that Edison
seems to have problems with keeping the infra structure together these
days.

Speaking of emergency power, Deep cycle marine batteries work well with
a few 120 VAC inverters as well to run the station equipment and so forth.
Just look to spend a couple hundred on a decent charger to keep the batteries
topped off and not cooked. After all, white plates and no electrolyte won't
do you any good when you need them. Stat-power (Canada) makes excellent
marine standby shorleline chargers.

>Thanks for your experience, ideas, etc.

>Scott Jura sjura@cybergate.com WB6ZLA

Remember, you're setting up an emergency power supply system, not an
exercise in how much money you can save to find out you cut too many
corners when you really need it.

73 es GM from jeff
--
Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NA | "It is difficult to imagine our
Internet: jangus@skyld.grendel.com | universe run by a single omni-
US Mail: PO Box 4425 Carson, CA 90749 | potent god. I see it more as a
Phone: 1 (310) 887-8545 | badly run corporation."

1117. Re: Got No-Code...now what?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <4v1va5$fla@dfw-ixnews5.ix.netcom.com>
Source record: 218829

In <gradyr-1508962215350001@user-168-121-178-82.dialup.mindspring.com>
gradyr@mindspring.com (Grady Russell) writes:
>
>
>Passed my no-code tech and now I'm wanting to play! :-) Of course the
>first thing I did was get the scanner in my car but now I want to yack
a
>little bit. What all can I do? I was thinking of a mobile unit or
handheld
>as it seems I'm always on the road. Figure it could also double as a
base
>unit. I also saw a radio that you could make phone calls on. How do
you do
>that? What are some good resources for a new HAM? I'd like to really
be
>able to talk to people far away. Do I need to learn Morse for this?
Any
>help appreciated!
>
>Grady

Grady,

Welcome to amateur radio. One avenue to the world that is open to you
with your new license is satellites. AMSAT maintains a web page at
http://www.amsat.org browse around there. All the amateur satellites
are open to you including the new Phase 3D which will be going up next
year. Currently there is an FM satellite that can be worked with a
Handi Talkie and a hand held beam. If you get interested in satellites
there are a number of us from AMSAT who would be glad to help you,
perhaps someone right in your home town.

73 Jerry

1118. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <321483CA.566@juno.com>
Source record: 218830

Gerald Schmitt wrote:

> Thank you Burt and I will stop abusing your sig block. Both of us being
> civil to each other should scare the Hell of some folks.

How did you abuse my sig block?
Anyone who is civil to me becomes a marked person by other users.

```
#================#=========================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | Mr. Happy should not be happy all the time. |
#================#=========================================================#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#=============================================================================#
```

1119. Re: Mr Happy should be happy SOME of the time.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4v1q7u$qbg@freenet-news.carleton.ca>
Source record: 218831

Burt Fisher (kotzebue@juno.com) writes:
> Frank Sved wrote:
>
>> And in A/V teachers Burt? Mr Happy's not so happy when the police call.
>
>
> Hey if you think you know something, spill it out.
> But if you value your life as it is today, be truthful.
> I have been down this road before and burned some people.
>
> #================#===#
> | Burt Fisher | Teacher of video, broadcasting and electronics |
> | Amateur call | South Dennis, Ma. (Cape Cod) |
> | K1OIK | Mr. Happy should not be happy all the time. |
> #================#===#

Thanks for the email Burt.

I take threats of physical violence very seriously, Burt. What will you do to me?

1120. The problem with Amateur Radio.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4v1qsq$qi2@freenet-news.carleton.ca>
Source record: 218832

I think the big problem with Amateur Radio is that it is open to all people of the world and is free from visual stereotypes and prejudices that people have when speaking face to face with someone.

It is a great equilizer.

If a person wants to hate or spread biases, it is difficult because you never know the cosmetics of the person to whom you are addressing.

It is a wonderful hobby. And anyone who participates in it should be proud that they can interact with others without the securities of all their prejudices. Anyone who treats it like a proffession should find another job during the day.

1121. TC-136 Tube Tester schematic needed

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: Marvin Jack Moss <mmoss@gelac.mar.lmco.com>
Message-ID: <321479C8.41C6@gelac.mar.lmco.com>
Source record: 218833

I have book on tube setups.
I need schematic to repair the Senscor TC-136.
Does anyone have one that they can send to me?
Thanks, Marvin

1122. Phonetic alphabets (Alpha Bravo Charlie Delta) (revised)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: Brian.Kelk@cl.cam.ac.uk
Message-ID: <4v1t0s$jaa@lyra.csx.cam.ac.uk>
Source record: 218834
Cross-posted to: sci.lang,rec.radio.amateur.misc,rec.radio.info,rec.answers,sci.answers,news.answers

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Archive-name: radio/phonetic-alph/full
Posting-Frequency: six weeks

Phonetic Alphabets (Alpha Bravo etc)
August 1996

There is a widely known alphabet Alpha Bravo ... Yankee Zulu.
Such alphabets are variously known as phonetic alphabets,
radio alphabets, spelling alphabets and telephone alphabets.
This collection currently includes alphabets for the
following languages:

English, French, German, Dutch, Flemish, Spanish,
Portuguese, Italian, Rumantsch, Danish, Norwegian,
Swedish, Finnish, Czech, Slovak, Polish, Hungarian,
Croatian, Serbo-Croat, Romanian, Turkish, Hebrew,
Russian, Swahili, Kwanyama, Ndonga, Chinese and
Esperanto.

This posting supersedes the one of 4th July. Notable this
time: alphabets for Kwanyama and Ndonga.

My thanks to the many contributors, not all of whom are
acknowledged below.

Please report any errors. Please also mail or post any
further information or anecdotes, or specific references
where I have only second-hand information.

In my capacity as the editor of this collection I have no
objection to the further electronic distribution of this
posting in full in circumstances where it is likely to be of
interest; in the case of Web pages I ask that care be taken,
as it is easy to mangle something. Note that there is also a
brief version of this collection.

Following discussions last year this article is not now
posted to alt.usage.english. As of 10th April it is now
crossposted to various *.answers groups.

You may find a copy of this article and some other material
on the World Wide Web at:

<http://www.cl.cam.ac.uk/users/bck1/menu.html>

Copies of this article may also be found at:
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<http://www.columbia.edu/~fuat/cuarc/phonetic.html>

<ftp://rtfm.mit.edu/pub/usenet/news.answers/radio/phonetic-alph/full>

<ftp://ftp.cs.ruu.nl/pub/NEWS.ANSWERS/radio/phonetic-alph/full>

Editorial comments are in square brackets [].

Brian Kelk bck1@cl.cam.ac.uk
16 August 1996

***** ENGLISH *****

The NATO phonetic alphabet:

Alpha Bravo Charlie Delta Echo Foxtrot Golf Hotel India
Juliet Kilo Lima Mike November Oscar Papa Quebec Romeo
Sierra Tango Uniform Victor Whiskey Xray Yankee Zulu

[This alphabet dates from about 1955 and is approved by the
International Civil Aviation Organization, the FAA and the
the International Telecommunication Union; note that
different bodies prefer different spellings, so one also
sees: Alfa Juliett Juliette Oskar Viktor]

[The alphabet above is from the Cambridge Encyclopedia of
Language. An alphabet with Alfa X-ray can be found in The
U.S. Department of Defense Dictionary of Military Terms]

[UK police use Indigo(??) instead of India.
German army handbook 90/91: Alfa Foxtrott Juliett.
Italian version: Alfa Charly FoxTrot Giuliet Romio Wiskey.
An Indonesian phrase book: Beta Ultra Volvo Whisky X-ray.
A precursor of the present alphabet had: Alfa Coca Metro
Nectar Siera Union Whisky Extra]

Phonetics for digits (from an amateur radio FAQ):

zero one two tree fower fife six seven eight niner

From the Cambridge Encyclopedia of Language:

zero wun too tree fower fife six seven ait niner

'Telecom B':

Alfred Benjamin Charles David Edward Frederick George Harry
Isaac Jack King London Mary Nellie Oliver Peter Queen Robert
Samuel Tommy Uncle Victor William Xray Yellow Zebra

[Found also in Swedish, Dutch, Hungarian telephone
directories. An 'analogy alphabet' in a Kenyan directory
has Charlie and no Y. A Swiss directory: Andrew Charlie
Lussy Queenie Sugar. French/German vocabulary books: Andrew
Charlie Lucy Mike Nelly Sugar Xmas. English phrase book for
Spanish speakers: Charlie]

'British A':

Amsterdam Baltimore Casablanca Denmark Edison Florida
Gallipoli Havana Italia Jerusalem Kilogramme Liverpool
Madagascar New_York Oslo Paris Quebec Roma Santiago Tripoli
Uppsala Valencia Washington Xantippe Yokohama Zurich

[An 'international' alphabet in a Dutch telephone directory
has: Danemark. A 'French' alphabet in a Hungarian directory
has: Cassablanka Danemark Que'bec Upsala Zu"rich.
An 'international' alphabet in a business book for French
has: Italy Kilogram Zu"rich; the corresponding book for
German has: Italy Kilogram Xanthippe Zu"rich]

Telephone alphabet used in India:

Army Brother Cinema Doctor English Father Gold Hotel India
Jam King Lady Mother Navy Orange Paper Queen Raja Sister
Table Uncle Victory Water Xray Yellow Zero

Used by police in New York City:

Adam Boy Charlie David Edward Frank George Henry Ida John
King Lincoln Mary Nora Ocean Peter Queen Robert Sam Tom
Union Victor William X-ray Young Zebra

[Variants: Eddie Larry Nancy Thomas Yankee Yellow]

Used by police in Nassau County, Long Island, New York:

Adam Boston Chicago Denver Edward Frank George Henry Ida
John King Lincoln Mary Nancy Ocean Peter Queen Robert Sam
Thomas Union Victor William X-ray Young Zebra

Used by police in San Diego, California:

Adam Boy Charles David Edward Frank George Henry Ida John
King Lincoln Mary Nora Ocean Paul Queen Robert Sam Tom Unit
Victor William Xray Yellow Zebra

Used by police in Hutchinson, Kansas:

Adam Boy Charles David Edward Frank George Henry Ida John
King Lincoln Mary Nora Ocean Paul Q.. Robert Sam Tom Union
Victor William X-ray Yankee Zebra

Sometimes used by radio hams (unofficial):

America Boston Canada Denmark England France Germany
Honolulu India Japan Kilowatt London Mexico Norway
Ontario/Ocean Pacific Quebec Radio Santiago/Spain Tokyo
United Victoria Washington Xray Yokohama Zanzibar

[Much variation: Amsterdam, Brazil, Baltimore, Chile,
Finland, Greece, Guatemala, Hawaii, Italy, Kentucky,
Luxembourg, Nicaragua, Portugal, Romania, Sweden, Texas,

Uruguay, Venezuela, Whisky, Zulu]

The ARRL (American Radio Relay League) alphabet (1948):

Adam Baker Charlie David Edward Frank George Henry Ida John
king Lewis Mary Nancy Otto Peter queen Robert Susan Thomas
union Victor William x-ray young zebra

[Nowadays the ARRL endorses the NATO/ICAO/ITU alphabet]

Pre-1954 U.S. Navy Radio Alphabet:

(Communications Handbook, 1945)

Able Baker Charlie Dog Easy Fox George How Item Jig King
Love Mike Nan Oboe Peter Queen Roger Sugar Tare Uncle Victor
William X-ray Yoke Zebra

"Used by Armed services of USA & GB" (ARRL Handbook, 1945)

Able Baker ... Easy ... Tare ...

Allied Services 1945:

Able Baker ... Edward ... Tape ...

From a book entitled "The Complete Morse Instructor..." (1944):

Able Baker ... Easy ... Tare ...

RAF 1943-56:

Able-Afirm ... Item/Interrogatory ... Jig/Johnny ...
Nab/Negat ... Peter/Prep ...

[In other alphabets of the Able Baker class: affirm, cast,
hypo, inter, negat, option, over, prep]

RAF 1942-43:

Apple Beer Charlie Dog Edward Freddy George Harry In
Jug/Johnny King Love Mother Nuts Orange Peter Queen
Roger/Robert Suga Tommy Uncle Vic William X-ray Yoke/Yorker
Zebra

[cf. aircraft in Dambusters raid: A-Apple B-Baker C-Charlie
E-Easy F-Freddie G-George H-Harry J-Johnny K-King L-Leather
(officially L-London) M-Mother N-Nuts O-Orange P-Popsie
S-Sugar T-Tommy W-Willie Y-York Z-Zebra]

Western Union:

Adams Boston Chicago Denver Easy Frank George Henry Ida John
King Lincoln Mary New_York Ocean Peter Queen Roger Sugar
Thomas Union Victor William X-ray Young Zero

British Army 1927:

Ack Beer Charlie Don Edward Freddy George Harry Ink Johnnie King London Monkey Nuts Orange Pip Queen Robert Sugar Toc Uncle Vic William X-ray Yorker Zebra

RAF 1924-42:

Ac Beer Charlie Don Edward Freddie George Harry Ink Johnnie King London Monkey Nuts Orange Pip Queen Robert Sugar Toc Uncle Vic William X-ray Yorker Zebra

Royal Navy 1917:

Apples Butter Charlie Duff Edward Freddy George Harry Ink Johnnie King London Monkey Nuts Orange Pudding Queenie Robert Sugar Tommy Uncle Vinegar Willie Xerxes Yellow Zebra

U.S. Army 1916:

Able Buy Cast Dock Easy Fox George Have Item Jig King Love Mike Nap Opal Pup Quack Rush Sail Tape Unit Vice Watch X-ray Yoke Zed

***** FRENCH *****

[style: A comme Anatole]

Contributor: Erik Tjong Kim Sang <erikt@let.rug.nl>

anatole bernard c'ecile denise 'emile fran5cois g'erard henri isidore jean kl'eber louis marcel nicole oscar pierre quital robert suzanne th'er`ese ursule victor wagon xavier yvonne zo'e

Contributor: Rudolf Lais <chibm5hp@ibmmail.com>

(Swiss telephone directory)

Anna Berthe Ce'cile Daniel Emile Franc,ois Gustave Henri Ida Jeanne Kilo Louise Marie Nicolas Olga Paul Quittance Robert Suzanne The're`se Ulysse Victor William Xavier Yvonne Zurich

(OUP vocabulary book)

Anatole Berthe Ce'sar De'sire' Euge`ne E'mile Franc,ois Gaston Henri Irma Joseph Kle'ber Louis Marcel Nicolas Oscar Pierre Que'bec Robert Suzanne The're`se Ursule Victor William Xavier Yvonne Zoe'

(Collins vocabulary book)

Anatole Bertha Ce'lestin De'sire' Euge`ne Franc,ois Gaston Henri Irma Joseph Kle'ber Louis Marcel Nicolas Oscar Pierre Quintal Raoul Suzanne The're`se Ursule Victor William Xavier Yvonne Zoe'

Similar alphabets:

business book: Berthe E'mile
Cassel business book: Berthe Zoe"
BBC business book: Berthe Emile (for e-acute) Nicholas
Berlitz phrase book: Berthe
telephone French book: Berthe Rene'
Collins phrase books: Berthe Victor/Viktor

***** GERMAN *****

[style: A wie Anton]
[some alphabets have phonetics for umlauts, ch, sch, ss]

Contributor: mrosa@eso.org (Michael Rosa)

Anton Berta Caesar Dora Emil Friedrich Gustav Heinrich Ida
Julius Karl Ludwig Martha Nordpol Otto Paula Quelle Richard
Siegfried Theodor Ulrich Viktor Wilhelm Xanthippe Ypsilon
Zeppelin

A"rger O"dipus U"bel

More recent replacements: Konrad Zacharias

Contributor: Erik Tjong Kim Sang <erikt@let.rug.nl>

anton bertha c"asar dora emil friederich gustav heinrich ida
julius kaufmann ludwig martha nordpol otto paula quelle
richard samuel theodor ulrich viktor wilhelm xanthippe
ypsilon zacharias

"arger charlotte "okonom schule "ubermut

Contributor: Rudolf Lais <chibm5hp@ibmmail.com>

(Swiss telephone directory)

Anna Bertha Caesar Daniel Emil Friedrich Gustav Heinrich Ida
Jakob Kaiser Leopold Marie Niklaus Otto Peter Quelle Rosa
Sophie Theodor Ulrich Viktor Wilhelm Xaver Yverdon Zuerich

Contributor: Christof A Neumann <neumann@informatik.tu-muenchen.de>

(issued by Deutsche Bundespost)

Anton Bertha Caesar Dora Emil Friedrich Gustav Heinrich Ida
Jakob Konrad Ludwig Martha Nordpol Otto Paula Quelle Richard
Siegfried Theodor Ulrich Viktor Wilhelm Xantippe Ypsilon
Zeppelin

Schule

Contributor: Steve Dunham <dunham@gdl.msu.edu>

Anton Berta Caesar Dora Emil Friedrich Gustav Heinrich Ida
Johann Kaufmann Ludwig Martha Nordpol Otto Paula quer
Richard Siegfried Theodor Ulrich Viktor Wilhelm Xaver
Ypsilon Zeppelin

Eszett

(OUP vocabulary book)

Anton Berta Ca"sar Dora Emil Friedrich Gustav Heinrich Ida
Julius Konrad Ludwig Martin Nordpol Otto Paula Quelle
Richard Siegfried Theodor Ulrich Viktor Wilhelm Xanten
Ypsilon Zeppelin

A"rger O"konom U"bel

(Collins vocabulary book)

Anton Berta Ca"sar Dora Emil Friedrich Gustav Heinrich Ida
Jerusalem Kaufmann Ludwig Martha Nordpol Otto Paula Quelle
Richard Samuel Theodor Ulrich Viktor Wilhelm Xanthippe
Ypsilon Zacharias

(Cassel business book)

Anton Berta Caesar Dora Emil Friedrich Gustav Heinrich Ida
Julius Kaufmann Ludwig Martha Nordpol Otto Paula Quelle
Richard Siegfried Theodor Ulrich Viktor Wilhelm Xanthippe
Ypsilon Zacharias

A"rger O"konom Schule U"bel

(BBC business book) "standard phone alphabet"

Anton Berta Ca"sar Dora Emil Friedrich Gustav Heinrich Ida
Julius Kaufmann Ludwig Martha Nordpol Otto Paula Quelle
Richard Siegfried/Samuel Theodor Ulrich Viktor Wilhelm
Xanthippe Ypsilon Zeppelin/Zacharias

A"rger Charlotte O"konom Schule U"bermut

(BBC business book)

Anton Berta Ca"sar Dora Emil Friedrich Gustav Heinrich Ida
Julius Kaufmann Ludwig Martha Nordpol Otto Paula Quelle
Richard Siegfried Theodor Ulrich Viktor Wilhelm Xanthippe
Ypsilon Zeppelin

A"rger O"konom scharfes_s Schule U"bermut

(Berlitz phrase book)

Anton Berta Caesar Dora Emil Friedrich Gustav Heinrich Ida
Julius Kaufmann Ludwig Martha Nordpol Otto Paula Quelle
Richard Samuel Theodor Ulrich Viktor Wilhelm Xanthippe
Ypsilon Zacharias

A"rger Charlotte O"konom Schule U"bel

(Austrian telephone directory)

Anton Berta Ca"sar Dora Emil Friedrich Gustav Heinrich Ida
Julius Konrad Ludwig Martha Nordpol Otto Paula Quelle
Richard Siegfried Theodor Ulrich Viktor Wilhelm Xaver
Ypsilon Zu"rich

A"rger O"sterreich scharfes_S Schule U"bel

(Collins phrase book)

Anton Berta Caesar Dora Emil Friedrich Gustav Heinrich Ida
Julius Konrad Ludwig Martin Nordpol Otto Paula Quelle
Richard Siegfried Theodor Ulrich Victor Wilhelm Xanten
Zeppelin

Eszett

Contributor: Anno Siegel <anno4000@w172zrz.zrz.TU-Berlin.DE>

Arno Borvaselin Coburg-Gotha Doria Ernst Friedrichsroda
Gomorrha Herrenzimmer Ida Jawohl_Odol Kolberg_Ost Leonidas
Motor Nora Oekonom Per_Motorrad Quohnsdorf_bei_Forst
Revolver Sabine Tod Uniform Verbrennungstod Weltnordpol
Xolabaphon York_Yellowstone Zoroaster

oe Oekonomie
ue Ueberkonto

[This alphabet provides mnemonics for Morse code: a syllable
corresponds to a dash if it contains 'o', a dot otherwise.]

For another alphabet of this nature see
<http://scoutnet.ch/archives/books/morse.html>

***** DUTCH *****

[style: A van Anna]

Contributor: Erik Tjong Kim Sang <erikt@let.rug.nl>

anna bernhard cornelis dirk eduard ferdinand gerard hendrik
izaak jan karel lodewijk marie nico otto pieter quotient
rudolf simon teunis utrecht victor willem xantippe
ij: ijmuiden ypsilon zaandam

[Berlitz phrase book: bernard quadraat]

(Collins phrase book)

Amsterdam Bravo Charlie Dirk Edam Freddie goed help Isaac
Jaap kilo lasso moeder Nico Otto paard Quaker Rudolf suiker
tafel uur vogel wind xylofoon Yankee zout

A Morse code mnemonic alphabet can be found at
<http://scoutwww.strw.leidenuniv.nl/scout/morse-nl.html>

***** FLEMISH *****

Contributor: Erik Tjong Kim Sang <erikt@let.rug.nl>

arthur brussel carolina desire emiel frederik gustaaf
hendrik isidoor jozef kilogram leopold maria napoleon oscar
piano qualite robert sofie telefoon ursula victor waterloo
xavier yvonne zola

***** SPANISH *****

[style: A de Antonio]

(BBC business book, Collins and Berlitz phrase books)

Antonio Barcelona Carmen Chocolate Dolores Enrique Francia
Gerona Historia Ine's Jose' Kilo Lorenzo Llobregat Madrid
Navarra N~on~o Oviedo Pari's Querido Ramo'n Sa'bado
Tarragona Ulises Valencia Washington Xiquena Yegua Zaragoza

Contributor: Paul Driessen <pdr@intis.nl>

(used in ministries in Madrid in the 1960s)

Alicante Bilbao Ca'diz Dinamarca Espan~a Francia Girona
Huelva Italia Jae'n Kilo Lugo LLamar Madrid Navarra Oviedo
Portugal Queso Roma EreDoble Sevilla Toledo U'nico Valencia
UveDoble equis Yugoslavia Zaragoza

(business book) "The telephonist's alphabet"

Antonio Barcelona Carmen Domingo Espan~a/Enrique Francia
Gerona Historia Italia/i_latina Jose'/Jaen Kilo Le'rida
Llave Madrid Navarra N~ando Oviedo Portugal/Pari's Queso
Ramo'n/Roma Sevilla Tarragona/Toledo Ursula/Ubeda Valencia
Washington Xilofo'n Yegua Zaragoza

(Berlitz phrase book) [Latin American]

Amalia Beatriz Carmen Domingo Enrique Federico Guatemala
Honduras Ida Jose' Kilo Lima Llave Me'xico Nicaragua N~on~o
Olimpo Pablo Quito Rafael Santiago Teresa Uruguay Venezuela
Washington Xilo'fono Yucata'n Zorro

***** PORTUGUESE *****

[style: A de/como Aviero]

(Berlitz phrase book)

Aveiro Braga Coimbra Dafundo E'vora Faro Guarda Horta
Ita'lia Jose' Kodak Lisboa Maria Nazare' Ovar Porto Queluz
Rossio Setu'bal Tavira Unidade Vidago Waldemar Xavier York
Zulmira

(Collins phrase books)

Alexandre Banana/Bastos Carlos Daniel Eduardo Franc,a
Gabriel Holanda Ita'lia Jose' Lisboa Maria Nicolau O'scar

Paris Quarto Ricardo Susana Teresa Ulisses Venezuela Xangai
Zebra

***** ITALIAN *****

[style: A come Ancona]

Contributor: ebuie@sed.csc.com (Elizabeth Buie)
ebuie@starlab.csc.com

Ancona, Bologna, Como, Domodossola, Empoli, Firenze, Genova,
Hacca, Imola, Jolly, Kappa, Livorno, Milano, Napoli,
Otranto, Pisa/Palermo, Quartomiglio, Roma, Savona/Siena,
Torino, Udine, Venezia, Wagner, Xilofono, York, Zara

Contributor: Rudolf Lais <chibm5hp@ibmmail.com>

(Swiss telephone directory)

Anna Battista Carol Davide Ernesto Federico Giovanni acca
Isidoro i_lungo cappa Luigi Maria Nicola Olga Pietro
Quintino Rodolfo Susanna Teresa Umberto Vittorio vu_doppia
ics ipsilon Zurigo

(Cassel language book)

Ancona Bologna Cagliari Domodossola Empoli Firenze Genova
Hotel Imola Jolly Kappa Londra Milano Napoli Otranto Palermo
Quarto Roma Sondrio Torino Udine Vicenza Vdoppio X
Yugoslavia Zagabria

(Cassel business book)

Ancona Bologna Como Domodossola Empoli Firenze Genova Hotel
Imola I_lunga Kursaal Livorno Milano Napoli Otranto Padova
Quarto Roma Savona Torino Udine Venezia Washington Ics
York/yacht Zara

(BBC language book)

Ancona Bologna Como Domodossola Empoli Firenze Genova Hotel
Imola Jersey Kilo Livorno Milano Napoli Otranto Palermo
Quaderno Roma Savona Torino Udine Venezia Washington ics
York Zurigo

Contributor: Salvatore Innaimi <MC1612@mclink.it>

Ancona Bari Como Domodossola Empoli Firenze Genova Acca
Imola Jolly Cappa Livorno Milano Napoli Otranto Palermo
Quartomiglio Roma Siena Torino Udine Venezia Walter Ics York
Zurigo

(Berlitz phrase book)

Ancona Bari Catania Domodossola Empoli Firenze Genova Hotel
Imperia i_lunga kappa Livorno Milano Napoli Otranto Palermo

cu Roma Sassari Torino Udine Venezia v_doppia ix i_greca
zeta

(Collins phrase book)

Ancona Bari Catania Domodossola Empoli Firenze Genova Hotel
Imperia Livorno Milano Napoli Otranto Palermo quarto Roma
Savona Torino Udine Venezia

(Collins phrase book)

Ancona Bari Como Domodossola Empoli Firenze Genova Hotel
Imola Livorno Milano Napoli Otranto Palermo Quarto Roma
Savona Torino Udine Venezia Zara

***** RUMANTSCH *****

[aka Romansh, Roumansh, Rumansh]

Contributor: Rudolf Lais <chibm5hp@ibmmail.com>

(Swiss telephone directory)

Anna Berta Carla Dora Emil Flurin Guido Hugo Ida Judit Kilo
Luisa Maria Nesa Otto Paula Quirin Rita Silvia Toni Ursin
Victor Willi Xaver Yvonne Zita

***** DANISH *****

(phrase book)

Anna Bernhard Cecilia David Erik Frederik Georg Hans Ida
Johan Karen Ludvig Marie Nikolaj Odin Peter Quintus Rasmus
Soeren Theodor Ulla Viggo William Xerxes Yrsa Zacharias
ae: Aegir o-slash: Oeresund a-circle: Aase

Contributor: "Per K. Nielsen" <pnielsen@centrum.dk>

The Danish military use the following additions to the NATO
alphabet:

Aegir Oedis Aase

***** NORWEGIAN *****

Contributor: seem@oslonett.no (Terje Trane)

(telephone directory)

Anna Bernhard Caesar David Edith Fredrik Gustav Harald Ivar
Johan Karin Ludvig Martin Nils Olivia Petter Quintus Rikard
Sigrid Teodor Ulrik Enkel-V Dobbelt-V Xerxes Ynling Zakarias
ae: Aerleg o-slash: Oern a-circle: Aase

[phrase book: enkelt-V dobbelt-V Yngling Aerlig]
[the forms Ynling and Aerleg are considered incorrect]

***** SWEDISH *****

Contributors: simon@dront.nada.kth.se (Simon Tardell)
Jonas Wallgren <jwc@ida.liu.se>
m8509@sparc2.abc.se (Thomas Green)

Adam, Bertil, Cesar, David, Erik, Filip, Gustav, Helge,
Ivar, Johan, Kalle, Ludvig, Martin, Niklas, Olof, Petter,
Quintus, Rudolf, Sigurd, Tore, Urban, Viktor, Wilhelm,
Xerxes, Yngve, Z{ta,]ke, [rlig, \sten

where { is a with dots
] A with ring
[A with dots
\ O with dots

Sometimes used: Fredrik, Olle, Rikard

Stockholm police use Kryss (meaning cross) for X.

***** FINNISH *****

Contributor: Jukka Rahkonen <jrahkone@viikki.helsinki.fi>

Aarne Bertta Celsius Daavid Eemeli Faarao Gideon Heikki
Iivari Jussi Kalle Lauri Matti Niilo Otto Paavo Kuu Risto
Sakari Tyyne Urho Ville Viski [ks{ Yrj| Tseta]ke [iti \ljy

Uppercase Lowercase
] } a with circle (Swedish)
[{ a with dots
\ | o with dots

(phrase book)

Anna Bertta Cecilia Daavid Erkki Faarao Gabriel Heikki
Iivari Jaakko Kalle Lauri Mikko Niilo Otto Pekka Quintus
Risto Sakari Tauno Urho Va"ino" kaksin/kertainen_v Xeres
Yrjo" Zeppelin ruotsalainen_o a"iti o"ljy

***** CZECH *****

(phrase book)

Adam Boz~ena Cyril David 'Dumbier Emil Frantis~ek Gustav
Helena Ivan Josef Karel Ludvi'k L'ubochn~a Marie Norbert Oto
Petr Quido Rudolf R~ehor~ Svatopluk S~imon Toma's~ T'epla'
Urban Va'clav dvojite'_ve' Xaver ypsilon Zuzana Z~ofie

***** SLOVAK *****

Contributor: Martin Votruba <votruba+@pitt.edu>

(telephone directory)

Adam, Boz~ena, Cyril, C~adca, Da'vid, D~umbier, Emil,
Frantis~ek, Gusta'v, Helena, CHrudim, Ivan, Karol, Ludvi'k,

L~ubochn~a, Ma'ria, Norbert, N~ - Nitra, Oto, Peter, Quido,
Rudolf, Sva"topluk, S~imon, Toma's~, T~ - Tepla', Urban,
Va'clav, W - dvojite' ve', Xaver, Ypsilon, Zuzana, Z~ofia

***** POLISH *****

Contributor: Michal Jankowski <michalj@fuw.edu.pl>

(Warsaw telephone directory)

Adam Barbara Celina Danuta Ewa Franciszek Genowefa Henryk
Irena Jadwiga Karol Leon L/ukasz Maria Natalia Olga Pawel/
Roman Stanisl/aw Tadeusz Urszula Wl/adysl/aw Xantypa Ygrek
Zygmunt

Contributor: Gyo:ngyo:si Jo'zsef <gyongyosi@bpsof.enet.dec.com>

(used by radio hams)

Adam, Bozena, Celina, Dawid, Ewa, Franek, Grazyna, Henryk,
Irena, Janusz, Kilo, Ludwik, Maria, Natalia, Olga, Pawel/,
Quido, Roman, Stefan, Tomasz, Urban, Violeta, Wanda, Xawer,
Y-grek, Zygmunt

(phrase book)

Adam Barbara Celina Dorota Ewa Franciszek Grazyna Henryk
Iwona Jan Karol Leon L/ukasz Maria Natalia Olga Piotr Quiz
Roman Stanisl/aw Tadeusz Urszula Violeta Wacl/aw Xymena
Ypsylon Zenon

***** HUNGARIAN *****

(telephone directory)

Andra's Be'la Cecil Do'ra Eleme'r Ferenc Gizella Hajnalka
Istva'n Ja'nos Katalin Luca Ma'tya's Na'ndor Olga Piroska
Queen Ro'bert Sarolta Ti'mea Ubul Vilmos Walter Xe'nia
Ypsilon Zolta'n

Contributor: Gyo:ngyo:si Jo'zsef <gyongyosi@bpsof.enet.dec.com>

(used by radio hams)

Antal, Be'la, Cecil (Ce'za'r), De'nes, Eleme'r, Ferenc,
Ge'za, Hele'n, Ibolya (Imre), Ja'nos, Ka'roly, La'szlo',
Ma'ria, Nelli, Olga, Pe'ter, Kvelle, Ro'bert, Sa'ndor,
Tama's, Ubul, Viktor (Vilmos), dupla-ve' (dupla-Vilmos,
"viszki"), "x-es", "ipszilon" (jenki), Zolta'n

(phrase book)

Alada'r A'gota Bala'zs Ceci'lia De'nes Erzse'bet E'va Ferenc
Ga'bor Hele'n Ilona Jo'zsef Ka'roly La'szlo' Mo'nika Na'ndor
Olga O:do:n Pe'ter Ku' Ro'bert Sa'ndor Tivadar Ubul U:ro:m
Vilma duplave' iksz ipszilon Zora'n

***** CROATIAN *****

Contributor: Ivan.Drzanic@gbcon.g-box.fido.hr (Ivan Drzanic)

Adria, Biokovo, Cavtat, Dubrovnik, Europa, Frankopan,
Gospic, Hrvatska, Istra, Jadran, Karlovac, Lika, Mostar,
Novska, Osijek, Pula, Q, Rijeka, Split, Trogir, Ucka,
Vukovar, W, X, Y, Zagreb

***** SERBO-CROAT *****

(phrase book)

Avala Beograd Cetinje C~ac~ak C'uprija Dubrovnik Djakovo
Dz~amija Evropa Foc~a Gorica Hercegovina Istra Jadran Kosovo
Lika Ljubljana Mostar Nis~ Njegos~ Osijek Pirot Rijeka
Skopje S~ibenik Titograd Uros~evac Valjevo Zagreb Z~irovnica
Kvadrat Duplo_V Ipsilon Iks

***** ROMANIAN *****

(phrase book)

Ana Barbu Constantin Dumitru Elena Florea Gheorghe
Haralambie Ion Jiu kilogram Laza~r Maria Nicolae Olga Petre
qu Radu Sandoo Tudor T,ara~ Udrea Vasile dublu_V Xenia
I_grec zaha~r

***** TURKISH *****

Contributor: Gorkem Cetin <e077245@narwhal.cc.metu.edu.tr>

ankara bursa ceyhan CankIrI denizli edirne fatsa giresun
hopa Isparta izmir jale kayseri lUleburgaz manisa nazilli
ordu OdemiS pazar rize samsun SarkOy trabzon urfa Unye van
yalova zonguldak

(phrase book)

adana balIkesir ceyhan Corum diyarbakIr edirne fatsa giresun
hatay Irmak istanbul jandarma kastamonu lUleburgaz manisa
nazilli ordu OdemiS pazar quebek rize samsun trabzon urla
Unye van dubel_v xavier yozgat zonguldak

Contributor: Fuat C. Baran <fuat@columbia.edu>

(1982 diary) "standard" for telephone

ankara bursa ceyhan Canakkale denizli edirne fatih giresun
hakkAri Ilgaz izmir japonya kayseri lUleburgaz malatya
nevSehir ordu OdemiS polatlI rize sivas Sile trabzon Unye
uSak van yozgat zonguldak

***** HEBREW *****

(phrase book)
(phonetics for Roman alphabet)

Affula Binyamina Carmel Dalia Eretz France Gedera Haifa
Israel Jaffa Karkur Lod Moledet Naan Ogen Pardes Queen
Rishon Sefer Tveria Urim Vered Wingate Express Yavniel
Zikhron

Contributor: Alon Tal <mtl@netvision.net.il>

Aleph Boaz Gimel David Hagar Vav Ze'ev Hava Tiach Yona
Carmel Lea Moshe Nesher Samekh A'in Pesel Tsipor Korakh Ruth
Shamir Telem

***** RUSSIAN *****

Contributor: tom@systemtechnik.tu-ilmenau.de (Thomas Planke)

Aleksej Boris Vasilij Grigorij Dmitrij Elena Zhenja Zoya
Ivan Ivan_Kratkij Kilowatt Leonid Maria Nikolai Olga Pavel
Roman Sergej Tatjana Uljana Fjodor Hariton Zaplja Chelovek
Shura Schuka Tviordiy_Znak Igrek Miagkiy_Znak Emilija Yuri
Jakow

Contributor: "Oleg.A.Chernozyomov" <victoria@rada1.saratov.su>

(currently used in amateur radio)

Anna Boris Vasiliy Galina Dmitriy Yelena Yozh Zhuk Zinaida
Ivan Ivan_Kratkiy Konstantin Leonid Maria Nikolay Olga Pavel
Roman Sergey Tamara Ul'yana Fyodor Hariton Tsentr Chelovek
Shura Shchyuka Tvyordy_Znak Yery Myagkiy_Znak Ekho Yuliana
Yakov

Variants: Anton Grigoriy Yolka Zhenya Zoya Irina/Igor Yot
Kilowatt Lyubov Mikhail Nadezhda/Nina Oleg Polina Radio
Semyon Tatyana Tsaplya Znak/Iks Igrek Znak/Iks

Used informally: Borya Vasya Grisha Galya Dima Zina Kostya
Kolya Lyonya Lyuba Misha Masha Nadya Pasha Roma Sasha Tanya
Fedya Yulya Yasha

Morse code is as follows:

A B W G D E E V Z I J K L M N O P R S T
U F H C /- - -./- - - -/ Q X Y X /..-../..- -/.-.-

and the same mapping provides a system of phonetics for
Roman letters (used in parallel with Alpha Bravo). [The
mapping is similar to KOI-7 but not identical]

***** SWAHILI *****

(phrase book)

Aali Bibi Cyprus Daniel Elfu Fiwi Gombe Henry Ida Jinja
Kenya Leso Mtu Nairobi Olga Paul Quebec Robert Sana Tanga
Unga Victor William Xavier Yatima Zanzibar

***** KWANYAMA *****

[South-western Bantu; northern Namibia]

Contributor: jouni@ling.gu.se (Jouni F Maho)

(school book)

Anna Beata Cesilia David Eva Feni Gerson Hosea Immanuel
Johanna Kayosho Lamek Maria Nande Otto Pauli Quini Rauha
Simon Tuuli Ulania Vilho Wilkka Xokulu Yoleni Zola

***** NDONGA *****

[South-western Bantu; northern Namibia]

Contributor: jouni@ling.gu.se (Jouni F Maho)

(school book)

Anna Beata Cesilia David Eva Feni Gerson Hosea Immanuel
Johanna Kayoso Lamek Maria Nande Otto Pauli Quini Rauha
Simon Tuuliki Ulania Vilho Wilika Xerxes Yoleni Zola

***** CHINESE *****

The Chinese armed forces use the following in connection
with Romanised Mandarin:

Aiya Boli Ciqi Desheng Egu Fuzhuang Geming Heping I: Yifu
J.. Keren Leguan Mofan Nali Ouyang Polang Q.. Riguang
Sixiang Tebie U: Weida V: Wudao W: Wuzhuang X.. Yisheng
Zidian

***** ESPERANTO *****

Contributor: Edmund.Grimley-Evans@cl.cam.ac.uk

(Yearbook of Universala Esperanto-Asocio 1995)

Asfalto Barbaro Centimetro \^Cefo Doktoro Elemento Fabriko
Gumo \^Girafo Hotelo \^Haoso Insekto Jubileo \^Jurnalo
Kilogramo Legendo Ma\^sino Naturo Oktobro Papero Rekordo
Salato \^Silingo Triumfo Universo Universo-hoko Vulkano
Zinko

[An earlier version had Omnibuso instead of Oktobro]

Non-Esperanto letters:

q = kuo
w = \^germana vo
x = ikso
y = ipsilono

***** END *****

Brian Kelk
Cambridge

U.K.
bck1@cl.cam.ac.uk

1123. Re: West Coast Blackout

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: AC6V <AC6V@ix.netcom.com>
Message-ID: <321484AE.4DDC@ix.netcom.com>
Source record: 218835

Bill Paul wrote:
>
> In article <4uqime$7v$1@mhafn.production.compuserve.com>,
> Peter Coffee AC6EN <72631.113@CompuServe.COM> wrote:
> >
> >TORRANCE, CALIFORNIA, 12 AUGUST 1996
> >
> >When the lights went out on August 10, all over Los Angeles
> >County, there wasn't any point in trying to phone home. Both
> -snip-
>
> I'm glad to hear things were successful in LA, but I don't feel they went so
> smooth in San Diego.
>
> It seems there was very poor organization on amatuer emergency comm. here. I
> was only listening to the 2m band, which seems to be the band of choice for
> amatuer emergency services. There was a net control operator on the 146.730
> Mt. Palomar repeater collecting information from different areas of town on
> utility status. He would call for an area, like Northern Escondido, and a
> station would come back with a report. Seems well enough, but he would
> randomly jump all around town and never cover some areas.
>
> He seemed to cover mostly the north county of San Diego, but would
> occasionally drop down and ask for a report from La Mesa or El Cajon, in the
> southeast and eastern area, respectivly. He would leave some gaps in the
> transmission, so I read my call and community name (Spring Valley, in the
> south east), and I was instructed to stand by until he got to that area.
> Problem is he never got there and went into a 'standy by mode' waiting for any
> emergency traffic, which I did not want to interupt. He also missed several
> calls for net control during this time (non emergency calls, fortunatly).
>
> Tuning around other popular 2m repeaters and simplex frequencies (including
> the ARES freq for my area) produced nothing except one unrelated QSO.
> It seems that there also should have been some communications with local
> government and services, but I heard none of that.
>
> I only critcize because I think we in SD can do much better than that. God
> forbid we should have a real emergency with life threatening situations, and
> amatuer radio has an oportunity to help out and drops the ball. Did anyone
> else in SD participate or monitor this as well? I am interested in your
> opinion either way.
>
> Thanks for you time,
> -BP

>
> ---
> Bill Paul KF6BBL San Diego, CA bpaul@qualcomm.com
> Disclaimer:
> The above post is the opinion of Bill Paul, not Qualcomm Inc.
> ---

Howdy Bill
I participated in the SD Power Out Net from beginning to end and thought it went very well under the circumstances. Real time emergency nets can appear to be somewhat disorganised due to the sheer volume of traffic, however I feel this net performed extremely well. Positive points:

1. Major traffic snarls were reported so mobiles could choose alternate routes. Traffic advise was offered regarding how to treat disabled traffic signals, points of off ramp congestion, and locations of accidents.

2. Cautions were issued regarding potential computer damage -- I know of several folks who experienced damaged computers as a result of not shutting them down after the initial power loss. Several surges occurred after the initial loss -- not good for silicon devices.

3. Several low-fueled mobiles were directed to available filling stations with power.

4. Several cautions were issued to turn off all unecessary appliances including Ham Gear -- one local station had severe damage to his Ham gear after a momentary surge.

5. The net had information of the scope of the outage both local and across the western US. Much better than any single local radio station that I tuned in.

6. Some phones were out in San Diego, this was reported as well as power outages. Listeners were advised to check on elderly folks and relatives who rely on phone communications. Folks with oxygen generators may have required assistance. Some mobiles revised their travel plans based on this information.

7. Frequent notices were issued regarding estimates of the length of outage so folks could take appropriate measures.

8. The Palomar Repeaters are located in North County, so it was not surprising that the majority of reports were issued from same. A quick tune of the other 2M frequencies showed many other frequencies in SD concerned with the power blackout.

All in all I think the SD Amateurs performed extremely well, the net was well directed, well disciplined and well informed. There is always room for improvement - certainly.

The net was fully prepared to interface with civil authorities should that have become necessary. One of the net participants checked on that several times during the outage.

I listened and reported during the entire net and heard the missed Spring Valley report, but I felt there was ample opportunity for a later report. A minor point considering the magnitude of information processed.

I found the net had a better handle on the status of the power outage than any single radio station that I tuned in to, the biggie AM radio station here was selling vitamins during the entire affair!!

73
Rod in Oceanside.
--
Hark for I have hurled my words to the far reaches of the earth!
What King of old could do thus??
..... AC6V

1124. Special Event Station 9/28/96

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: rinacker@motown.lmco.com
Message-ID: <rinacker-1608961102530001@129.204.156.48>
Source record: 218836

```
============================

Special Event Station Announcement
```

Moorestown, NJ: Victor Amateur Radio Association (VARA). KB2VBI,
1400-1900Z (9:00AM - 2:00PM EDT) September 28. Commemorating Family Day at
AEGIS® Home Port: Lockheed Martin GES. 7.247, 14.251, 21.347, 28. 470 (all
+- QRM) 146.580 Simplex, 444.900/+ Repeater, APRS: KB2VBI

```
SASE for QSL.

QSLs: R. Inacker, 105-047, 199 Borton Landing Rd.
Moorestown, NJ 08057-0927

Email (information only, no QSLs): rinacker@motown.lmco.com

============================

73,
Rich
--
rinacker@motown.lmco.com
http://www.motown.lmco.com/~rinacker
```

1125. Re: Got No-Code...now what?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4v2065$sjq@freenet-news.carleton.ca>
Source record: 218837

Thomas Foster (tlfoster@ix.netcom.com) writes:
> Grady Russell wrote:
>>
>> Passed my no-code tech and now I'm wanting to play! :-) Of course the
>> first thing I did was get the scanner in my car but now I want to yack a
>> little bit. What all can I do? I was thinking of a mobile unit or handheld
>> as it seems I'm always on the road. Figure it could also double as a base
>> unit. I also saw a radio that you could make phone calls on. How do you do
>> that? What are some good resources for a new HAM? I'd like to really be
>> able to talk to people far away. Do I need to learn Morse for this? Any
>> help appreciated!
>>
>> Grady
======= snip =======

CONGRATULATIONS!!!!

you'll know morse in no time...

I used an HTX202 in my car as a mobile for a real long time. That's all
you need. email me if you want a cheap design for a solid holder.

PS: Ignore the non ham crap in this group.

1126. Re: West Coast Blackout

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: Gary Watts <gwatts@qni.com>
Message-ID: <Pine.GSO.3.94.960816095629.26193F-100000@qni.com>
Source record: 218838

Jay,
You sure was busy > 30 phone calls in 4hs 39min
Hummm lets see.. that is about one call every 10 min ..
Were these call emergency in nature?
Maybe you were making calls all local to your serving co that did
not rely on using the inter machine trunks
No wonder why the phone company want us to pay by the call and on a
meter basis...
One call every 10 min.. Jay it was only the lights that went out
relax.. dont call all of your friends to see if they have electric
save the resources for the REAL EMERGENCIES.. and last but not least
Take a DIP ! but dont let your fingers do the walking :-)

> FROM W6GO:
>
> Having read all that, I call for anyone who was not able to make a
> telephone call during the power outage to step up and be counted.
>
> I agree with AC6VV. My power was out 4 hours and 39 minutes. I made
> over 20 calls during that time, both local and long distance. I received
> at least 10 calls during the outage. At no time was there any indication
> of a problem with the telephone service or network. EVERYONE I talked to
> on these calls also experienced a power outage. There was no indication
> from anyone that the telephone system was not working as planned and
> designed.
>
> To cut down on the flames... Yes, I retired from PacBell in 1985, and
> yes, I was responsible for providing technical guidance and support at a
> corporate level to those who sized and designed the network AT THAT
> TIME. We did the best we could then, and in my opinion, even with the
> major changes to the industry since I left, the job of providing a
> telephone system that will handle (minor) emergencies such as the recent
> power outage is still being done. This is not intended to denigrate the
> Amateur radio communications that are **VERY** necessary in a **REAL
> EMERGENCY**, not the minor inconvenience of a few hour power outage.
>
> 73, Jay
> w6go@netcom.com
> --
>
>

.

1127. Re: Generators -- Any thoughts?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: n4jvp@ix.netcom.com
Message-ID: <3214918f.2815630@nntp.netcruiser>
Source record: 218839

On Fri, 16 Aug 1996 13:30:01 GMT, jangus@netcom.com (Jeffrey D. Angus)
wrote:

-snip-
>
>>Need to put some stabilizer in the remaining gasoline?
>>Gas here in California is bogus with the new formula.
>>Have heard, "Store 5 gallons of unleaded. After 3 months
>>mix it into car gas, replace with fresh."
>
>It depends on what you buy. Anything from Arco will eat the rubber
>parts. Considering the need/use/purpose of you generator, buy either
>Chevron or Mobil Supreme (92+ Octane) gasolene for fixed small engines.

Any petroleum product will deteriorate rubber, not just certain
brands. That is why "rubber" fuel lines are actually made of neoprene.
>
>I've stored these gasolenes for over a year with no problems. But I
>do rotate through the vehicles (when I remember). What is more important
>is to cycle the generator at least every 2-3 months or so for an hour.
>
Running the generator (or any internal combustion engine)
periodically is good advice.
>>Check oil every tank of gas I assume. Change it once a
>>year or if especially dirty, sticky?
>
>Actually, the manuals read "Every 100 hours" or more if dirty.
Very few generators intended for home use have hour meters and the
user generally cannot track hours reliably. Once every six months
should be adequate if the generator is not used on a regular basis. I
perform maintenence on mine (5Kw, 41.7A@120VAC/20.8A@240VAC)
every 90 days as the timing coincides with my maintenence period for
my automobiles. If the generator is used over an extended period, ie
FD, maintenence is performed when the unit goes off-line.
>
>>Probably, one wants to ground the generator, and run a
>>power cord into the appliances unless an electrician
>>has installed a double pole double throw switch on house
>>and I have the intelligence to shut A/C, range, oven,
>>and most lights off?
>
>The most common method is to use a double ended male cord. This
>is only remotely safe if you remove the main fuses or shut off the
>main breakers AND LOCK THEM OFF. Nothing will get you in more trouble
>faster than knocking a lineman off the pole down the street or watching

>your generator attempt to phase correct tothe grid when the power comes
>back on line.

Double ended male cord? Don't even think about it! Contact a licensed
electrician and have that person wire at least a DPDT switch between
the generator and the main circuit box. This is the bare minimum
needed for a safe installation.
>
>The "correct" method is a transfer switch. Automatic ones cost about
>$3500 for a 50-150 amp single phase system. American Honda sells a
>manual one with 6-8 toggle switches for around $400.
>
Now we're going in the right direction...

-snip-
>
>Remember, you're setting up an emergency power supply system, not an
>exercise in how much money you can save to find out you cut too many
>corners when you really need it.
>
point well made!

1128. SHORTWAVE RADIO IN SCHOOLS

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: mooney@panix.com
Message-ID: <4v1gvq$gaj@panix2.panix.com>
Source record: 218840

How and where is shortwave radio being used in primary and secondary schools? I understand it is seen as an active, "here and now" tool in increasing the student's grasp of world events, etc.

I'd like to contact educational types who are active in this laudable endeavor. Any clues? Thanks.

--
Michael J. Mooney | Internet:
140-10 Franklin Avenue (B44) | mooney@panix.com
Flushing, New York 11355-2657, USA | 70372.2454@compuserve.com
Fax: (718) 886-0253 | Compuserve: 70372,2454

1129. WA8IMO wants to know !

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: georgehe@unix.asb.com
Message-ID: <Dw7Joz.2E0@news2.new-york.net>
Source record: 218841

>>Origianl post deleted to save space and time spent reading it <<<<

Regarding the comment you highlighted that was representative of two thoughts

Firstly, regarding systems adjacent to the ham bands - I was specifically thinking of the county-wide multi use system here in Suffolk, where RACES officers are given county identifers for use on the system.

Secondly, those occasions where asked to use a particular frequency agencies such as the Red Cross and the local ambulance frequencies come to mind.

Interant frequencies are often used by CAP ground personnel during shelter operations.

The examples given here are never life and death, but its handy to know that you can communicate in these services.

Then you could also become licensed for Maritime or GMRS.

The point is I should not be questioned or have to justify myself to anybody. I don't think that an ARES/RACES card means much to somebody unfamiliar with ARES/RACES, I know what it means in my neck of the woods.

I'm not a cop wannabe, or Junior G-Man.

I know I've been there before as an emergency worker (volunteer fireman) And I know how to act with responsibility and how to make the amateur service look good, not like a bunch of junior G-men or cop wannabes.

Fire, Rescue and Emergency services in this county have permanently assigned ham ops to man the county EOC communications. RACES personnel are issued Motorola "Spirit" voice pagers as are members of the fire and ambulance services.

The situation may be different in your locale, I know what is here.

Coincidently, (sp?) in the August issues of QST and CQ you can read about one of the recent activities are here the wildfires of 1995.

Enough about me, there must be dozens of hams out there who are members of a DMAT or the ARS in Ca. or many other fine amateur groups who can tell you more.

How about volunteer firemen who use their ham gear for their part in the fire service ?

So, whats ARES/RACES all about in your neck of the woods ?

73, George

1130. Re: FCC Ruling Prohibits Unreasonable Restrictions on TV Antennas

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: "Jim O'Connell, W9WU" <jimw9wu@ix.netcom.com>
Message-ID: <3214AEBD.C45@ix.netcom.com>
Source record: 218842
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwaverec.radio.amateur.misc

Rich Carlson wrote:
>
> Does anyone have the text of this ruling? I am trying to get my townhouse
> association to allow a DBS dish and a discone for scanning on my roof, and
> this may help push me over the edge as it were...
>
> --
> Rich Carlson, N9JIG (n9jig@TheRamp.Net)
>
> ScannerMaster Illinois Communications Guide (800) 722-6701
>
> CARMA (Chicago Area Radio Monitoring Association) BBS (630) 852-1292
> PO Box 2681, Glenview IL 60025 SASE for sample newsletter.

Rich: A copy of the Report and Order In the Matter of Preemption
of Local Zoning Regulation of Satellite Earth Stations
can be downloaded or read at http://www.fcc.gov

Look for it in the headlines section on the first page for the
link. I'm not sure it will help you if you're in a townhouse and
don't own any roof/outside wall rights.

73, Jim O'Connell, W9WU ARRL Volunteer Counsel

1131. Re: Icom-735 question.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4v0ru2$16q@lehi.kuentos.guam.net>
Source record: 218843

torpor@fnal.gov (Lester Wahl) wrote:

> I would like to obtain information on how to unlock the
>Icom-735 to transmit on it's entire frequency spectrum.
> Has anyone performed these mod(s); or direct me to
>someone who has?
> Please reply to: torpor@fnal.gov

>Thanks.

Cut diode D16 on the main board.

1132. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <4v0r3i$q7a@dfw-ixnews9.ix.netcom.com>
Source record: 218844

In <321313DE.3F8F@juno.com> Burt Fisher <kotzebue@juno.com> writes:
>
>Gerald Schmitt wrote:
>> >Are you saying your contact with his employer was not an effort to
>> >affect his employment?
>>
>> That is exactly what I am saying. I contacted them as did two
>> physicians because of concern about what he was saying. Please also
>> note that I asked him if the University supported his position and
he
>> invited me to send the corespondence to them. In email he explicitly
>> told me to do this.
>
>He appears to have asked for what you did.
>
>>
>> When we are being controversial it is best to leave our employers
out
>> of the stew. You show good judgement in this. How about giving the
old
>> guys and us Germans a break for a while.
>
>I will lay off the Germans per your request.

Thank you Burt and I will stop abusing your sig block. Both of us being
civil to each other should scare the Hell of some folks.

73 Jerry
>
>
>#===============#===
#
>| Burt Fisher | Teacher of video, broadcasting and electronics
|
>| Amateur call | South Dennis, Ma. (Cape Cod)
|
>| K1OIK | Mr. Happy should not be happy all the time.
|
>#===============#===
#
>| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu
|
>#===
#

1133. Re: Antenna Driving me nuts

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: w7el@teleport.com
Message-ID: <4v2cdf$g62@nadine.teleport.com>
Source record: 218845
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna

In article <3213DD20.101F@ix.netcom.com>,
KD1YV <jimkd1yv@ix.netcom.com> wrote:
>>I cannot get the SWR reading below 6:1.
>
>Probably a bit late to be joining in the fray, but what are you using for insulators,
>most particularly the center insulator. The reason that I ask is that I recently read
>that some PVC compositions can be _conductive at RF_. Now that's nasty, eh? I often
>use PVC pipe for small antenna projects.
>
>I can't remember where the article was, but it suggested an easy way to check your
>particular piece of PVC. Put a glass of water (as a "safety valve") and a small piece
>of the PVC into your microwave oven. Turn it on high for 1 minute. Check the PVC for
>any noticable warming (to the touch.) If not, repeat immediately for a second minute.
>If still no warming, then the PVC is usable for your antenna projects.
>
>73 de Jim, KD1YV

I and quite a few other people would be very interested if anyone actually finds RF-conductive PVC. If anyone does, please post it!

Many years ago, a well-known writer made a 160-meter antenna loaded with a long coil wound on a piece of PVC pipe. The coil melted when he applied a kW, so he wrote that PVC was lossy at RF. It turned out that the PVC melted because the wire got extremely hot due to plain old skin resistance. (The coil had lousy Q and a whole lot of current.) The myth persisted for years, though, and might even be the source of your information. (I don't believe that a retraction was ever printed. Like several well-known writers, he wasn't known for publicly admitting mistakes.)

Note that while material which passes the microwave test will be fine at HF, some materials which fail will also be fine at HF.

(I see that this was posted to a large number of newsgroups. I've limited my response to rec.radio.amateur.misc and rec.radio.amateur.antenna.)

Roy Lewallen, W7EL

1134. Re: Antenna Driving me nuts

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: "William E. Sabin" <sabinw@crpl.cedar-rapids.lib.ia.us>
Message-ID: <3214DA66.40E4@crpl.cedar-rapids.lib.ia.us>
Source record: 218846
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna

Roy Lewallen wrote:
>

> I and quite a few other people would be very interested if anyone actually
> finds RF-conductive PVC.

I have read that polyethylene losses at higher frequencies are due mostly
to hysteresis effects in the dielectric molecules caused by the
oscillating electric field, rather than by RF conductivity.

Bill W0IYH

1135. FT-530 Mod Help Needed N. Georgia

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: "Daniel Bell, Jr." <kc4oxp@ilinks.net>
Message-ID: <321476BC.7326@ilinks.net>
Source record: 218847

First of all thanks for reading this message. I am a disabled ham, I want to get in contact with a ham that has performed the mod to the FT-530. Hopefully someone that is in the Gwinnett/Barrow/Hall county area. I have opened the radio many times, and have yet to see the jumper that needs to be removed.

Any help will be greatly appreciated

73 Danny, KC4OXP
kc4oxp@ilinks.net

1136. Re: FS: All Ham Bands, Reply to Republican Congress

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4v22v1$bb@freenet-news.carleton.ca>
Source record: 218848

Jim Kehler (pacrimgolf@kuentos.guam.net) writes:
> Steve Sampson <ssampson@oklahoma.net> wrote:
>
> <potty mouth adjectives snipped.....>
>
>>Only a moron would claim to be a democrat...
>
> And only a moron would get that upset about what politicians do or don't
> do - and then post it in three radio related newsgroups. So does that
> proves there are morons in both parties ?
>
> Hafa Adai,
> Jim KH2D
>
>
>
There are morons in our political circles too. New Democrats,
Conservatives, Liberals, Reform Party.

But do snakes eat little politicians?

1137. Re: READ THIS NOW!!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: jxs2151@shore.intercom.net
Message-ID: <4v2jeb$jqi@shore4.intercom.net>
Source record: 218849

Hams wishing to complain about this posting should email info@usit.net

Jeff

In article <4v18hd$l35@news.usit.net>, pmcdaddy@usit.net (David) wrote:
>Turn a measly $5 into $50,000!
>
> Taking 5 minutes to read this text may be one of the best decisions
>you
>
> ever made.
>

>
> 5. Patrick McElroy 818 Hollow Creek Dr. Newbern, TN. 38059
>
> **********
>
l

1138. Re: Generators -- Any thoughts?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: w7el@teleport.com
Message-ID: <4v2k74$jqc@nadine.teleport.com>
Source record: 218850

In article <4v0uvs$be3@opal.CyberGate.COM>, <> wrote:
>With the power outage here in the west last Saturday,
>I was thinking about getting a multi use generator.
>
>Does the group have any thoughts?
>
>I'm thinking 2250 watts, good muffler, to run fridge,
>couple of lights, couple of fans, maybe alternating
>fridge (1 hour on) with room air conditioner (3 hours
> on). Field day once a year, emergencies other times.
>. . .

How big of a generator does it take to start a typical freezer or refrigerator? I have a 1 kW generator, and it wouldn't even begin to start the freezer motor, even though the running power is much less than the generator's capacity.

Roy Lewallen, W7EL

1139. Re: West Coast Blackout

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: Linda Stocks <linda@wheel.dcn.davis.ca.us>
Message-ID: <Pine.SUN.3.90.960816111839.13698B-100000@wheel.dcn.davis.ca.us>
Source record: 218851

Here in Davis my power was out for about 2-3 hours and I also had no
problem with the phones. ...of course I didn't try my cordless phone
because I knew _it_ wouldn't work. I always keep a conventional phone
in-line for power outages.

```
-------------------------------------------------------------
| Linda Stocks | My opinions are my own, but I |
| AA6MR | tend to give them away to anyone |
| | who fails to flee fast enough. |
-------------------------------------------------------------
```

1140. dual band radio - which one?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-16 00:00:00 UTC
From: georgehe@unix.asb.com
Message-ID: <Dw8q9z.L4r@news2.new-york.net>
Source record: 218852

Hi all,
Looking to purchase a new dual bander.
So now the questions begin.
Mobile or HT ?
Which one?

Your opinions would be helpful

73, George

1141. Re: complete text - new fcc antenna rule

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: jangus@netcom.com
Message-ID: <jangusDwAJ9F.Bn1@netcom.com>
Source record: 218704

johngk@iglou.com writes:

>here it is.

That's pretty complicated. Did I miss something?
(Hears voice in the background "Why's the King nekid?")

jeff

--
Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NA | "It is difficult to imagine our
Internet: jangus@skyld.grendel.com | universe run by a single omni-
US Mail: PO Box 4425 Carson, CA 90749 | potent god. I see it more as a
Phone: 1 (310) 887-8545 | badly run corporation."

1142. uk radio agency info

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: bert@skypilot.demon.co.uk
Message-ID: <3215deff.2050053@news.demon.co.uk>
Source record: 218705
Cross-posted to: uk.radio.amateur,rec.radio.amateur.policy,rec.radio.amateur.misc

```
The Radiocommunications Agency
The Radiocommunications Agency
==============================
The Radiocommunciations Agency is an executive agency of the
Department of Trade and Industry and is responsible for the
management of that part of the radio spectrum used for
civil purposes within the UK.

One of their responsibilities
is the use of amateur radio and this includes
the following.

* Advising government on policy matters.
* Considering the need for changes to licence conditions.
* Interpretation of licence conditions.
* Taking responsibility for the Novice Licence Training Course,
the
RAE, the NRAE, the 5 and 12 wpm Morse code tests.
* Taking responsibility for the distribution of amateur licences.
* Taking part in international discussions on behalf of UK
amateurs.
* Co-ordination of clearance procedures for beacons and
repeaters.
* Provision of information.
* Promotion of amateur radio.
* Enforcement of the Wireless Telegraphy Act.

The amateur Radio Licence
=========================
The Agency works closely with the RSGB to ensure that the amateur
licence
fully meets the needs of today's amateur. Changes normally occur
following
representations made to us by the RSGB and the Agency meets regularly
with
them to discuss possible changes. There are only limited resources e
amateur radio service and channelling of views through a
representative
organisation allows the RA to make maximum use of those resources.
It is of course important to balance these views and hence the Agency
will also receive comments from individuals.
If you would like clarification of an existing licence condition,
you can contact the RA at the following address:
```

Radiocommunications Agency
New Kings Beam House
22 Upper Ground
London SE1 9SA

Amateur Radio 0171 211 0160
Karen Scott 0171-211 0157
Answerphone 0171 211 0591
Fax 0171 211 0162/0163

Main switchboard 0171 211 0211

Any changes affecting all amateurs are announced in the London,
Edinburgh and Belfast Gazettes as, well as in the amateur press.
A copy of the licence conditions is provided when a new licence is
issued
and if there are subsequent changes an updated copy is provided at the

time of renewal.

Examinations
============
The RAE and NRAE are run on the RA's behalf by the City and Guilds
London Institute. The Agency works closely with City and Guilds
and RSGB through advisory committees to ensure that the present high
standards are maintained and that the syllabi are kept up to
date.

The Novice Licence Training Course and both Morse tests are run on the

Agency's behalf by the RSGB and again we are closely involved in both
the standard examination and the format of the actual course and
tests.
reciprocal agreements which allow UK

Distribution of Amateur Radio Licences
======================================
The administration of licensing is carried out on the RA's
behalf by Subscriptions Survives LTD. If you have any queries
about individual licenses you should contact them direct on the
address below. They also operate a telephone helpdesk 0117 925 8333

Radio Licensing centre
Subscription Services Ltd
PO Box 885 Bristol;.

International Discussions
=========================
Reciprocal Agreements.
The Agency has already negotiated a number of reciprocal
agreements which allow UK amateurs to operate abroad
There are still a number of countries with which no agreement
currently
exists; however the Agency will continue to make contact in these

cases.

Commonality of Licence Conditions.
==========
The Agency represents the UK within the CEPT and is
working towards harmonisation of licence conditions
and mutual recognition.

Control of Interference.
==========
The RA is responsible for administering
the International Radio Regulations in the UK, and as such may not
give
any station a frequency which would cause interference to station
operating within the International Telecommunications Convention

The Repeater Network
==========
Although initial vetting of applications is carried out by the Society

on the RA's behalf, nevertheless the Agency is responsible for the
final
clearance of applications. This can be a relatively long procedure as

clearance usually involves consultation both with other Government
departments and with the Agency's own RIS Investigation Service.

A number of free information sheets are made available through:
====
The Information & Library Service
Radiocommunications Agency
New Kings Beam House
22 Upper Ground
London
SE1 9SA
Answerphone 0171 211 0591

Fax 0171 211 0162/0163

The following are some of the information sheets which
relate specifically to the amateur service:

RA 67 The Radio Users Guide to the Law
RA 165 Application for Novice Licence
RA 166 The Novice Licence
RA 169 Receive only - Scanners etc.
RA 178 Transverters and Transverter Drivers
RA 179 Advice on Television and Radio Reception
RA 180 Licensing
RA 181 Morse
RA 182 Amateur Radio Call Signs
RA 183 Clubs and Societies
RA 184 Examinations (RA.E /NRAE)

RA 186 CEPT (UK Licensees)
RA 187 CEPT (Visitors to UK)
RA 188 Application for an Amateur Radio Licence
RA 189 Applications for a Temporary Licence
RA 190 How to Become a Radio Amateur
RA 198 Abuse of Amateur Radio
RA 206 Addresses of Radiocommunications Agency Local District Offices
RA 234 EMC and the Radio Amateur

The RA Annual Report: Gives a yearly review of the work of the RA.
it is in two parts: Part 1 and Part 2 (Free)
Published in June of each year.
If you register RA will send it annually.

Also available is the RA internal telephone directory which
is very useful for seeing who works in which department and their
direct line number.

Promotion of Amateur Radio
==========
The Agency is well aware of the importance of amateur radio as a valuable
training ground for careers in radio and electronics and the RA try to

promote amateur radio as much as possible. The novice licence, for example,
was designed specifically to encourage young people into the hobby and it is
hoped that novices will progress to becoming full licensees.

Enforcement
==========
The number of people who misuse amateur radio is fortunately small. Nevertheless, there are some individuals who cause considerable problems to other amateurs or to other licensed radio users by transmitting on unauthorised frequency bands, use obscene language or generally use radio in an anti-social way. The Agency works closely with the RSGB's Amateur Radio Observation Service (AROS) in dealing with problems of abuse. Speculative monitoring by the Agency is expensive and amateurs are therefore requested to report problems of abuse direct to AROS for action in the first instance. Appropriate cases can then be referred to the Agency for detailed investigation. Details of the procedure for reporting abuse is set out in the leaflet RA 198 - referred to above. Having obtained evidence against an offender the Agency will either issue a formal warning, revoke a licence and/or initiate prosecution proceedings, depending on the seriousness of the offence.

The Annual Report and all information sheets are free you can
ask to be placed on the RA mailing list. They will then send you
their quartley update publication.

The UK Radiocommunications Agency Webb site
==========
The Radiocommunications Agency is responsible for amateur radio in the UK
and can be found at:

HTTP://www.open.gov.uk/radiocom/rahome.htm

E-Mail address is: library.ra@gtnet.gov.uk

1143. (954)384-7960 Stop the name calling Thom

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <32164B9F.35A5@juno.com>
Source record: 218706

Thomas J. Penton wrote:

> Burp you were thinking of new ways to flame this ng, if you dont like hams why flame this ng.

Burp?
Is it necessary to insult?

Penton, Thomas J...16012 Fairway Cir...Fort Lauderdale, FL 33326-1405
Phone: (954)384-7960

```
#================#============================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | Mr. Happy should not be happy all the time. |
#================#============================================================#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#=========================================================================#
```

1144. Re: FCC Ruling Prohibits Unreasonable Restrictions on TV Antennas

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: billn@PEAK.ORG
Message-ID: <4v3j11$9u9@bashir.peak.org>
Source record: 218707
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwaverec.radio.amateur.misc

Bob Stroupe (bstroupe@neosoft.com) wrote:

: Nice try guys, but I might wait a while before starting construction of that
: favorite "look alike" antenna. This one is DEFINITELY going to end up in
: court as has been discussed on several broadcasting list severs because the
: FCC is trying to preempt deed restrictions and every homeowners association
: is against this. Just waiting for the fireworks to begin.

There shouldn't be too much of a problem for the FCC. After all, they have
at least one precedent - when they overrode a lot of state and local laws
in regards to Ham antennas.

Bill

1145. Re: FCC Ruling Prohibits Unreasonable Restrictions on TV Antennas

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: rcoxadv@xnet.com
Message-ID: <rcoxadv-1708960327030001@flood.xnet.com>
Source record: 218708
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwaverec.radio.amateur.misc

>actually, wouldn't a TV antenna work for 6 and 220 without too much effort?
>and 2m might just work on an LP type antenna...will have to see if it's
possible
>to do some measurements....wouldn't expect there to be too much modification
>needed for the use of an existing TV antenna as a transmitting antenna in
>the amateur service -- short of adding a balun (6:1 for 300:50
transformation) and
>maybe doing some minor changes to the element lengths.
>
>>>
>>> Bill Sohl K2UNK
>>> ARRL Local Gov't Liaison, Mt. Olive Township, NJ
>>
>>How about a sky of aluminum with a $40 Radio Shack Antenna on top?
>>YES!!!!!
>>73 de JIM N2ZZ
>
Check out the Grove Scanner Beam. I've got one and it looks just like a TV
antenna except it's mounted vertically instead of horizontally. I know
your able to TX on 2m with it. I've used it that way and the manual says
you can TX with it using up to 25W.

Jon Peterson N9OUM

1146. Amateur Radio Newsline #992 16 August 1996

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: bigsteve@dorsai.org
Message-ID: <7+nFyQQI8pNJ091yn@dorsai.org>
Source record: 218709
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB NEWSLIN @ ALLBBS $NLIN.992
Amateur Radio Newsline #992 16 Aug 1996

The Newsline Information and Copyright Notice is now published seperately every month. Please read this notice before using any part of Newsline in any manner. For a copy of the notice e-mail bigsteve@dorsai.org or netmail Steve Coletti @ 1:278/230 on Fidonet.

NEWSLINE RADIO - CBBS EDITION #992 - 08/16/96

(**)
(* *)
(* A M A T E U R *)
(* *)
(* R A D I O *)
(* *)
(* N E W S L I N E *)
(* *)
(**)

The following is late news about Amateur Radio for Radio Amateurs as prepared from NEWSLINE RADIO scripts by the staff of the AMATEUR RADIO NEWSLINE, INC., formerly the WESTLINK RADIO NETWORK. Amateur Radio Newsline is a audio news service distributed via telephone.

This hardcopy version is produced by Dale Cary - WD0AKO from scripts provided to him weekly by Newsline. It is then distributed to on-line services, bbs networks and internet user jointly by Dale Cary and Steve Coletti.

Editorial comments, news item and all other business should be directed to:

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America Online: billwa6itf@aol.com
Phone: (805) 296-7180
Fax: (805) 296-7180
(Fax senders wait for voice prompt.)

Hardcopy comments or complements can be directed to:

Dale Cary, WD0AKO
Hardcopy Distribution for Newsline
Internet E-mail: wd0ako@rrnet.com

Phone: (218) 236-6324

(**********
Some of the hams of AMATEUR RADIO NEWSLINE: WA6ITF WB6MQV WB6FDF K6DUE W6RCL N6AHU N6AWE N6TCQ K6PGX N6PNY KU8R N8DTN W9JUV KC9RP K9XI KB4KCH KC5UD KC0HF G8AUU WD0AKO DJ0QN and many others in the United States and around the globe!!!
(**********
[992]

C l o s e d C i r c u i t A d v i s o r y

The following advisory is not necessarily for broadcast. Due to Newslines involvement in the presentation of the 1996 Young Ham of the Year Award in Huntsville Alabama, Newscast 992 is being released one day early. This ends the closed circuit with Newsline report number 992 for release on Friday, August 16th, 1996 to follow.

(*****
The following is a QST

Hams react with anger to new RF exposure limits, the FCC says to be more careful filling out vanity call sign applications and a ham radio magazine says no to advertising from CBers. These stories and more on Newsline report number 992 coming your way right now!

(****
NEW RF SAFETY STANDARDS

The new government mandated RF safety standards for ham radio operations that were announced last week are causing cries of indignation from many in the Amateur Radio community. Hams are saying that they don't want them and some say that they are readying legal challenges to stop their implementation.
The new rules announced by the FCC take effect on January 1, 1997. They will impact on the way hams running 50 watts or more peak envelope power out, on any band, operate. Also, on the way every radio amateur interfaces with the non ham community. This is because the FCC now will require hams to consider the possibility of health problems related to radio frequency energy exposure from their stations to members of the general public.
In its Report and Order on ET docket 93-82, the Commission adopted Maximum Permissible Exposure limits for electric and magnetic field strength and power density for transmitters operating at frequencies from 300 kHz to 100 GHz. This includes transmitters used in the Amateur radio service. These new MPE limits are generally based on recommendations of the National Council on Radiation Protection and Measurement. In some respects, they are also based on the guidelines issued by the Institute of Electrical and Electronics Engineers and subsequently adopted by the American National Standards Institute. In formulating the new rules the Commission used the 1992 ANSI and IEEE standards instead of the 1982 ANSI standards. The 1982 standards had formed the basis for the existing rules under which Amateur Radio stations were categorically exempted. And

judging by conversations heard on the air, monitored on packet and going on the Internet, the ham radio community wants the old standard put back in place.
While ARRL Executive Vice president Dave Sumner, K1ZZ writes that the FCC expects it will not be difficult for most amateur stations to show that the specified limits will be met, hams are not convinced. Most fear that the enactment of these new RF exposure guidelines will give new legal arguments to states and municipalities to ban not just antennas and towers, but also the operation of radio transmitters as well. Hams also worry that the federal, state and local bureaucracies will each place individual demands on ham stations to prove compliance through costly scientific testing. Testing that some say, no ham could afford.
Also worrying hams is the question of personal liability. Many Internet postings note that there are a lot of lawyers looking to make names for themselves by soliciting cases that hold the possibility of setting legal precedents. Many wonder who will be the first target of one of these career seeking legal minds willing to bankrupt a ham just to put his name in the ranks of legal experts on another innocuous cause celebe.
As we go to air, it is not clear as to exactly what is involved in conducting a routine RF radiation evaluation. Dave Sumner says that the commission has promised to release a revised bulletin titled Evaluation Compliance with FCC Specified Guidelines for Human Exposure to Radio Frequency Radiation. It is hoped that document will spell out the level of involvement and monetary expenditure of RF compliance certification that will be required by hams. In the meantime, the ARRL says that it is studying the 100 plus page docket, to see if the League should seek reconsideration of any aspect of the FCC decision. Even if the League does not file a challenge, from what we are reading on the Internet, it seems likely that more than a few individual hams will.

(*****
FCC VANITY CALL SIGN ADVICE: READ THE DIRECTIONS!

The FCC wants hams to be a lot more careful in the way they fill out their paperwork when applying for vanity call signs. So says Larry Weikert, who is the FCC's point man in Gettysburg for processing vanity call sign applications. Weikert says that many vanity applicants are failing to follow directions when filing the Form 610V vanity call application. He asks that all applicants take the time to carefully read the instructions and follow them explicitly to avoid problems or disappointments. In addition, applicants should always print legibly. Weikert also says that some applicants are attaching Form 610s to their vanity call sign applications to renew licenses or to file an address change. He says that Form 610 transactions should be filed separately. They should not be included as part of a vanity call sign application.

(*****
HAM RADIO CONCLUDES AIR CRASH SUPPORT

More than 125 hams from the Greater New York City-Long Island vicinity have already contributed more than 2500 volunteer hours to support recovery

operations in the wake of the TWA Flight 800 disaster. Although the recovery effort continues, and Amateur Radio remains on call, official involvement by hams concluded the last weekend in July.
Walt Wenzel, KA2RGI, the regional RACES officer for the New York State Emergency Management Office had high praise for the work of the ham radio volunteers. Wenzel also offered some lessons learned from the recovery support effort. He says that hams must learn not to always count on 2 meter repeaters alone to provide coverage of a disaster area. He also says to keep a database of available equipment that can be loaned to operators who turn out to help.

(*****
NO MORE CB ADDS

Amateur Radio Trader magazine says that it will no longer carry ads for any type of 11 meter CB related equipment. This includes such items as legitimate CB transceivers, related 11 meter equipment and amplifiers capable of operating on the 11 meter band. In a published statement to his readers, Editor Nick Smith, WA4GKM says that maintaining the high standards expected of the Amateur Radio service is the reason that hams have received a high level of respect. He says that Amateur Radio Trader has decided to assist in maintaining that level of respect by keeping the magazine as a ham radio only publication.

(*****
W2NSD FILES PERSONAL BANKRUPTCY

Financial problems continue for 73 Magazines Wayne Green, W2NSD. On July 3rd, Green filed a voluntary petition for Chapter 7 individual bankruptcy in the United States Bankruptcy Court for the District of New Hampshire. In his petition, Green lists his total assets at just over $5000 and liabilities exceeding one million dollars.
Greens' declaration of personal bankruptcy comes only a month after his Wayne Green Incorporated filed for business bankruptcy. Not included in either filing is 73 Magazine long associated with Green. Two years ago 73 was sold to his wife Sherry Smith-Green. Sherry Green reportedly has a new staff already in place so that publication of 73 should remain on schedule for the foreseeable future. Wayne Green, W2NSD, is expected to continue contributing editorially.

(*****
ALABAMA PLATES

Amateur radio operators in Alabama are getting something they've been wishing they had for years.

Take a look at a current Alabama amateur radio license plate and it looks a lot like a regular plate, the only difference is that the ham's call sign appears in place of the regular license numbers. That has led to years of questions from non-hams, wondering about the strange mix of letters and numbers. Alabama hams have wished for something more distinctive, a plate that clearly identifies amateur radio. They'll soon

be getting their wish. It's all thanks to Lawrence Thompson, KE4RPX, of Montgomery.

"My former background was, before I became a priest, was I had been a lobbyist in Kentucky. I thought I knew my way around the legislative process firly well. And it occurred to me, why go to the legislature, which is what the people seem to be suggesting? Instead, the enabling legislation was already on the books. So, to me this was an administrative process and that is what it turned out to be." Thompson

Thompson contacted the state's Department of Motor Vehicles. A few meetings and phone calls later, and Alabama hams get approval for new plates they can call their own:

"I'd had a lot of hams say 'why hadn't we had this done' and when it all came down to the end it took three and a half to four hours to do the whole process. When you lump up all the time togather. But I asked the guy at the Motor Vehicle station, had anybody ever contacted him about it? And he said no. He had been here twenty six years and nonbody had even asked me about it. So, twenty six years and four hours. So that's how long it took!" Thompson

The new plates leave no doubt as to what the letters and numbers mean. Thompson helped design it:

"This tag says amateur radio at the bottom. It has a tower on the left hand side of the tag. So from a distance it will be easily visable that it is a ham radio operator driving the vehicle." Thompson

A wish Alabama hams have had for decades answered with four hours work. The new plates will be available starting in January.

Lawrence Thompson learned something else during his work to get new plates for hams. He says Alabama enacted legislation permitting amateur radio license plates back in August 1951, making it the first state in the U.S. to do so.

(*****
AMATEUR RADIO AWARENESS DAY IS SEPTEMBER 21

Amateur Radio Awareness Day take place this year on September 21st. Amateur Radio Awareness Day is an annual ham radio event designed to interest the general public in local ham radio activities and spread the word of ham radio's readiness to assist the community.
Press kits and other aids to help you promote ham radio for Awareness Day are available from ARRL's Public Relations Office. Contact:

Jennifer Gagne, N1TDY
Monday to Friday at (860) 594-0328
from 9 am to 4:30 pm, eastern time.

(*****
NEW SHOW

"Into Tomorrow" with Dave Graveline, The Consumer Electronics & Technology radio network program, is now available nationwide. The show airs live on Saturday mornings from 10am to Noon, Eastern Time, from Dave's home in Miami Lakes, Florida, via an Integrated Services Digital Network line to the ABC Radio Network satellite Uplink in New York City. Discussions center around the latest in technology for all kinds of products and services. The show is highly interactive, with listeners encouraged to join the show live via E-mail as well as toll free open phones. Listen for Into Tomorrow on the Satcom C5 satellite, Transponder 23, SEDAT Channel 15.

(*****
1996 ARRL AND TAPR DIGITAL CONFAB SET

Mark your calendars and make plans now to attend the year's premier Amateur Radio digital communications event. The 1996 joint ARRL and Tucson Amateur Packet Radio Digital Communications Conference is set for September 20th to the 22nd in Seattle, Washington, just minutes from the SeaTac Airport.
This marks the first time the ARRL Digital Communications Conference and TAPR Annual General Meeting have joined into one conference. Local sponsors include the Puget Sound Amateur Radio TCP/IP Group and Boeing Employees Amateur Radio Society.
For more information on the conference, registration, and hotel reservations, contact:

Tucson Amateur Packet Radio
8987-309 East Tanque Verde Rd, No. 337
Tucson, Arizona
85749

(*****
UK BENEFACTOR

From overseas, word that Gerald Clews, G7PRF, of the Electrical and Electronic Engineering Faculty at King's College, London, was presented with a cheque for 500 pounds from the RSGB Legacy Fund by Ron Broadbent, G3AAJ. The RSGB Council agreed to use some of the Legacy Fund to make an annual award to a university. After approaching several institutions, it was decided to make the funds available to King's College.
The monies will be used to help a student who is taking a degree course in radio communications or electronics. Gerald was chosen by the College as being the most deserving.

(*****
NEW LIFE FOR OLD HEATHKITS?

If you are a Heathkit aficionado, listen up. The ARRL Lab's Mike Tracy, KC1SX, says that he has uncovered a possible source for surplus Heathkit parts that Heath sold off a number of years ago. It's a company called Spectrum Electronics located in Grand Rapids, Michigan.
Mike Tracy says that although Spectrum Electronics is strictly a repair business, if you let them know what specific Heath part number you are

looking for, they may be able to provide it. However, he emphasizes that you must be specific and you must supply exact part numbers.

(*****
DX

In DX, word that the Long Island DX Bulletin will be known as The DX Reporter. This after famous DXer and writer Chod Harris, VP2ML, turns over the reins to new publishers Paul and Nancy Smith, AE4AP and KB4RGW. They are also will taking over the DX Bulletin and The DX Magazine from Harris. The DX Reporter will be published every two weeks. The changeover is supposed to happen within a few weeks.
The Smiths already produce The GO List and QSL Manager Lists that they previously acquired from Jay and Jam O'Brian W6GO and K6HHD.

(*****
K6JJN - SK

Mildred L. Gentry, K6JJN, the widow of silent key repeater pioneer Arthur M. Gentry, W6MEP, has died. "Millie" as she preferred to be known on the air in Southern California was her husbands partner in the operation of the nations first practical ham radio repeater. She died in Beaver, Oregon of natural causes on Monday August 5th. At the time of her death, Mildred Gentry K6JJN as 84 years of age.

(*****
GET WELL N1RNA

And finally, get well wishes go out to Janet Rice, N1RNA. Rice, of Reno, Nevada is the Treasurer of the Wide Area Data Group. She recently suffered two strokes followed by surgery. Janet who is only age 45 and who has two children is now in long term recovery.
Get well wishes can be sent to:

Janet Rice
c/o Wide Area Data Group
P.O. Box 3132
Sparks, Nevada
89432

Anyone wishing to send a donation to help with the enormous medical bills she has incurred can send to the same address or to any Bank of America branch in the name of Janet Rice at account number 650087847.

(*****

And for this week, that's all from the Amateur Radio Newsline. You can write to us at:

Newsline
P.O.Box 660937
Arcadia, California
91066

For now, with Bill Pasternak, WA6ITF at our editors desk, we at Newsline
say 73 and we thank you for listening.

(* * * Newsline is copyright 1996 & all rights are reserved. * * *

--
< ^^>
< "Big Steve" Coletti >
< Computer and Network Installation, Upgrades and Repair. >
< Internet: bigsteve@dorsai.org >
< I was balding, then I installed Windows 95 and pulled the rest out. >
< US Mail: P.O. Box 396, New York, NY 10002 >
< Fax Weekdays/Voice Weekends: +1 212 995-2637 >
~~~~~~
~~~~~~

1147. Re: The Winning 2M HH recommendation was

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: n5ejs@linknet.net
Message-ID: <8117cc$01c20.28d@NEWS>
Source record: 218710

Burt Fisher <kotzebue@juno.com> wrote:

:>I received quite a few recommendations based on my request
:>on the best handheld. I thanked all the senders and I decided to
:>get the Yaesu FT11R based on a recommendation and a QST review.

:>The Alincio DJ-F1T was close.

:>I bought from HRO.

I'm glad you posted this Burt. Given your image and guessing at some of the replies you must have got, not to mention the scrutiny that you probably applied to the legitimate ones, I would probably have to buy one for myself if I were in the market. I'll make note for future reference.

de N5EJS
Russ

1148. N.Coast Aust. Packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: RFBG67A@prodigy.com
Message-ID: <4v3mng$1s3k@usenetp1.news.prodigy.com>
Source record: 218711

A friend of mine (KE6ZYK) is going on a sailing trip, and will be going by way of the north coast of Australia. Does anybody know of any packet links (HF or 2M) in that area? And possibly packet links in Hawaii and French Polynesia (Tahiti)?
Thanks in advance!
73's
KF6CND
RFBG67A@PRODIGY.COM

1149. Need schematic tcm 3105,am7910,am7911

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: rgramas@orion.it.luc.edu
Message-ID: <4v4ght$85l@artemis.it.luc.edu>
Source record: 218712

Hello and tnks for reading this. If anyone has or knows where to get
these schematics please advise me: TCM 3105, AM 7910, AM 7911.
Ray KA9ITZ

rgramas@orion.it.luc.edu

1150. IS THERE AN INDEX OF NETS?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: carl@ambrosia.demon.co.uk
Message-ID: <321487f9.46798022@news.demon.co.uk>
Source record: 218713

I was wondering, with the wide appeal that ham radio has, and the number of nets that have run over the years, has anyone collated the hf nets that do exist and listed them anywhere. Could be that a central point for posting the existance of nets could attract a few more folk.

Anyone?

Carl gw0tqm@ambrosia.demon.co.uk GQRP 9107
http://ourworld.compuserve.com/homepages/csl/gw0tqm.htm

1151. 1,000,000 qsl cards thrown away per year

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: bert@skypilot.demon.co.uk
Message-ID: <3215e62d.3888013@news.demon.co.uk>
Source record: 218714
Cross-posted to: uk.radio.amateur,rec.radio.amateur.policy,rec.radio.amateur.misc

the rsgb have 2,000,000 cards through per year but only 50% are
collected. what a waste of trees by radio amateurs.
what can be done to lessen this waste.

1152. iaru future of amateur radio commitee

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: bert@skypilot.demon.co.uk
Message-ID: <3215e6e3.4070407@news.demon.co.uk>
Source record: 218715
Cross-posted to: uk.radio.amateur,rec.radio.amateur.policy,rec.radio.amateur.misc

IARU Future of the Amateur Service Committee.
Thanks to Kees Murre, PA2CHM, in his article in the June 1996 edition of
ELECTRON, we now have a better idea of what this committee is charged with.

First, the prime purpose is to study the international regulations covering the Amateur Service and the Amateur Satellite Service with a view to formulate any possible changes, required to come to a correct representation of the aims, requirements, obligations and privileges for
the Amateur Service in the next century, so that the Amateur Service remains viable, meaningful and of value, not only to the general public
but also to the licensees, whereby the following must be considered: the definition of the Amateur Service, - the character and content of transmissions by amateur stations, - the provisions required for emergency, that is disaster, transmissions, - to ease the requirements to achieve international recognition of the Amateur Service, - the technical and operational qualifications for transmitting amateurs and any other question considered to be of relevance by the working group.

Further, the working group will also:
start discussions by means of supplying discussion topics, supply of background information and possible solutions, - invite persons, groups
(branches or clubs), member organisations, such as the WIA and regional
organisations (lARU Regions) to comment on these topics.

Although '99 appears to be far away, it is essential that preparations commence now to encourage opinions before it is too late. At the Region
I Conference in Oct 1996, it is hoped most of the Societies have some ideas
on how to react to the various points raised, and, no doubt, the Region 3
Conference next year will be busy to discuss WRC-99, they will have to do it,
because there will then be less than 2 yrs to go.

Article Sl.56 of the Radio Regulations states that the Amateur Service is a radio communication service for the purpose of self-training, inter

communication and technical investigations carried out by amateurs, that
is, by duly authorised persons interested in radio techniques solely with
a personal aim and without pecuniary interest. But, of greater impor-
tance to us, is article 25, section 1 of the ITU Radio Regulations, What
the amateur can and can not do.
What then does article 25 say about the Amateur Service,
quite a bit, no less than 11 subsections.
l: comunication between amateurs of different countries is prohibited if 1
of those countries has objections against such a contact.
2: messages may only be transmitted in clear language & the nature of such
messages may only be of a personal and/or technical nature of such minimal
importance that the use of a public service (telephone) is not required.
3 & 4: communications on behalf of a 3rd party is absolutely forbidden

unless the administrations themselves allow this.
5: It is mandatory to pass a Morse test successfully when using frequencies
below 30 Mhz. The Morse test must be sent by hand & received by ear.
6: Administrations are responsible to take any actions they deem fit to
ascertain whether a person has the necessary technical & operational
qualifications to operate an amateur station.
7: Maximum power of transmissions is determined by the administrations,
depending on the qualifications & conditions under which the stations
may operate.
8: the transmission frequency must be stable & free of harmonics.
9: amateurs must identify themselves during a transmission regularly at
certain intervals.
lO: where applicable, the above regulations are also in force for the
Amateur Satellite Service and.
ll: Amateur stations in space must have sufficient control stations on earth
and must be supplied with equipment to combat harmful interferences.

Some questions which come to mind and should he answered:
1: Is the definition of the Amateur Service still valid?
2: Should the Radio Regulations leave it to the respective Administrations
to decide whether or not their amateurs may make contacts with a certain
country or should the regulations incorporate such a prohibition order if a

country complains. Or does it matter at all?
3: Should article S.25 make provision to encourage amateurs to train for
emergency or disaster communications. How is this then related to S25.3
(third party communications)? Is such training and development not part of
the general amateur service?
4: Should the prohibition on all third party traffic be retained? It is
suggested that, with the present state of technical progress, exceptions
should be noted, specially when this covers non-commercial messages or

messages which presently are allowed under S25.2.
5: Should the Morse code test be retained for certain classes of licenses if
a treaty is signed between countries (CEPT?)
6: Should Art S25 not cover the possibility to use one's home callsign
on a worldwide basis, such as is now the case with CEFT and CITEL
regulations?
7: Should Art S25 not cover the possibility of international recognition of
amateur licenses (as covered under CEPT-HAREC) and, if so, should not such a
cover be strengthened to decide on a norm to which the quality of the amateur
in technical and operational must be compared with. And for the spaciologists
6: The Amateur Satellite Service is confined to space stations which are
launched by an earth satellite. Is this not too restricted for the future
developments or does it not matter. I know it is difficult at times, but now
is the time to get that grey matter working and be ready when the answers are
required.

1153. iaru discussion paper for sept 96 tel avivi

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: bert@skypilot.demon.co.uk
Message-ID: <3215dfc3.2245905@news.demon.co.uk>
Source record: 218716
Cross-posted to: uk.radio.amateur,rec.radio.amateur.policy,rec.radio.amateur.misc

IARU Discussion Paper 1/9

The International Regulations Affecting the Amateur Service

April 1996

Introduction

The International Regulations Affecting the Amateur Service:

1. Summary of issues, and matters on which opinion is sought
1.6. The definition of the "amateur service"
1.7. The banned country list
1.8. The amateur service as a resource for emergency communications
1.9. Messages on behalf of a third party
1.10. The technical and operational qualifications to be an amateur
1.11. Morse code
1.12. The international recognition of amateur licences
1.13. The amateur satellite service
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2. Background
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5. A Possible Time Table
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7. What amateur stations may transmit
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9. Technical and operational qualifications for the amateur
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11. An unnecessary restriction?
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ANNEX
RESOLUTION COM4-4
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RESOLUTION COM4-5

IARU Committee Seeks WRC-99 Comment

The Future of the Amateur Service Committee (FASC) of the International

Amateur Radio Union has released a 20-page discussion paper dated April
1996 and entitled The International Regulations Affecting the Amateur
Service. The FASC discussion paper was sent to IARU member-societies on
April 12 and is available on the World Wide Web via
http://www.arrl.org/iaru/. After reviewing the paper, any and all
interested parties are invited to submit comments to the FASC. Comments
received by the end of June 1996 will be considered as the committee
prepares its report to this year's IARU Region 1 Conference.

As announced on page 94 of April 1996 QST, the FASC was appointed by IARU
President Richard Baldwin, W1RU, to guide the formulation of an IARU
position on the 1999 World Radiocommunication Conference (WRC-99)
preliminary agenda item concerning the provisions of the international
Radio Regulations that deal specifically with the Amateur and
Amateur-Satellite Services. These provisions are contained in Article 32 of
the 1994 and earlier editions of the Radio Regulations, which was
renumbered Article S25 at WRC-95 last fall. (The complete text of the
Article is contained in Appendix 5 of The FCC Rule Book, 10th edition,
published by the ARRL.) WRCs are convened by the International
Telecommunication Union every two years and have the power to revise the
Radio Regulations, which have the force and effect of a treaty.

The discussion paper summarizes the issues that arise from the existing
Article S25, which imposes obligations on administrations as to the manner
in which they regulate the Amateur and Amateur-Satellite Services. The
essence of these obligations may be summarized as follows:

* Communication between amateurs of different countries is to be
prohibited if one country objects;

* Messages are to be limited to plain language, about technical or
personal matters and of such unimportance that the use of a public
communications system would not be justified;

* Communications on behalf of third parties is prohibited, though the
Article permits countries to make arrangements to allow such
communications;

* Amateur operator licensees using frequencies below 30 MHz shall have
demonstrated an ability to send and receive texts in Morse code;

* Administrations shall take such measures as they think necessary to
verify the operational and technical qualifications of amateurs;

* The maximum power of amateur stations is to be fixed by
administrations, having regard to the operators' technical
qualifications and the conditions under which the stations
operate;

* All the general Radio Regulations apply to amateur stations, which
shall be stable and free from spurious emissions;

* Amateur stations shall transmit their call signs at short
intervals;

* As appropriate, the same provisions apply to the Amateur-Satellite
Service; and

* Amateur space stations must have sufficient earth command stations and
be fitted with devices so that harmful interference can be
terminated.

The discussion paper poses issues that arise from these provisions in the
form of questions. For example, with regard to the Amateur Service as a
resource for emergency communications, it states:

We have examined the many international declarations that
recognize the value of the amateur service as a resource for
emergency communications.

* Should Article S25 include a provision encouraging the
amateur service to have the experience to and to provide
emergency communications? Does the prohibition of
international communications on behalf of third parties
inhibit the development of emergency communication nets? Is
the ability of the amateur service to have the experience to
provide and to provide emergency communications inhibited by
the nature of the messages permitted to be transmitted by
amateur stations?

With regard to the Morse code, it states:

We do not question the value of Morse code as a means of
communication, nor do we question the right of an administration
to require its amateurs to demonstrate a skill in Morse code. At
present, Morse code as a qualification is a treaty obligation. We
have regard to the fact that we are concerned with obligations
that will govern the amateur service in the next century.

* Should testing the Morse code ability of certain amateur
licencees be retained as a treaty obligation? If so, what
are the reasons that administrations would find persuasive?

In addition to addressing the existing provisions, questions are also
posed
as to whether or not provisions should be included in Article S25 to
facilitate the international recognition of amateur licenses held by
visitors to other countries.

The FASC paper discusses these and other issues in some depth, and
lays out
a timetable for WRC-99 preparations. The committee plans to submit a
report
to each IARU regional conference to be held between now and 1999,
beginning
with the Region 1 Conference that will open in Tel Aviv on September
30,
1996. Through the mechanism of these regional conferences, it is hoped
that
a worldwide consensus of the Amateur Radio community can be developed
so
that a common position can be communicated to the national
administrations
that ultimately will submit proposals to WRC-99.

The International Regulations Affecting the Amateur Service

1. Summary of issues, and matters on which opinion is sought.

1.1. The preliminary agenda for the ITU World Radiocommunication
Conference
to be held in 1999 includes the consideration of the provisions of the
Radio Regulations dealing with the amateur and amateur satellite
services,
which are to be found in Article S25.

1.2. This Discussion Paper has been prepared by a Committee appointed
by
the President of the IARU. The Paper addresses policy and does not set
out
the language of any amendments that could be made to the Regulations
as a
result of the adoption of particular policies, except to illustrate
certain
points.

1.3. This first part of the paper summarises the matters we examine in
detail and attempts briefly to set out the issues that we see, and
identify
the matters that we think should be addressed in the opinions that we
seek

to enable the IARU to develop a world wide policy.

1.4. We started by examining the definition of the "amateur service." We
then examined Article S25 with care. It is very short. The Article is
concerned with international communications. The Radio Regulations are part
of a treaty between nations and do not of themselves impose obligations on
amateurs, but impose obligations on administrations to regulate the amateur
service in a particular way. The essence of the obligations may be
summarised as follows:

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* Communication between amateurs of different countries is to be
prohibited if one country objects;

* Messages are to be limited to plain language, about technical or
personal matters and of such unimportance that the use of a public
communications system would not be justified;

* Communications on behalf of third parties is prohibited, though the
Article permits countries to make arrangements to allow such
communications;

* It requires an amateur licencee using frequencies below 30 MHz to have
demonstrated an ability to send and receive morse;

* Administrations shall take such measures as they think necessary to
verify the operational and technical qualifications of amateurs;

* The maximum power of amateur stations is to be fixed by
administrations, having regard to the operators' technical
qualifications and the conditions under which the stations
operate;

* All the general Radio Regulations apply to amateur stations, which
shall be stable and free from spurious emissions;

* Amateur stations shall transmit their call signs at short
intervals;

* As appropriate, the same provisions apply to the amateur satellite
service; and

* Amateur space stations must have sufficient earth command stations and
be fitted with devices so that harmful interference can be terminated.

1.5. We now summarise what we see as the issues, and identify the matters
on which we seek responses:

1.6. The definition of the "amateur service":

That definition has not been significantly changed since the first international regulation of radio. Our view is that it remains entirely
appropriate today.

* Is the definition of the "amateur service" still appropriate?

1.7. The banned country list:

* Should the Radio Regulations leave it to administrations to prohibit
or permit their amateurs to engage in international communications, or
should the international Regulations themselves prohibit such communications if one country objects? Does it matter?

1.8. The amateur service as a resource for emergency communications:

We have examined the many international declarations that recognise the
value of the amateur service as a resource for emergency communications.

* Should Article S25 include a provision encouraging the amateur service
to have the experience to and to provide emergency communications?
Does the prohibition of international communications on behalf of third parties inhibit the development of emergency communication nets?
Is the ability of the amateur service to have the experience to provide and to provide emergency communications inhibited by the nature of the messages permitted to be transmitted by amateur stations?

1.9. Messages on behalf of a third party:

We do not question the right of an administration to prohibit its amateurs
from carrying messages on behalf of a third party. We do believe that any
messages so carried must be non commercial and not carried for reward. We
question whether or not the attitudes that existed when the

international
prohibition was included in the Regulations have changed. We also
raise the
question whether the prohibition is really consistent with the
international use of store and forward techniques.

* Should the international prohibition remain in the Regulations?
Would
its removal enhance the ability of the amateur service to provide
emergency communications?

1.10. The technical and operational qualifications to be an amateur:

We suggest that the technical and operational qualifications to be an
amateur are fundamental to the privileges that are given to the
amateur
service. The appropriate qualification is essential to distinguish the
amateur service from other use of the spectrum. However, the present
Regulations do not set a "standard," but leave that to each
administration.
If it was considered desirable that some standard be set, we would not
suggest an elaborate curriculum, rather the identification of basic
topics
on which knowledge should be demonstrated.

* Should the Article set some standard for the technical and
operational
qualifications for the amateur service? How can this be made
flexible?
If a standard is "incorporated by reference," should the standard
be
mandatory? If it is, then it would need to be approved by the
next
competent WRC. But if it isn't, would there be any difference
from the
present position?

1.11. Morse code:

We do not question the value of morse code as a means of
communication, nor
do we question the right of an administration to require its amateurs
to
demonstrate a skill in morse code. At present, morse code as a
qualification is a treaty obligation. We have regard to the fact that
we
are concerned with obligations that will govern the amateur service in
the
next century.

* Should testing the morse code ability of certain amateur
licencees be

retained as a treaty obligation? If so, what are the reasons that administrations would find persuasive?

1.12. The international recognition of amateur licences

Many countries accept a home country driving licence to allow visitors to drive in their country. Should an amateur be able to visit another country and during that visit be able to use his home country licence? We have examined the CEPT arrangements for Europe, and the CITEL arrangements for the Americas. We suggest that Article S25 could include provisions facilitating such use.

* Should the Article include a provision facilitating the international recognition of amateur licences of visiting amateurs? If so, would the prospects of the acceptance of such a provision be enhanced if the Article set a standard for the technical and operational qualifications of amateurs?

1.13. The amateur satellite service:

We have examined the definition of the amateur satellite service, and have a concern that the service is restricted to space stations on "earth satellites". We do not know whether that restriction could present a problem in the future. We have also looked at the measures to ensure that amateur satellites do not cause harmful interference.

* Should the amateur service seek a change to the definition of "amateur satellite service"? Or, does the definition not matter? Should any other change to the provisions governing the amateur satellite service be sought?

1.14. Other matters:

Are there other matters that are not included in Article S25 and should be addressed in the Article, or other changes to Article S25 that should be sought?

1.15. A request for opinion

1.16. We set out in part 5 of this Discussion Paper the timetable we propose.

1.17. It is essential, if the approach we propose is to be successful, that
we have the reasoned views of as many individuals and organisations as possible, whether in favour or not, in respect of the suggestions we make
and in respect of matters that we have not raised.

1.18. Please communicate to the Committee as follows:

By mail:

IARU FASC
c/o IARU International Secretariat
PO Box 310905
Newington, CT 06131-0905
USA

By FAX:

+1 860 594-0259 (label "To IARU FASC, c/o IARU International Secretariat")

By electronic mail:

iaru@iaru.org (Subject: "To IARU FASC")

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2. Background

2.1. The World Radiocommunication Conference 1995 adopted a resolution (Resolution GT PLEN-5) expressing the view that certain items should be
included in the Preliminary Agenda for the 1999 World Radiocommunication
Conference, including the following item:

"2.2 consideration of Article S25 concerning the amateur and amateur-satellite services;"

2.2. On 30 November, 1995. the President of the IARU, Richard Baldwin, W1RU, announced the appointment of a committee, to be known as the Future
of the Amateur Services Committee ("FASC") with the following terms of reference:

A Examine the international regulations governing the Amateur Service and the Amateur-Satellite (other than frequency allocations) with a view to formulating the changes, if any, that are desirable to properly reflect the objects, needs, obligations and privileges of the services for the next century, so that the services remain viable and valuable, meaningful and relevant to both the community and to those licenced in the services, having

regard to

* the definition of the services,

* the nature and content of transmissions of stations licenced in the services,

* the provision of emergency communications,

* the means to facilitate the international recognition of amateur licences,

* the technical and operational qualifications for licencees in the amateur services, and

* any other matters considered by the Committee to be relevant.

with a view to formulating appropriate changes (if any) to the Radio Regulations.

B Undertake its task :

* encouraging full discussion of these matters by preparing discussion papers providing background information, identifying issues and proposing possible solutions,

* inviting comments from individuals, groups, member societies and regional organisations,

* participating as appropriate in international and other meetings, and taking into account the comments it receives, preparing reports, recommendations and proposals for the consideration of the Administrative Council, member societies and regional organisations and ultimately preparing such material as is necessary to ensure that administrations accept proposals adopted by the Administrative Council,

all of the foregoing being an ongoing task bearing in mind the regional conferences and the likely agenda for WRC-99.

2.3. The following were appointed members of the committee:

Michael Owen, VK3KI, Chair
John Bazley, G3HCT
Tom Atkins, VE3CDM
Terry Carrell, ZL3QL
Larry Price, W4RA
David Sumner, K1ZZ

In addition, President Baldwin is an ex officio member of the Committee.

2.4. The IARU must develop and advocate a coherent and relevant policy in respect of that agenda item and the committee has been given the task of assisting the development of that policy. This Discussion Paper is the first step in that process.

2.5. The purpose of this Discussion Paper is provide a basis for informed debate by the amateur community on the issues that are raised. It attempts to identify the relevant issues, provide the background, and offer some possible solutions. It is a discussion paper; and should not be interpreted as expressing any final view of the Committee, or the view of any region or the Administrative Council.

2.6. We believe that the issues are complex. We do not pretend that we will have identified all the issues or options. That is why we seek as many responses as possible to the issues raised by the consideration of Article S25.

3. Some Constraints

3.1. We are conscious of the difficulty of the task facing the amateur community in formulating a world wide approach to these issues. It is very easy for the amateur services to formulate a policy in respect of frequency allocations. The services are effectively in competition with other services for spectrum, and in general terms the amateur services will seek additional spectrum, ideally without sharing and certainly on a primary basis.

3.2. But we suspect that it is harder to formulate policy in respect of the international regulation of the services, simply because what some may see as sensible regulation or deregulation may be seen by others as inconsistent with their view of the purpose and objects of the amateur service and part of the services justification of its right of access to spectrum.

3.3. There are constraints:

* We are concerned with international regulation, that is
regulation
that exists by treaty between sovereign states. What is
appropriate
for national regulation may not be appropriate for treaty.

* The Radio Regulations, having the status of a treaty, must deal
with
principle, and provide the basic foundation for national
regulation.

* We must be careful that whatever we propose cannot be seen by any
member country of the ITU as an attempt to diminish sovereignty.
The
importance of sovereignty cannot be overstated.

* The Radio Regulations should be simple.

* We should avoid judging what amateur radio "ought to be" by
applying
our own standards without having regard to the fact that there
are
differences throughout the world and we should have particular
regard
to the needs of the developing countries where the per capita
amateur
population is at present low.

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4. An opportunity?

4.1. We believe that the opportunity that has been presented to the
amateur
services for the review of Article S25 should be welcomed. It is an
opportunity for the IARU to examine in a meaningful context the
appropriateness of the Regulations. We must question whether the
Regulations are capable of improvement to better reflect the
requirements
of the services for the next century. We must ask if change is
desirable as
a result of changing technology, of changing interests and the special
requirements of the less developed countries.

4.2. If we seek change we should, we think, look for improvement to
make
the amateur service more valuable and meaningful to those countries
that
presently encourage it, and more attractive to those that do not.

4.3. We suggest that all involved in this process should attempt to
take a
global approach to the issues, trying to understand and accept
differences,

with a view to seeking change, if change is desirable, that will enhance
amateur radio for the future and throughout the world.

4.4. Unlike spectrum allocation issues, we are not in competition with other services. If we present a single world wide position, and we have
sound and logical reasons for that position and that position is sensitive
to the differing needs of the different countries, we have every prospect
of that position being accepted.

5. A Possible Time Table

5.1. There cannot be, at the time this paper is written, an absolute certainty that the WRC presently planned for 1999 will be held in that year, or that the preliminary agenda will not change. However, we believe
that we must plan on the basis that the time and the agenda will remain as
presently planned.

5.2. We see a world wide position being developed by an evolutionary process. We do not believe that the IARU can develop policies to meet the
needs of different administrations and the needs of amateurs throughout the
world without a period of consultation.

5.3. We suggest the following:

* This Discussion Paper is distributed to the members of each regional
organisation, and every member society and other groups by April 12,
1996.

* Comments and submissions to our Committee will be sought by the end of
June 1996.

* We will prepare a Report by the end of July 1996, which is likely to
make certain recommendations, which is considered by the Region 1 Conference in October 1996.

* We would then prepare a further Report, for consideration by the Region 3 Conference in the following year, and then repeat the process
for the Region 2 Conference the year after.

* We would, throughout this process, seek comments and submissions from individuals, groups and societies.

* We would also see the desirability of consulting with experts from the private sector, the ITU and administrations.

* We recommend now that the approach of each Region should be to express their view, but at the same time delegating the task of formulating a global policy to the Administrative Council after the Region 2 Conference in 1999.

5.4. We believe that it is essential that a final position and supporting material be adopted well before WRC-99, and the latest that can occur is immediately following the 1998 Region 2 Conference, so that the member societies and the regions are able to present the IARU position to their administrations.

5.5. We now discuss in some detail some of the issues that we are asked to consider.

5.6. In referring to the Radio Regulations we use the numbering adopted by the Report by the Voluntary Group of Experts to Study Allocation and Improved use of the Radio Frequency Spectrum and Simplification of the Radio regulations (the "VGE Report").

6. The definition of the amateur service

6.1. While the preliminary Agenda for WRC-99 is confined to S25 and makes no reference to Article S1, Terminology, we address the definition of the amateur service first as we see that as a logical starting point. We address the secondary definition of the amateur satellite service in the context of the satellite provisions generally.

6.2. The essence of the present definition is not new. Article 1 of the General Regulations annexed to the International Radiotelegraph Convention, Washington, 1927, defined "amateur station" as:

"A station used by an "amateur", ie., by a duly authorised person interested in radio technique solely with a personal aim and without pecuniary interest."

6.3. The essential element of the definition, the concept of "a duly authorised person interested in radio technique solely with a personal aim and without pecuniary interest" has remained part of the definition since the first international regulation of the service.

6.4. The present definition is:

S1.56 Amateur Service: A radiocommunication service for the purpose of self-training, intercommunication and technical investigations carried out by amateurs, that is, by duly authorised persons interested in radio technique solely with a personal aim and without pecuniary interest.

6.5. We are of the opinion that the definition of "Amateur Service" in the present Regulations is entirely appropriate and that no change should be considered.

7. What amateur stations may transmit

7.1. Again we set out the relevant parts of the Regulations:

S25.2 (1) When transmissions between amateur stations of different countries are permitted, they shall be made in plain language and shall be limited to messages of a technical nature relating to tests and to remarks of a personal character for which, by reason of their unimportance, recourse to the public telecommunications service is not justified.

S25.3 (2) It is absolutely forbidden for amateur stations to be used for transmitting international communications on behalf of third parties.

S25.4 (3) The preceding provisions may be modified by special arrangements between the administrations of the countries concerned.

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7.2. We would suggest that, at the time that these provisions were first adopted, there were at least two policy objectives that were sought to be satisfied. One was a concern as to security, the requirement that transmissions should be in plain language.

7.3. The second objective, reflected particularly in the language "limited to messages of a technical nature relating to tests and to remarks of a personal character for which, by reason of their unimportance, recourse to

the public telecommunications service is not justified" and the prohibition
of international communication on behalf of third parties, was the desire
to preserve a government monopoly of communications. With the notable
exception of the United States, the common carrier was almost inevitably
government owned and government controlled.

7.4. We wonder, if that identification of policy objectives is correct,
whether either objective is as important today. In particular, the
traditional government monopoly of communications has shifted, and will no
doubt continue to shift, to a deregulated and competitive market, in an
increasing number of countries. We question whether the words "for which,
by reason of their unimportance, recourse to the public telecommunications
service" are either necessary or appropriate today.

7.5. The fact is that today many countries permit their amateurs at a
national level to transmit communication on behalf of third parties, in
some cases as an exception to a general rule to facilitate emergency
communication and for training for such communication, in other cases a
more general permission to transmit non commercial, non political, non
religious, non entertainment and unpaid messages. It is also the fact that
many countries have specifically entered agreements to give effect to
S25.4.

7.6. Our tentative view is that what is loosely called "third party" by
amateurs, which does not include any commercial or paid messages, should
not be prohibited by the international regulations. Certainly the removal
of the prohibition would remove any doubt as to the legality of modes of
international communication using store and forward techniques. It is
appropriate to emphasise that this change would not in any way obligate an
administration to permit its amateurs to conduct communications on behalf
of third parties, international or otherwise.

8. Emergency communication

8.1. The amateur service has on many occasions played a vital role in emergency communications. Because amateur stations are spread geographically it has often been the case that when public communications
are inoperable, the only communications link is the amateur.

8.2. The importance of facilitating emergency communications by using the
resource of the amateur service has been recognised internationally.

8.3. We have considered the "The Tampere Declaration on Disaster Communications", the conclusion of the group of experts in communications
and disaster management, meeting in Tampere, Finland 20 to 22 May, 1991,
who saw an urgent need to improve international co-operation in communications.

8.4. We have also considered Resolution 36 of the ITU Plenipotentiary Conference, Kyoto, October 1994 "Telecommunications for Disaster Mitigation
and Disaster Relief Operations" and also resolution 7 of the First World
Telecommunications Development Conference, Buenos Aires, April, 1994.

8.5. We have also had regard to Resolution 640 of the World Administrative
Radio Conference, Geneva, 1979 "Relating to the International Use of Radiocommunications in the Event of Natural Disasters, in Frequency Bands
allocated to the Amateur Service" which points out "that in the event of
natural disaster normal communication systems are frequently overloaded,
damaged, or completely disrupted ... that under those circumstances the
stations of the amateur service, because of their widespread distribution
and their demonstrated capacity in such cases, can assist in meeting essential communication needs"

8.6. We believe that we can safely assume that the historical and potential
contribution of the amateur service to emergency communications is not in
question, and that the question we must ask is whether the Radio Regulations could or should be amended to encourage and facilitate the amateur service's ability to provide emergency communication.

8.7. It would indicate a deficiency in the Radio Regulations if an amateur
in one country was, or believed he was, constrained by the Radio Regulations from relaying a message originating as a result of a

natural
disaster in another country.

8.8. We also suggest that it is obvious that if amateur emergency networks
are to be effective, it is necessary that they have the opportunity for
training.

8.9. We are concerned that the prohibition of carrying messages on behalf
of third parties and the restriction on what may be transmitted by an
amateur station may work against the growth of the ability of the amateur
service to provide emergency communications.

8.10. We are of the view that a change that could be considered is that
S25.4 could be reversed, in the same way as S25.1 allows communications
between amateur stations of different countries unless one of the countries
concerned has notified that it objects.

8.11. We believe that a provision should be inserted into the Radio
Regulations to encourage administrations to permit amateurs stations they
licence to not only to transmit emergency messages, but to be prepared to
do so.

8.12. It would also recognise the fact that many administrations do permit
their amateurs to carry messages on behalf of third parties

8.13. We do not believe that it is necessary to propose any change to the
Regulations to prohibit an amateur station being used for reward or
carrying messages of a business character, simply because the combination
of the definition and S25.3 make that quite clear.

9. Technical and operational qualifications for the amateur service

9.1. The present Regulations provide:

"S25.5 3. (1) Any person seeking a licence to operate the
apparatus of an amateur station shall prove that he is able to
send correctly by hand and to receive correctly by ear texts in
Morse code signals. The administrations concerned may, however,
waive this requirement in the case of stations making use
exclusively of frequencies above 30 MHz.

S25.6 (2) Administrations shall take such measures as they judge necessary to verify the operational and technical qualifications of any person wishing to operate the apparatus of an amateur station."

The second of these provisions is the appropriate place to begin this discussion.

9.2. The international Radio Regulations have the force and effect of a treaty. In considering what provisions should be included in the Radio Regulations, it is necessary to distinguish between the regulations that may be desirable for an administration to enact for the amateur service, on the one hand, and the regulations that it should be required to enact as a treaty obligation, on the other. Clearly, a higher standard of need applies in the latter case.

9.3. It is of fundamental importance to administrations as well as to radio amateurs that the amateur service be limited to operators who are qualified both technically and operationally. Amateurs share the radio spectrum with a myriad of other radiocommunication services, and share their relatively narrow bands with one another. They must be qualified to assume the responsibility for the safe installation and proper operation of their stations. They must possess the ability to intercommunicate with one another, to ensure that their equipment will not cause harmful interference to other services in normal operation, and to resolve such interference whenever it may arise. They must understand the obligations that arise from the privilege of operating radio transmitters.

9.4. The radio spectrum is an international resource. In addition, it is desirable for administrations to be in a position to accord recognition to licences issued to radio amateurs by other administrations, without having to bear the administrative burden of examining the qualifications of individual visitors. Therefore, it is indeed appropriate that the Radio Regulations continue to recognise the obligation of administrations to verify the operational and technical qualifications of its amateur licencees.

9.5. However, the Radio Regulations themselves are a poor medium for setting out the standards for these qualifications. Amendment of the Radio Regulations is too difficult, and such standards do not rise to the level of a treaty obligation. Under the new ITU structure, endorsing such standards may be appropriate at the level of the Radiocommunication Assembly.

9.6. We have examined Article S37, dealing with Operators Certificates for the control of aircraft stations and aircraft earth stations and Article S47 dealing with the control of ship stations, as well as Tables [S47-1] and [AR55B], as well as the other provisions relating to the aeronautical and maritime services.

9.7. We believe that these provisions may provide a broad model for the amateur service. The effect of these provisions is to, in effect, allow the international recognition of qualifications (and therefore may be relevant to the issue we raise in respect of the international recognition of amateur licences for temporary operation) and set out the topics on which the candidate must demonstrate knowledge.

9.8. The identification of topics goes a long way beyond the present provision in S25, but still allows each administration to set its own standard of knowledge of the specified topics. We would not see the specification going to the detail set out in CEPT Recommendation T/R 61-02, given the need to accommodate the requirements of different countries.

9.9. We see a difficulty in persuading a WRC to incorporate such a detailed provision in Article S25. An answer may be the incorporation by reference of the specification of the technical and operational qualifications required for licencing in the amateur service. We refer to Resolution COM4-4 and its annex and Resolution COM4-5 of WRC 95. As these Resolutions are so recent, we have annexed a copy of them.

9.10. That in itself raises an issue. Resolution COM4-4 and its annex draw a clear distinction between the incorporation by reference when the reference is non-mandatory and where reference may be made to 'the

latest
version" of a Recommendation, and where the reference is mandatory, in which case the reference has the same treaty status as the Regulations themselves. In the latter case the reference must be adopted by the Plenary
of the next competent WRC.

9.11. If we propose the incorporation by reference of the technical and
operational qualifications for the amateur service, do we wish them to be
mandatory or not? Is the fact that they exist enough to provide sufficient
pressure on administrations to have regard to them? There is much to be
said for the standards being mandatory, and under the present procedures of
the ITU as we understand them, while a change in the standard would require
the approval of a WRC Plenary, at least the drafting would be removed from
the WRC.

9.12. Turning now to S25.5 (RR 2735), in 1994 the IARU CW Ad Hoc Committee
concluded that it remains essential for radio amateurs using the bands below 30 MHz to be able to intercommunicate without regard to equipment or
language barriers, to ensure the orderly shared use of a limited resource.
This committee found that "[a]t the present time, the Morse code is the
only practical means of ensuring that all amateur stations possess this
capability for intercommunication." However, the committee "...does not
rule out the possibility that future technical developments may provide an
alternative means for ensuring that amateur stations can intercommunicate,
and that these new means could become sufficiently universal to obviate the
present requirement. Neither is the possibility ruled out, that as the spectrum requirements of other HF radio services diminish, there may be the
possibility for sufficient expansion to the frequency band allocations to
the Amateur Service, so that the need to retain the RR 2735 requirement
would become less compelling."

9.13. If we could assess the desirability of retaining the provisions of S25.5 solely on the basis of amateur service requirements in 1996, we might well conclude that little has changed since 1994 and the provision, therefore, should be retained. However, this is not the case. World Radiocommunication Conference agendas are very crowded. There is talk of certain items now scheduled for consideration at WRC-97 being dropped from that agenda for lack of time. It is unrealistic to expect that Article S25, having been placed on the agenda for WRC-99, will again be reviewed at another conference in the foreseeable future. Any changes to Article S25 that may be desirable in the next decade or two, must be considered now.

9.14. On that basis, the Committee has concluded that S25.5 should be removed as a treaty obligation of administrations.

10. The international recognition of the licences of visiting amateurs

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10.1. The IARU has identified as an objective the global recognition of amateur licences to permit operation by an amateur in the course of a visit to another country.

10.2. The European telecommunications organisation, CEPT, has adopted CEPT Recommendation T/R 61-01 establishing the CEPT amateur licence, and also Recommendation T/R 61-02, which addresses the harmonisation of examinations for amateurs.

10.3. Essentially, the CEPT approach is for each administration to recognise equivalent qualifications from other administrations. The CEPT licence depends on equivalence, and it really exists from a series of bilateral agreements.

10.4. More recently, on 8 June, 1995, the Inter-American Convention on an International Amateur Radio Permit (IARP) was unanimously approved at the General Assembly of the Organisation of American States (OAS) in Montrois, Haiti. The IARP is similar in concept and nature to the International Driving Permit.

10.5. In the preamble to the Convention the OAS said "it is convinced of the benefits of Amateur Radio" and agreed "to promote, by all means within its power, the continuing development of telecommunications in the countries of the Americas."

10.6. We quote from the preamble to the Convention:

"While reserving its sovereignty over the use of the radio spectrum within its jurisdiction, each State Party agrees to permit temporary operation of amateur stations under its authority by persons licenced by another State Party without further examination. State Parties recognise the International Amateur Radio Permit (IARP) issued under the conditions specified in this Convention"

10.7. Article 3 provides:

"The IARP will be issued by the permit holder's home Administration, or to the extent consistent with the home country's domestic laws, under delegated authority by the IARU organisation of that State Party. It should conform to the standard form for such permit which is contained in the appendix to this Convention"

10.8. While the IARP provides for temporary operating permission, it does not cover the importation, or movement across national borders, of amateur radio equipment.

10.9. CEPT permits non CEPT countries to issue CEPT licences. A UK licence, for example, permits the holder to operate under the CEPT conditions in New Zealand. The CEPT arrangements have this effect: a country in the Americas that is party to the CEPT arrangement grants a right to operate in its country to amateurs from the CEPT countries in return for its amateurs having a right to operate in those countries. On one view of the CEPT arrangements, the amateur from the Americas country does not thereby acquire a right to operate in, for example, a Pacific country that has also become party to the CEPT arrangements, nor do amateurs from the Pacific country enjoy any right to operate in the Americas country. We appreciate that at least one administration interprets the arrangements differently, but it does at least highlight the difficulty of achieving a true international recognition of amateur licences.

10.10. The CITEL arrangements apply only to the OAS countries who have become party to the treaty.

10.11. There is no regional telecommunications organisation in Regions 1
and 3 equivalent to CITEL. CEPT is essentially a Western European organisation, not a regional organisation, and does not effectively encompass Africa, where there are some 55 countries. In Region 3 the Asia-Pacific Telecommunity (APT) is developing. Again, this is illustrative
of the difficulty of achieving a true international regime without recourse
to Article S25.

10.12. We consider that there is a need for the Radio Regulations to provide a basis for the global recognition of amateur licences issued by
all administrations to permit amateurs to operate while visiting.

10.13. CEPT and CITEL provide two quite different models. We doubt, even if
it was appropriate, that the ITU would be able to provide a mechanism whereby equivalent qualifications would be identified. We also have to recognise that whatever is proposed to be inserted in the Radio Regulations
must be simple and respect the sovereignty of the member countries of the
ITU. The formulation of such a provision is not easy.

11. An unnecessary restriction?

11.1. The present regulations include the following provision:

S25.1 1. Radiocommunications between amateur stations of different countries shall be forbidden if the administration of one of the countries concerned has notified that it objects to such radiocommunications.

11.2. That may make it a breach of the law of one country if an amateur of
that country communicates with an amateur in a country if the administration of that country has notified that it objects to its amateurs
engaging in international communication.

11.3. We suggest that this could be replaced by a provision that provides,
in effect, that Article S25 does not oblige an administration to authorise
amateur stations under its jurisdiction to engage in international communication except for distress and safety communication.

12. The provisions of S25 affecting the amateur-satellite service

12.1. The definition of "Amateur Satellite Service" is

S1.57 Amateur-Satellite Service: A radiocommunication service using space stations on earth satellites for the same purposes as those of the amateur service.

12.2. "Space stations" are defined by the Radio Regulations as a "station located on an object which is beyond, is intended to go beyond, or has been beyond, the major portion of the earth's atmosphere."

12.3. The Regulations define "satellite" as "a body which revolves around another body of preponderant mass and which has a motion primarily and permanently determined by the force of attraction of that other body."

12.4. In the definition of the "amateur satellite service" the term "space stations" is qualified by the phrase "on earth satellites." That definition may be contrasted with, for example, the definition of "Broadcasting-Satellite Service" as "a radiocommunication service in which signals transmitted or retransmitted by space stations are intended for direct reception by the general public."

12.5. Why should that qualification be incorporated in the definition? We wonder whether the words "on earth satellites" could in the future be restrictive.

12.6. We suggest that the following change to the definition could be considered:

S1.57 Amateur-Satellite Service: A radiocommunication service using space stations for the same purposes as those of the amateur service.

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12.7. We seek views, particularly from the satellite community, as to whether seeking such a change is justified.

12.8. The other provisions of S25 dealing with the amateur-satellite service, which are section II of the Article, are:

S25.10 S6. The provisions of Section I of this Article shall apply equally, as appropriate, to the amateur-satellite service.

S25.11 S7. Space stations in the amateur-satellite service operating in bands shared with other services shall be fitted with appropriate devices for controlling emissions in the event that harmful interference is reported in accordance with the

procedure laid down in Article S15. Administrations authorising such space stations shall inform the Bureau and shall ensure that sufficient earth command stations are established before launch to guarantee that any harmful interference which might be reported can be terminated by the authorising administration (see No. 22.1).

12.9. Some may question is why is there a separate satellite service, rather than a single amateur service. We believe that the structure of the Radio Regulations, for example the general provisions applying to all Space Radiocommunication Services found in S22, make the present structure necessary and appropriate. The separate definition of the service may have the advantage that it puts beyond doubt the right of the amateur service to use space stations.

12.10. S25.11 has a number of elements. It must be read having regard to at least two other provisions. One is the general provision S22.1:

Space stations shall be fitted with devices to ensure immediate cessation of their radio emissions by telecommand, whenever such cessation is required under the provisions of these Regulations.

12.11. Another is the present footnote S5.282 (previously numbered 664), which applies to the most used amateur satellite bands above 146 MHz and which, in part, provides:

... the amateur-satellite service may operate subject to not causing harmful interference to other services operating in accordance with the Table ...Administrations authorising such use shall ensure that any harmful interference caused by emissions from a station in the amateur-satellite service is immediately eliminated in accordance with the provisions of S25.11 ....

12.12. The effect of the footnote is to make the amateur satellite service secondary to the secondary, as well as to the primary, services in these bands.

12.13. There are two views with regard to S25.11. One view is that any approach to change S25.11 could be counter productive, as essentially it is a reasonable provision. The other view is that S22.1 is sufficient and that S25.11 is redundant and should be deleted.

12.14. There are also two views with regard to S5.282, which in any case cannot be addressed except in the context of an allocation conference. One is that the position of the amateur-satellite service would be strengthened by the addition of these bands into the body of the Table of Frequency Allocations. The other is that such a change would be purely cosmetic unless an upgrade in relative status also could be achieved, which would be very difficult without supportive sharing studies that might result in undesirably severe power flux density limitations on amateur satellite operations.

12.15. We invite the satellite community and others interested in this area to assist us with their views on the matters we have discussed.

13. Conclusion

13.1. All of the members of the Committee have carefully examined Article S25 and have fully participated in the preparation of this Paper.

13.2. Our effort will be justified if this paper leads to informed debate of the treaty provisions that administration accept to regulate the amateur services.

13.3. We cannot stress too much the importance of the communication of comment and suggestions to the Committee.

ANNEX

RESOLUTION COM4-4

REFERENCES TO ITU-R RECOMMENDATIONS IN THE RADIO REGULATIONS

The World Radiocommunication Conference (Geneva, 1995),

considering

a) that, as part of its simplification of the Radio Regulations, the Voluntary Group of Experts proposed that a number of operational, technical and administrative provisions be transferred to

ITU-R Recommendations, with their current treaty status maintained through use of incorporation by reference;

b) that the 1995 Radiocommunication Assembly approved 21 ITU-R Recommendations containing the provisions noted in considering a);

c) that only some of those Recommendations have been incorporated by reference by this Conference;

d) that those remaining Recommendations which have not been incorporated by
reference should be considered by a future conference;

e) that principles of incorporation by reference have been adopted by this
Conference (see Annex hereto);

f) that there are provisions of the current Radio Regulations which employ
mandatory incorporation by reference but fail to make explicit reference to
the ITU-R Recommendations incorporated;

g) that, by Resolution ITU-R 38, the 1995 Radiocommunication Assembly established a special committee to address the review of regulatory/procedural matters,

resolves

1 that the texts of the newly adopted ITU-R Recommendations must be studied
and compared with the Radio Regulations to ensure that they are satisfactory;

2 that, in view of considering f), the provisions of the Radio Regulations
which use mandatory incorporation by reference should be studied in order
to determine whether they require modification pursuant to the principles
adopted by this Conference,

urges administrations

to review the ITU-R Recommendations and the provisions of the Radio Regulations employing incorporation by reference in light of resolves 1 and
2 above,

instructs the Director of the Radiocommunication Bureau

to arrange for appropriate studies to be conducted by the new special committee established by the 1995 Radiocommunication Assembly to address
the review of regulatory/procedural matters and for the committee to report
the results of those studies to the 1997 Conference Preparatory Meeting.

ANNEX TO RESOLUTION COM4-4

Principles of Incorporation by Reference

1 No restrictions are necessary on the inclusion of references where these
are non-mandatory. In such cases, reference could be made to "the latest
version" of a Recommendation.

2 Mandatory references to resolutions or recommendations of a world
radiocommunication conference (WRC) are acceptable without restriction,
since such texts will have been agreed by a WRC.

3 Where mandatory references are suggested, and the relevant texts are
brief, the referenced material should be incorporated in the body of the
Radio Regulations.

4 If, on a case-by-case basis, it is decided to incorporate material by
reference on a mandatory basis, then the following provisions shall
apply:

4.1 the referenced text shall have the same treaty status as the
Regulations themselves;

4.2 the reference must be explicit, specifying the specific part of the
text (if appropriate) and the version or issue number;

4.3 the referenced text must be adopted by the Plenary of a competent
WRC,
but should not be part of the Final Acts;

4.4 all texts incorporated by reference must be readily available, by
being
published in a separate volume;

4.5 if, between WRCs, a referenced text (e.g. an ITUR Recommendation)
is
updated, the reference in the Radio Regulations shall continue to
apply to
the original version until such time as a competent WRC agrees to
incorporate the new version of the reference. The mechanism for
considering
such a step is given in Resolution COM4-5.

RESOLUTION COM4-5

REVISION OF REFERENCES TO ITU-R RECOMMENDATIONS INCORPORATED BY
REFERENCE
IN THE RADIO REGULATIONS

The World Radiocommunication Conference (Geneva, 1995),

considering

a) that the Voluntary Group of Experts on simplification of the Radio Regulations (VGE) proposed the transfer of certain texts of the Radio Regulations to other documents, especially to ITU-R Recommendations, using
the incorporation by reference procedure;

b) that, in some cases, the provisions of the Radio Regulations imply an
obligation on Members to conform to the criteria or specifications incorporated by reference;

c) that references to incorporated texts shall be explicit and shall refer
to a precisely identified provision;

d) that, taking into account the rapid evolution of technology, ITU-R may
revise the Recommendations incorporated by reference at short intervals;

e) that revised and approved Recommendations will not have the same legal
force as the initial Recommendations, incorporated by reference until a
competent world radiocommunication conference has so decided;

f) that it would be desirable to ensure, in the cases provided for in the
Radio Regulations, that the provisions reflect the most recent technical
developments,

resolves

1 that each radiocommunication assembly shall communicate to the following
world radiocommunication conference a list of the ITU-R Recommendations
incorporated by reference in the Radio Regulations which have been revised
and approved during the elapsed study period;

2 that, on this basis, the WRC shall examine those revised Recommendations,
and decide whether or not to update the corresponding references in the
Radio Regulations;

3 that, if the WRC decides not to update the corresponding references,
ITU-R shall continue publishing the ITU-R Recommendations currently
referenced in the Radio Regulations;

4 that WRCs shall place the examination of Recommendations in conformity
with resolves 1 and resolves 2 of this Resolution on the agenda of future
WRCs,

urges administrations

to participate actively in the work of the ITUR study groups and the radiocommunication assembly in the revision of those Recommendations to
which mandatory references are made in the Radio Regulations.

1154. uk/usa ham figures & rsgb hq staff

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: bert@skypilot.demon.co.uk
Message-ID: <3215e63b.3901651@news.demon.co.uk>
Source record: 218717
Cross-posted to: uk.radio.amateur,rec.radio.amateur.policy,rec.radio.amateur.misc

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UK/USA Amateur Radio Figures 1995
==========

Population No of Hams Increase/ decline
UK 1994 60,000,000 62,000
USA 1994 250,000,000 631,600

UK 1995 60,000,000 60,000 -2,000
USA 1995 250,000,000 672,600 +41,000

UK 1 ham per 1,000 population
USA 3 hams per 1,000 population

Based on the USA figure we would have 180,000 hams in the UK.

UK/USA Radio Society Membership
==========

1990 1995 Increase/decline
RSGB Membership 35,000 30,000 -5,000
ARRL Membership 156,000 172,000 +16,000

5,000 x 30 pounds means 150,000 pounds loss of income
in the last 5 years to the rsgb.

The ITU DSI report states 'The number (of radio amateurs is growing)
at a steady rate of 7% per annum '. This would mean we should
have a yearly increase of around 4200 here and that is not hap
pening instead we have a 3% fall.

RSGB have lost 10,000 members in 9 years.

The highest membership of RSGB was 1987 with over 37,600 members
now it is down to 28,500 a loss of nearly 10,000 members in 9 years.

The loss is about 1,000 members per year for the last 9 years
with a loss of revenue of 300,000 pounds (10,000 X 33).
thats 3 million pounds over 10 years.

RSGB membership figures (when available) taken from the RSGB Annual
Report
==========

April1996 28,500
June 1995 29,805
June 1994 30,916
June 1993 31,018
June 1992 32,416
June 1991 34,581
June 1990 35,225
June 1989 35,868
June 1988 36,809
June 1987 37,601

P.S. In the RSGB Annual Report Peter Kirby G0TWW RSGB General Manager
states 'Membership has shown a modest increase....'
news to me I thought 29,805 was a decrease from 30,916!
When asked the RSGB always seem to say the membership has

increased
its a pity the figures don't show that.

City and Guilds Examination Figs 1990-1994
==========
RAE BOTH PARTS
==========
Examination Taking Exam Pass
December 1990 867 480
May 1991 2052 1275
December 1991 1394 799
May 1992 2034 1653
December 1992 2455 1841
May 1993 4015 2819
December 1993 1661 1159
May 1994 3712 2535
=====
Total passing in 4 years 12,561
==========

Novice RAE
==========
June 1991 185 153
September 1991 188 151
December 1991 256 196
March 1992 236 191
June 1992 369 271
September 1992 223 183
December 1992 278 229
March 1993 347 288
June 1993 330 271
September 1993 176 144
December 1993 262 216
March 1994 341 273
June 1994 240 200
September 1994 172 132
=====
Total passing in 3 years 2,898
==========

Between 1990-1994 a total of 15,459 people have sat both the Full
RAE and Novice City and Guilds Exam.

1990 total number of licensed hams = 59,624
1994 total number of licensed hams = 63,033

The rise is only 3,409 compared with over 15,000 taking both the
===== ======
RAE and Novice exam.

The figures show a trend and are given as a rough guide.

UK Licence Figures 1978-1995
Class A Class B Novice A Novice B Total Change +/-
1978 23,000
1979 24,000 1,000
1980 27,000 3,000
1981 33,000 6,000
1982 34,000 1,000
1983 43,000 9,000
1984 52,000 9,000
1985 53,000 1,000
1986 28,750 27,341 56,091 3,091
1987 29,954 27,434 57,388 1,297
1988 30,947 27,223 58,170 783
1989 31,577 27,176 58,753 583
1990 32,288 27,336 59,624 871
1991 32,954 27,930 60,885 1,261
1992 33,280 27,738 46 378 61,443 558
1993 32,410 25,791 106 935 59,242 -2,201
1994 31,817 29,717 139 1,360 63,033 +3,791
1995 32,793 26,530 192 1,942 61,457 -1,576

Highest Increase 9,000
Lowest Increase 558
Largest Fall -2,201

Figures supplied by the dti Radiocommunications Agency and City and Guilds

Computers per 1,000 people
==========
USA 265
UK 134
INDIA 1

Number of Hams world wide
==========
Country Population Hams Hams Per 1,000 Population
Japan 120M 1.4M
USA 252M 670,000
Germany 77M 74,000
UK 57M 60,000
Indonesia 194M 60,000
Spain 39M 47,000
Canada 26M 44,000
Russia 300M 38,000
Itally 57M 30,000
Brazil 156M 26,000
Argentina 32M 24,000
Australia 17M 18,000
New Zealand 4M 6,000
Norway 4.2M 6,000
Monaco 30,000 65

There are over 3 Million hams world wide.

1155. FS: MOTOROLA SPECTRA 900 TRUNKING RADIO

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: John Lee <aw688@lafn.org>
Message-ID: <3216A14D.E5B@lafn.org>
Source record: 218718

FS: MOTOROLA SPECTRA 900 TRUNKING RADIO

MD# D37KGA5JB7CK $ 600 OBO

MD# D37KGA5JB5DK $ 550 OBO

1156. Re: FS: All Ham Bands, Reply to Republican Congress

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: n7ory@primenet.com
Message-ID: <4v6ema$obg@nnrp1.news.primenet.com>
Source record: 218719
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.amateur.policy

T E I X E I R A <teixeira@ccnet.com> wrote:

>J
>>You must be a socialist?
>>
>>--
>>CAPMan HF Propagation Prediction Software
>>http://ourworld.compuserve.com/homepages/KU5S

>I refuse to be put in to a package like Socialist. It seems that many people don't know the
>difference between a Socailist and a Democrat. But I thank God I am not a Republican.

There's a difference?

1157. rsgb making disabled pay

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: bert@skypilot.demon.co.uk
Message-ID: <3215dc62.1380149@news.demon.co.uk>
Source record: 218720
Cross-posted to: uk.radio.amateur,rec.radio.amateur.policy,rec.radio.amateur.misc

to make the disabled pay for rsgb failures is quite unacceptable.
the 270,000 pounds loss last year and the 10,000 loss in members over
the last 10 years is
now causing rsgb problems, so what do rsgb do? make the disabled pay.
rsgb are losing 360,000 pounds per year in lost revenue
who will be next, the blind?
is the rsgb in a worse state than people thought?
rsgb are quite happy to let loyal members have free membership.
the best thing concerned people can do is write to the society's
patron
hrh prince philip, buckingham palace, london informing him of the
new change in policy and ask if he supports it.
i am sure the policy can be overturned.
i wrote to hrh about the novice licence and a few months later
we got a novice licence.

the following is the letter from the rsgb general manager g0tww

CONCESSIONARY MEMBERSHIP-CHANGE OF POLICY.

Following a review of concessionary membership the council of the
society has
reluctantly taken the decision to change the policy of free
concessionary
membership with effect from the 1st September,1996.

This decision has not been taken lightly but the Society is comming
under
increasing financial pressure to provide the full range of services
which the
membership currently enjoy.

This, coupled with the increasing work load the Society is faced with
in
protecting the privileges the amateur radio community enjoys
with the
UK,Europe and internationally,has prompted this change of policy.

The Society will continue to offer concessionary membership to the
diabled but
at the rate of 18 per annum which can be paid anuually by
cheque,standing
order or direct debit,or be paid quarterly by direct debit.

The Society will also continue to provide home visits for the RAE and Morse Testing free of charge to those whose disabilities prevent them travelling.

Further,free concessionary membership and free Radcom on tape will continue for thoes members who are registered blind.

As I have stated earlier this decision has not been taken lightly and we are very much aware of the financial pressure this will place on some of our existing disabled members.

Althourgh this change will come into effect on the 1st September yiu will not receive an invoice for payment until the anneversary of you join date.

The Society fully appreciates your past support and sincerely hopes it will continue despite this change in policy.

Kind regards

Yours sincerely,

Peter Kirby, G0TWW
General Manager.

/ex

1158. Icom IC-Z1A Need MARS Mod.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: callahan@cyberramp.net
Message-ID: <4v576t$o36@newshost.cyberramp.net>
Source record: 218721

I need the MARS out of band TX/RX mod for the Icom IC-Z1A if anyone out there has it. I assume that it involves removing a diode as most do.
Thanks
N1WNW

1159. Re:pizza,autopatch,etc.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: steve <kd6fyk@wco.com>
Message-ID: <321626F3.34F9@wco.com>
Source record: 218722

i see an accident on the way to work,i call it in on autopatch,i wait for cops and ambulance,help injured people,CALL WORK to say i will be late,give info to cops.ok?

1160. Re: 1,000,000 qsl cards thrown away per year

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: jrouse@infi.net
Message-ID: <4v5enk$i6i@nw101.infi.net>
Source record: 218723
Cross-posted to: uk.radio.amateur,rec.radio.amateur.policy,rec.radio.amateur.misc

albert corker (bert@skypilot.demon.co.uk) wrote:
: the rsgb have 2,000,000 cards through per year but only 50% are
: collected. what a waste of trees by radio amateurs.
: what can be done to lessen this waste.
=====
Nothing, alas -- this woeful state of affairs has been such since the first spark-gap QSO. Despite herculean efforts through the ages, no one has convinced the majority of hams that responding to QSLs is a worthwhile effort. It's too bad, but it ain't gonna change, chums!

73, John KA3DBN/VP2EBN
===:

--
John L. Rouse Packet: ka3dbn@ka3rfe.md.usa.noa
Capital-Gazette Communications FAX: 301-464-7027
jrouse@dc.infi.net PHONE: 301-262-3700 X200
john.rouse@reporters.net 410-268-5000

1161. Re: West Coast Blackout

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: anthonys@ix.netcom.com
Message-ID: <4v5dec$71t@dfw-ixnews7.ix.netcom.com>
Source record: 218724

In <4v5b19$q2f@gw.PacBell.COM> jaminge@pb2esac.esac.pacbell.com (John Minger) writes:
>
>[hope you don't mind my not re-posting this entire thread for you]
>
>Since I let out my "yelp" about Telco being tarred with a broad
>brush and the implication made that the phone system failed during
>the power outage, a lot of good press has shown up here. I'm
>pleased to see that virtually every report seemed to confirm
>my experience that phone service came through it well. Thanks.
>
>Peter Coffee AC6EN, responded well to my gripe, too. His statement
>was regarding his own experience with another phone company, not
>Pacific Bell.
>
>I want to say again that I don't want to detract from Peter's
>message that Los Angeles County Disaster Communications Service
>did a really good job during the blackout. I'll have to admit
>I was chuckling to myself at the control operator asking for
>reports from Sheriff's stations about where the power was out.
>He could have done it much faster if he had asked them which
>areas had POWER ON. That was a short list.
>
>Now that I've whined that phone service is so good, I'll probably
>end up eating crow when Murphy's law comes to get me.
>
>73 and thanks to all the posters,
>John Minger, AC6VV (DCS Z-148)

John-

You did very well and it is very much appreciated by this technophile. The only reason I jumped in to fray was to relate my personal experience with PacBell in S.F., where power outage by PG&E was widespread; and the fact that PacBell held up with exemplary fashion. The charge of telco failures was uncalled for as I saw it.

Would you mind telling us how long initial 48V battery backup can run and when do deisel generators kick-in?

I think this would "clear a lot of cobwebs" about how telco systems provide such reliable service.

-=Tony=- W6ANV in San Francisco

1162. ARLP034 Propagation de KT7H

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: w1aw@arrl.org
Message-ID: <$arlp034.1996@arrl.org>
Source record: 218725
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB PROP @ ARL $ARLP034
ARLP034 Propagation de KT7H

ZCZC AP54
QST de W1AW
Propagation Forecast Bulletin 34 ARLP034
From Tad Cook, KT7H
Seattle, WA August 16, 1996
To all radio amateurs

SB PROP ARL ARLP034
ARLP034 Propagation de KT7H

Average solar flux was down about five points over the past week. Flux values are expected to stay quite low, and rise up above 70 next week around August 22. After that it should peak around 76 on August 29, and be back to 70 around September 4. No big upsets are expected, but there could be some minor geomagnetic activity around August 27.

The Fall equinox is about five weeks away, and the days are gradually getting shorter. 40 meters is the best nighttime band for worldwide propagation, while 20 is best during the day. We are still suffering from very low solar activity at the bottom of the current solar cycle, so MUFs are depressed. Expect big improvements over the next two years.

The September issue of QST has an informative article by N6BV on advanced propagation prediction software. An interesting one is VOACAP, created for Voice of America, and available free from the federal government via the web at http://www.voa.gov. Click on Other Services, and then Software Distribution after the opening screen.

Sunspot Numbers for August 8 through 14 were 24, 20, 33, 30, 22, 16 and 30, with a mean of 25. 10.7 cm flux was 69.8, 70.2, 72.8, 72.9, 70.1, 69.6, and 68.8, with a mean of 70.6.
NNNN
/EX

1163. FS:NEW YAESU BATTERYS & SPEAKER MIC

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: John Lee <aw688@lafn.org>
Message-ID: <3216A0AA.7EFF@lafn.org>
Source record: 218726

FS:NEW YAESU BATTERYS & SPEAKER MIC

FNB-31 $ 40 +SHIP
FNB-38 $ 50 +SHIP
FNB-40 $ 35 +SHIP
FNB-41 $ 40 +SHIP

NEW YAESU SPEAKER MIC

MH-12 $ 20 + SHIP
MH-32 $ 20 + SHIP

1164. Western Connecticut Hamfest 15-Sep Newtown CT

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: KD1YV <jimkd1yv@ix.netcom.com>
Message-ID: <3216395A.293B@ix.netcom.com>
Source record: 218727

THE WESTERN CONNECTICUT HAMFEST
Sponsored by the Candlewood Amateur Radio Association

Sunday, Sept. 15, 1996 0900-1400
Edmond Town Hall Route 6, Newtown, CT
Tables inside Tailgating outside
ARRL Sanctioned Handicapped Access
Door Prizes Ample Parking
Gourmet Fare Rain or shine

Talk-in 147.12/.72 PL 141.3

General admission $4.00 at the door (what a deal!)

Tailgating $6.00, inside table reservations $10.00 each, (both
include 1 admission), mail to:
Candlewood Amateur Radio Association, PO BOX 3441, Danbury CT 06813

For more info, phone (203) 790 7041 or (203) 438 6782.

Hope to see you all there.
73 de KD1YV
Jim

1165. FS Sangean ATS-803A

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: Bob E <bobe@ltec.net>
Message-ID: <3216322E.5C6F@ltec.net>
Source record: 218728
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap,rec.radio.shortwave,rec.radio.amateur.misc

```
For Sale:
Sangean ATS-803A Showrwave AM/FM/SSB Communications Receiver.
Frequency Coverage 150Khz - 30 Mhz and 87.5Mhz - 108Mhz
In excellent shape. No scratches, everything works, non-smoker owned.
Unit comes with instruction manual, SW guide, earphones, and antenna adaptor.
Price $150.00.
Contact Bob Eastwood, KB0UZ
402-476-0170
bobe@ltec.net
```

1166. Re: IS THERE AN INDEX OF NETS?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: "James C. Marciniak" <n1rui@together.net>
Message-ID: <321654CD.250D@together.net>
Source record: 218729

Carl S. Littlejohns wrote:
>
> I was wondering, with the wide appeal that ham radio has, and the
> number of nets that have run over the years, has anyone collated
> the hf nets that do exist and listed them anywhere. Could be
> that a central point for posting the existance of nets could
> attract a few more folk.
> Hi Carl,

I'd love to see a worldwide posting of nets - that would be quite a job.

The ARRL sells a NET DIRECTORY which is updated yearly. That covers all (well, most) of the nets which run regularly in the US - HF and VHF as well.

Let me know if you find other resources for HF nets.

73, de N1RUI Jim

1167. Re: "GMRS Personal Radio?" What is that?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: n7ory@primenet.com
Message-ID: <4v6dkj$mhe@nnrp1.news.primenet.com>
Source record: 218730

Steve Eklund <72527.01012@compuserve.com> wrote:

>Gary Barnes wrote:
>>
>> GMRS="General Mobile Radio Service" It was a set of frequencies in the
>> UHF band set aside by the FCC to allow MOM&POP to use two way radios
>> for personal use...not business. There are limitations on power for
>> mobiles and control stations. The repeater owner may only charge users
>> what it costs to maintain the repeater...no profit. Mobiles are
>> limited to 7 watts and I believe 2 watts on bases..not too sure on the
>> last part though.
>>
>> I believe the freqs are 462.500-462.700mhz in 25khz jumps.
>>
>> GARY
>>

>I thought the power limit was 50 watts when using the main repeater
>input/output frequencies and only 5 watts when using the splinter
>frequencies. (Some of which will be shared by FRS)

>Steve

You are correct Steve. And that's ERP and not PEP. (GRIN)

Rob Neff (N7ORY)

1168. Re: West Coast Blackout

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: jaminge@pb2esac.esac.pacbell.com
Message-ID: <4v5b19$q2f@gw.PacBell.COM>
Source record: 218731

[hope you don't mind my not re-posting this entire thread for you]

Since I let out my "yelp" about Telco being tarred with a broad brush and the implication made that the phone system failed during the power outage, a lot of good press has shown up here. I'm pleased to see that virtually every report seemed to confirm my experience that phone service came through it well. Thanks.

Peter Coffee AC6EN, responded well to my gripe, too. His statement was regarding his own experience with another phone company, not Pacific Bell.

I want to say again that I don't want to detract from Peter's message that Los Angeles County Disaster Communications Service did a really good job during the blackout. I'll have to admit I was chuckling to myself at the control operator asking for reports from Sheriff's stations about where the power was out. He could have done it much faster if he had asked them which areas had POWER ON. That was a short list.

Now that I've whined that phone service is so good, I'll probably end up eating crow when Murphy's law comes to get me.

73 and thanks to all the posters,
John Minger, AC6VV (DCS Z-148)

1169. Re: FCC Ruling Prohibits Unreasonable Restrictions on TV Antennas

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: n9jig@TheRamp.net
Message-ID: <n9jig-1708962318590001@mund-ip-3.theramp.net>
Source record: 218732
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwaverec.radio.amateur.misc

Got it, and now I gotta figure out if it will help me or not. We have an association meeting in a couple weeks.

Thanks!

In article <3214AEBD.C45@ix.netcom.com>, "Jim O'Connell, W9WU" <jimw9wu@ix.netcom.com> wrote:

** Rich Carlson wrote:
** >
** > Does anyone have the text of this ruling? I am trying to get my townhouse
** > association to allow a DBS dish and a discone for scanning on my roof, and
** > this may help push me over the edge as it were...
** >
** > --
** > Rich Carlson, N9JIG (n9jig@TheRamp.Net)
** >
** > ScannerMaster Illinois Communications Guide (800) 722-6701
** >
** > CARMA (Chicago Area Radio Monitoring Association) BBS (630) 852-1292
** > PO Box 2681, Glenview IL 60025 SASE for sample newsletter.
**
** Rich: A copy of the Report and Order In the Matter of Preemption
** of Local Zoning Regulation of Satellite Earth Stations
** can be downloaded or read at http://www.fcc.gov
**
** Look for it in the headlines section on the first page for the
** link. I'm not sure it will help you if you're in a townhouse and
** don't own any roof/outside wall rights.
**
** 73, Jim O'Connell, W9WU ARRL Volunteer Counsel

--
Rich Carlson, N9JIG (n9jig@TheRamp.Net)

ScannerMaster Illinois Communications Guide (800) 722-6701

CARMA (Chicago Area Radio Monitoring Association) BBS (630) 852-1292
PO Box 2681, Glenview IL 60025 SASE for sample newsletter.

1170. INFO: TenTec 2 Meter Mobile...

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: blott@baker.cnw.com
Message-ID: <4v57rv$u50@lassen.cnw.com>
Source record: 218733
Cross-posted to: rec.radio.amateur.misc,rec.radio.swap,rec.radio.amateur.equipment

Hi everyone

Has anybody purchased and put togather one of thos 2 mtr. mobiles that TENTEC sells you in a kit? All the articles I have read say all a person needs is a VOM and some time on there hands. If anyone has taken the challenge and bought one of these rigs let me know if the time and effort that it takes to assemble the thing is worth it. I know you can buy lot's of used gear for around the same price it'll cost for the kit but it's the joy of building it that has caught my interest.

Thanks Bob
--
[73's from (Bob Lott "KC7OSZ")]
INTERNET: blott@baker.cnw.com
NOS: KC7OSZ@KG7HQ.AMPR.ORG
PACKET: KC7OSZ@N7RHQ.#NWWA.WA.USA.NA

1171. Re: FS: All Ham Bands, Reply to Republican Congress

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: n7ory@primenet.com
Message-ID: <4v6eb3$nmp@nnrp1.news.primenet.com>
Source record: 218734
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.amateur.policy

daf19730@Rosie.UH.EDU wrote:

>AGREED:
> President William Jefferson Clinton is the greatest president since
> George Washington.

>Now can we get back to shortwave?

GAG!

1172. Re: 1,000,000 qsl cards thrown away per year

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: Bob Perks <bob@bobshack.demon.co.uk>
Message-ID: <v17TrMAQcjFyEwvt@bobshack.demon.co.uk>
Source record: 218735
Cross-posted to: uk.radio.amateur,rec.radio.amateur.policy,rec.radio.amateur.misc

In article <3215e62d.3888013@news.demon.co.uk>, albert corker
<bert@skypilot.demon.co.uk> writes
>the rsgb have 2,000,000 cards through per year but only 50% are
>collected. what a waste of trees by radio amateurs.
>what can be done to lessen this waste.
>

Don't send any?
==========
"Welcome to the Incontinence Line..... Please Hold..."
Best Regards..... Bob G0LBQ - N6XDI
Email bob@bobshack.demon.co.uk
Amateur Packet Radio - G0LBQ @ G0LBQ.GB7SOL.#29.GBR.EU
FIDONET - 2:2500/179.27
==========

1173. Beat the pile-ups>>Cyberscheds now Available @ sarrio.com

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-1708961843010001@host28.cyberg8t.com>
Source record: 218736

This is a new use of the WWW that can benefit ham radio operators throughout the world.

You can now schedule contacts with hams all over the world simply and easily by using the WWW and e-mail.I have set aside a section of my web site for hams to post their request for over-the-air schedules. Included in the posting is a place to list the posters specific ham radio contact needs (countries, zones,IOTA, grid squares ect...). The postings will also include an e-mail link that will allow hams that read the posts, to easily request an over-the-air schedule.

How Can Cyberscheds work for me?

Do you need a certain state to complete a WAS award? Are you just a few countries away from a DXCC? Are you a QRP operator looking to make contacts with hams all over the world? Are you a DX station that has grown tired of the stateside pile-ups on 20 meters? Or are you going mobile into a hard to work county?

In all the above examples you could have prearranged cyberscheds with those hams that you want to work. If band conditions are poor just e-mail the hams you could not work and set up a new schedule.

Cyberscheds are a simple way to have the internet work to the benefit of hams all over the world.

All posting will stay on-line for 6 months, or until the posting is asked to be deleted.

Visit http://www.sarrio.com and participate in your first cybersched.
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront and web site developer. Located at http://www.sarrio.com.

In association with Brillar Enterprises http://win-win.com/brillar provider of discount CD-Roms!

1174. Re: 1,000,000 qsl cards thrown away per year

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: gfoley@freenet.columbus.oh.us
Message-ID: <4v613m$r5k@login.freenet.columbus.oh.us>
Source record: 218737
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Bob Schreibmaier (k2ph@dxis.monroe.pa.us) wrote:
: In article <3215e62d.3888013@news.demon.co.uk>,
: albert corker <bert@skypilot.demon.co.uk> wrote:
: >the rsgb have 2,000,000 cards through per year but only 50% are
: >collected. what a waste of trees by radio amateurs.
: >what can be done to lessen this waste.

: Stop QSLing? 8^{)

: 73,
: Bob

Some contesters send cards to everyone they work! Some of these
make over a 1000 contacts in a contest! Who needs another Ohio
QSL card?

K8EF

--
Gerry

1175. Re: ,000,000 qsl cards thrown away per year

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: huge@axalotl.demon.co.uk
Message-ID: <4v5hc8$5s7@axalotl.demon.co.uk>
Source record: 218738
Cross-posted to: uk.radio.amateur,rec.radio.amateur.policy,rec.radio.amateur.misc

In article <3215e62d.3888013@news.demon.co.uk>, bert@skypilot.demon.co.uk (albert corker) writes:
>the rsgb have 2,000,000 cards through per year but only 50% are
>collected. what a waste of trees by radio amateurs.
>what can be done to lessen this waste.

Stop sending QSLs?

Regards,

Hugh Davies, G0CNR.

"The Internet has subsumed everything that was interesting about amateur radio." Phil Karn, KA9Q.
http://www.axalotl.demon.co.uk

1176. IPS Daily Report - 17 August 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <4v5kig$9f1@flare.syd.ips.oz.au>
Source record: 218739
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 17/2330Z AUGUST 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 17 AUGUST AND FORECAST FOR 18 AUGUST - 20 AUGUST

1A. SOLAR SUMMARY
Activity: Very low.

Flares: None.

Observed 10.7 cm flux/Equivalent Sunspot Number : 68/2

GOES satellite data for 16 Aug
Daily Proton Fluence >1 MeV: 1.3E+06
Daily Proton Fluence >10 MeV: 1.8E+04
Daily Electron Fluence >2 MeV: 4.2E+06
X-ray background: A1.0
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
18 Aug 19 Aug 20 Aug
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 18 Aug: 68/2

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Unsettled

Estimated Indices : A K Observed A Index 16 Aug
Learmonth 10 3233 3212
Fredericksburg 15 14
Planetary 11 9

Observed Kp for 16 Aug: 2132 2332

2B. MAGNETIC FORECAST
Date Ap Conditions
18 Aug 10 Unsettled
19 Aug 8 Quiet to unsettled
20 Aug 6 Quiet to unsettled

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band

Date Low Middle High
17 Aug Fair Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
18 Aug Normal Normal Fair
19 Aug Normal Normal Fair
20 Aug Normal Normal Normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
17 Aug 7

Observed Australian Regional MUFs:
Darwin: Depressed 15 - 30% during the period 00 - 08 UT, otherwise
near predicted monthly values.
Sydney: Enhanced greater than 30% during the period 10 - 21 UT,
otherwise near predicted monthly values.
Hobart: Near predicted monthly values.

Spread F and sporadic E were observed during local night at
all stations, with sporadic E at Hobart blanketing.

Predicted Monthly T index for August: 10

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
18 Aug 10 near predicted monthly values
19 Aug 10 near predicted monthly values
20 Aug 10 near predicted monthly values

--
IPS Radio and Space Services | email: rwc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/rwc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/rwc/
tel: +61 2 94148300 | fax: +61 2 94148331

1177. IPS Daily Report - 16 August 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <4v32gc$d80@flare.syd.ips.oz.au>
Source record: 218740
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 16/2330Z AUGUST 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 16 AUGUST AND FORECAST FOR 17 AUGUST - 19 AUGUST

1A. SOLAR SUMMARY
Activity: Very low

Flares: None

Observed 10.7 cm flux/Equivalent Sunspot Number : 68/2

GOES satellite data for 15 Aug
Daily Proton Fluence >1 MeV: 6.4E+05
Daily Proton Fluence >10 MeV: 1.7E+04
Daily Electron Fluence >2 MeV: 4.4E+06 (normal)
X-ray background: A1.1
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
17 Aug 18 Aug 19 Aug
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 17 Aug: 68/2

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Unsettled to active

Estimated Indices : A K Observed A Index 15 Aug
Learmonth 14 3233 3432
Fredericksburg 10 11
Planetary 7 7

Observed Kp for 15 Aug: 2223 2222

2B. MAGNETIC FORECAST
Date Ap Conditions
17 Aug 8 Unsettled
18 Aug 6 Quiet to unsettled
19 Aug 6 Quiet to unsettled

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band

Date Low Middle High
16 Aug Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
17 Aug Normal Normal Fair
18 Aug Normal Normal Normal
19 Aug Normal Normal Normal
COMMENT: Blanketing sporadic E observed at Darwin and Townsville
during the period 04 - 12 UT on 16 August may have effected HF
comms at low latitudes.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
16 Aug 5

Observed Australian Regional MUFs:
Darwin: Blanketing sporadic E observed during the period 04-12UT,
with some spread F during local night, otherwise
near predicted monthly values.
Townsville: Blanketing sporadic E during the period 04-06UT,
otherwise near predicted monthly values.
Sydney: Enhanced 15-30% during the period 11 - 18 UT,
otherwise near predicted monthly values.
Hobart: Near predicted monthly values, with some spread F
observed during local night.

Predicted Monthly T index for August: 10

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
17 Aug 10 near predicted monthly values
18 Aug 10 near predicted monthly values
19 Aug 10 near predicted monthly values

--
IPS Radio and Space Services | email: rwc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/rwc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/rwc/
tel: +61 2 94148300 | fax: +61 2 94148331

1178. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug17.151645.10350@ke4zv.atl.ga.us>
Source record: 218741
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.antenna

In article <4udrd1$46li@news-s01.ny.us.ibm.net> djfinn@ibm.net (Dan Finn) writes:
>Does anyone know off hand if they are using the IEEE C92.1 limits? If
>so, Anybody trying to transmit at the normal 100W in a residential
>neighborhood (ie, low wire dipole antenna) may be in trouble. Forget
>about using attic antennas. The standard penalizes efficient antennas.
>I also believe the limits vary wiith frequency; I know that that the
>allowable ERP at 800MHz is only about 0.4W, compared to the previous
>7W Max. transmitter power (the old standard did not consider antenna
>efficiency). I also know that 800MHz products designed well below the
>7W transmitter power level usually did not meet the 0.4W ERP or that
>other parameter, SAR (for products held close to the ear). Yes, our
>handheld devices may be exempted but my point is that, if FCC is using
>the 1992 IEEE standard, amateurs in residential areas (a large portion
>of the ham population) will at the very least be marginal at 100W, if
>they use wire dipoles, G5RV's, slopers etc., and I believe the small
>600W linears will be out of the question. I hate to sound like I'm
>sounding a false alarm but I'm not ready yet to buy into ARRL's
>contention (D. Sumner) that the new regulation will show how safe
>amateur installations really are. I'm sure he has a high tower to take
>advantage of 1/R**2. The new IEEE limits are much lower than the
>previous standard, but we will not start seeing this until after we
>start making the measurements.

The official limit is based on NCRP 86 and ANSI C95.1-1992.
You are correct that people with indoor antennas are probably
in somewhat of a bind. However, don't forget that the standard
requires a 6 minute *average* for controlled exposures and a 30
minute *average* for uncontrolled exposures. Given the duty cycle
of typical amateur operations, this is an escape clause for many
amateurs. Old timer AM operators who talk 10 minutes at a stretch
with their plate modulated kilowatts are in trouble, but the average
SSB operator probably doesn't have a high enough duty cycle to break
the limit *on average*, first due to the peak to average power
ratio of SSB, and second due to the quicker back and forth nature
of the conversations typically held on SSB.

I've compared the calculated exposures I posted earlier with the
FCC measurements made at a number of amateur stations. My calculations
seem to give distance numbers that are about 30% pesimistic compared to
the FCC's actual measurements. (Of course my assumptions for those
calculations were intended to be conservative.) But that's encouraging.
The FCC only found stations breaking the limits when they used ground

mounted verticals, open wire fed flattops, and a quarterwave whip
on a car.

I think Sumner's contention is for the most part correct. High
power AMers and RTTY operators may have something to fear, but
most of us are going to squeak through. I'm more concerned about
what this is going to mean for access to good repeater sites.
We're dealing with combined exposures here, and the fields
could be very high, and with a high duty cycle. This may
affect maintenance access to sites in such a way that amateurs
may be denied access simply because it would be too inconvienent
to the paying customers if they had to shut down while work
was done at the site. "Moonsuits" may be an answer, but I don't
relish having to wear one of those on the tower.

Gary
--
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Lawrenceville, GA 30244 | |

1179. Re: CORRECTION - FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug17.151315.10257@ke4zv.atl.ga.us>
Source record: 218742
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.antenna

In article <4u83e9$3rs@nnrp1.news.primenet.com> n7ory@primenet.com writes:
>I just want to know how to check if I comply or not. I downloaded the
>PDF from the FCC, and the measurements listed there are WAY above me.
>Is there a chart available for this?
>I'm not too concerned because I only exceed 50W on 10M (100W), but
>would still be interesting to know.
>
>Rob Neff (N7ORY)

There is a chart. It is on page 96 of the report and order. It shows the controlled exposure power density in the 10m band to be 900/f, or about 30 mW/cm^2, and the uncontrolled exposure to be 180/f, or about 6 mW/cm^2.

Now to get down to that level, the RF field from a 100 watt isotropic source would have to expand to a sphere of surface area 100 watts/.03 watts/cm^2, or 3333.33 square centimeters. The formula for the surface area of a sphere is A=4*pi*R^2. We know A and want R, so we rearrange the formula to R=sqrt(A/(4*pi)). That gives a value for R of 16.29 centimeters. So, if no part of your antenna comes within 16.29 centimeters of you or your immediate family, you're Ok for power density.

You can repeat the calculation for uncontrolled exposure by using 6 mW/cm^2 instead. That's an area of 16666.67 square centimeters and a R of 36.42 centimeters. So if no member of the public can approach any point on your antenna closer than 36.42 cm, you're Ok on power density.

Note, since your antenna is not an isotropic source, this is a conservative calculation. Actual exposure will be less since all of your power won't be concentrated in the single point on the antenna closest to you. To get the real value, which will be lower, you'll have to use an antenna modeling program. However, since the safe distance is so short, that shouldn't be necessary.

Note also that a gain antenna will have different safe distances in different directions. You'll need more detailed calculations to determine actual safe distances with a gain antenna. In every direction except the axis of the main lobe, the safe distance will be less than for the isotropic case (disregarding strong sidelobes). In the main lobe, the safe distance will be greater than for the isotropic case.

Ok, now we need to look at the magnetic field exposure. For
10m, the limit is 4.89/f or 0.163 A/m for controlled exposures.
To calculate *far field* exposures, we note that the impedance of
free space is 377 ohms. P=I^2*R, so the power density in watts/meter^2
to express a current of 0.163 A/m is 0.163^2*377 or 10 watts/meter^2.
We can plug that into the first calculation like this,

100 watts/10 watts/m^2 = 10 m^2.

That's our A. We can now use R = sqrt(A/(4*pi)) and find that we
need to be at least 0.89 meter from the antenna to be within the
controlled exposure limit. But note that 0.89 meter is *not* in
the far field of the antenna.

The uncontrolled exposure limit for 10m is 0.073, so the minimum
safe distance for the general public is 2 meters. But note that
2 meters is *not* in the far field for a 10m signal.

(Rule of thumb, far field calculations are only valid when you're at
least 10 wavelengths from the antenna.)

The third limit is the electric field strength in volts/meter. For
10m, the limit for a controlled exposure is 1842/f or 61.4 volts/meter.
The impedance of free space is 377 ohms. P=E^2/R, so the power density
in watts/meter^2 needed to express 61.4 volts/meter across 377 ohms is
61.4^2/377 or 10 watts/meter^2. We can plug that into the first calculation
like this, 100 watts/10 watts/m^2 = 10 m^2. That's our A. We can now use
R = sqrt(A/(4*pi)) and find that we need to be 0.89 meter from the
antenna to be within the controlled exposure limit.

I'll leave the uncontrolled exposure limit as an exercise. All you
need to know is that the limit is 824/f. (Actually, all you need
to notice is that the safe distance for the electric field is the
same as for the magnetic field.)

But note again that this is only valid in the *far field*.

Because the safe distances we're getting here for the far field assumptions
are *not in the far field*, there are near field discrepencies not accounted
for. These can be serious as we'll see below.

For example, the Rrad of a dipole is roughly 50 ohms (would be 73 ohms
in free space). At 100 watts, that gives a feedpoint current of 1.414
amperes. The magnetic field declines inversely with distance in the
near field (not the inverse square as is the case for power). So 1.414/0.163
= 8.67 meters. That's the near field safe distance from the current node
in the antenna for the controlled magnetic field exposure. For the
uncontrolled exposure, the minimum safe distance is 19.8 meters. Similarly,
for the electric field, the safe distances are the same, but from the
antenna voltage nodes (the ends for a dipole) instead of the feedpoint.

Now that places the safe distance at about 66 feet for the general
public. That's very different from the 2 meter safe distance we got
with far field assumptions. So why show the far field calculations?

Because at VHF/UHF where the far field is a comparatively short physical distance from the antenna, and where exposure limits are much tighter, the far field values can dominate, especially in the gain antenna case. You need to run both sets of numbers. If the far field numbers actually fall in the far field, use them. Otherwise use the near field numbers.

Note that at HF, particularly lower HF, the near field magnetic field numbers are the ones of concern. It is possible to measure this magnetic field directly with a fairly simple instrument. You should do this to find and map any hot spots. At VHF+, there is no reliable instrument to measure the magnetic near field. Electric field measurements can be done instead since they'll work out to the same distance (except from the element ends instead of their centers). This isn't quite as easy to do, however, because there are more potential sources of error in this measurement. But direct power density readings also become possible at UHF+, and relatively simple instruments can be used to do that to a fairly high degree of confidence. Once you have any one of these numbers, you can derive the others at least to an outer bound.

Gary
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1180. Re: CORRECTION - FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug17.152315.10521@ke4zv.atl.ga.us>
Source record: 218743
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.antenna

In article <4u7vsb$nl8@news.pacifier.com> mikef@pacifier.com (Mike Freeman) writes:
>In article <4u644o$5l3@news.accessone.com>,
>Ed Mitchell <vbook@vbook.com> wrote:
>>
>>While the ruling does place additional rules and compliance
>>issues upon Amateur Radio stations, I'd guess that having a
>>federal standard will help to prevent lots of local
>>municipalities from creating their own, usually ill
>>considered regulations on RF emissions.
>>
>Interesting point. You may be right. Still, it irritates me that FCC has
>*any* questions on RF emissions and safety other than the usual "why
>should you not hang onto an antenna when someone's transmitting a gallon
>on it?". While at microsave frequencies and above (and, perhaps, at high
>UHF), disastrous things can happen when humans get in the way of
>high-powered RF fields, I am not at all certain (learned ptomes on this
>newsgroup to the contrary notwithstanding) that RF emissions pose a
>serious hazard at VHF and below. Certainly the Novice question-pool
>question as to why one should keep the rubber duck antenna of a HT away
>from one's head when transmitting seems to me not to be proper exam
>material in that IMHO the jury is still out on RF problems at VHF and
>below.
>
>I know, at least, that I've used HTs with rubber ducks for over twenty
>years and haven't noticed a thing other than the financial drain of buying
>battery packs!

There is documented evidence that exposures of greater than 10 mW/cm^2
can cause harm. In particular, cataracts or loss of focal flexibility
due to RF heating of the lens of the eye, and in some cases cancers.
Just as some people get away with smoking cigarettes for years without
getting lung cancer, some people can get away with excess RF exposures
for years without apparent harm. But statistically, the rate of cancers
does increase with exposure in large populations. Milham found a doubling
of cancer rates (compared to the rates of the general population) for some
cancers in his study of deceased amateurs.

The frequencies where (RF heating) exposures are most harmful to humans
are in the range 30-300 MHz. That's why the standards require a lower
exposure at those frequencies than at lower or higher frequencies. The
reason for that is those frequencies are the ones which couple most
strongly to the human body. That doesn't mean we can treat exposures

at other frequencies casually, but the evidence does indicate that higher or lower frequencies don't couple as strongly to the body. Therefore a higher exposure limit for them is tolerable.

The new MPE is 1 mW/cm^2 in the 30-300 MHz region. That gives at least a 10x safety margin (actually, the margin is probably greater than that since 10 mW/cm^2 is about the lower bound for noticable RF heating effects). At 100 mW/cm^2 and higher, however, effects can be very noticable very quickly. There are documented cases of amateurs being blinded by such exposures, literally overnight. (There is also industry evidence, in particular the IBEW has a case file on this.)

Athermal effects, IE effects which aren't a result of RF heating, are a bit more questionable. There are population studies which go either way on this. If there are effects, they appear to either have a weak statistical association, or have to be coupled with an as yet unidentified co-factor. Something appears to happen in some people, but the mechanism isn't understood yet. Athermal effects have been most noticed at lower frequencies, particularly when those frequencies are pulsed at a low rate, IE in amateur radio that would correspond to OOK Morse style signals. In vitro studies have shown changes at the cellular level when exposed to fairly weak pulsed RF fields. In particular, pulse rates in the 5-10 pps range have been shown to cause abnormal chromosome division. This is usually taken as an indication of a cancer causing agent at work.

Gary
--
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1181. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <DwAtnG.5q@news.hawaii.edu>
Source record: 218744

Burt Fisher <kotzebue@juno.com> wrote:
>Gerald Schmitt wrote:

>> >How did you abuse my sig block?

>> Review some of my older posts I'm afraid I added a touch or two.

>I am sorry I missed them. What did you say?
>I can take the hit.

Now that you boys have kissed and made up, why not take the love notes to email?

KH2PZ

1182. Re: WA8IMO wants to know !

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <DwAuEp.y3@news.hawaii.edu>
Source record: 218745

georgehe@unix.asb.com () wrote:

>How about volunteer firemen who use their ham gear for their
>part in the fire service ?

He shouldn't have to. Either his department issues him one, or he should buy one for himself and not be so cheap. Lots of public radios being advertised on rec.radio.swap.

When you modify your 2M radio to xmit out-of-band it's *imperative* that you put the radio on a spectrum analysizer to insure you're not going to cause trouble for other services. But why even do the mod? By telling the world you've done this you're telling us you're able to justify breaking federal law, and that you're too cheap to buy a radio designed for such comms.

Jeff KH2PZ / KH6 (former fireman)

1183. Re: Packet software

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: n5ejs@linknet.net
Message-ID: <8107cc$11a14.ba@NEWS>
Source record: 218787

"Scott Vicini" <kd6fvj@best.com> wrote:

:>Does anybody have a copy of the new PcPakratt for windows? I would like a
:>copy of it if I can.
:>kd6fvj@best.com

Someone sure does Scott, AEA is the company you want to talk to.
PcPakratt for Windows is not free ware or shareware. And they are
pretty slick at the hidden Registration info in the software. A decent
programmer can get around it but I sure wouldn't recommend it.
Far better to pay the price and get the book along with support. There
will be quite a few things you run into that are only in the book. Of
course if you have someone that can help you along the way because
they have the book and some experience....

De N5EJS
Russ

I like manuals because they are like an open-book test. You can always
make an "A" if you look in the right place.

1184. email or www address Anateur Magazines?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: chasteen@juno.COM
Message-ID: <19960816.234611.3942.7.chasteen@juno.com>
Source record: 218788

Hope someone can help me . I am looking for the email and hopefully
the Internet address for the Amateur magazines.

Thanks for your help.
73 john

St. John of Wood Dale ======================================
John Chasteen (Near the center of the Universe...)
1 Thes 5:16 (Near Chicago, Illinois.. USA)
voice 630-860-2580 chasteen@juno.com
==

1185. Re: SHORTWAVE RADIO IN SCHOOLS

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: thompson@atl.mindspring.com
Message-ID: <4v3d35$9c0@mule1.mindspring.com>
Source record: 218789

mooney@panix.com (Michael Mooney) wrote:

>How and where is shortwave radio being used in primary and secondary
>schools? I understand it is seen as an active, "here and now" tool in
>increasing the student's grasp of world events, etc.

>I'd like to contact educational types who are active in this laudable
>endeavor. Any clues? Thanks.

>--
>Michael J. Mooney | Internet:
>140-10 Franklin Avenue (B44) | mooney@panix.com
>Flushing, New York 11355-2657, USA | 70372.2454@compuserve.com
>Fax: (718) 886-0253 | Compuserve: 70372,2454

There are several... WB2JKJ, The Radio Club of Junior High School 22
NYC 516-674-4072

WB2MGP is an educator..look her up in the call book. She gives talks
about radio at conventions.

Jim Stafford, W4QO and The Metro Atlanta Telephone Pioneers have a
group that assist schools bring up and use amateur radio. One he
helped got a donation thru a SK for a 2 meter station and an HF
station. He is in the call book and was Herb Brier Instructor of
the year several years ago.

NYc Schools have a book and a radio course that is taught.

Dave K4JRB

1186. knight-kit walkie talkies

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: rew5808 <bwilder@reallink.com>
Message-ID: <3215650D.3C35@reallink.com>
Source record: 218790

can anyone help me find a pair of knight-kit c-1oo walkie talkies from the early 60's??? they were blue 100mw units. also looking for a knight "scan master" 4 band short wave receiver from the same time period.

thanks
bobby
wb5wur

1187. WTB: inexpensive dummy load

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: zommbee@nwlink.com
Message-ID: <4v3n32$qau@texas.nwlink.com>
Source record: 218791
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

Does anyone have an inexpensive ($10 - $20) dummy load suitable
for use with my TS-820? Like maybe an old Heathkit or
something along that line?

Prefer dry type (or drained of oil so it can ship).

I don't need anything at all fancy - no meters, switches, tuners, etc.
built-in. Just 50 ohms at 100+ watts.

Let me know if you have anything!

Dave WB7AWK
zommbee@nwlink.com

1188. complete text - new fcc antenna rule

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: johngk@iglou.com
Message-ID: <DwA6ul.4z3@iglou.com>
Source record: 218792

here it is.

1189. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4v4fu3$hbu@lehi.kuentos.guam.net>
Source record: 218793
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

kc5egg@ix.netcom.com(Gerald Schmitt) wrote:

>In <4uvdq9$msi@lehi.kuentos.guam.net> pacrimgolf@kuentos.guam.net (Jim
>Kehler) writes:

>>Lack of respect for someone else's opinions are the specialty of this
>>newsgroup. That's why we are all here. You must be new here, huh ?
>>
>>73, Jim KH2D
>>
>>
>Jim,

>You are absolutely right. I agree with you completely on this. Watch
>out for those Brown Snakes.

> 73 Jerry

Thanks, Jerry, that's probably the first time anybody ever agreed with
anything I said.

73, Jim KH2D

1190. Re: WA8IMO wants to know !

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4v4h9g$hi6@lehi.kuentos.guam.net>
Source record: 218794

georgehe@unix.asb.com () wrote:

>How about volunteer firemen who use their ham gear for their
>part in the fire service ?

I guess there are a few that might do that over there where you are but
I wouldn' t know about that, George. All the firemen here are paid government
employees, no volunteers. Government gives them radios, I guess.

>So, whats ARES/RACES all about in your neck of the woods ?

We don't have ARES/RACES here. The only 'major' disaters we have are typhoons,
and most hams need to stay home and take care of their families while those are
going on. We had one guy here who was the ARES coordinator for a few years,
but he never could find anybody to coordinate. With the wind blowing 200 mph,
there isn't much to do anyway, except sit around and wait for it to stop
blowing. When the typhoon is over, everyone on the island helps everybody else
pick up the tin and nail it back on the closest house to where it landed, and
those type of activities don't require much radio communications either, I
guess.

I was reading about the emergency communications during the power outage in
California in another thread, but power outages here aren't emergencies, they
are just an every day occurance, so don't need any communications during them
either. If a power outage here was an emergency, we'd be in emergency status
more that normal status. 8-)

Anyway, George, now that you've got me thinking about it, I guess we don't have
ARES or RACES over here because there just isn't much for them to do.....

73, Jim KH2D

1191. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <3215B3CB.3672@juno.com>
Source record: 218795

Gerald Schmitt wrote:
>
> >How did you abuse my sig block?
>
> Review some of my older posts I'm afraid I added a touch or two.

I am sorry I missed them. What did you say?
I can take the hit.

```
#================#=========================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | Mr. Happy should not be happy all the time. |
#================#=========================================================#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#=============================================================================#
```

1192. Complete FCC Antenna Ruling is on FCC Pages

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: AC6V <AC6V@ix.netcom.com>
Message-ID: <3215E1E4.557D@ix.netcom.com>
Source record: 218796

The new FCC Ruling regarding TV antennas has created quite a stir in the Amateur Radio Community.

The full 30 pages of FCC Ruling 96328 can be read, printed and downloaded from:
http://www.fcc.gov/Bureaus/Cable/Orders/fcc96328.txt

Hmm now lets see -- a log periodic from 50 Mhz to 1.2 Ghz covers the TV Broadcast Band --- Right???
--
Hark for I have hurled my words to the far reaches of the earth!
What King of old could do thus??
..... AC6V

1193. Re: License required for CB radio repair

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: skerns@mail.talon.net
Message-ID: <4v4pbq$r2k@crash.microserve.net>
Source record: 218797

In article <4u0a6q$au7@dfw-ixnews2.ix.netcom.com>, timhynde@ix.netcom.com says...
>
>>A fine job has been done here in explaining what certification means...
>>but to the answer the original question, "License required for CB
>>radio repair?" - the answer is "no" - no license required.
>>
>>Curtis
>>GROL
>
>Im confused, I was under the assumtion that ANY transmitting device
>above a few milliwatts (not sure of the level) would require at least
>General Radiotelephone cert. in order to do any TX adjustment. Anyone
>else?
>
>Tim ka8ddz
>
>
At one time a license was require but I guess the goverment
decided that the cost of licensing and enforcement was
not worth it. Now anybody can work any transmitter they wish,
the owner of the transmitter is liable for their equipment if
it causes interference. The only transmitters that still requires
a licensed technician is equipment mounted upon a sea going vessel.

Steven Kerns N3FTI
Penn Biomedical Support, Inc.
General Radiotelephone Certificate # PG-3-5739
skerns@mail.talon.net

1194. uk/ra /ssl telephone numbers and staff

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: bert@skypilot.demon.co.uk
Message-ID: <3215e924.4646731@news.demon.co.uk>
Source record: 218798
Cross-posted to: uk.radio.amateur,rec.radio.amateur.policy,rec.radio.amateur.misc

RA/SSL/MP Contacts

Ian Lang MP: Secretary of State for Trade and Industry
(MP for Galloway
& Upper Nithsdale)
Mark Gibson Principal Private Secretary

0171 215 5621
Matthew Hilton Private Secretary
0171 215 5622
Rachel Jenkinson Private Secretary
0171 215 5623

Anthony Nelson MP: Minister of State
(MP for Chichester) Urrich Marthaler Private Secretary
0171 215 5501

Ian Taylor MP: Under Secretary of State at the dti
(MP for Esher) Commons Office 0171 219 5221

Helen Stanley Private Secretary
0171 215 5147

Peter Gregson: Permanent Secretary dti (Civil Servant)
Tom Smith:Private Secretary 0171 215 4436

Alistar Macdonald: Deputy Secretary dti (Civil Servant)
Sandra Roman Private Secretary
0171 215 4179
Gerry Allen
0171 215 4178

Virginia Bottemly MP: Heritage Secretary
(MP for Surrey)

Jack Cunningham MP: Shadow Cabinet Opposition spokesperson for
(MP for Copeland) Trade and Industry + Team
Brian Wilson MP: "
Stuart Bell MP: "
Lewis Moonie MP: "
Nigel Grifiths MP: "

Sir Michael Marshall MP: Chairman; Parliamentary Information
(MP forArundale) Technology Committee (Pitcom)

Sir Giles Shaw MP: Chairman; Science and Technology Select
(MP for Pudsey) Committee

Lord Tomb: Chairman; House of Lords Science and
Technology Committee

Lord Flowers: Chairman; All Party Subject Parliamentary
and Scientific Committee

Anne Campbell MP: Chair; Parliamentary Labour Party
(MP for Cambridge) Departmental & Regional Group Science,
Technology and Civil Service Group

Ken Purchase MP: Chair; Trade and Industry Parliamentary
(MP for Wolverhampton) Labour Party Departmental Committee

Richard Caborn MP: Chairman; Trade and Industry Select
(MP for Sheffield Central) Committee

Chris Smith MP: Shadow Heritage Secretary
(MP for Islington &
Findsbury)

Lord Brian Rix G2DQU: House of Lords
Lady Plowden G6PHY : House of Lords

RA Steering Board - Manages the RA
==========
Chairman - Alistair Macdonald Deputy Scretary dti

Members of the Steering Board

Jim Norton - Chief Executive RA
Mike O'Shea - Head of Finance dti
Don Cruickshank - Director Oftel
Ian Dewis - Principal Computer Science Corporation
J Thynne -
Sir Ivor Cohen -

Due to the IRA South Quay bombing of RA HQ, their new address is

Radiocommunications Agency
New Kings Beam House
22 Upper Ground
London
SE1 9SA

The UK Radiocommunications Agency Webb site
==========
The Radiocommunications Agency is responsible for amateur radio in the
UK
and can be found at:
HTTP://www.open.gov.uk/radiocom/rahome.htm

E-Mail address is: library.ra@gtnet.gov.uk

RA Direct line phone numbers
==========

Jim Norton: Chief Executive RA 0171 211 0570
Roger Louth: RA Head of R2 Mobile Services 0171 211 0175
John Keeling Head of Amateur Radio 0171 211 0156
Karen Scott: Amateur Radio 0171 211 0157
Colin Richards: RIS/RSGB Committee Chairman 0171 211 0485
Doug Raynes: RIS Enforcement 0171 211 0463
Neil Marr HEO RIS 0171 211 0461
Amateur radio: General Enquiries 0171 211 0160
CB: General Enquiries 0171 211 0159
CB: Complaints about abuse 0171 211 0463
RIS: General Enquiries 0171 211 0464

RA 24hr Publications order number 0171 211 0506

RA Switchboard: 0171 211 0211

RIS Baldock 24h 01462 454547/456551

John Roberts: SSL Chairman 0117 925 8333
Rod Alexander: SSL Managing Director 0117 925 8333
David Black: SSL Director of Operations 0117 925 8333
Kevin Mitchell: SSL Accounts Manager 0117 925 8333
Ann Hollaway: SSL Manager Amateur radio 0117 925 8333

The RA Internal Telephone Directory is available free from the
====
RA Library. It lists all RA staff and their grade, also listed
are all RA Local offices addresses/telephone numbers/Managers.

1195. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <4v3392$n08@sjx-ixn2.ix.netcom.com>
Source record: 218799

In <321483CA.566@juno.com> Burt Fisher <kotzebue@juno.com> writes:
>
>Gerald Schmitt wrote:
>
>> Thank you Burt and I will stop abusing your sig block. Both of us
being
>> civil to each other should scare the Hell of some folks.
>
>How did you abuse my sig block?

Review some of my older posts I'm afraid I added a touch or two.

>Anyone who is civil to me becomes a marked person by other users.
>
>
>#===============#===
#
>| Burt Fisher | Teacher of video, broadcasting and electronics
|
>| Amateur call | South Dennis, Ma. (Cape Cod)
|
>| K1OIK | Mr. Happy should not be happy all the time.
|
>#===============#===
#
>| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu
|
>#===
#

1196. rsgb g0tww:Stop the knocking

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: bert@skypilot.demon.co.uk
Message-ID: <3215e779.4219896@news.demon.co.uk>
Source record: 218800
Cross-posted to: uk.radio.amateur,rec.radio.amateur.policy,rec.radio.amateur.misc

Radcom April 1996

Stop the Knocking

I have noted in recent weeks the proliferation of anti-RSGB diatribe on the packet network. I know members will say this has been going on for years. But recently it seems to have become most fashionable to knock the Society and its work at every given opportunity. It must be extremely frustrating for the perpetrators that the Society does not respond in a similar vain.

To take one example of the criticism aimed at the Society , I recently read that the Society fails to take account the views of its members. Nothing could be further from the truth. Over the past two years the Society has held a number of regional meetings up and down the country. These meetings where open to both members and non-members, and gave detractors the ideal opportunity to put forward their views. With out exception theses meetings were very poorly
attended. At most of the large rallies and events we attend there is always a chance to take to task members of the HQ team, myself included, and members of Council and the volunteers Com mittees. Most people who take the time to talk to us are most supportive of the work of the Society.

I think at times members and non-members of the Society forget that the vast majority of the work carried out by the Society on behalf of the amateur radio community within the UK is done by volunteers. Over 2000 people work on a volunteer basis for the Society. Without the efforts of these dedicated people, amateur radio would have sunk without trace years ago.

All of us that hold a license and enjoy our hobby own them a debt of gratitude for their efforts. They certainly do not deserve the level of criticism aimed them by a few mis-informed mischief makers who have put their views across on the packet network, but do not have the courage to raise their views face-to face when given the opportunity.

Criticism of HQ staff is acceptable, because the staff and I are paid to service the needs of the membership. However such criticism should not be on packet network, because HQ staff - as professionals - are prohibited from using amateur radio to reply. If we are failing in our duties then I would welcome any constructive criticism in writing, back by facts and figures.

That would give me and the staff the opportunity to make any changes required to improve the service.

Misinformed criticism is unproductive and serves no purpose other than to create ill-feeling.I am sure that many thousands of amateurs are fed up as I am at the rubbish put out on packet by a few operators who feel the network is there solely to broad cast their views. Its time the knocking stopped, because in the eyes of the general pubic it does nothing to enhance the reputa tion of amateur radio which is already suffering enough from "external" sources.

By Peter Kirby G0TWW General Manager.

1197. RE: WWW Pages

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: gill.blue@kb4fsk.com
Message-ID: <840287758@kb4fsk.com>
Source record: 218801

What kind of system are you running ?
Give our server a try, running wildcat 5.0 telnet,http ftp to kb4fsk.com

gill.blue@kb4fsk.com

73's

From: ASPERGES@INNOTTS.CO.UK
Sent: Friday, August 16, 1996 4:37 PM
To: ALL
Subject: WWW Pages

Path:
news.hi.net!nuhou.aloha.net!news-w.ans.net!newsfeeds.ans.net!chi-news.cic.net!po
rtc01.blue.aol.com!newsxfer2.itd.umich.edu!howland.erols.net!EU.net!usenet2.news
.uk.psi.net!uknet!usenet1.news.uk.psi.net!uknet!uknet!xara.net!emerald.xara.net!
Aladdin!innotts.co.uk!usenet
From: asperges@innotts.co.uk (Jeremy Boot)
Newsgroups:
rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,re
c.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy
Subject: WWW Pages
Date: Fri, 16 Aug 1996 20:37:39 GMT
Organization: innotts.co.uk
Lines: 11
Message-ID: <3218dae6.22036013@news.innotts.co.uk>
Reply-To: asperges@innotts.co.uk
NNTP-Posting-Host: seriale2c.innotts.co.uk
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
X-Newsreader: Forte Agent .99f/32.275
Xref: news.hi.net rec.radio.amateur.antenna:17861
rec.radio.amateur.digital.misc:13203 rec.radio.amateur.equipment:23069
rec.radio.amateur.misc:95318 rec.radio.amateur.policy:31927

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
G4NJH Pages in the UK
----

http://www.innotts.co.uk/~asperges/

16,500 visitors and still counting. Students, when
are you coming back for the new academic year?
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

Updated Aug 96
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

1198. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-17 00:00:00 UTC
From: "Thomas J. Penton" <afn45350@afn.org>
Message-ID: <Pine.A32.3.93.960817093629.17501D-100000@freenet4.afn.org>
Source record: 218802

On Sat, 17 Aug 1996, Burt Fisher wrote:

> Gerald Schmitt wrote:
> >
> > >How did you abuse my sig block?
> >
> > Review some of my older posts I'm afraid I added a touch or two.
>
> I am sorry I missed them. What did you say?
> I can take the hit.
Burp you were thinking of new ways to flame this ng, if you dont like hams
why flame this ng.

Thomas J. Penton
afn45350@afn.org
I am a stranger in a
even stranger land

1199. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: tim phillips <drx1@ix.netcom.com>
Message-ID: <3216B728.4B98@ix.netcom.com>
Source record: 218654

```
#================#=========================================================#
> > | Burt Fisher | Teacher of video, broadcasting and electronic | and more crap
> > | Amateur call | South Dennis, Ma. (Cape Cod) |
> > | K1OIK | Mr. Happy should not be happy all the time. | if he is 1"
> > #================#=========================================================#
> > | k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
> > #=====================================================================#
I have learned a lot from this part of the news group.What I've learned
is to mark all Bert's postings without reading them!!!!!!
```

1200. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: jshaffer@mail.csrlink.net
Message-ID: <19960818.79F8C30.A47C@localhost.UUCP>
Source record: 218655
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

In article <4uvhre$4m6@nnrp1.news.primenet.com> n7ory@primenet.com (Rob Neff) writes:
>
> Perhaps the use of an HT helped keep the cancer cells at lower level
> than they would have been without it?

Anything's possible -- ask Beck, Rife, or Lakhovsky. (OK, Beck -- the rest are dead.) But if EM radiation does have non-thermal biological effects, my guess is that at an arbitrary frequency and power level it would be more likely to harm than help.

--
* From the disk of: | jshaffer@mail.csrlink.net | "there's a hell of
Jim Shaffer, Jr. | IRC: JustnCase // | a good universe
37 Brook Street | "Real AM radios // | next door; let's go"
Montgomery, PA 17752 | go up to 30000." \\// | (e.e. cummings)

1201. TH79A(D) FOR SALE -- US ONLY

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: richardl@enterprise.ufp.com
Message-ID: <87k9uwiklz.fsf@enterprise.ufp.com>
Source record: 218656
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I have a Kenwood TH79A(D) for sale. It is in great shape, works perfectly. Comes with soft case and Kenwood hat. All docs, box and packaging. My wife and I use the TH28 and the mobile rig almost exclusively so I just dont need it anymore. This radio also has been modified with the "Wide Band" Modification by AA7RD. 400 dollars plus shipping in the Continental US only.

richardl@ufp.com
KE6RQD

1202. Gulf Coast Ham Convention - Houston Texas Area

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: Bob Biekert <biekert@phoenix.net>
Message-ID: <01bb8d39$213515c0$a779f1cd@Bob.phoenix.net>
Source record: 218657

The Gulf Coast Ham Convention will be held OCT 11/12/13th at the Humble
Texas Convention
Center (Houston TX area)

Check out the WWW page:

http://www.coarc.org/~gchc

73 Bob
--
Bob KA5GLX
http://www.clarc.org Clear Lake ARC
http://www.clarc.org/~gchc Gulf Coast Ham Convention
http://www.clarc.org/ATV CLARC ATV SIG

1203. Ham Radio Gear for Sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: "Stuart R. Crawford" <srcrawford@cwave.com>
Message-ID: <32174D72.3469@cwave.com>
Source record: 218658
Cross-posted to: rec.radio.swap.,rec.radio.amateur.misc,calgary.general,edm.general,niagara.general,ab.general,bc.general,can.forsale,ont.general,

Hello I am trying to sell some Ham Radio Gear if you are interested
please look at the list below.

1 - Vectronics VCI300 Antenna Tuner - $225.00
2 - HF Vertical by Amtron for 15-10m - $20.00
3 - 2m Colinear VHF Vertical mobile or base - $20.00
4 - IPARN Manual includes all satellite codes - $5.00
5 - Canadian Advanced Study Guide - $5.00
6 - Beyond the Line of Sight VHF Guide - $5.00
7 - Getting started in Ham Satellites - $2.00
8 - Canadian Advanced Question Bank 3 1/2 disk Windows 3.1 - $5.00
9 - Various Coax Cables 50 ft long - $5.00

Please e-mail me with questions or concerns

Stu

srcrawford@cwave.com

1204. WTB : 7 Ghz Microwave gear

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: mrg1995@htp.net
Message-ID: <4v7mjo$5pt@news.htp.net>
Source record: 218659

```
WTB : 7 Ghz Microwave gear

Call
Mike-
1-516-447-1041 (24 hours)
```

1205. Lightning Protection Information

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: Harry Clinton <ni4p1@hcc-uky.campus.mci.net>
Message-ID: <3217362B.535F@hcc-uky.campus.mci.net>
Source record: 218660

Lightning protection for towers, masts. Informative information sent to your postal address.

1206. QST collection for sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: Derrick Belbas <ve4wnr@mb.sympatico.ca>
Message-ID: <321765E9.3E54@mb.sympatico.ca>
Source record: 218661
Cross-posted to: man.ham-radio,rec.radio.amateur.misc,rec.radio.amateur.swap

Hi. I've got a few QST magazines looking for a good new home.

In total, 445 issues, which include 7 from the 1930's, 37 from the 1940's,
77 from the 1950's, 38 from the 1960's, 87 from the 1970's, 118 from the 1980's, and
81 from the 1990's.

I'm asking $$ as follows:
for single issues, $5 each for 1930's,
$3 each for 1940's,
$2 each for 1950's,
$1 each for 1960's and 1970's,
$2 each for 1980's and 1990's.

Prices in Canadian dollars, postage extra if required.
Considerably cheaper for purchases of more than one issue.
$200 for the set.
Extremely flexible on prices.

Thanks.

Derrick VE4VV
ve4vv@mts.net

1207. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: "Leland S. Van Koten" <vankoten@ix.netcom.com>
Message-ID: <4v81ho$m5e@dfw-ixnews8.ix.netcom.com>
Source record: 218662

In article <19960818.79F8C30.A47C@localhost.UUCP>,
jshaffer@mail.csrlink.net (Jim Shaffer, Jr.) wrote:

<Snip>

But if EM radiation does have non-thermal biological effects, my guess
>is that at an arbitrary frequency and power level it would be more likely
to
>harm than help.

The point, however, is that this IS just a guess. A great many things have non-thermal biological effects, but are not known to cause harm except with exposures high enough to cause acute, immediate harm. If we begin regulating exposures on the basis of mere biological effect in the absence of evidence of harm, we will have to regulate exposures to just about everything.

We are obviously bombarded with RF from natural sources every day of our lives, so humans (and all living things) must have evolved some rather potent defense mechanisms to prevent any harmful effects from these exposures (at least in the frequency ranges where natural RF is strongest). What is more, we are exposed to natural RF 24 hours a day, every day of our lives, whereas an amateur station produces RF only when it is transmitting.

Does anyone have a source for estimating the amount of RF exposure from natural sources (for example in the 3-30 MHz range), in comparison to any reasonable estimate of exposure from an amateur station? I admit that this is just a guess, but I would be very surprised if even the most active amateur exposed anyone to total levels of RF that were more than a fraction of those to which we are exposed from natural sources.

Lee, KE3FB

1208. Re: 1,000,000 qsl cards thrown away per year

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: k2ph@dxis.monroe.pa.us
Message-ID: <DwB6ys.HJI@dxis.monroe.pa.us>
Source record: 218663
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <3215e62d.3888013@news.demon.co.uk>,
albert corker <bert@skypilot.demon.co.uk> wrote:
>the rsgb have 2,000,000 cards through per year but only 50% are
>collected. what a waste of trees by radio amateurs.
>what can be done to lessen this waste.

Stop QSLing? 8^{)

73,
Bob

--
+---+
| Bob Schreibmaier K2PH | E-mail: k2ph@dxis.monroe.pa.us |
| Kresgeville, PA 18333 | ICBM: 40o55'N 75o30' W |
+---+

1209. FOR SALE IBM PS/2 MODEL 30 GOOD FOR PACKET USE AND MORE

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: shaner@postoffice.ptd.net
Message-ID: <4v8899$q3m@news2.ptd.net>
Source record: 218664

FOR SALE IB, PS/2 MODEL 30 COMPLETE WITH HARD DRIVE, MONITOR, KEYBOARD,
AND MOUSE. HAS WINDOWS DOS AND SOME OTHER HAM RELATED PROGRAMS ON THE
HARD DRIVE. GREAT FOR A PACKET STATION. IN EXCELLENT COSMETIC AND
RUNNING CONDITION. I WANT TO GET RID OF IT BECAUSE I HAVE TOO MANY
AREADY! PLEASE MAKE ME AN OFFER BY EMAIL. I MUST GET RID OF IT
BECAUSE I DO NOT HAVE MUCH SPACE IN MY SHACK.

73,
N3WDM@PROLOG.NET

1210. MAKE MONEY

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: Matt Baraga <m.baraga@worldnet.att.net>
Message-ID: <3217820A.58A2@worldnet.att.net>
Source record: 218665

Here's the kicker.

Would you miss a penny. No!
So, do you think 30,000 other people from across the world would either,
Probably not.
What if you got 30,000 people to send you even a nickel.
You'd be happy when all of there letters arrived.

It's amazing how it adds up!!!!!!

Now let's talk Dollars and not nickels and dimes.
Follow the three steps below and you'll make thousands possible up to
50 thousand.

1. Write your name and address on 5 different pieces of paper with the
words "Share the wealth".
Fold a $1.00 bill in each of the pieces of paper and mail them to
the following five addresses.

Jason Todland 174 Los Olivos Ave. Daly City Ca 94014 (USA)
Tod Mcknight 255 Eastoak St Seattle WA 32588 (USA)
Jeci C0/ Traci Marks PO Box 19549 Cinti, OH 45219-0549 (USA)
Matt Baraga 111 White Ibis Ct. Daytona Beach FL 32119 (USA)
Robert Byrne 6229 Donna Circle Port Orange Fl 32127 (USA)

2. Now, remove the 1st name on the above list, there will only be four
left then. Now, add you name and
as the fifth one (last!!!!!!).

3. Post this amended list with this article or one close to it to at
least 200 news groups (there are thousands).

How the above works:

It's simple, If you receive just 5 responses, each with a $1.00 bill
enclosed, you make $5.00.
Now, each person that sent you $5.00 will also be doing the above, and
will post letters with your name
at number four on the list, thus as more people read their postings, and
repost.....your name will be
redistributed and distributed again.
Now, it obvious that your name will be bumped off the list, but by that
time thousands of people will have
received it, and they will be sending thousands of dollars.

Why should you do it ?:

All you could loose is five stamps, five dollars, and a little time posting to the internet.
As long as you are honest and actually send five dollars when you start the process will remain continuous.
Look: if you have a two bugs and those bugs are each worth $5,000 and if you fed them they would
multiply into 10 bugs, would you deny them food. No, and you know why.
So this process needs the food
of each initial investors five dollars (you won't miss it) don't break the cycle.
If you can't be honest, you deserve to at least loose out on all of your time and effort on the internet.
You broke the process.

Is it legal:

Yes, you get something in return for your money, A list of addresses.
(So its not a chain letter)

1211. Re: West Coast Blackout

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: Peter Coffee AC6EN <72631.113@CompuServe.COM>
Message-ID: <4v86kpeiv1@mhade.production.compuserve.com>
Source record: 218666

Well, I didn't make this up. My home is served by GTE in the 310 area code. My cellular phone is an L.A. Cellular account with a 213 number. I was unable to complete local calls on the GTE line, or to place calls on the cellular phone, during the ten minute period immediately after our power went out. After that, I was too busy running a local emergency net to continue checking the landline.

- Peter

1212. WA8IMO wants to know

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: Bob Sull <wa8imo@kellnet.com>
Message-ID: <3218035B.753F@kellnet.com>
Source record: 218667

Thanks to those that answered my mod question. Now I understand why new
radios get modded.

Since I have never needed to xmit out of band, and the last few dual
banders I bought have wide band receivers I was curious. Tnx agn.

Oh, I have flame retardent skin. Comes with being over fifty, licensed
since 1963 (thirty three years), somewhat overweight, and Polish.....
I grew up with flames! 8-) Hi hi
--
<> Bob Sull WA8IMO <>
"73, CUL, es keep the FUN in Ham radio."
>Life Member-ARRL QCWA< >Member-NODXA NCDXF< >DXCC WAS RCC < >8P9BC<
>QSL Mgr for 8P6JG<
>WA8IMO@NO8M.#NEOH.OH.USA<
>WA8IMO@KELLNET.COM<

Bob Sull
"Take only photographs, leave only footprints."
==========
WA8IMO@KELLNET.COM

1213. AMATEUR DATABASE

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: radiop@ix.netcom.com
Message-ID: <4v8apu$rhv@dfw-ixnews6.ix.netcom.com>
Source record: 218668

ALL AMATEURS,,
PLEASE SEND YOU E-MAIL ADDRESS WITH CALL SIGN TO--
radiop@ix.netcom.com to be included in the up coming world wide
amateur e-mail database.
73"s,,, mike n2ucm

1214. B&W BWD 1.8-30 ant. review?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: Tom C <tomc@tiac.net>
Message-ID: <3217EBF3.779A@tiac.net>
Source record: 218669

I wonder if anyone has used a B&W BWD 1.8-30 folded dipole on 160 meters. I'd be interested in your review of its performance. Tom/WA1NVS, e-mail: tomc@tiac.net

1215. Re: Your recommendation for an HT?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: Tim <timhynde@ix.netcom.com>
Message-ID: <3217DB1D.1154@ix.netcom.com>
Source record: 218670
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

> Burt Fisher <k1oik@ccsnet.com> wrote:
>
> >I want to buy an HT for 2m that has at least 20 memories,
> >covers the aircraft frequencies through 162 MHZ and is rugged
> >Suggestions?

Burt, I thought you hated ham radio, were sick of it, and was selling out??
Your actions don't seem to have any thing to do with your words. Are your postings real Burt? or just late night ramblings when you can't sleep?

1216. Re: Truckers on 14.3025

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: rik@nando.net
Message-ID: <rik-1808961558230001@news.nando.net>
Source record: 218671

>Henrik Rasmussen <rik@nando.net> wrote:
>>I agree, although I think another 500hz up from 14.300 wouldn't be too
>>much to ask. It may be the truckers and their buying power that ends up
>>saving ham radio.
>
>Hi Rik,
>What would these truckers be saving ham radio from?

There are only about 600,000 hams now I believe. Manu of them are old,
will not be around long. I don't see as much growth as I believe is needed
to insure sufficient use of the bands in the future. If we don't use them
we can lose them. Look at 220.

Our HF bands are not
>under attack and are as safe now as at any time in the past. We gained
>new bands during the last decade, and the government is considering giving
>us even more.

I agree. However, if the old farts on the bands keep acting like immature
cbers we may have a hard time defending our use if it ever comes under
attack. I am often embarressed to show a visitor what is going on on HF.

>You mention truckers' buying power. Are you implying that they'll keep
>the Big 3 radio makers in business?

Yes I am.

Not to worry, for if you look at
>the commercial line those 3 produce, you'll see their ham models appear
>very similar, and there is no indication their commerical sales are
>leveling off.

I have been in the commercial two-way business for thirty years. I can
tell you you are wrong here.

>Besides, if the amateur radio manufacturers stopped sales
>we'd have a resurgence in home building. And that would be *very* good
>for amateur radio.

It might be good but the bands would be quiet. We are a very small group
about to be thinned out by age. The gentlemanly, technical aspects are
being replaced by chaos and appliance operators. our vhf and uhf freqs are
coveted by many commercial concerns.

I hope you are right, but I fear the ham radio hobby is deteriorating like
many other aspects of our society.

>Jeff KH2PZ / KH6

I monitor 14.300 frequently. Maybe I'll run into you on the air some day.

Thanks for your comments.

73

Rik

--
Rik Rasmussen Raleigh NC USA
rik@nando.net http://www.webbuild.com/~rik/ amateur radio WA4BAN

1217. ICOM IC-T22A Airband?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: "Adrian C. Smith" <asmith00@earthlink.net>
Message-ID: <3217981E.37BD@earthlink.net>
Source record: 218672

I just purchased the IC-T22A handheld and I'm having no luck accessing the airband from 108-136. Is there a special trick not mentioned in the manual that I need to know? I bought the radio because they told me it will receive the airband and now I'm totally frustrated and they are not open today. Would appreciate anyone's help. Thanks
Adrian Smith

1218. 50MHz CD Rom

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: Geoff Brown <equinox@itl.net>
Message-ID: <3217A7B6.3EAB@itl.net>
Source record: 218673
Cross-posted to: uk.radio.amateur,rec.radio.amateur.misc

We are putting together a 50MHz CD Rom, this will contain the following:
Masses of audio clips from 1979 from all over the world.
Masses of pictures on antennas, operators, expeditions etc.
Filters, UKSMG Six News, Internet Six News, Beacons, Emails,etc.
At present we have 140megabyte of info and need more! (500 meg more!)
It will be a stand alone CD (no installation needed and will carry the
viewing software where appropriate)
If you have any pictures or audio clips then please send them via email
to us.
Tks de Geoff

1219. FS: MOTOROLA SPECTRA 900 TRUNKING RADIO

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: John Lee <aw688@lafn.org>
Message-ID: <32180AD1.3168@lafn.org>
Source record: 218674

FS: MOTOROLA SPECTRA 900 TRUNKING RADIO

MD# D37KGA5JB7CK $ 600 OBO

MD# D37KGA5JB5DK $ 550 OBO

1220. Re: 1,000,000 qsl cards thrown away per year

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: "Mike B." <mike@orack.demon.co.uk>
Message-ID: <9608181827.AA001hp@orack.demon.co.uk>
Source record: 218675
Cross-posted to: uk.radio.amateur,rec.radio.amateur.policy,rec.radio.amateur.misc

albert corker (bert@skypilot.demon.co.uk) wrote:
: the rsgb have 2,000,000 cards through per year but only 50% are
: collected. what a waste of trees by radio amateurs.
: what can be done to lessen this waste.:

Is that why the RSGB are at a standstill, spending all their time
counting uncollected cards?

In any event, a million cards is a mere microcosm compared with the number
of forests passing through most households in the form of junk mail and
hand bills.

How about a campaign to cut back on kitchen tissues, a real wood waster.

Mike.

1221. Re: FS: All Ham Bands, Reply to Republican Congress

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: anthonys@ix.netcom.com
Message-ID: <4v6h9m$6h6@dfw-ixnews9.ix.netcom.com>
Source record: 218676
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.amateur.policy

In <4v6ema$obg@nnrp1.news.primenet.com> n7ory@primenet.com (Rob Neff (N7ORY)) writes:
>
>T E I X E I R A <teixeira@ccnet.com> wrote:
>
>>J
>>>You must be a socialist?
>>>
>>>--
>>>CAPMan HF Propagation Prediction Software
>>>http://ourworld.compuserve.com/homepages/KU5S
>
>>I refuse to be put in to a package like Socialist. It seems that many people don't know the
>>difference between a Socailist and a Democrat. But I thank God I am not a Republican.
>
>
>There's a difference?
>

NOT much for _clear thinking_ people! Really, to get politics wrapped into these arguments is senseless. Yeh, some people will refuse and others will sometimes react violently ...what does it accomplish either way? Certainly, there is no persuasion by being bitter about one thing or another. All this does is ADD to one's stress.

1222. Re: MAKE MONEY - Then shoot yourself in the head for being so STUPID!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: Tim <timhynde@ix.netcom.com>
Message-ID: <3217DEC3.D96@ix.netcom.com>
Source record: 218677

Matt Baraga wrote:

> It's amazing how it adds up!!!!!!

Matt, you really got it goin on man....

1223. Re: Look for mac packet radio programm

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: rik@nando.net
Message-ID: <rik-1808961358490001@news.nando.net>
Source record: 218678

In article <Philippe.Ayer-1808960317200001@philayer.dial.mcnet.ch>,
Philippe.Ayer@mcnet.ch (Philippe Ayer) wrote:

>Hello
>
>I look for a paket radio programme for macintosh
>if you have one you can post it to me please (if possible)

Look in the comm folder at the Univ. of Mich. archives

Rik

--
Rik Rasmussen Raleigh NC USA
rik@nando.net http://www.webbuild.com/~rik/ amateur radio WA4BAN

1224. WA8IMO wants to know part 2

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: Bob Sull <wa8imo@kellnet.com>
Message-ID: <32180485.77AA@kellnet.com>
Source record: 218679

Just came back from my third Hamfest in a month in Northern Ohio,
NOARSfest in Wellington, Portage County Hamfair in Randolph, and The
Warren Hamfest, I have another question:

WHERE IS EVERYBODY? No dealers..... Half the usual crowd. My wife
even commented on the size of the crowds.

"WA8IMO wants to know!" 8-) Hi hi
--
<> Bob Sull WA8IMO <>
"73, CUL, es keep the FUN in Ham radio."
>Life Member-ARRL QCWA< >Member-NODXA NCDXF< >DXCC WAS RCC < >8P9BC<
>QSL Mgr for 8P6JG<
>WA8IMO@NO8M.#NEOH.OH.USA<
>WA8IMO@KELLNET.COM<

Bob Sull
"Take only photographs, leave only footprints."
==========
WA8IMO@KELLNET.COM

1225. Re: 1,000,000 qsl cards thrown away per year

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: Lawrence <lawrence@itl.net>
Message-ID: <32173FA1.6D7B@itl.net>
Source record: 218680
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

albert corker wrote:
>
> the rsgb have 2,000,000 cards through per year but only 50% are
> collected. what a waste of trees by radio amateurs.
> what can be done to lessen this waste.

The QSL card is the ultimate junk mail to many of us. Only a few people bother to ask me if I will reply to their cards. A couple of years ago a PY told me, at the end of the QSO, that he would send me a card via the bureau. I told him that I do not collect, or reply to, QSLs and that I did not have any envelopes with the bureau. He then said that as he had written it he would send it anyway!

Perhaps the time has come to abandon certificates such as DXCC.

73, Lawrence GJ3RAX

1226. Los Angeles area radio clubs???

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: ag001@lafn.org
Message-ID: <1996Aug18.015814.6098@lafn.org>
Source record: 218681

I'm looking to join an L.A. area radio club, specially one which
offers its members area code 213 autopatch facilities on 2-meters.
Any ideas?

Any info much appreciated.
KE6OCM
--

1227. Standard GX 2341S Radio Mods.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: a5q6c2ws@abaco.coastalnet.com
Message-ID: <4vaj15$2mp@treasure.coastalnet.com>
Source record: 218682

Does anyone know the MODS. on this radio?
If you do please e-mail me and let me know how it is done.
Thanks.

a5q6c2ws@abaco.coastalnet.com

Mel

1228. FS:NEW YAESU BATTERYS & SPEAKER MIC

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: John Lee <aw688@lafn.org>
Message-ID: <32180A56.616F@lafn.org>
Source record: 218683

FS:NEW YAESU BATTERYS & SPEAKER MIC

FNB-31 $ 40 +SHIP
FNB-38 $ 50 +SHIP
FNB-40 $ 35 +SHIP
FNB-41 $ 40 +SHIP

NEW YAESU SPEAKER MIC

MH-12 $ 20 + SHIP
MH-32 $ 20 + SHIP

1229. Used FM Broadcast Equipment

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: Rick Whiting <rwhiting@winternet.com>
Message-ID: <321773A2.44B@winternet.com>
Source record: 218684

I am looking for potential donors or low-cost sources for FM broadcast equipment, e.g., used equipment which may require renovation or upgrading.

A recent change in the law on communications in Cameroon allows citizens to own and run private radio stations. Prior to this law, radio stations were all owned and run by the state, hence limiting freedom of expression. The enactment of this law has come as a welcome relief to many Cameroonians who have long wished to go on the air. Due to the high cost of FM broadcast equipment, assistance is needed to help make this dream come true.

I am seeking information on potential sources of donated or low-cost FM broadcast equipment as a volunteer consultant to Volunteers In Technical Assistance, Inc., (VITA) a well known non-profit non-governmental development organization headquartered in Arlington, VA.

A group in Cameroon has requested VITA to assist them in contacting US sources of used FM broadcast equipment who might be interested in helping communications in the third world. Since I have no knowledge of the market for used FM broadcast transmitters and related equipment I need help in identifying potential sources. Your help in pointing me in the right direction will be sincerely appreciated. Please reply by e-mail to rwhiting@winternet.com. TIA.
--

Richard A. (Rick) Whiting Phone: + 1 612 550 1213
5780 Rosewood Ln. N. E-mail: rwhiting@winternet.com
Plymouth, MN 55442-1411 Packet: W0TN @ WB0GDB.MN.USA.NOAM
INDEPENDENT PROFESSIONAL CONSULTANT - TELECOMMUNICATIONS & WIRELESS

1230. Ohio/Penn DX Bulletin #267

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: kb8nw@barf80.nshore.org
Message-ID: <$opdx.267.1996@ampr.org>
Source record: 218685
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.radio.amateur.dx

SB DX @ WW $OPDX.267
Ohio/Penn DX Bulletin No. 267

The Ohio/Penn Dx PacketCluster
DX Bulletin No. 267
BID: $OPDX.267
August 19, 1996
Editor Tedd Mirgliotta, KB8NW
Provided by BARF-80 BBS Cleveland, Ohio
Online at 216-237-8208 14400/9600/2400/1200/300 8/N/1

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, K4CEF, W5IJU & Island News, WB6VGI, NL7TB, DF4RD, DL9GOA & the DX News Letter, F6AJA, G4BUE & the DX News Sheet, JA1IDY, LU1DZ, ON6JG and W. M. Loeschman following DX information.

3V, TUNISIA. The DXNS reports that Eddie, W6/G0AZT, will be active October 9-13th, from 3V8BB. Operations will be mostly RTTY 80-10 meters low power. QSL direct only.

5R, MADAGASCAR. This is just a reminder! Look for Jean Michel, F6AJA, who is visiting Gerard's, 5R8EN, QTH and will be active from August 18th to September 8th. Both will probably be active from Nosy Be (IOTA AF-057) starting August 20th (or 21st) to August 24th as 5R8EN/P. Operations will be on SSB and CW. Jean Michel has taken some RTTY equipment with him for Gerard and perhaps after Nosy Be they will be on the air with RTTY.

7P, LESOTHO. Martin, G4FUI, is active as 7P8/G4FUI on CW/SSB. He will be there until the beginning of December. QSL via homecall.

CY0, SABLE ISLAND. If you missed the CY0AA operation you will have another chance in October. Murry, WA4DAN, plans to be active as WA4DAN/CY0 October 22-29th, which includes the CQWW SSB Contest. There will be other members of the team which include Ken/V73C/AH9C, Bob/KW2P, Atsi/VK2BEX and Ron/AA4VK.

J8, St. VINCENT. Buzz, N5FTR, will be active from September 2-7th. Buzz is going to request a J8 call but may have to sign J8/N5FTR. Operation will be mainly on SSB, but CW gear will be taken. Those wishing for a CW contact will have to be patient as Buzz is "relearning" the code. Operation will be with 100 watts to a Sommer vertical antenna from a beachfront hotel. QSL via Buzz's home call address in any call book.

KG4, GUANTANAMO BAY. Larry, WB6VGI, will once again be active from KG4 land for a 2 week period starting on the 10th of September. Look for KG4ML on the WARC bands (primary bands) and others as requested. Most of the Guantanamo ops use the other bands so the KG4 card isn't as hard to get on these. QSL via WB6VGI CBA.

KH4, MIDWAY ISLAND. By the time you read this, the big AH0W/KH4 operation should have started ands run through the 25th. QSL via KE7LZ. For more details read OPDX.263 and OPDX.265.

LU6Z QSLS ARE IN THE MAIL! Alberto, LU1DZ, reports to OPDX that the QSLs for the LU6Z South Orkney Island DX operation by a CW group from Argentina are in the mail and/or the bureau since 3 weeks ago.

SU, EGYPT. An Egyptian DX net called SU DX Net meets Fridays and Saturdays at 1500z on 14220 kHz. Operators who are usually present included SU1ER, SU1SK, SU1GS and SU3AM.

SV8, IONIAN ISLAND (Greece). SV1DPL and SV1CID plan to be active from this island (EU-052) and several other Greek islands until the end of the month. Activity will be on 160-10 meters. QSL via SV1CID.

SV9, CRETE. Island News reports that Ivan, IK7VEK, will be active August 21-29th, as SV9/IK7VEH. Activity will be maninly SSB. QSL to CBA.

TT, CHAD. TT8SP has been very active over the past few weeks. His activity includes operations on the WARC bands and mainly on CW. Check 18070 kHz around 1630z, 10102 kHz around 2330z and 20 meters (between 14003 and 14019) after 2000z. He has also been heard on 3500 kHz around 0430z. QSL via F5OIJ.

USI (United States Island Award Program) NEWS/ALERT. The North Shore Radio Club (IL) will be activating several Illinois islands on Saturday, August 24th, starting around 1500z and ending around 2000z. Watch for N9LUR, N9CHQ and KF9YL (Fred, Mike and Fred). QSL w/SASE to KF9YL. Only 3 Illinois islands have been activated to date. Stop by on 14260 kHz to help the guys qualify the new islands.
Meanwhile the following stations will be active in the upcoming 2nd Annual W/VE Island Contest (September 14-15th). Details on this contest will be forthcoming in a future OPDXB.

Jim, KA3UNQ, will "rover" from RI-03S, RI-05S, RI-06S, RI-07S (all NA-031), MA-03S, MA-22R and MA-23R.

John/NL7TB and gang will "rover" from WA-063R through WA-066R.

VK0, MACQUARIE ISLAND. It has been reported that Warren, VK0WH, had apparently agreed to show up on 40 meters on 7189 kHz between 0400 and 0830z on Wednesday. Jim Smith, VK9NS, reportedly "EMCEED" the list operations, and comments from him seem to indicate that they may do it again, but he does not know when. Also, Jim mentioned that Warren had been on 160 meters but not 80 to date. Apparently, Warren has been experimenting with new or repaired antennas, and he has been successful.

OPDX will try to keep you updated.

WEBSITES FOR DXERS/CONTEST....
A monthly updated Picture DX Bulletin has been prepared by ON4VT;
it can be found at: http://www.club.innet.be/~pub02749/sstv01.htm

This site will provide mileage and bearing between major world
cities. It will also paint a map showing the two choices.
It is at URL: http://www.indo.com/distance/

XW, LAOS. The DXNL reports: "Andreas, DK9LM, states that the officials
in Laos have several licence applications from DL, UA, JA and PA
operators. Due to the high number of applications Andreas hopes to receive
a positive answer from Vientiane in the near future".

XY, MYANMAR. Reports from Asia indicate that Kan, JA1BK, and Martti,
OH2BH, will be leaving for Yangon (XZ) on the 23rd of August. They
will be joined by Warren, KF7AY. It's not certain if they will be
on the air or not in Yangon, but it does not hurt to listen and look
for them.

-=-
IS THE TIME RIGHT? Over the past few years, several members of the
Northern Ohio DX Association (NODXA) have talked and thought about having
a DX Convention in Cleveland. Now that the International DX Convention
is no longer being held a week before the Dayton HamVention at Visalia,
should NODXA take the step in having the first annual "North Coast DX
Convention/EXPO"? Messages read on InterNet from the DX Community seem
to indicate they want something the weekend before Dayton. Just think
of it, a DX Convention and Dayton Hamvention within a week and a three
and one half hour drive between the two. Cleveland could easily fill
the days between the DX Convention and HamVention with visits to the
Rock-Roll Hall of Fame, Science Museum, Art Museum, Natural History
Museum, Auto Museum, the Cleveland's MetroParks Rain Forest/Zoo and
much more. Maybe Cleveland is ready to have its first DX Convention.
NODXA would like to poll the DX Community on their views and thoughts
of this possible event. We would ask that you answer the following
questions below. Answers can be sent via E-mail to:
ncdxc_expo@barf80.nshore.org

1. Would you attend the convention in Cleveland if it was held the
weekend before the Dayton HamVention (or possibly the weekend
after so as not to conflict with "Mother's Day)?

2. Where will you be traveling from to attend the convention?

3. What type of forums would you attend (technical, DXpeditions, etc.)?

OPTIONAL
4. Would you/group/organization be interested in conducting a forum?

5. Would you/group/organization be interested in helping to sponsor
the convention?

6. Any other comments/input you may have.

Your answers are very important to help us make our decision. Also,
time is an important fact to get the ball rolling on this event.
NODXA thanks you for your input..... 73 de Tedd KB8NW (President of NODXA)

-=-
OPDX INTERNET SUBSCRIBE/UNSUBSCRIBE REQUEST: opdx-request@nshore.org
OPDX WORLD-WIDE WEB HOME (provided by John, K8YSE):
http://www.en.com/users/k8yse/opdx.html
-=-
Excerpts and distribution of The OPDX Bulletin are granted as long as
KB8NW/OPDX/BARF80 receive credit. To contribute DX info, call BARF-80 BBS
online at 216-237-8208 14400/9600/2400/1200/300 and leave a message with
the Sysop or send InterNet Mail to one of the two following addresses:
kb8nw@barf80.nshore.org -or- aq474@cleveland.freenet.edu
- OR - Send a message via packet to KB8NW @ WA8BXN.OH.USA.NA
- OR - Use the VOICE or FAX answering machine at 216-237-8208 which
shares the same phone line as BARF-80 BBS using a data/fax/phone switch.
To access: 1) Dial Number. 2) Wait for first ring (the second ring should
be a false ring from the fax/data switch box) and then dial four quick
ones ("1111"). (NOTE: Some FAX machines that send single "BEEPS" every
second will not have to do this step.) 3) The phone will pick up and
after the "BEEP" leave your voice message or FAX.

/EXIT

Tedd Mirgliotta KB8NW
InterNet: kb8nw@barf80.nshore.org
Basic Amateur Radio Frequency BBS (BARF-80) +1 216/237-8208
"Totally devoted to Amateur Radio" - 24 Hrs a day 8/N/1 14.4k-300 baud

1231. Re: TH-22AT Mods needed

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4v781d$j6@lehi.kuentos.guam.net>
Source record: 218686

decorate@ix.netcom.com(Alex E.R. Leman) wrote:

>Looking for out of band TX and RX mods for Kenwood Th-22AT

>Thanks,

>Alex Leman

>lprieta@cruzio.com

Cut diode D16 on the main board.

1232. IPS Daily Report - 18 August 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <4v8851$76v@flare.syd.ips.oz.au>
Source record: 218687
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 18/2330Z AUGUST 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 18 AUGUST AND FORECAST FOR 19 AUGUST - 21 AUGUST

1A. SOLAR SUMMARY
Activity: Very low.

Flares: None.

Observed 10.7 cm flux/Equivalent Sunspot Number : 67/0

GOES satellite data for 17 Aug
Daily Proton Fluence >1 MeV: 6.7E+05
Daily Proton Fluence >10 MeV: 1.8E+04
Daily Electron Fluence >2 MeV: 3.0E+07
X-ray background: A1.0
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
19 Aug 20 Aug 21 Aug
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 19 Aug: 66/0

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Quiet

Estimated Indices : A K Observed A Index 17 Aug
Learmonth 5 2222 1211
Fredericksburg 6 13
Planetary 6 11

Observed Kp for 17 Aug: 4333 3222

2B. MAGNETIC FORECAST
Date Ap Conditions
19 Aug 6 Quiet to unsettled
20 Aug 6 Quiet to unsettled
21 Aug 5 Quiet

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band

Date Low Middle High
18 Aug Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
19 Aug Normal Normal Normal
20 Aug Normal Normal Normal
21 Aug Normal Normal Normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
18 Aug 7

Observed Australian Regional MUFs:
Near predicted monthly values observed at Darwin, Townsville
and Hobart, with some spread F observed during local night
at Darwin and Hobart.
Sydney: Enhanced 15 - 30% during the period 09 - 20 UT,
otherwise near predicted monthly values.

Predicted Monthly T index for August: 10

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
19 Aug 10 near predicted monthly values
20 Aug 10 near predicted monthly values
21 Aug 10 near predicted monthly values

--
IPS Radio and Space Services | email: rwc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/rwc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/rwc/
tel: +61 2 94148300 | fax: +61 2 94148331

1233. Re: Ten Tec, Advice

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug18.135520.14807@ke4zv.atl.ga.us>
Source record: 218688

In article <3214CCAD.F55@mci.com> Bob Snyder <Bob.Snyder@mci.com> writes:
>
>Well, I just received my call sign and am looking at building a
>radio. One of the kits I've seen is by Ten Tec. Does anyone
>have any experience with this company? I would like to hear you
>opinions, good and bad.

TenTec is a good company. They've been around a long time and have
a good reputation in the amateur community, particularly for after
sale service. They've primarily made factory assembled HF gear. The
kit business is a fairly new direction for them. It appears that
they want to do it right. The release of this kit was delayed almost
a year to make sure that it met their high standards.

>The kits may not have all of the features on it, but I would
>like to build a radio. The 2 meter kit for example doesn't have
>DTMF on it, but I should be able to add it on.

TenTec offers the *only* 2m transceiver kit worth considering. It
is, as you note, not feature packed, but what it does, it does
adequately. It *is* rather bare bones, however, and you certainly
can buy more radio for less money by shopping the used market or
taking up the challenge of converting surplus commercial two-way
equipment to the amateur service. The latter are also rather
featureless, but they're also bulletproof performers in high
Rf environments. Most amateur gear, including the TenTec kit,
is not. It costs too much money, space, and power to do that
right, and amateurs wouldn't pay for it. But when you can get
it for pennies on the dollar surplus, it's a great way to get
a high performance radio.

A *good* kit won't teach you much about radios, except how to
recognize parts and how to solder. A *bad* kit is much more
educational since you have to figure out how to fix what's
wrong with it. But that's not what you want when starting out.
So stay away from Ramsey and stick to TenTec, they're the closest
thing to Heathkit we have left. Later you may want to try your
hand at a bad kit. It'll teach you a lot about how *not* to
design a radio. (There are millions of ways to do it wrong,
but only a few ways to do it right. You need to experience
some of the wrong ways so you'll appreciate just how difficult
it is to get it right.)

If this is your first kit building experience, take it slow.
Read everything over several times before heating up the
soldering iron or clipping leads. Study the diagrams and

try to figure out how each circuit is supposed to work. If you are unsure of any step, stop, think, and if necessary ask someone more experienced. This isn't a race, it doesn't matter how quickly you get done. If you're careful, the finished radio should look like it was factory assembled, and work just as well too.

Approach this as a craft project. Make it something you'll be proud to show off to others, and not a horrid kludge that'll make you want to weld the covers on so others won't see your work. Read the construction practices chapters in the ARRL and RSGB handbooks a dozen times, look under the covers of factory equipment, be neat and economical in your work. Take the time to do it right so you won't have to do it over.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1234. Re: CORRECTION - FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: ke4zv@radio.org
Message-ID: <NEWTNews.840399139.3003.ke4zv@ke4zv.radio.org>
Source record: 218689
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

In Article<1996Aug17.151315.10257@ke4zv.atl.ga.us>, <gary@ke4zv.atl.ga.us>
writes:

> For example, the Rrad of a dipole is roughly 50 ohms (would be 73 ohms
> in free space). At 100 watts, that gives a feedpoint current of 1.414
> amperes. The magnetic field declines inversely with distance in the
> near field (not the inverse square as is the case for power). So 1.414/0.163
> = 8.67 meters. That's the near field safe distance from the current node
> in the antenna for the controlled magnetic field exposure. For the
> uncontrolled exposure, the minimum safe distance is 19.8 meters. Similarly,
> for the electric field, the safe distances are the same, but from the
> antenna voltage nodes (the ends for a dipole) instead of the feedpoint.

I made an error here. I forgot to include the factor of 2*pi in the
above figures. That reduces the safe distance for controlled exposure
to just 1.38 meters, and for uncontrolled exposures to 3.15 meters.
That's much better.

Gary

1235. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug18.170829.16313@ke4zv.atl.ga.us>
Source record: 218690
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.antenna

In article <4uvhre$4m6@nnrp1.news.primenet.com> n7ory@primenet.com (Rob Neff) writes:
>Gary Sanders <gsanders@midwest.net> wrote:
>>Cancer isn't any fun.
[snip]
>Perhaps the use of an HT helped keep the cancer cells at lower level
>than they would have been without it?
>
>Just a thought.

More like "just wishful thinking" I'm afraid. If this were true,
the results of the Milham study would have gone the opposite way.

Gary

--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1236. Look for mac packet radio programm

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: Philippe.Ayer@mcnet.ch
Message-ID: <Philippe.Ayer-1808960317200001@philayer.dial.mcnet.ch>
Source record: 218746

Hello

I look for a paket radio programme for macintosh
if you have one you can post it to me please (if possible)

Thank your very much

My E-mail Philippe.Ayer@mcnet.ch

1237. TH-22AT Mods needed

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: decorate@ix.netcom.com
Message-ID: <4v6juh$cj8@sjx-ixn6.ix.netcom.com>
Source record: 218747

Looking for out of band TX and RX mods for Kenwood Th-22AT

Thanks,

Alex Leman

lprieta@cruzio.com

1238. Re: 1,000,000 qsl cards thrown away per year

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: joe@vantage.demon.co.uk
Message-ID: <840364938.2957.0@vantage.demon.co.uk>
Source record: 218748
Cross-posted to: uk.radio.amateur,rec.radio.amateur.policy,rec.radio.amateur.misc

bert@skypilot.demon.co.uk (albert corker) wrote:

>the rsgb have 2,000,000 cards through per year but only 50% are
>collected. what a waste of trees by radio amateurs.
>what can be done to lessen this waste.

Err..... stop sending them? <g>

Seriously though, in this day of electronic signatures and
verification systems, why not institute Net-QSL cards? If we can use
our credit cards over the Net (well, we will soon, with total safety)
then getting QSL cards across the Net should be a doddle for amateurs
with teh technology to get on line.

Methinks a winter projects....

Joe, G0RNC.
There's only one decision to make;
get busy living or get busy dying.

Andy Dufresne, The Shawshank redemption.

1239. Re: Its OK to order pizza on 2m autopatch

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: wermusic@initco.net
Message-ID: <4v713i$gbu@mercury.initco.net>
Source record: 218749

"Bill Turner, WB4ALM" <wb4alm@gte.net> wrote:

>>
>> How do these young pups pass the license exams if they don't read the
>> rule book?
>>
>> Jeff KH2PZ

>memorize the answers?
On Wed, 14 Aug 1996 23:47:50 -0700, you wrote:

>but wait. i'm 55 ,am i a young
>pup??????

Steve:

73 from the Big Sky Country of Montana !
My pet peeve is A** holes that leave SMART A** comments without
answering a VALID QUESTION.

Rulings have been relaxed to allow CERTAIN types of communications
that result in DIRECT FINANCIAL COMPENSATION for one of the parties of
that communication. It USED to be that even a call to a TOW TRUCK
would have been questionable, since ONE of you was gaining monitarily.
HOWEVER a year or so ago FCC rules were changed to ALLOW this type of
communications. SO **YES** by STRICT LITERAL interpration of the
LETTER of the LAW, you could order a PIZZA - - however MOST repeater
custodians STILL **request** you NOT do so. .(at least the ones
around here) Since this individual or group had PAID $$ for the
equipment / maintainence, I really would suggest that you NOT tick
off the owner ot the repeater.... just to prove a point... but if that
is your inclination, it is within your right. It is my policy to
listen to (NEW) repeaters a while and get a "FEEL" for what is allowed
and what is not.... I guess the question in my mind is TWO FOLD: ? ? ?
WHY would you want to order a pizza or whatever from your two meter?
Even up here in the "STICKS" **CELL PHONES** are only $25/month, and
you wouldn't have to put up with 100 other people listening to your
order and then commenting "GEE, you buying for me too? - - Hey since
you gave your address over the air - we'll just drive over to share
your Pizza - - or if they dislike you perhaps vandalism / injury - -

Use the handheld for EMERGENCY / HOBBY I would be willing to wager
that 99 percent of amateurs that are using their handhelds to conduct
comerce, have access to a regular telephone network, even if they have
to pull over to the nearest curb and phone booth.

We have a gentleman that OWNS a business (real estate) and he would constantly check his CELL PHONE VOICE MAIL using his amateur radio handheld and the autopatch . . . . ?? WHY ?? Finally he was requested to cease by the owner of the (ham) repeater and he did - but the other gentleman around here that owns a painting business STILL blatently checks for availability of his paint mix order over his 2 meter handheld.

Guess the final statement to you would be to MONITOR the repeater and adopt the policy - - when in ROME . . . !

73
DE - N7NBB - CAMERON
wermusic@initco.net

"Marvel as each day flows
Swiftly through our lives;
As we travel through time,
Music makes us whole"
(by)
Franz Douskey

1240. Re: FCC Antenna Doc on WWW

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: djfinn@ibm.net
Message-ID: <4v5rph$3qnq@news-s01.ny.us.ibm.net>
Source record: 218750
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwaverec.radio.amateur.misc

AC6V <AC6V@ix.netcom.com> wrote:

>Hi Rich, all 30 pages of the FCC text are to be found at URL:

>http://www.fcc.gov/Bureaus/Cable/Orders/fcc96328.txt

Thanks for the pointer. The regulation looks fairly ironclad to me. HOA's must allow TV antennas and 1m dishes. I think I will mail a copy of this to my HOA and get rid of the old cable monopoly I have been dealing with. At $30.00/mo., a TV antennas with mast and rotor will pay off very quickly!

>Lets all hope they extend this ruling to the Amateur Radio Service.

The legislation was driven by the type of economics thar we amateurs cannot muster. Also, with fewer people using cable, there could actually be more objections to amateur transmissions in these living quarters built in such close proximity. However, TVI and other interference concerns cannot be extected to improve when a law is issued giving free reign to most types of telecommunications. You can argue for a long time that you use your tribander antenna for TV reception (perhaps not the best reception) on the same antenna that you happen to transmit with. That's *if* anyone notices a difference between a TV antenna and a tribander (say a 10/15/20).
Anyways, it's something to try I guess ;)

>Good Luck with the HOA -- mine is hopeless.

I think after reading the regulation that your >HOA< is out of luck. You would have to have special circumstances affecting 'safety' (this would normally apply to tower hieght with respect to the closest adjacent residence, or possible zoning regulations for wind strength in some areas) or you would have to be in a historic district.

If your HOA does not believe the new regulation, or cannot undertsand it, it seems that you do not have to pay any penalties even if they 'fine' you. Like I say, it looks fairly ironclad but then again I am not a lawyer. I still think anyone having to live with one of these stupid antenna restrictions would be fairly safe going ahead and putting up a TV antenna...not much to lose, and a rather clear federal pre-emption to back you up.

73

KR4AJ

1241. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <3217009C.79E7@juno.com>
Source record: 218751

tim phillips wrote:

> I have learned a lot from this part of the news group.What I've learned
> is to mark all Bert's postings without reading them!!!!!!

So typical ham. Hear no evil see no evil

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#================#===#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#===#

1242. Re: West Coast Blackout

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-18 00:00:00 UTC
From: jaminge@pb2esac.esac.pacbell.com
Message-ID: <4v5opv$1bl@gw.PacBell.COM>
Source record: 218752

In article <4v5dec$71t@dfw-ixnews7.ix.netcom.com>,
anthonys@ix.netcom.com(Anthony Severdia) wrote:

> The only reason I jumped in to fray was to relate my personal
> experience with PacBell in S.F. ... the fact that PacBell held
> up with exemplary fashion. The charge of telco failures was
> failures was uncalled for as I saw it.

Thank you for that.

> Would you mind telling us how long initial 48V battery backup
> can run and when do deisel generators kick-in?

> I think this would "clear a lot of cobwebs" about how telco
> systems provide such reliable service.

Tony, I don't personally have the real answer to that question.
Personal anecdotes, though useful to illustrate a point, tend to
be the horror stories of when things didn't go as planned.

** Once again I am NOT speaking for my employer, Pacific Bell. **
This is just my personal opinion. Not only that, but I'm using
Pacific Bell's e-mail system to post this. -- (kinda awkward)

Central office power is not my area of expertise, I work in Electronic
Switching equipment. Even if it were, I would have to defer to the
official public information types. Getting my foot in my mouth IS
sometimes my area of expertise.

Back to your question: From personal observation, I'd say it's a case by
case decision - when an office switches its load over to an emergency
generator. As with a car battery, it can do damage to allow batteries to
become discharged to a very low voltage. Regular routines test the
ability of backup systems to function. Again, as in a car, an
engine that hasn't been used for a long time can let you down.

It's always a big no-no to discuss, in a public forum, any SPECIFIC
weaknesses or critical components of something as important to us all
as the telephone system. If some wacko wants to attack it, we don't
want to help him figure out just how to do it.

In general terms, reliability is provided in many different ways.
Routine testing and maintenance, as noted above, has always been done.
Various methods of duplication are used. Imagine operating a computer
that can't be allowed to stop, ever. How would you update it and put
new software on line? How do you train new people to work on it, but
not have them "crash" it in the learning process? Suppose it "hiccups"

when you're not there to see it. How do you install an entire new state-of-the art switching system and switch thousands of phones over to it without interrupting service? We do this stuff every day. Technology makes it possible - but people make it happen.

73 de John, AC6VV

---------- (This one needs the disclaimer) ----------
Statements above are poster's own responsibility
and do not represent policies or opinions of Pacific Bell.

1243. Re: SHORTWAVE RADIO IN SCHOOLS

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: gsparks@ix.netcom.com
Message-ID: <4va015$cvq@sjx-ixn6.ix.netcom.com>
Source record: 218604

I don't know of any shortwave used in the schools here in Houston, Tx. The last few years I have been involved in the AFS - Foreign Exchange student program. The teachers and sponsors of these kids were just amazed that I could pick up most of their home counties on my radios. I was shocked at their lack of knowledge about radio and internation broadcasts. I like you feel there is a tremendous potential in getting students to use this almost free resource. The few that did know of shortwave thought the equipment was very expensive. I purchased a little portable from Radio Shack for $100 for the student from Paraguay who was living here, and she listened to home most evenings for the news. She also took it to friends so they could listen to the news from home, she became very popular with the other exchange students.

Hopefully some of the sponsors and teachers will get radio's of their own. I did all of my geography reports and sociology reports by using radio broadcasts and writing the stations for more information. Of course then I kept my sources secret from the other kids.

In <4v1gvq$gaj@panix2.panix.com> mooney@panix.com (Michael Mooney) writes:
>
>
>How and where is shortwave radio being used in primary and secondary
>schools? I understand it is seen as an active, "here and now" tool in

>increasing the student's grasp of world events, etc.
>
>I'd like to contact educational types who are active in this laudable
>endeavor. Any clues? Thanks.
>
>
>--
>Michael J. Mooney | Internet:
>140-10 Franklin Avenue (B44) | mooney@panix.com
>Flushing, New York 11355-2657, USA | 70372.2454@compuserve.com
>Fax: (718) 886-0253 | Compuserve: 70372,2454

1244. Re: B&W BWD 1.8-30 ant. review?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: Robert <rcollins@edcen.ehhs.cmich.edu>
Message-ID: <4v9qes$9l0@ramp2.tir.com>
Source record: 218605

Hello there,

I have used the B&W 3.5-30 for several years. This is the earlier version of the model that you stated. It is a folded dipole. The antenna works great and I have made several thousand contacts with it. The SWR is fine throughout the bands, without and problems.

It is not as efficient as a dipole for every band, but does show gain on the higher freqs, and loss on the lower freqs compared to dipoles. However, if you want one antenna that can cover everything with not problems, this is it.

The military uses these for many applications, especially for Special Ops in remote base camps.

rob n4yhd

1245. Re: License required for CB radio repair

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: Stan Vandiver <kd9be@pla-net.net>
Message-ID: <3218B15E.365F@pla-net.net>
Source record: 218606

:WB3U wrote:
:>
:> skerns@mail.talon.net (Steven Kerns) wrote:
:>
:> >The only transmitters that still requires
:> >a licensed technician is equipment mounted upon a sea going vessel.
:>
:> Last I heard, the license was also still required for avionics work.
:> Yes? No?
:>
:> 73,
:> Jack WB3U

Yep... you're right Jack. The GROL is the ticket for aviation and marine repair.
GMDSS (satellite) further requires the GMDSS Maintainer endorsement to repair.
--

Best regards, Stan
ax.25: KD9BE @ KD9BE.#NWIN.IN
www: kd9be@pla-net.net/~kd9be/

1246. Re: License required for CB radio repair

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: Curtis Wheeler <cwheeler@ccnet.com>
Message-ID: <4va8mh$3kl@gaudi.lahabra.chevron.com>
Source record: 218607

skerns@mail.talon.net (Steven Kerns) wrote:

[edited]

>>Im confused, I was under the assumtion that ANY transmitting device
>>above a few milliwatts (not sure of the level) would require at least
>>General Radiotelephone cert. in order to do any TX adjustment. Anyone
>>else?

>At one time a license was require but I guess the goverment
>decided that the cost of licensing and enforcement was
>not worth it. Now anybody can work any transmitter they wish,
>the owner of the transmitter is liable for their equipment if
>it causes interference. The only transmitters that still requires
>a licensed technician is equipment mounted upon a sea going vessel.

... and aircraft stations.

Curtis
KD6ELA / GROL / PP-ASEL

1247. Re: Generators -- Any thoughts?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: esp@epix.net
Message-ID: <NEWTNews.840487774.12899.esp@epix.net>
Source record: 218608

In Article<4v2k74$jqc@nadine.teleport.com>, <w7el@teleport.com> writes:
> Path:
news2.epix.net!news.sprintlink.net!news-dc-2.sprintlink.net!newsreader.sprintli
nk.net!news.sprintlink.net!news-ana-7.sprintlink.net!news.pcnet.com!fnord.dfw.n
et!newsfeed.internetmci.com!in2.uu.net!spool.mu.edu!usenet.eel.ufl.edu!psgrain!
nntp.teleport.com!ip-pdx01-01
> From: w7el@teleport.com (Roy Lewallen)
> Newsgroups: rec.radio.amateur.misc
> Subject: Re: Generators -- Any thoughts?
> Date: Fri, 16 Aug 96 20:04:59 GMT
> Organization: EZNEC Antenna Software
> Lines: 18
> Message-ID: <4v2k74$jqc@nadine.teleport.com>
> References: <4v0uvs$be3@opal.CyberGate.COM>
> NNTP-Posting-Host: ip-pdx01-01.teleport.com
> X-Newsreader: News Xpress Version 1.0 Beta #3
>
>
>
> Roy Lewallen, W7EL
I wonder if you let the freezer sit idle before you started to try the
generator. The don't like to start under compression, and need to have the
refrigerant de-compress before restarting.

There is a 30kw generator for sale near here. It is designed to be run from
the power take off shaft of a farm tractor. Mounted on a small two wheel
trailer. About the size of a large lawnmower.

to many $$ at 1650 for me.

73 - John aa2gv

1248. Re:pizza,autopatch,etc.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: Curtis Wheeler <cwheeler@ccnet.com>
Message-ID: <4va9kf$3kl@gaudi.lahabra.chevron.com>
Source record: 218609

steve <kd6fyk@wco.com> wrote:
>i see an accident on the way to work,i call it in on autopatch,i wait
>for cops and ambulance,help injured people,CALL WORK to say i will be
>late,give info to cops.ok?

Well...technically no. Unfortunately it still isn't OK. But if I were a control op on a machine that had a patch available I might ignore such a violation. That would be wrong on my part but in THIS example I'd take the heat if any were dished out.

Such a call would still only be in your own and your employer's pecuinary interest. It would not be an emergency communication.

Curtis
KD6ELA / GROL / PP-ASEL

1249. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: n7ory@primenet.com
Message-ID: <4vab2t$22j@nnrp1.news.primenet.com>
Source record: 218610
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

n7ory@primenet.com (Rob Neff) wrote:

I mean wrists. (GRIN)

Rob Neff (N7ORY)

1250. Need manual for Heathkit Sixer

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: lespaul@nwlink.com
Message-ID: <4vaaj1$dld@texas.nwlink.com>
Source record: 218611
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap,rec.radio.amateur.misc

Maybe someone out there can help me out.

I have a Heathkit Sixer (bought in 1974
used) that I would like to try to get
going again just for nostalgia.

Does anyone have a manual I could purchase
for a reasonable price?

Or is there any point? Does a low power
6-meter AM rig have any place on the band
these days? Any input on that would be nice
too.

Thanks alot to anyone who can help.

Dave Ellison WB7AWK
zommbee@nwlink.com or
lespaul@nwlink.com

1251. RF exposure/balanced line/inverted vee

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: pklein@news.seattleu.edu
Message-ID: <4vaf02$6ab@handel.seattleu.edu>
Source record: 218612
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

The ARRL RF Safety guidelines mention that we should avoid using open wire line to minimize RF exposure.

For years, I have been using 300 ohm outdoor twin lead to feed various inverted vees. I used ladder line at first, but it tends to break. From what I've read, 300 ohm tends to confine the radiation to between the conductors rather than creating a field around them.

Am I correct that using 300 ohm twinlead might create less RF exposure than 450 ohm ladder line? And would using a Matchbox-type balanced tuner do a better job of minimizing line radiation than a T-match and balun tuner? I currently use an AEA AT-300 which is a box slightly bigger than an HF transceiver. It contains 2 coils and one variable capacitor, thus:

```
4:1
Ferrite---
Coax in-- L1--+---L2----Balun-----Balanced out
+ |
|
Gnd C1
|
Gnd
```

Now of course, my feedline is not symetrical with respect to the antenna. The only way I could get something long enough to work on 80m well (102 ft) was to run one leg of the inv vee from a ~35 feet up a tree at one side of my backyard back, to my shack window. The feed line goes down the tree to a height of about 7 feet, then under the eaves to the window, thusly:

```
/|\
/ || \
/ || \
/ || \
/ || \
|+------+
| feedln+-- shack
Tree
```

I have a feeling I'm going to have to move it to be incompliance with the big bad new environmental rules. I'm also running an R7 vertical just over my roof (base of ant. at about 23 feet). Then I also have 10db circular satellite beams at about 28 feet, on an 8' roof tower.

Am I going to have to move all my antennas to run 100 watts and still be in compliance? Information so far is kinda sketchy, and you have to wade through 50 pages of bureaucratese to find it.

So, Cecil and other antenna mavens, what's da scoop?

73,
Peter - KD7MW

--
Peter A. Klein (pklein@seattleu.edu) : ------==3== --- ---
Network Administrator, LAN/WAN/Novell : | | | | | | | |
Seattle University, 296-5569 : @| @| @| @| @| @| @| @|

1252. Re: Anonymous poster caught: J. Mackey (was: Re: CB repeaters)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4va9br$okl@freenet-news.carleton.ca>
Source record: 218613

>
> That particular post came from onyx.indstate.edu with the Organization
> line reading "Myself & I-2." Your current "I own the Portland .435
> repeater" came from biosys.apldbio.com with the Organization line also
> reading "Myself & I-2." Both articles contain the address
> suprise2@where2.edu, only this time you were actually dumb enough
> to sign your name and callsign. I guess we should allow the possibility
> that someone forged your name and call ("yeah, that's what happened")
> but I believe that the accused is burdened in proving their innocence.
>
> Prosecution rests.
>
> Jeff KH2PZ
>
> P.S. Any licensed ham can become a rptr owner - there's no virture
> in that - and practically any transceiver can be made into a crude
> rptr. Thus, you hold no special significance in the amateur community; but
> now among the internet community you are scum for not having the courage
> to use your real address to accompany your remarks.

He's a communist!
--

Bye for now, Frank Sved (VE3GID) at DG198@freenet.carleton.ca

1253. US License Examination Opportunities Scheduled 8/19/96 to 11/25/96

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: "Bart Jahnke, KB9NM ARRL/VEC" <vec@arrl.org>
Message-ID: <3218C7E0.4677@arrl.org>
Source record: 218614

You can Email the ARRL/VEC (or this page's content
administrator) at "vec@arrl.org".

*****>> When viewing this list, if the list appears to be cut
off (stops somewhere in the middle of the state's listings)
try downloading the entire file then viewing it off line.
Some WEB browser programs have exhibited this problem.

****

Have you recently passed your test? Find out your new call sign and/or
license privileges using the following World Wide Web URL (or by using
the phone number shown below):

http://www.ualr.edu/~hamradio/callsign.html

or look for this link from the ARRL WEB page at

http://www.arrl.org/

At ten (10 days) after the test session call 860-594-0300.

****

AMATEUR RADIO EXAMINATION OPPORTUNITIES

****

Want to find out what if your new FCC license has been granted?
Has it been 10 days since you took you examination?

If so, Call ARRL at 1-860-594-0300 (8 am to 9 pm weekdays, eastern time)
to find out. We suggest that you not call the FCC (should you choose to
call the FCC at 1-800-322-1117 during business hours, be aware that their
number is normally busy).

Your hardcopy (printed) license would follow shortly after the license
grant is indicated in the FCC Amateur Service data base.

If your test was coordinated through the ARRL/VEC, license turnaround
time will be approximately 7-15 days. This includes 1-5 days for the
VE team to complete their processing (the team has up to 10 days before
they must mail the results), 3-5 days between the VE team and the VEC;
2 business days at the VEC (in some cases only 1 day); and 1-3 business
days at the FCC. Allow 5 business days from the date that the VE team
estimates the test session results will reach the VEC.

****

NEED AN FCC FORM 610?

The ARRL/VEC can supply you with your needed Forms 610, whether they be for the Reciprocal Permit for Alien Amateur Licensee, Form 610-A; Club/Military-Recreation/RACES station, Form 610-B; or Form 610 for Amateur Operator/Primary Station License. FCC Form 610-R is a computer generated renewal form that will be sent from the FCC (beginning September 1995) to licensees whose license is to expire within 90 days. Form 610-V is the special application for persons seeking a Vanity call sign (see below).

Several FCC forms, including Form 610, are available through the FCC's fax-on-demand service by calling 202-418-0177 (request form "000610" for Form 610, form "006108" for Form 610V).

You can obtain FCC Form 610V along with FCC form 1070V and FCC vanity call sign information fact sheet PR 5000, number 206v) by writing ARRL, 225 Main Street, Newington, CT 06111. You must include an SASE.

Form 610 or other forms, including Form 610V, are also available from the FCC via the internet at:

http://www.fcc.gov/Forms/

or

ftp://ftp.fcc.gov/pub/Forms/

The FCC Forms Distribution Center will accept FCC forms requests by calling 800-418-3676.

****

STILL NEED TO PREPARE FOR YOUR EXAM?

If you would like information on how to become licensed; or how to locate Amateur Radio clubs, instructors, licensing classes and/or Novice examiners in your area; please contact the ARRL Educational Activities Department (EAD) at 860-594-0301. The EAD can also provide information on recommended study materials. Electronic mail may be forwarded to the ARRL EAD via USENET at "ead@arrl.org" or via MCI Mail to MCI ID: 215-5052.

****

THINGS TO BRING TO EXAMINATIONS

Bring a photo ID along with a second form of identification (else bring two non-photo forms of ID); bring your original FCC license and a photocopy of your license (if you are currently licensed); bring the original and a copy of any Certificate(s) of Successful Completion of Examination (CSCEs); if necessary, bring a scientific calculator (that does not have the ability to store formulas); bring a pen and two pencils; and be sure to bring payment for the test fee

if charged by the VEC.

****

EXAMINATION CREDIT IS AVAILABLE AS FOLLOWS

By presenting an original, current FCC-license, the following
exam credit will be conveyed to the applicant by the VE Team:

Novice - Elements 1A and 2
Technician (dated after 2/14/91) - Elements 2 and 3A
(*)Technician (dated before 3/21/87) - Elements 1A, 2, 3A and 3B
Technician Plus - Elements 1A, 2 and 3A
General - Elements 1B, 2, 3A and 3B
Advanced - Elements 1B, 2, 3A, 3B and 4A
Extra - All elements

Footnote:

(*) For grandfather Element 3B credit, only an original license
or a copy which was issued on or before 3/21/87 is acceptable by VEs.
VECs may be able to allow such credit based upon an original CSCE
issued on before that date which shows Element 3 credit for passing
the (then) 50 question Technician/General written test. If such
documentation has been destroyed, the FCC will itself issue the
necessary verification. To obtain such verification, acceptable
by all VE Teams and VECs, write to FCC and request a "Letter of
Verification of Technician License Held Prior To March 21, 1987".
Mail (or fax 717-337-1541) your request to: FCC, 1270 Fairfield Rd,
Gettysburg PA 17325-7245. If you include reference to a fax number
in your reply, the FCC will fax your verification letter to you.
Normal turnaround at FCC is 3-5 business days after receipt.

By presenting an original Certificate of Successful Completion
of Examination (CSCE), the following credit is conveyed:

* For Technician licensees: A CSCE showing Element 1A, 1B or
1C credit qualifies the holder for Technician Plus HF privileges.
The CSCE may have been issued more than 365 days earlier.

* For others: A CSCE issued up to 365 days earlier conveys credit
for the element(s) shown as passed. A Physician's Certification
on a Form 610 is acceptable by a VE Team for 365 days after the
Physician's signature date. Once accepted by the VE Team,
assuming the applicant qualifies for a General or Advanced license,
a CSCE is issued showing Element 1C (or "Physician's Cert. and
Release: 1C") credit is valid for 365 days toward an Extra class
license.

****

The following test session information is provided by the
ARRL/VEC for the upcoming eight to twelve week period. For
further information, please contact the test session CONTACT

PERSON at the telephone number provided. If necessary, you
may contact the ARRL/VEC at 860-594-0300 for additional
information. Electronic mail may be forwarded to the ARRL/VEC
via USENET at "vec@arrl.org" or via MCI Mail to
MCI ID: 653-2312 or 215-5052.

Although the test session information presented here does
not indicate whether walk-ins are accepted or not, most test
sessions do allow walk-ins. We encourage you, however, to
always contact the CONTACT PERSON at the telephone number
provided so that the VE Team is aware that you be attending
the test session.

EXAM LISTINGS - DEFINITION OF FIELDS

STATE
Test Date,VEC,City,Zip-code,Contact Phone,Contact Person

The SECOND field in the following listing specifies the VEC
which is coordinating this examination. This single-character
designator denotes the VEC as defined below. An "A" (for example)
indicates that this examination is coordinated by the ARRL/VEC.

For further information on any examinations listed, or if you do not
find any examinations listed for your area, you may contact
any of the coordinating VECs below.

A = ARRL/VEC, 225 Main St, Newington, CT 06111; (d) 860-594-0300
The 1996 test fee is $6.05.

X = Anchorage ARC, 2628 Turnagain Parkway, Anchorage, AK 99517;
(d) 907-786-8121, (n) 907-243-2221 (or) 907-276-5121
(or) 907-274-5546. No fee.

C = Central Alabama VEC Inc., 1215 Dale Dr SE, Huntsville, AL 35801;
205-536-3904

E = Golden Empire ARS, PO Box 508, Chico, CA 95927; No phone.

G = Greater Los Angeles ARG, 9737 Noble Ave, Sepulveda, CA 91343;
818-892-2068, 805-822-1473.

J = Jefferson ARC, PO Box 24368, New Orleans, LA 70184-4368;
504-832-6803

K = Koolau ARC, 45-529 Nakuluai St, Kaneohe, HI 96744;
808-235-4132

L = Laurel ARC Inc., PO Box 3039, Laurel, MD 20709-0039;
(d) 301-572-5124, (n) 301-317-7819 or 301-588-3924

M = The Milwaukee RAC Inc., PO Box 25707, Milwaukee, WI 53225;
414-466-4267.

H = Mountain ARC, PO Box 10, Burlington, WV 26710; 304-289-3576,
301-724-0674

P = PHD ARA Inc., PO Box 11, Liberty, MO 64068-0011; 816-781-7313

R = Sandarc-VEC, PO Box 2446, La Mesa, CA 91943-2446; 619-465-3926.
No fee.

S = Sunnyvale VEC ARC, PO Box 60307, Sunnyvale, CA 94088-0307;
408-255-9000. The 1996 test fee is $6.00.

T = Triad Emergency ARC, 3504 Stonehurst Pl, High Point, NC 27265;
910-841-7576

W = Western Carolinas ARS VEC, 5833 Clinton Hwy - Suite 203,
Knoxville, TN 37912-2500; 423-688-7771. The 1996 test fee is $6.05.

5 = W5YI-VEC, PO Box 565101, Dallas, TX 75356-5101; 817-461-6443
The 1996 test fee is $6.05.

EXAMINATION OPPORTUNITIES IN YOUR AREA:

ALASKA
09/04/96,X,Anchorage,99501,907-243-2221,Roger Hansen
09/04/96,X,Eagle River,99517,907-343-8121,Roger Hansen
09/07/96,X,Fairbanks,99701,907-488-2488,Billy Connor
09/14/96,X,Anchorage,99501,907-243-2221,Roger Hansen
10/02/96,X,Anchorage,99501,907-243-2221,Roger Hansen
10/02/96,X,Eagle River,99517,907-343-8121,Roger Hansen
10/05/96,X,Fairbanks,99701,907-488-2488,Billy Connor
10/12/96,X,Anchorage,99501,907-243-2221,Roger Hansen
11/02/96,X,Fairbanks,99701,907-488-2488,Billy Connor
11/06/96,X,Anchorage,99501,907-243-2221,Roger Hansen
11/06/96,X,Eagle River,99517,907-343-8121,Roger Hansen
11/09/96,X,Anchorage,99501,907-243-2221,Roger Hansen

ALABAMA
08/25/96,A,Alexander City,35010,205-329-1205,Danny Lloyd
08/31/96,A,Albertville,35950,205-891-4720,William J Lane
08/31/96,A,Montgomery,36106,334-269-4201,Leroy Bell Jr
09/06/96,C,Pelham,35203,205-803-1151,Jim Baker
09/07/96,A,Haleyville,35565,205-486-3017,Billy Crumpton
09/14/96,A,Fort Payne,35967,205-657-5204,Albert Bible
09/19/96,A,Decatur,35601,205-350-5454,Bill Blackburn
09/21/96,5,Sheffield,35660,205-389-8070,John Lambert, Jr
09/28/96,A,Albertville,35950,205-891-4720,William J Lane
09/28/96,A,Montgomery,36106,334-269-4201,Leroy Bell Jr
10/05/96,C,Birmingham,35203,205-681-3025,Chuck Hendricks
10/12/96,W,Gadsden,35901,205-492-8194,Gene McGlaughn
10/12/96,A,Scottsboro,35768,2056575204,Albert Bible
10/19/96,5,Sheffield,35660,205-389-8070,John Lambert, Jr
10/26/96,A,Albertville,35950,205-891-4720,William J Lane
10/26/96,A,Montgomery,36106,334-269-4201,Leroy Bell Jr
11/01/96,C,Pelham,35203,205-803-1151,Jim Baker

11/16/96,A,Fort Payne,35967,205-657-5204,Albert Bible
11/16/96,5,Sheffield,35660,205-389-8070,John Lambert, Jr

ARKANSAS
08/24/96,5,Bentonville,72758,501-636-7689,Dean Garland
08/24/96,A,Little Rock,72205,501-835-5495,Elisha J "EJ"" Dixon Jr
09/03/96,A,Jacksonville,72076,501-982-6511,Vernon A Oberle
09/07/96,A,Jonesboro,72401,501-932-1660,Evelyn E Castleberry
09/10/96,A,Paragould,72450,501-236-3921,Dr Jay Springman
09/14/96,A,Benton,72015,501-847-2793,Mike L Porter, Sr
09/14/96,5,Magnolia,65747,501-234-1218,Larry Taylor
09/14/96,A,Siloam Springs,72761,501-524-8090,Michael Diaz KJ5OP
09/17/96,A,Searcy,72143,501-729-5489,Roger Gray
09/21/96,5,Van Buren,72952,501-471-1045,Philip Williams WA5P
09/28/96,5,Bentonville,72758,501-636-7689,Dean Garland
09/28/96,A,Little Rock,72205,501-835-5495,Elisha J "EJ"" Dixon Jr
10/01/96,A,Jacksonville,72076,501-982-6511,Vernon A Oberle
10/08/96,A,Conway,72032,501-329-1451,Glenn A King
10/08/96,A,Paragould,72450,501-236-3921,Dr Jay Springman
10/12/96,A,Benton,72015,501-847-2793,Mike L Porter, Sr
10/12/96,5,Magnolia,65747,501-234-1218,Larry Taylor
10/12/96,A,Siloam Springs,72761,501-524-8090,Michael Diaz KJ5OP
10/19/96,5,Van Buren,72952,501-471-1045,Philip Williams WA5P
10/23/96,5,Bentonville,72758,501-636-7689,Dean Garland
10/26/96,5,Hot Springs,71913,501-760-1181,Charles Jacques
10/26/96,A,Little Rock,72205,501-835-5495,Elisha J "EJ"" Dixon Jr
11/05/96,A,Jacksonville,72076,501-982-6511,Vernon A Oberle
11/09/96,A,Benton,72015,501-847-2793,Mike L Porter, Sr
11/09/96,A,Russellville,72801,501-641-2022,Ben Hillis
11/09/96,A,Siloam Springs,72761,501-524-8090,Michael Diaz KJ5OP
11/12/96,A,Conway,72032,501-329-1451,Glenn A King
11/12/96,A,Paragould,72450,501-236-3921,Dr Jay Springman
11/12/96,A,Searcy,72143,501-729-5489,Roger Gray
11/16/96,5,Magnolia,65747,501-234-1218,Larry Taylor
11/16/96,5,Van Buren,72952,501-471-1045,Philip Williams WA5P
11/23/96,A,Little Rock,72205,501-835-5495,Elisha J "EJ"" Dixon Jr

ARIZONA
08/19/96,A,Mesa,85207,602-898-4066,Denise M Rospapa
09/14/96,R,Tucson,85748,602-886-7217,Joe Wong
09/14/96,5,Williams,86320,520-637-2358,Jerald Ellison
09/16/96,A,Mesa,85207,602-898-4066,Denise M Rospapa
09/21/96,A,Tucson,85705,520-682-7704,Ronny G Herring
09/28/96,A,Phoenix,85004,602-996-8148,Gary M Hamman
10/05/96,A,Flagstaff,86001,520-774-9221,Robert Eis
10/05/96,A,Phoenix,85001,602-972-8733,Ray Sumner, NW7R
10/12/96,R,Tucson,85748,602-886-7217,Joe Wong
10/19/96,A,Tucson,85705,520-682-7704,Ronny G Herring
10/21/96,A,Mesa,85207,602-898-4066,Denise M Rospapa
10/26/96,A,Phoenix,85004,602-996-8148,Gary M Hamman
11/02/96,A,Phoenix,85001,602-972-8733,Ray Sumner, NW7R

11/09/96,A,Prescott,86301,602-772-8539,Dave Rutledge
11/09/96,R,Tucson,85748,602-886-7217,Joe Wong
11/09/96,5,Williams,86320,520-637-2358,Jerald Ellison
11/16/96,A,Tucson,85705,520-682-7704,Ronny G Herring
11/18/96,A,Mesa,85207,602-898-4066,Denise M Rospapa
11/23/96,A,Phoenix,85004,602-996-8148,Gary M Hamman

CALIFORNIA
08/19/96,5,San Diego,92154,619-575-5222,Carol Barrier
08/22/96,A,Colton,92324,909-825-7136,Harold Heydenfeldt
08/22/96,A,Palm Desert,92260,619-341-5142,Greg West
08/24/96,R,Chula Vista,92150,619-428-8418,James Murphy
08/25/96,A,Fortuna,95540,707-725-2045,Paul C Perrine K6KGA
08/25/96,A,Sacramento,95828,9163832113,Richard Addison
08/25/96,S,Sunnyvale,94086,408-255-9000,Sunnyvale VEC
08/26/96,A,Glendale,91200,818-249-5240,Joseph Sabutis
08/31/96,A,Culver City,90049,310-459-0337,Scott V Swanson
08/31/96,R,Escondido,92026,619-743-4212,Harry A Hodges
08/31/96,A,Fairfield,94588,916-791-0268,Richard Winter AB6EY
08/31/96,A,Pomona,91769,909-949-0059,Donald Warburg WA6HNC
09/01/96,A,Oakland,94618,415-752-8783,Allen T Smith AA6UX
09/03/96,S,Fremont,94537,408-255-9000,Sunnyvale VEC
09/04/96,5,Sacramento,95822,916-334-4887,Jim Lomax
09/06/96,A,Bakersfield,93301,805-765-2297,James M Phillips AA7IU
09/07/96,A,Cupertino,95014,408-243-8349,Emmett Freitas
09/07/96,A,San Rafael,94901,707-778-8504,Tom Miller
09/07/96,R,Santee,91942,619-466-8219,H M Knickerbocker
09/07/96,A,Stockton,95213,NOT AVAILABLE,Chet Jensen - Closed Session
09/08/96,A,Sacramento,95828,9163832113,Richard Addison
09/09/96,A,Bermuda Dunes,92201,619-345-8780,Don Doughty
09/09/96,A,Palm Desert,92260,619-346-3046,Maureen Hiemstra
09/10/96,5,Vallejo,94589,707-553-8625,Jose Tampinco
09/10/96,A,Yuba City,95991,916-673-0868,Homer Oliver
09/11/96,5,Hollywood,91607,818-766-1341,Elliott Bloch
09/13/96,A,Irvine,92717,714-824-8477,Jack C Lockhart WD6AEI
09/14/96,5,Bell,90201,213-560-8618,Pedro Cacheiro
09/14/96,R,Carlsbad,92026,619-747-5872,Louis B Massie
09/14/96,A,Culver City,90230,310-827-2538,Clive Morel AA6TZ
09/14/96,A,Culver City,90230,310-827-2538,Clive Morel
09/14/96,A,Fontana,92335,909-822-0392,Bill Hatch N6YTQ
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10/27/96,5,Aurora,80011,303-364-6783,Lee Tingle
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11/09/96,A,Denver,80220,303-360-7293,Glenn Schultz
11/09/96,A,Fort Collins,80523,970-350-4218,Steve Henry
11/09/96,A,Glenwood Springs,81601,970-945-6653,Robert Cutter
11/13/96,A,Windsor,80550,303-484-3989,Annita St John or Don St John
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09/08/96,A,Cartersville,30120,404-974-7710,Michael P Mahaffey, AD4QB
09/10/96,5,Snellville,30087,770-498-7759,Julian Taylor
09/14/96,A,Augusta,30906,706-798-5060,C L Norton
09/14/96,5,Gainesville,30501,770-967-6364,Terry Jones
09/14/96,5,Milledgeville,31061,912-453-8977,Charles Pennington
09/24/96,A,Douglasville,30134,770-942-6466,Jesse C Clower
09/27/96,5,Lilburn,30226,770-921-8362,Howie Gould W4NVF
09/28/96,A,Columbus,31904,706-269-3923,Joe Owen
09/28/96,5,Gainesville,30501,770-967-6364,Terry Jones
10/05/96,W,Ellijay,30540,706-276-6660,Hugh Beam
10/12/96,5,Milledgeville,31061,912-453-8977,Charles Pennington
10/13/96,A,Cartersville,30120,404-974-7710,Michael P Mahaffey, AD4QB
10/15/96,5,Snellville,30087,770-498-7759,Julian Taylor
10/19/96,5,Carrollton,30108,770-258-3292,Maxie Strickland
10/22/96,A,Douglasville,30134,770-942-6466,Jesse C Clower
10/25/96,5,Lilburn,30226,770-921-8362,Howie Gould W4NVF
10/26/96,W,Dalton,30721,706-259-5625,Bert Coker
10/27/96,A,Toccoa,30577,706-779-5006,Dana House
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11/09/96,A,Augusta,30906,706-798-5060,C L Norton
11/09/96,5,Milledgeville,31061,912-453-8977,Charles Pennington
11/10/96,A,Cartersville,30120,404-974-7710,Michael P Mahaffey, AD4QB
11/12/96,5,Snellville,30087,770-498-7759,Julian Taylor
11/22/96,5,Lilburn,30226,770-921-8362,Howie Gould W4NVF

IOWA
08/24/96,A,Essex,51638,712-379-3614,Ronald D Erickson
08/31/96,A,Council Bluffs,51503,712-322-1454,Lorraine Bogle
09/08/96,A,Dubuque,52001,319-557-9149,Carl Clark N0KAX # below
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09/13/96,A,Sioux City,51105,402-494-6070,Michael Nickolaus
09/21/96,A,Ames,50011,515-292-4504,FS Hird
09/28/96,A,Essex,51638,712-379-3614,Ronald D Erickson
09/28/96,5,Fort Dodge,50501,515-576-5576,Rex S Moore
10/12/96,A,Clinton,52732,319-242-9486,Roger Gorzney
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10/19/96,5,Mount Pleasant,52641,319-385-7458,Fred Neff
10/26/96,A,Council Bluffs,51503,712-322-1454,Lorraine Bogle
10/26/96,A,Essex,51638,712-379-3614,Ronald D Erickson
11/01/96,A,Sioux City,51105,402-494-6070,Michael Nickolaus
11/03/96,A,Cedar Falls,50613,319-292-8615,Jack Treloar
11/23/96,A,Essex,51638,712-379-3614,Ronald D Erickson
11/23/96,5,Fort Dodge,50501,515-576-5576,Rex S Moore

IDAHO
08/24/96,5,Payette,83661,208-642-2823,James Johnson
08/27/96,A,Hailey,83333,208-788-4416,Ray Jefferson
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09/04/96,5,Idaho Falls,83404,208-522-7347,Doug Jenson
09/10/96,A,McCall,83638,208-634-4466,Jeremy Alexander
09/14/96,A,Boise,83704,208-343-9153,Lem Allen
09/14/96,A,Sagle,83860,208-265-4534,Russell H Arndt
09/28/96,5,Payette,83661,208-642-2823,James Johnson
10/02/96,A,Athol,83801,208-683-2094,Robert Swain
10/02/96,5,Idaho Falls,83404,208-522-7347,Doug Jenson
10/08/96,A,McCall,83638,208-634-4466,Jeremy Alexander
10/12/96,A,Sagle,83860,208-265-4534,Russell H Arndt
10/19/96,5,Idaho Falls,83451,208-458-4259,William Farley
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11/06/96,A,Athol,83801,208-683-2094,Robert Swain
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11/09/96,A,Sagle,83860,208-265-4534,Russell H Arndt
11/12/96,A,McCall,83638,208-634-4466,Jeremy Alexander
11/23/96,5,Payette,83661,208-642-2823,James Johnson

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08/24/96,5,Oak Forest,60462,708-403-3721,Bob Marcheschi
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08/27/96,A,Dixon,61021,815-288-4777,James H Higby WB9JMT
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09/21/96,A,Bolingbrook,60440,815-723-3332,Dale Onderisin KA9KHX
09/21/96,5,Loves Park,61111,815-877-6768,Dennis Eksten
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09/26/96,5,Glen Ellyn,60138,708-325-5694,Lyle Long
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09/29/96,A,Effingham,62401,217-347-7346,Russ Thomas
09/29/96,A,West Frankfort,62896,618-982-2286,Brent Stroud
10/04/96,A,Westmont,60559,708-964-6258,Don Hlinsky
10/05/96,5,Chicago,60628,312-468-4665,Maynard Nelson
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10/08/96,5,Taylorville,62568,217-287-1109,David Maskel
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10/12/96,A,Lincoln,62656,217-782-9674,Gregory Gobleman
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10/19/96,5,Morton,61550,309-266-6756,James Cussey
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11/02/96,5,Chicago,60628,312-468-4665,Maynard Nelson
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11/03/96,5,Hillsboro,62049,217-532-6277,David Boyd
11/03/96,A,Paris,61944,217-466-4315,John W Welch
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11/06/96,5,Carlinville,62626,217-854-8261,William Ogle
11/08/96,A,Beardstown,62618,217-245-2061,Tim Childers
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11/19/96,5,De Kalb,60115,815-756-8493,Robin Cross
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08/31/96,A,Goshen,46526,219-533-4563,David W Evans
08/31/96,A,Indianapolis,46202,317-578-0859,Joseph A Cirillo
08/31/96,A,Indianapolis,46224,317-329-6295,Brian Belle
09/07/96,A,Bloomington,47401,812-336-6280,Herschel Lentz, N9EQY
09/14/96,A,Chesterton,46304,219-762-2887,William Peterson
09/14/96,A,Fishers,46038,317-846-2979,John Deegan
09/14/96,A,New Castle,47362,317-288-0481,Peggy Coulter
09/15/96,A,Auburn,46706,219-665-6777,Sandra K Parker
09/15/96,5,Kokomo,46902,317-453-6542,Will Puranen
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09/18/96,A,Indianapolis,46290,317-326-6168,Tom Donaldson N9LFU
09/20/96,5,South Bend,46615,219-232-6883,Alan Seifert

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09/21/96,A,Franklin,46131,317-784-1044,David A Wendt
09/21/96,A,Michigan City,46360,219-874-3386,Robert Lyles K9ET
09/28/96,5,Columbia City,46723,219-693-9328,Jim Smith
09/28/96,A,Evansville,47712,812-421-9135,Terry L Brooks
09/28/96,A,Fort Wayne,46808,219-432-3181,Robert Girod
09/28/96,A,Highland,46322,219-923-8308,Charles Sufana
09/28/96,A,Lafayette,47905,317-423-1035,R D Martin
09/29/96,A,Evansville,47712,812-421-9135,Terry L Brooks
09/29/96,A,Fort Wayne,46808,219-432-3181,Robert Girod
10/05/96,A,Bloomington,47401,812-336-6280,Herschel Lentz, N9EQY
10/05/96,A,Muncie,47305,317-288-0481,Peggy Coulter

10/06/96,A,Terre Haute,47807,812-466-2122,Fred Mahalek
10/12/96,A,Chesterton,46304,219-762-2887,William Peterson
10/12/96,A,Indianapolis,46202,317-578-0859,Joseph A Cirillo
10/16/96,A,Indianapolis,46201,317-259-7610,Pete Zinkan AA9HK
10/16/96,A,Indianapolis,46290,317-326-6168,Tom Donaldson N9LFU
10/18/96,5,South Bend,46615,219-232-6883,Alan Seifert
10/19/96,A,Franklin,46131,317-784-1044,David A Wendt
10/19/96,W,New Albany,47150,812-246-6377,Dick Truax
10/26/96,A,Frankford,46060,317-325-2795,Arthur J Mendell
10/26/96,A,Highland,46322,219-923-8308,Charles Sufana
10/27/96,A,Angola,46703,419-485-4028,Joyce Collins
11/02/96,A,Bloomington,47401,812-336-6280,Herschel Lentz, N9EQY
11/02/96,A,New Castle,47362,317-288-0481,Peggy Coulter
11/09/96,A,Chesterton,46304,219-762-2887,William Peterson
11/09/96,A,Lafayette,47905,317-423-1035,R D Martin
11/15/96,A,Highland,46322,219-923-8308,Charles Sufana
11/15/96,5,South Bend,46615,219-232-6883,Alan Seifert
11/16/96,A,Franklin,46131,317-784-1044,David A Wendt
11/17/96,5,Kokomo,46902,317-453-6542,Will Puranen
11/20/96,A,Indianapolis,46201,317-259-7610,Pete Zinkan AA9HK
11/20/96,A,Indianapolis,46290,317-326-6168,Tom Donaldson N9LFU
11/24/96,5,Fort Wayne,46835,219-486-7647,John Fletter

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09/05/96,A,Newton,67114,316-283-6042,Charles Dix
09/07/96,5,Topeka,66604,913-267-6455,Milo E McNall
09/13/96,5,Overbrook,66605,913-267-6455,Milo Mc Nall
09/28/96,A,Wamego,66547,913-456-8596,Charles Carter
10/03/96,A,Newton,67114,316-283-6042,Charles Dix
10/12/96,A,Topeka,66604,913-267-6455,Milo McNall
11/07/96,A,Newton,67114,316-283-6042,Charles Dix
11/08/96,5,Overbrook,66605,913-267-6455,Milo Mc Nall
11/16/96,A,Wamego,66547,913-456-8596,Charles Carter

KENTUCKY
08/20/96,A,Owensboro,42301,502-926-4451,Steve Morgan
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09/03/96,W,Hazard,41701,606-436-5354,John Farler
09/03/96,A,Middlesboro,40965,606-248-5078,Michael Harrell KD4XZ
09/07/96,A,Louisville,40232,502-969-7332,Otis R Herron
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09/08/96,A,Morehead,40351,606-674-6815,Steven E Duley
09/14/96,W,Irvine,40336,606-723-4500,Dwaine Riddell
09/14/96,A,Radcliff,40160,502-351-7242,Rick Tinsley
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09/19/96,A,Hopkinsville,42240,502-269-2574,Tom Westerfield
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09/20/96,A,Somerset,42501,606-679-2442,Norman Ard
09/28/96,A,Louisville,40214,502-969-7332,Otis Herron
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10/01/96,A,Middlesboro,40965,606-248-5078,Michael Harrell KD4XZ

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11/03/96,A,Morehead,40351,606-674-6815,Steven E Duley
11/05/96,W,Hazard,41701,606-436-5354,John Farler
11/05/96,A,Middlesboro,40965,606-248-5078,Michael Harrell KD4XZ
11/09/96,W,Irvine,40336,606-723-4500,Dwaine Riddell
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11/09/96,A,Radcliff,40160,502-351-7242,Rick Tinsley
11/20/96,A,Waddy,40076,502-839-4041,Jerry Shouse
11/22/96,5,Owensboro,42301,502-683-5051,Stanley Spencer
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11/03/96,A,Shirley,01464,508-425-6672,Tom Sefrank WA1RHP
11/06/96,A,Acton,01720,508-562-5622,Charles D McCarthy
11/08/96,A,Ware,01082,413-967-7426,Tony Naglieri
11/10/96,A,Gloucester,01930,508-281-5641,Rick Maybury
11/10/96,A,Shirley,01464,508-425-6672,Tom Sefrank WA1RHP
11/11/96,A,Boston,02115,617-593-1955,Bob Wondolowski
11/16/96,A,Lynn,01964,508-468-2780,Herbert G Ryan
11/16/96,A,Melrose,02176,617-322-7654,Scott Kingsley
11/17/96,A,Shirley,01464,508-425-6672,Tom Sefrank WA1RHP
11/20/96,5,Cambridge,02139,617-253-3776,Nick Alterndburnd
11/20/96,A,Lunenburg,01462,508-534-9377,Tom Duffy
11/22/96,A,Holyoke,01040,413-245-3228,Ann Mullen
11/24/96,A,Shirley,01464,508-425-6672,Tom Sefrank WA1RHP

MARYLAND
09/01/96,A,Palmer Park,20785,301-773-2898,Freddie Battle
09/14/96,A,Baltimore,21211,410-668-2363,Adrian Nickles
09/21/96,L,Laurel,20707,301-572-5124,John Creel
09/29/96,A,Brunswick,21716,301-834-8831,Lester M Reynolds
10/06/96,5,Palmer Park,20785,301-773-2898,Freddie Battle
10/12/96,H,Cumberland,21501,304-289-3576,Leo Patterson
10/17/96,A,Towson,21204,,further info may be obtained
10/19/96,L,Laurel,20707,301-572-5124,John Creel
11/03/96,A,Palmer Park,20785,301-773-2898,Freddie Battle
11/09/96,A,Baltimore,21211,410-668-2363,Adrian Nickles
11/16/96,L,Laurel,20707,301-572-5124,John Creel
11/16/96,A,Manchester,21102,410-239-8488,Ed Davis, KF2EN

MAINE
08/21/96,A,Farmington,04938,207-654-2433,John Messeder, Jr
09/07/96,5,Windsor,04363,207-623-5107,Joseph Kozak
09/21/96,A,Lincoln,04457,207-794-3398,David Baker
09/27/96,A,Alfred,04002,207-985-4825,John DiLiddo
10/02/96,A,Brunswick,04011,207-725-5155,Stephen A Hanks
10/05/96,A,Houlton,04730,207-532-2823,Peter M Hurd N1SS
10/13/96,A,Yarmouth,04096,207-846-7734,Dick Jackson
10/19/96,A,Hermon,04401,207-843-6965,Kristen Hayward
10/22/96,A,Dixfield,04224,207-562-8979,Richard LaBrecque
10/22/96,A,Presque Isle,04769,207-455-8333,Wilburn Scott
10/26/96,5,Bucksport,04416,207-565-3634,Norman Veillette
11/02/96,A,Portland,04102,207-856-6192,Barnie Reynolds
11/09/96,A,Houlton,04730,207-532-2823,Peter M Hurd N1SS
11/15/96,A,Alfred,04087,207-324-1718,Albert Noble Jr
11/20/96,A,Farmington,04938,207-654-2433,John Messeder, Jr

MICHIGAN
08/22/96,A,Battle Creek,49016,616-969-3026,Richard F Holcomb
08/24/96,A,Allegan,49010,616-673-5340,Bryan Lane
08/25/96,A,Stevensville,49127,616-429-7574,Larry Schrader
09/01/96,A,Alma,48801,517-463-3632,John H Gibson
09/07/96,5,Detroit,48034,810-471-6010,Dennis Mills
09/07/96,5,Mount Clemens,48036,810-468-8345,William Chesmey
09/07/96,A,Petoskey,49770,616-526-5503,Floyd A Davis
09/07/96,A,Saginaw,48602,517-624-9094,G Ed King
09/07/96,A,Whitehall,49461,616-894-8325,James Durham
09/13/96,A,Grand Rapids,49505,616-458-6000,John W Wittmann
09/14/96,A,Ann Arbor,48108,313-663-4625,Claybourne Mitchell
09/14/96,A,Dearborn,48128,313-676-6248,Motor City Radio Club
09/14/96,A,Flint,48507,810-639-7646,Rodney Brown
09/14/96,A,Mancelona,49646,616-258-2273,Jack Thomas
09/14/96,A,Marquette,49855,906-249-3837,Richard Schwenke
09/14/96,A,Port Huron,48060,810-364-9640,Leon T Switzer
09/14/96,A,Roscommon,48653,517-821-9427,Mark L Marsh
09/21/96,A,Flint,48501,810-634-6077,Bill Coale
09/21/96,5,Jackson,49203,517-782-1430,Richard McGuire KI8C
09/28/96,A,Allegan,49010,616-673-5340,Bryan Lane
09/28/96,A,Tawas City,48763,517-362-6019,John La Rock
09/29/96,A,Stevensville,49127,616-429-7574,Larry Schrader
10/01/96,A,Oak Park,48237,810-642-3608,Jeff Albrecht, N8WRY
10/05/96,5,Mount Clemens,48036,810-468-8345,William Chesmey
10/05/96,A,Petoskey,49770,616-526-5503,Floyd A Davis
10/05/96,A,Whitehall,49461,616-894-8325,James Durham
10/07/96,A,Kalamazoo,49002,616-323-8123,William D Vantilburg
10/07/96,5,Portage,49081,616-323-8123,Bill Van Tilburg
10/11/96,A,Grand Rapids,49505,616-458-6000,John W Wittmann
10/12/96,A,Ann Arbor,48108,313-663-4625,Claybourne Mitchell
10/12/96,A,Flint,48507,810-639-7646,Rodney Brown
10/12/96,A,Houghton,49931,906-337-2542,George R Thurner, W8FWG
10/13/96,A,Stevensville,49127,616-429-7574,Larry Schrader

10/16/96,A,Grayling,49738,517-348-8663,Kenneth D Wright
10/19/96,A,Flint,48501,810-634-6077,Bill Coale
10/19/96,5,Jackson,49203,517-782-1430,Richard McGuire KI8C
10/19/96,A,Manistee,49660,616-723-2119,Elmer Stamp
10/19/96,5,Monroe,48182,313-854-2224,W Paul Trouten
10/26/96,A,Allegan,49010,616-673-5340,Bryan Lane
11/02/96,5,Iron Mountain,49801,906-246-3641,F D Le Quia
11/02/96,5,Iron Mountain,49801,906-246-3641,F D Le Quia
11/02/96,5,Mount Clemens,48036,810-468-8345,William Chesmey
11/02/96,A,Petoskey,49770,616-526-5503,Floyd A Davis
11/02/96,A,Whitehall,49461,616-894-8325,James Durham
11/08/96,A,Grand Rapids,49505,616-458-6000,John W Wittmann
11/09/96,A,Ann Arbor,48108,313-663-4625,Claybourne Mitchell
11/09/96,A,Dearborn,48128,313-676-6248,Motor City Radio Club
11/09/96,A,Flint,48507,810-639-7646,Rodney Brown
11/10/96,A,Stevensville,49127,616-429-7574,Larry Schrader
11/16/96,A,Flint,48501,810-634-6077,Bill Coale
11/16/96,5,Jackson,49203,517-782-1430,Richard McGuire KI8C
11/16/96,A,Traverse City,49684,616-946-5312,Chuck Mellberg W8SGR
11/23/96,A,Allegan,49010,616-673-5340,Bryan Lane

MINNESOTA
08/20/96,A,Duluth,55802,218-626-2590,Douglas J Nelson
08/24/96,A,Waseca,56093,507-835-2304,Keith Sykora WA0JGT
08/31/96,A,Lake George,56458,612-520-0511,Patrick Tice WA0TDA
09/12/96,A,Apple Valley,55124,612-432-0438,Bill Martin KA0CIR
09/14/96,A,Blaine,55434,612-571-7441,Arthur J Mundy
09/14/96,A,Bloomington,55431,612-888-9756,Daniel J Royer
09/14/96,A,N Branch,55056,612-444-9814,Bradley Fern
09/21/96,A,Cottage Grove,55016,612-459-8678,David Harrell
09/28/96,A,Waite Park,56387,612-573-2613,Robert Bruner
10/07/96,A,Wadena,56482,218-837-5405,Barbara Ranson
10/10/96,A,Apple Valley,55124,612-432-0438,Bill Martin KA0CIR
10/12/96,A,Blaine,55434,612-571-7441,Arthur J Mundy
10/12/96,A,Bloomington,55431,612-888-9756,Daniel J Royer
10/19/96,A,Cottage Grove,55016,612-459-8678,David Harrell
11/04/96,A,Wadena,56482,218-837-5405,Barbara Ranson
11/09/96,A,Blaine,55434,612-571-7441,Arthur J Mundy
11/09/96,A,Bloomington,55431,612-888-9756,Daniel J Royer
11/14/96,A,Apple Valley,55124,612-432-0438,Bill Martin KA0CIR
11/16/96,A,Cottage Grove,55016,612-459-8678,David Harrell
11/23/96,A,N Branch,55056,612-444-9814,Bradley Fern
11/23/96,A,Waite Park,56387,612-573-2613,Robert Bruner

MISSOURI
08/24/96,A,Springfield,65890,417-883-6709,Jim Gilmore N0SMM
08/24/96,5,St Louis,63144,314-963-1024,Gregg Eichenser
08/25/96,A,Brookfield,64628,816-258-7445,Ronald Asher
08/31/96,5,Kansas City,64117,816-453-8028,Harold Wiliams
09/02/96,A,Jackson,63957,314-866-2622,Gerald Grasso
09/05/96,5,Shell Knob,65747,417-858-2920,Travis Treat

09/07/96,5,Kimberling City,65686,417-739-2888,Jim Davis
09/08/96,A,Kirksville,63501,816-825-4721,Duane L Seibold
09/10/96,A,Columbia,65201,314-445-7030,Dewey Bennett
09/11/96,A,Camdenton,65020,573-369-3409,Ace J Hudson
09/11/96,5,Chillicothe,74447,918 756 4749,Jerry Wine
09/12/96,A,Jefferson City,65101,573-635-3362,Alan Braun
09/16/96,A,Buffalo,65622,417-345-8923,Allan Campbell
09/21/96,A,St Louis,63135,314-510-3223,Ronald Lemons
09/28/96,5,Kansas City,64117,816-453-8028,Harold Wiliams
09/28/96,A,Rolla,65401,573-364-4885,Charles Konop
10/03/96,5,Shell Knob,65747,417-858-2920,Travis Treat
10/05/96,5,Kimberling City,65686,417-739-2888,Jim Davis
10/07/96,A,Jackson,63957,314-866-2622,Gerald Grasso
10/08/96,A,Columbia,65201,314-445-7030,Dewey Bennett
10/09/96,A,Camdenton,65020,573-369-3409,Ace J Hudson
10/10/96,A,Jefferson City,65101,573-635-3362,Alan Braun
10/13/96,A,Kirksville,63501,816-825-4721,Duane L Seibold
10/19/96,A,Springfield,65804,417-889-6775,James W Thorpe
10/19/96,A,St Louis,63135,314-510-3223,Ronald Lemons
10/26/96,5,Kansas City,64117,816-453-8028,Harold Wiliams
10/27/96,A,Brookfield,64628,816-258-7445,Ronald Asher
11/02/96,5,Kimberling City,65686,417-739-2888,Jim Davis
11/04/96,A,Jackson,63957,314-866-2622,Gerald Grasso
11/07/96,5,Shell Knob,65747,417-858-2920,Travis Treat
11/10/96,A,Kirksville,63501,816-825-4721,Duane L Seibold
11/12/96,A,Columbia,65201,314-445-7030,Dewey Bennett
11/13/96,A,Camdenton,65020,573-369-3409,Ace J Hudson
11/13/96,5,Chillicothe,74447,918 756 4749,Jerry Wine
11/14/96,A,Jefferson City,65101,573-635-3362,Alan Braun
11/16/96,A,St Louis,63135,314-510-3223,Ronald Lemons

MISSISSIPPI
08/24/96,A,Tupelo,38801,601-869-2514,Derek W Taylor
09/08/96,A,Laurel,39440,601-729-8087,Lee P Matthews
09/10/96,A,Ocean Springs,39564,601-875-0222,Stanley Hecker
10/05/96,A,Biloxi,39507,601-868-3450,Tommy Jackson KB5OGM
10/06/96,A,Biloxi,39507,601-868-3450,Tommy Jackson KB5OGM
10/08/96,A,Ocean Springs,39564,601-875-0222,Stanley Hecker
10/12/96,5,Hattiesburg,39401,601-583-0313,Walter Shields
11/09/96,5,Hattiesburg,39401,601-583-0313,Walter Shields
11/12/96,A,Ocean Springs,39564,601-875-0222,Stanley Hecker

MONTANA
08/26/96,A,Miles City,59301,406-232-3401,C Robin Brooks
09/09/96,5,Helena,59601,406-442-7107,John Geach
09/21/96,5,Kalispell,59901,406-756-8633,Darrell Christophers
09/23/96,A,Miles City,59301,406-232-3401,C Robin Brooks
09/28/96,A,Billings,59101,406-656-6987,Donald Whitcomb
09/30/96,A,Hamilton,59840,406-961-2489,James R Wood Sr
10/11/96,5,Wolf Point,59225,406-392-5751,Loren Nichols
10/28/96,A,Hamilton,59840,406-961-2489,James R Wood Sr

10/28/96,A,Miles City,59301,406-232-3401,C Robin Brooks
11/04/96,5,Helena,59601,406-442-7107,John Geach
11/16/96,A,Billings,59101,406-656-6987,Donald Whitcomb
11/21/96,5,Kalispell,59901,406-756-8633,Darrell Christophers
11/25/96,A,Hamilton,59840,406-961-2489,James R Wood Sr
11/25/96,A,Miles City,59301,406-232-3401,C Robin Brooks

NORTH CAROLINA
08/24/96,A,Morganton,28655,704-433-6205,Thomas D Taylor Sr
08/31/96,W,Shelby,28806,704-253-1192,Norman Harrill
09/01/96,W,Shelby,28806,704-253-1192,Norman Harrill
09/07/96,W,Shelby,28150,704-937-9697,Bobby Fisher
09/08/96,5,Monroe,28110,803-286-5299,Charles Teague
09/10/96,A,Buies Creek,27506,910-897-2550,Mark Hammond
09/14/96,A,Durham,27703,919-494-2088,Terrence J Murphy
09/14/96,A,Fayetteville,28356,,Robert Doyle
09/14/96,5,Jefferson,28643,910-384-2870,Chet Rataski
09/14/96,W,Leicester,28748,704-683-1400,Larry E York
09/14/96,W,Shelby,28150,704-937-9697,Bobby Fisher
09/14/96,A,Yadkinville,27055,910-961-8741,Steve Hutchens
09/21/96,A,Clinton,28328,910-592-5926,Joseph P Powell
09/21/96,T,Lexington,27292,910-841-7576,Jim Williamson NQ4T
09/21/96,A,Morehead City,28557,919-247-6240,Cecil Pennington
09/21/96,A,Smithfield,27577,919-554-2154,David Hockaday
09/26/96,A,Washington,27889,919-975-6098,Robert Richardson KR4TW
09/28/96,A,Morganton,28655,704-433-6205,Thomas D Taylor Sr
09/28/96,A,New Bern,28562,919-633-3178,Charlie Gould
09/28/96,A,Rocky Mount,27804,919-442-6131,William P Thomas
09/29/96,A,Clemmons,27012,910 766 8667,David Fleming
09/29/96,A,New Bern,28562,919-633-3178,Charlie Gould
09/29/96,A,Winston-Salem,27102,910-766-8667,David Fleming
10/12/96,A,Franklinton,27525,919-494-2088,Terry Murphy
10/12/96,A,Hillsborough,27278,919-644-8681,David J. Snyder
10/12/96,A,Wilmington,28412,910-791-1566,Jack Jacobs
10/19/96,W,Asheville,28748,704-628-2681,Don Linn
10/19/96,A,Smithfield,27577,919-554-2154,David Hockaday
10/19/96,W,Spindale,28076,704-657-5464,F Bruce Tessinear
10/26/96,A,Morganton,28655,704-433-6205,Thomas D Taylor Sr
11/02/96,W,Brevard,28712,704-877-4757,W Harrison Whitlock
11/02/96,A,Statesville,28677,704-873-4446,Tim Misenheimer
11/04/96,A,Buies Creek,27506,910-897-2550,Mark Hammond
11/09/96,W,Burnsville,28714,704-675-9044,David McCarty
11/09/96,A,Durham,27703,919-494-2088,Terrence J Murphy
11/09/96,5,Jefferson,28643,910-384-2870,Chet Rataski
11/09/96,W,Robbinsville,28771,704-479-3173,Janet Ward
11/16/96,A,Clinton,28328,910-592-5926,Joseph P Powell
11/16/96,T,Lexington,27292,910-841-7576,Jim Williamson NQ4T
11/16/96,A,Morehead City,28557,919-247-6240,Cecil Pennington
11/16/96,A,Smithfield,27577,919-554-2154,David Hockaday
11/17/96,W,Asheville,28787,704-645-3511,Steve Lanford

11/23/96,A,Morganton,28655,704-433-6205,Thomas D Taylor Sr
11/23/96,A,Rocky Mount,27804,919-442-6131,William P Thomas

NORTH DAKOTA
09/28/96,A,Jamestown,58401,701-251-2035,Tom Spafford

NEBRASKA
08/19/96,A,Grand Island,68801,308-381-8062,Jack L Barnard WY0F
08/25/96,A,Lincoln,68521,402-486-1400,John Hauner
10/26/96,A,Lincoln,68521,402-486-1400,John Hauner

NEW HAMPSHIRE
08/31/96,A,Portsmouth,03801,603-436-0416,Al Lapanne KC1MW
09/14/96,A,Nashua,03060,603-672-4035,James Heedles
09/28/96,A,Newport,03773,603-542-4906,Leigh A Damren, WB1EAE
10/17/96,A,Salem,03079,603-434-4490,Denise Cabana
10/19/96,A,Rochester,03867,603-742-0130,William Dodge

NEW JERSEY
08/20/96,A,Essex Fells,07932,201-377-4776,Ken Roser
08/22/96,5,Bellmawr,08099,609-939-3032,William O'Donnell
08/24/96,A,Dennisville,08214,609-884-8117,John Chester AA2TZ
09/02/96,A,Sayreville,08872,908-754-5800,Larry Makoski
09/04/96,5,Paterson,07072,201 935 4840,John Chooljian
09/11/96,A,Fort Monmouth,07703,908-532-5354,Gerald Silverman
09/14/96,A,Cranford,07016,908-283-2795,Gerald Miller
09/17/96,A,Essex Fells,07932,201-377-4776,Ken Roser
09/19/96,5,Bellmawr,08099,609-939-3032,William O'Donnell
09/28/96,A,Dennisville,08214,609-884-8117,John Chester AA2TZ
09/28/96,A,Raritan,08869,908-968-6911,Marty Ficke KD2QK
10/01/96,A,Westfield,07091,908-704-9700,Steve Ostrove
10/07/96,A,Sayreville,08872,908-754-5800,Larry Makoski
10/09/96,A,Fort Monmouth,07703,908-532-5354,Gerald Silverman
10/12/96,A,Cranford,07016,908-283-2795,Gerald Miller
10/15/96,A,Essex Fells,07932,201-377-4776,Ken Roser
10/17/96,5,Bellmawr,08099,609-939-3032,William O'Donnell
10/19/96,A,Jackson,08527,908-270-2625,John Glowacki
10/26/96,A,Dennisville,08214,609-884-8117,John Chester AA2TZ
11/04/96,A,Sayreville,08872,908-754-5800,Larry Makoski
11/09/96,A,Cranford,07016,908-283-2795,Gerald Miller
11/13/96,A,Fort Monmouth,07703,908-532-5354,Gerald Silverman
11/14/96,5,Paterson,07072,201 935 4840,John Chooljian
11/19/96,A,Essex Fells,07932,201-377-4776,Ken Roser
11/21/96,5,Bellmawr,08099,609-939-3032,William O'Donnell

NEW MEXICO
08/31/96,A,Alamogordo,88310,505-439-8349,James I Patton
09/17/96,A,Los Alamos,87544,505-662-9155,James S Griffiths, KB3EI
09/21/96,A,Las Cruces,88005,505-527-1693,Bill Klein
11/09/96,5,Albuquerque,87110,505-299-4128,Peter De Wolf
11/19/96,A,White Rock,87544,505-672-1007,Michael E Smith
11/21/96,A,Los Alamos,87544,505-662-9155,James S Griffiths, KB3EI

NEVADA
09/05/96,A,Jackpot,89825,208-423-4595,Dan Etherington KI7CC
09/07/96,A,Henderson,89015,702-565-0242,Janet Welsh
09/13/96,A,Tonopah,89049,702-482-9860,Lou Purdy KJ7HE
09/21/96,A,Minden,89423,702-265-4278,George S Uebele
10/05/96,A,Henderson,89015,702-565-0242,Janet Welsh
10/19/96,A,Reno,89502,702-826-0329,Jesse L Bond
11/02/96,A,Henderson,89015,702-565-0242,Janet Welsh
11/16/96,A,Minden,89423,702-265-4278,George S Uebele

NEW YORK
08/21/96,A,Schenectady,12308,518-399-1793,Charlie Haynes KA2VNP
08/24/96,A,Blue Point,11743,516-224-7114,Leonard Buonaiuto
08/25/96,A,N Lindenhurst,11757,516-422-9684,Tom Carrubba KA2DFO
08/25/96,A,Suffern,10970,914-357-0712,Steve Koeper, KF2JA
08/28/96,A,Troy,12180,518-439-7357,Nels Williams, WB2SBO
09/01/96,A,Yonkers,10710,914-237-5589,Emily Maytan AC2V
09/05/96,5,Camillus,13031,315-468-2540,John M Patchett II
09/05/96,5,Rochester,14620,716-621-7678,Mike Eeckhout
09/06/96,A,Oriskany,13424,315-732-7078,Richard Roberts KB2HGM
09/07/96,A,Islip,11751,516-234-0589,Addison Levi
09/09/96,A,Schenectady,12304,518-399-1793,Charles Haynes, KA2VNP
09/10/96,5,Hicksville,11725,516-499-2214,Robert Wexelbaum
09/10/96,A,Pomona,10970,914-357-0712,Steve Koeper
09/14/96,5,Arcade,14437,716-335-3804,Barbara Weirich
09/14/96,A,Modena,12548,914-566-0936,Dan Conna
09/15/96,A,St Albans,11412,718-981-8876,Gwen (Vikki) Neal
09/16/96,A,New York,10025,212-854-3754,Alan Crosswell N2YGK
09/17/96,5,Pelham,10803,914-738-5775,Mike Ciferri
09/20/96,5,Verona,13478,315-853-8974,Leonard Popyack
09/21/96,A,Huntington,11743,516-266-3192,Joseph Coffield
09/21/96,A,Kingston,12401,914-876-2963,Robert Micrie KY2J
09/21/96,A,Plattsburg,12901,518-873-2189,Leslie Schmarder
09/22/96,A,N Lindenhurst,11757,516-422-9684,Tom Carrubba KA2DFO
09/22/96,A,Suffern,10970,914-357-0712,Steve Koeper, KF2JA
09/22/96,A,Yonkers,10704,914-969-1053,Otto Supliski
09/25/96,A,Troy,12180,518-439-7357,Nels Williams, WB2SBO
09/28/96,A,Blue Point,11743,516-224-7114,Leonard Buonaiuto
09/28/96,A,Carmel,10512,914-736-0368,Malcom G Pritchard
09/28/96,A,Jamestown,14701,716-483-3365,Randall Bargar
09/28/96,5,Rochester,14623,716-334-1533,George Platteter
09/28/96,A,White Plains,10601,914-285-3029,Sandy Fried
09/29/96,A,Albany,12208,518-355-9632,Stanley H Israel
09/30/96,A,New York,10023,212-456-5224,Jerry Cudmore
10/03/96,5,Camillus,13031,315-468-2540,John M Patchett II
10/03/96,5,Rochester,14620,716-621-7678,Mike Eeckhout
10/04/96,A,Oriskany,13424,315-732-7078,Richard Roberts KB2HGM
10/05/96,A,Islip,11751,516-234-0589,Addison Levi
10/06/96,A,Yonkers,10710,914-237-5589,Emily Maytan AC2V
10/07/96,A,Schenectady,12304,518-399-1793,Charles Haynes, KA2VNP
10/08/96,5,Hicksville,11725,516-499-2214,Robert Wexelbaum

10/08/96,A,Pomona,10970,914-357-0712,Steve Koeper
10/10/96,A,White Plains,10601,914-285-3029,Sandy Fried
10/12/96,5,Arcade,14437,716-335-3804,Barbara Weirich
10/12/96,A,Troy,12180,518-439-7357,Nels Williams, WB2SBO
10/18/96,A,Southold,11971,516-323-3646,Ralph Williams
10/18/96,5,Verona,13478,315-853-8974,Leonard Popyack
10/19/96,A,Huntington,11743,516-266-3192,Joseph Coffield
10/19/96,5,Rochester,14623,716-334-1533,George Platteter
10/20/96,A,Melville,11747,516-732-0037,George Martin
10/20/96,A,Suffern,10970,914-357-0712,Steve Koeper, KF2JA
10/21/96,A,New York,10025,212-854-3754,Alan Crosswell N2YGK
10/26/96,A,Bath,14810,607-569-2353,James White, KV2W
10/26/96,A,Blue Point,11743,516-224-7114,Leonard Buonaiuto
10/27/96,A,N Lindenhurst,11757,516-422-9684,Tom Carrubba KA2DFO
10/28/96,A,New York,10023,212-456-5224,Jerry Cudmore
11/01/96,A,Oriskany,13424,315-732-7078,Richard Roberts KB2HGM
11/02/96,A,Islip,11751,516-234-0589,Addison Levi
11/03/96,A,Yonkers,10710,914-237-5589,Emily Maytan AC2V
11/07/96,5,Camillus,13031,315-468-2540,John M Patchett II
11/07/96,5,Rochester,14620,716-621-7678,Mike Eeckhout
11/09/96,5,Arcade,14437,716-335-3804,Barbara Weirich
11/09/96,A,Troy,12180,518-439-7357,Nels Williams, WB2SBO
11/10/96,5,Bronx,10454,718-993-3269,Ruben Alala
11/12/96,5,Hicksville,11725,516-499-2214,Robert Wexelbaum
11/12/96,A,Pomona,10970,914-357-0712,Steve Koeper
11/15/96,5,Verona,13478,315-853-8974,Leonard Popyack
11/16/96,A,Huntington,11743,516-266-3192,Joseph Coffield
11/16/96,A,Modena,12548,914-566-0936,Dan Conna
11/16/96,5,Rochester,14623,716-334-1533,George Platteter
11/18/96,A,New York,10025,212-854-3754,Alan Crosswell N2YGK
11/18/96,A,New York,10023,212-456-5224,Jerry Cudmore
11/19/96,5,Pelham,10803,914-738-5775,Mike Ciferri
11/20/96,A,Schenectady,12308,518-399-1793,Charlie Haynes KA2VNP
11/23/96,A,Blue Point,11743,516-224-7114,Leonard Buonaiuto
11/24/96,A,N Lindenhurst,11757,516-422-9684,Tom Carrubba KA2DFO
11/24/96,A,Suffern,10970,914-357-0712,Steve Koeper, KF2JA

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08/21/96,5,Martins Ferry,43940,614-676-3056,Allan Olexa
08/21/96,5,Middletown,45042,513 423 5893,Donald Viel
08/24/96,A,Delta,43515,419-826-7401,Tom Copeland N8MAV
08/25/96,A,Millersburg,44654,216-359-5527,Rose Emick KB8RQU
08/25/96,A,Pandora,45877,419-695-2247,Jim Knebel
08/31/96,A,Canton,44705,216-837-2927,Gary Kline
08/31/96,A,Greenville,45331,513-548-3010,Leon Harshbarger N8QAL
09/03/96,A,Canfield,44515,216-799-6832,Frank L Mc Cormick
09/07/96,A,Cincinnati,45216,513-891-7556,Herbert C Blasberg
09/07/96,A,Colerain,43916,614-546-3930,Ralph A McDonough
09/08/96,A,Independence,44131,216-642-1399,Gary Dewey
09/09/96,5,Findlay,45839,419-423-1339,Fred Laube

09/14/96,A,Indian Springs,45011,513-868-7012,Ted Wilson
09/14/96,A,Maumee,43537,419-693-3023,Ross H Mergenthaler
09/14/96,A,Proctorville,45669,614-894-5541,James Brown KA8ZZI
09/14/96,A,Van Wert,45891,419-795-5763,Robert E High
09/14/96,A,Westerville,43081,614-861-6916,William Tabor, K8NIO
09/19/96,A,Youngstown,44502,216-534-1394,James Viele
09/21/96,A,Beavercreek,45432,513-426-6699,Francis Swope
09/21/96,5,Portsmouth,45657,614-372-5811,Jack King
09/28/96,A,Akron,44319,216-336-7975,John Riding KB8UHV
09/28/96,A,Cincinnati,45216,513-574-1653,James Reilly
09/28/96,A,Delta,43515,419-826-7401,Tom Copeland N8MAV
09/28/96,A,Hubbard,44425,216-534-1394,James Viele
09/28/96,A,Mount Vernon,43050,614-625-5504,Michael W White
09/28/96,A,Springfield,45506,513-324-0613,Tim Boldman
09/29/96,A,Cleveland,44135,216-433-5643,Nancy Rabel Hall
09/29/96,A,Coshocton,43812,614-623-0413,Hawood Giles, AA8UW
10/01/96,A,Canfield,44515,216-799-6832,Frank L Mc Cormick
10/05/96,A,Cincinnati,45216,513-891-7556,Herbert C Blasberg
10/05/96,A,Mentor,44060,216-256-0320,R Scott Farnham
10/06/96,A,Eaton,45320,513-456-3229,Jeffry Blackmon
10/09/96,5,Middletown,45042,513 423 5893,Donald Viel
10/12/96,5,Findlay,45839,419-423-1339,Fred Laube
10/12/96,A,Georgetown,45121,513-734-7321,Raymond Day
10/12/96,A,Indian Springs,45011,513-868-7012,Ted Wilson
10/12/96,A,Maumee,43537,419-693-3023,Ross H Mergenthaler
10/12/96,5,Van Wert,45891,419-795-5763,Robert E High
10/16/96,5,Martins Ferry,43940,614-676-3056,Allan Olexa
10/19/96,A,Greenville,45331,513-548-3010,Leon Harshbarger N8QAL
10/19/96,A,Mansfield,44903,419-524-1105,Scott Yonally KC8SS
10/20/96,A,Lancaster,43130,614-654-8167,Allen Sellers
10/26/96,A,Delta,43515,419-826-7401,Tom Copeland N8MAV
11/02/96,A,Cincinnati,45216,513-891-7556,Herbert C Blasberg
11/03/96,A,Eaton,45320,513-456-3229,Jeffry Blackmon
11/03/96,A,Marion,43302,614-499-3565,Stephen Eckard
11/04/96,A,Akron,44314,216-733-4495,Paul Davis K8NQT
11/05/96,A,Canfield,44515,216-799-6832,Frank L Mc Cormick
11/09/96,A,Indian Springs,45011,513-868-7012,Ted Wilson
11/09/96,A,Maumee,43537,419-693-3023,Ross H Mergenthaler
11/09/96,A,Proctorville,45669,614-894-5541,James Brown KA8ZZI
11/09/96,A,Van Wert,45891,419-795-5763,Robert E High
11/09/96,A,Westerville,43081,614-861-6916,William Tabor, K8NIO
11/10/96,A,Independence,44131,216-642-1399,Gary Dewey
11/16/96,5,Portsmouth,45657,614-372-5811,Jack King
11/21/96,A,Youngstown,44502,216-534-1394,James Viele
11/23/96,A,Delta,43515,419-826-7401,Tom Copeland N8MAV
11/24/96,A,Millersburg,44654,216-359-5527,Rose Emick KB8RQU

OKLAHOMA
08/19/96,5,Oklahoma City,73008,405-789-8535,William Wolfenbarger
08/20/96,A,Miami,74354,918-542-7142,Gary Sherard

08/22/96,A,Tulsa,74106,918-627-0392,Georgia McReynolds
08/27/96,A,Altus,73521,405-266-3357,George Mteyko
08/27/96,5,Duncan,73505,405-353-5722,Jim Arterberry
08/27/96,5,Okmulgee,74447,918-756-4749,Ray Stewart
08/27/96,5,Shawnee,74801,405-275-3935,James Drummond
08/31/96,5,Catoosa,74011,918-455-6208,Don Feigel WD5EHU
09/07/96,A,Broken Arrow,74012,918-251-3449,Sam Morris
09/07/96,A,Vinita,74301,918-256-2297,Bill Koon
09/08/96,5,Stillwater,54077,405-377-7586,Kenneth Case
09/14/96,5,Hugo,74743,405-326-2448,Garry Parker
09/14/96,A,Norman,73069,405-329-1681,John Copeland
09/16/96,5,Oklahoma City,73008,405-789-8535,William Wolfenbarger
09/17/96,A,Miami,74354,918-542-7142,Gary Sherard
09/20/96,5,Pawhuska,74050,918-287-3665,Jack Chidester
09/24/96,A,Altus,73521,405-266-3357,George Mteyko
09/24/96,5,Duncan,73505,405-353-5722,Jim Arterberry
09/24/96,5,Okmulgee,74447,918-756-4749,Ray Stewart
09/24/96,5,Shawnee,74801,405-275-3935,James Drummond
09/28/96,5,Catoosa,74011,918-455-6208,Don Feigel WD5EHU
09/28/96,5,Marlow,73055,405-658-5422,Donald B Green
09/28/96,A,Tulsa,74129,918-743-2517,Wayne Rumley II
09/29/96,A,Tulsa,74129,918-743-2517,Wayne Rumley II
10/05/96,A,Broken Arrow,74012,918-251-3449,Sam Morris
10/05/96,A,Ponca City,74631,405-762-1966,Mark E Byard
10/12/96,5,Hugo,74743,405-326-2448,Garry Parker
10/12/96,A,Norman,73069,405-329-1681,John Copeland
10/15/96,A,Miami,74354,918-542-7142,Gary Sherard
10/18/96,5,Pawhuska,74050,918-287-3665,Jack Chidester
10/21/96,5,Oklahoma City,73008,405-789-8535,William Wolfenbarger
10/22/96,A,Altus,73521,405-266-3357,George Mteyko
10/22/96,5,Duncan,73505,405-353-5722,Jim Arterberry
10/22/96,5,Okmulgee,74447,918-756-4749,Ray Stewart
10/22/96,5,Shawnee,74801,405-275-3935,James Drummond
10/26/96,5,Catoosa,74011,918-455-6208,Don Feigel WD5EHU
11/02/96,A,Broken Arrow,74012,918-251-3449,Sam Morris
11/09/96,5,Hugo,74743,405-326-2448,Garry Parker
11/09/96,A,Norman,73069,405-329-1681,John Copeland
11/10/96,5,Stillwater,54077,405-377-7586,Kenneth Case
11/15/96,5,Pawhuska,74050,918-287-3665,Jack Chidester
11/18/96,5,Oklahoma City,73008,405-789-8535,William Wolfenbarger
11/19/96,A,Miami,74354,918-542-7142,Gary Sherard

OREGON
08/19/96,5,Medford,97501,541-772-6865,Dale Trautman
08/20/96,A,Newberg,97132,503-538-7109,Charlie Hindman KG7JR
08/25/96,A,Portland,97075,503-626-7399,John Mackey
09/08/96,A,Portland,97075,503-626-7399,John Mackey
09/11/96,A,Roseburg,97470,503-672-7564,Anne Wolfe
09/13/96,5,Grants Pass,97526,541-474-0205,Clyde Little
09/18/96,S,Florence,97439,503-997-2323,Hal Lock N7NNA

09/21/96,A,Newport,97365,503-563-3866,Philip Smith
09/22/96,A,Portland,97075,503-626-7399,John Mackey
09/28/96,A,Eugene,97405,541-935-2518,Bary Foster AA7LE
09/28/96,A,Klamath Falls,97601,503-883-1737,Brad Carder
10/05/96,5,Brookings,97415,541-469-7029,Arlon Helms
10/05/96,5,Lincoln City,97367,541-994-3113,Carl Schmauder
10/09/96,5,Pendleton,97813,541-566-3597,Michael Duffy
10/09/96,A,Roseburg,97470,503-672-5884,Melvin R Trammell
10/09/96,A,Roseburg,97470,503-672-7564,Anne Wolfe
10/13/96,A,Portland,97216,503-642-5803,Edith Litvin
10/13/96,A,Portland,97075,503-626-7399,John Mackey
10/15/96,A,Newberg,97132,503-538-7109,Charlie Hindman KG7JR
10/19/96,A,Medford,97501,541-878-3433,Paul Miller
10/19/96,A,Newport,97365,503-563-3866,Philip Smith
10/27/96,A,Portland,97075,503-626-7399,John Mackey
11/09/96,A,Albany,97321,503-838-4865,Alesa M Nason KA7UGQ
11/10/96,A,Portland,97075,503-626-7399,John Mackey
11/13/96,A,Roseburg,97470,503-672-7564,Anne Wolfe
11/16/96,A,Newport,97365,503-563-3866,Philip Smith
11/20/96,S,Florence,97439,503-997-2323,Hal Lock N7NNA
11/24/96,A,Portland,97075,503-626-7399,John Mackey

PENNSYLVANIA
08/19/96,A,Telford,18969,215-679-5764,Warren Erdman
08/22/96,5,New Castle,16112,412-667-9451,Fred Van Natten
08/26/96,A,Myerstown,17067,717-933-8883,David N Brubacker
08/28/96,A,Matamoras,18336,914-856-0426,Ray Rothstein AA2WC
08/31/96,A,Pittsburgh,15326,412-885-8073,Dennis Tanner
09/05/96,5,Levittown,19067,215-946-1040,David Heller
09/05/96,A,Philadelphia,19103,215-482-0386,William E Rhoads Sr
09/06/96,A,Nazareth,18064,215-820-0944,Robin C Moseley
09/07/96,A,Bristol,19001,215-943-4886,George LeNoir Jr
09/07/96,A,Erie,16505,814-665-9124,Norma Vanderhoff
09/11/96,A,Scranton,18508,717-342-8591,Art Sposto
09/12/96,5,Ambridge,15010,412-846-2667,Mike Emerling
09/14/96,A,Erie,16505,814-665-9124,Norma Vanderhoff
09/14/96,5,N Huntington,15022,412-483-7135,Ricardo Morales
09/14/96,A,New Castle,16102,412-667-1166,Gary Pirkkala
09/15/96,5,Norristown,19401,610-279-1897,Raymond Patton
09/15/96,A,UnionTown,15401,412-246-2870,John Cermak
09/16/96,A,Oakdale,15071,412-833-6049,Mark Strayer KE3JA
09/16/96,A,Telford,18969,215-679-5764,Warren Erdman
09/19/96,A,East Stroudsburg,18301,717-424-0945,Dave Haney
09/21/96,5,Elco,15483,412-751-4373,Charles Furlong
09/21/96,A,Ephrata,17522,717-626-2623,Joseph Lerman
09/21/96,A,Honesdale,18431,717-253-5201,Vincent J Banville
09/21/96,A,Levittown,19057,215-547-6346,Lorraine Hoffmaster N3MAC
09/25/96,A,Matamoras,18336,914-856-0426,Ray Rothstein AA2WC
09/25/96,A,Warminster,18974,215-343-3494,Tom Michaud
09/26/96,5,New Castle,16112,412-667-9451,Fred Van Natten

09/28/96,A,Erie,16541,814-734-4260,Dr John J Duda
09/28/96,A,Greensburg,15601,412-523-4261,Richard Beaver
09/28/96,5,Media,19086,610-565-8477,Jim Goldman
09/28/96,A,Middletown,17057,717-944-5037,Michael Kalbaugh N3HLK
09/28/96,A,Pittsburgh,15326,412-885-8073,Dennis Tanner
10/03/96,5,Levittown,19067,215-946-1040,David Heller
10/03/96,A,Philadelphia,19103,215-482-0386,William E Rhoads Sr
10/04/96,A,Nazareth,18064,215-820-0944,Robin C Moseley
10/05/96,A,Bristol,19001,215-943-4886,George LeNoir Jr
10/05/96,A,Erie,16505,814-665-9124,Norma Vanderhoff
10/05/96,5,New Eagle,15037,412_751_4373,William Cioccio
10/05/96,A,Pittsburgh,15226,412-563-2379,Jim Cottrill
10/09/96,L,Scranton,18510,717-342-8591,Art Sposto
10/10/96,5,Ambridge,15010,412-846-2667,Mike Emerling
10/12/96,5,N Huntington,15022,412-483-7135,Ricardo Morales
10/12/96,A,New Castle,16102,412-667-1166,Gary Pirkkala
10/12/96,A,New Kensington,15068,412-351-1562,Louis H Zimmerman
10/12/96,A,Shrewsbury,17361,717-235-0273,Carol Kirschman
10/17/96,A,East Stroudsburg,18301,717-424-0945,Dave Haney
10/17/96,5,Philipsburg,16866,814-342-0696,David Runk
10/17/96,A,Pittsburgh,15228,412-922-1257,Ronald E Lentz
10/19/96,5,Elco,15483,412-751-4373,Charles Furlong
10/19/96,A,Erie,16541,814-734-4260,Dr John J Duda
10/20/96,5,Norristown,19401,610-279-1897,Raymond Patton
10/21/96,A,Telford,18969,215-679-5764,Warren Erdman
10/24/96,5,New Castle,16112,412-667-9451,Fred Van Natten
10/26/96,A,Indiana,15701,412-479-8117,Paul Williams NY3T
10/26/96,A,Reading,19607,215-678-8976,Harry Hoffman
10/30/96,A,Matamoras,18336,914-856-0426,Ray Rothstein AA2WC
11/02/96,A,Bristol,19001,215-943-4886,George LeNoir Jr
11/02/96,A,Erie,16505,814-665-9124,Norma Vanderhoff
11/02/96,A,Honesdale,18431,717-253-5201,Vincent J Banville
11/02/96,A,Tamaqua,18252,717-668-3098,Allen R Breiner Sr W3TI
11/07/96,5,Levittown,19067,215-946-1040,David Heller
11/07/96,A,Philadelphia,19103,215-482-0386,William E Rhoads Sr
11/08/96,A,Nazareth,18064,215-820-0944,Robin C Moseley
11/09/96,A,Butler,16001,412-282-6777,Gerald Wetzel
11/09/96,5,N Huntington,15022,412-483-7135,Ricardo Morales
11/09/96,A,New Castle,16102,412-667-1166,Gary Pirkkala
11/13/96,A,Scranton,18508,717-342-8591,Art Sposto
11/14/96,5,Ambridge,15010,412-846-2667,Mike Emerling
11/16/96,5,Elco,15483,412-751-4373,Charles Furlong
11/16/96,A,Ephrata,17522,717-626-2623,Joseph Lerman
11/16/96,A,Erie,16541,814-734-4260,Dr John J Duda
11/17/96,5,Norristown,19401,610-279-1897,Raymond Patton
11/18/96,A,Telford,18969,215-679-5764,Warren Erdman
11/21/96,A,East Stroudsburg,18301,717-424-0945,Dave Haney
11/21/96,5,New Castle,16112,412-667-9451,Fred Van Natten
11/23/96,A,Pittsburgh,15326,412-885-8073,Dennis Tanner

RHODE ISLAND
08/31/96,A,Slatersville,02864,401-333-2129,Robert Beaudet
09/08/96,A,East Providence,02916,508-761-5296,Paul Prew NZ1P
09/08/96,A,East Providence,02914,508-761-5296,Paul Prew
09/12/96,A,Providence,02910,401-231-9156,Judy Nelson, KC1RI
09/28/96,A,Slatersville,02864,401-333-2129,Robert Beaudet
10/10/96,A,Providence,02910,401-231-9156,Judy Nelson, KC1RI
10/26/96,A,Slatersville,02864,401-333-2129,Robert Beaudet
11/03/96,A,East Providence,02916,508-761-5296,Paul Prew NZ1P
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09/07/96,W,Greenville,29602,803-967-0001,Sue Chism
09/21/96,5,Charleston,29149,803-871-4368,Cyrus E Frank
09/21/96,W,Sumter,29150,803-775-9106,Dan Mask
10/05/96,W,Greenville,29602,803-967-0001,Sue Chism
10/08/96,W,Spartanburg,29302,803-576-5566,H Peter Theiler
10/19/96,A,Charleston,29149,803-871-4368,Cyrus E Frank
10/19/96,W,Columbia,29036,803-345-3373,Ray Rogers
11/02/96,W,Greenville,29602,803-967-0001,Sue Chism
11/16/96,5,Charleston,29149,803-871-4368,Cyrus E Frank
11/16/96,W,Sumter,29150,803-775-9106,Dan Mask

SOUTH DAKOTA
09/14/96,A,Rapid City,57701,605-348-6564,Neal @ DAY 605-394-1298

TENNESSEE
08/21/96,5,Trenton,38316,901-742-3302,Lou E Parker
08/25/96,5,Clarksville,37042,615-552-6746,B C Cash
08/25/96,A,Sparta,38583,615-761-5007,Charles A Nielsen
08/29/96,5,Bristol,37620,423-968-3350,William Owen
08/31/96,W,Paris,38251,901-247-5489,Mackie Gallimore
08/31/96,W,Rosemark,38053,901-829-3712,Walter R Heald
09/06/96,A,Chattanooga,37403,615-886-4714,Arthur W Parry, Jr
09/07/96,A,Oak Ridge,37830,615-531-9432,Charlie Davis
09/08/96,W,Jasper,37347,615-942-5116,Charles Wooten
09/09/96,W,Athens,37331,423-263-9300,Evan Ray
09/10/96,A,Bartlett,38133,901-366-9722,Joan Thorne
09/14/96,A,Nashville,37214,615-824-7216,Murray G Jones, K4ANH
09/17/96,5,East View,38339,901-239-8629,Robert Smith
09/21/96,W,Greeneville,37743,615-639-6495,Abner Richards
09/21/96,W,Knoxville,37918,423-688-7771,Ray Adams
09/21/96,5,Trenton,38316,901-742-3302,Lou E Parker
09/22/96,A,Sparta,38583,615-761-5007,Charles A Nielsen
09/25/96,W,Morristown,37814,423-429-1403,Tom Parm KS4HH
09/26/96,5,Bristol,37620,423-968-3350,William Owen
09/28/96,A,Murfreesboro,37130,615-896-3668,Michael Boyea
09/29/96,5,Clarksville,37042,615-552-6746,B C Cash
09/29/96,A,Collegedale,37315,615-476-9466,Francis Dean Saunders
10/04/96,A,Chattanooga,37403,615-886-4714,Arthur W Parry, Jr
10/05/96,W,Atoka,38053,901-829-3712,Walter R Heald
10/05/96,A,Oak Ridge,37830,615-531-9432,Charlie Davis

10/08/96,A,Bartlett,38133,901-366-9722,Joan Thorne
10/12/96,A,Murfreesboro,37130,615-896-3668,Michael Boyea
10/12/96,W,Paris,38251,901-247-5489,Mackie Gallimore
10/13/96,W,Jasper,37347,615-942-5116,Charles Wooten
10/14/96,W,Maryville,37804,423-982-5839,Carroll Peabody
10/19/96,W,Knoxville,37918,423-688-7771,Ray Adams
10/27/96,5,Clarksville,37042,615-552-6746,B C Cash
10/27/96,A,Lebanon,37087,615-444-0429,Jared Chaffin
10/27/96,A,Sparta,38583,615-761-5007,Charles A Nielsen
10/31/96,5,Bristol,37620,423-968-3350,William Owen
11/02/96,A,Oak Ridge,37830,615-531-9432,Charlie Davis
11/02/96,5,Trenton,38316,901-742-3302,Lou E Parker
11/03/96,W,Gallatin,37066,615-452-0883,Ronnie L Gilley
11/10/96,W,Jasper,37347,615-942-5116,Charles Wooten
11/11/96,W,Athens,37331,423-263-9300,Evan Ray
11/12/96,A,Bartlett,38133,901-366-9722,Joan Thorne
11/16/96,W,Knoxville,37918,423-688-7771,Ray Adams
11/19/96,5,East View,38339,901-239-8629,Robert Smith
11/23/96,W,Greeneville,37743,615-639-6495,Abner Richards
11/23/96,W,Paris,38251,901-247-5489,Mackie Gallimore
11/24/96,5,Clarksville,37042,615-552-6746,B C Cash
11/24/96,A,Sparta,38583,615-761-5007,Charles A Nielsen

TEXAS
08/22/96,5,Fort Worth,76140,817-293-6745,Ted Richard
08/22/96,A,Garland,75040,214-475-9407,W. H. (Bill) Reynolds
08/24/96,A,Bryan,77840,409-764-7340,Gail Pate N5XNV
08/24/96,5,Copperas Cove,76522,817-547-4610,John Easler
08/24/96,A,Dallas,75243,214-997-6282,Bill Warner
08/24/96,5,Ennis,75119,214-875-9435,Joseph Spillers
08/24/96,A,Gainsville,76420,817-665-6289,William J Williams
08/24/96,A,Paris,75460,903-737-8562,Tommy Shoulders
08/24/96,A,Pharr,78577,210-702-7938,Maggie Villareal KC5NLO
08/24/96,A,Sour Lake,77659,409-840-9208,John Uttinger AC5AI
08/26/96,5,Jacksonville,75785,903-683-5451,George Winship
08/27/96,A,Sherman,75090,903-786-2644,J. Still
08/31/96,A,Houston,77091,713-931-9427,Charles W Hobley
08/31/96,A,San Antonio,78207,210-433-1714,Armando Aguirre
09/01/96,A,McKinney,75069,214-734-6309,Jim Moore
09/03/96,5,Amarillo,79109,806-353-7944,George Riley
09/05/96,A,Boerne,78006,210-249-3168,Larry E Becker
09/05/96,A,Hurst,76053,817-268-5206,E C Dorsey
09/06/96,5,Longview,75604,903-759-2160,James Nix
09/07/96,A,Nederland,77627,409-736-2542,A C Randle IV
09/07/96,A,San Antonio,78223,210-635-7384,Dianna VanBlaricum
09/07/96,5,San Antonio,78223,210-635-7384,Jerry VanBlaricum
09/10/96,5,Desoto,75116,214-298-6628,Johnny Roberson
09/10/96,A,Houston,77036,713-682-6897,Cass Germany
09/12/96,5,Fort Worth,76140,817-293-6745,Ted Richard
09/12/96,A,Houston,77003,713-738-1584,Frank J Laugermann Jr

09/12/96,A,Mesquite,75150,214-564-4210,Phillip Elery
09/13/96,A,Waco,76709,817-859-5374,Alma P Lang AB5BA
09/14/96,5,Arlington,76016,817-572-6511,Ron Land
09/14/96,5,Dallas,75235,214-350-9492,Larry Herring WR3J
09/14/96,5,Dayton,77535,409-258-9462,Jerry McDonald
09/14/96,A,Houston,77062,713-486-2032,James Heil
09/14/96,A,Midland,79701,915-520-5955,Bryant W Saxon, KD5C
09/14/96,5,Seven Points,75147,905-887-4847,Stuart Wells
09/19/96,A,San Antonio,78232,210-673-8852,Leslie Dale
09/20/96,5,Corsicana,75110,903-872-1773,Gorman Snider
09/20/96,A,Sherman,75090,903-892-0454,Jerry Newcomb, KC5LRY
09/21/96,A,Irving,75062,214-252-8015,William Revis, Jr
09/21/96,5,Plano,75098,214-442-2592,John Scanlan
09/21/96,A,San Antonio,78223,210-635-7384,Dianna VanBlaricum
09/21/96,5,San Antonio,78223,210-635-7384,Jerry VanBlaricum
09/21/96,5,Whitney,76692,817-694-4047,James McQueen
09/23/96,5,Jacksonville,75785,903-683-5451,George Winship
09/26/96,5,Fort Worth,76140,817-293-6745,Ted Richard
09/26/96,A,Garland,75040,214-475-9407,W. H. (Bill) Reynolds
09/28/96,A,Abilene,79602,915-672-8889,Peggy A Richard KA4UPA
09/28/96,A,Cleveland,77327,713-592-2257,Sam Neal
09/28/96,5,Copperas Cove,76522,817-547-4610,John Easler
09/28/96,A,Dallas,75243,214-997-6282,Bill Warner
09/28/96,5,Ennis,75119,214-875-9435,Joseph Spillers
09/28/96,A,Pharr,78577,210-702-7938,Maggie Villareal KC5NLO
09/28/96,A,San Antonio,78207,210-433-1714,Armando Aguirre
09/28/96,A,Sour Lake,77659,409-840-9208,John Uttinger AC5AI
10/03/96,A,Boerne,78006,210-249-3168,Larry E Becker
10/03/96,A,Harlingen,78550,210-631-2852,Greg Sargent
10/03/96,A,Hurst,76053,817-268-5206,E C Dorsey
10/04/96,5,Longview,75604,903-759-2160,James Nix
10/05/96,5,Amarillo,79109,806-353-7944,George Riley
10/05/96,A,Angleton,77156,409-265-6439,Benton P Webb
10/05/96,A,Belton,76513,817-939-7797,Sandy J Neaves
10/05/96,A,Greenville,75401,903-455-0730,William S Fletcher AB5MM
10/05/96,A,Houston,77098,713-558-4932,Lee Gaspard WA5QXE
10/05/96,A,Orange,77630,409-886-7159,Paul Clark
10/05/96,A,San Antonio,78223,210-635-7384,Dianna VanBlaricum
10/05/96,5,San Antonio,78223,210-635-7384,Jerry VanBlaricum
10/06/96,A,McKinney,75069,214-734-6309,Jim Moore
10/08/96,5,Desoto,75116,214-298-6628,Johnny Roberson
10/08/96,A,Houston,77036,713-682-6897,Cass Germany
10/10/96,5,Fort Worth,76140,817-293-6745,Ted Richard
10/10/96,A,Mesquite,75150,214-564-4210,Phillip Elery
10/12/96,5,Arlington,76016,817-572-6511,Ron Land
10/12/96,A,Brownsville,78521,210-546-4779,Bob Austin N5VCG
10/12/96,5,Dallas,75235,214-350-9492,Larry Herring WR3J
10/12/96,5,Dayton,77535,409-258-9462,Jerry McDonald
10/12/96,A,Houston,77062,713-486-2032,James Heil
10/12/96,A,Midland,79701,915-520-5955,Bryant W Saxon, KD5C

10/12/96,5,Seven Points,75147,905-887-4847,Stuart Wells
10/17/96,A,San Antonio,78232,210-673-8852,Leslie Dale
10/18/96,5,Corsicana,75110,903-872-1773,Gorman Snider
10/18/96,A,Sherman,75090,903-892-0454,Jerry Newcomb, KC5LRY
10/19/96,A,El Paso,79924,915-544-5863,Gordon L Howard WD0CDD
10/19/96,A,Grangerland,77302,409-231-3753,Jim Moehle
10/19/96,A,Irving,75062,214-252-8015,William Revis, Jr
10/19/96,5,Plano,75098,214-442-2592,John Scanlan
10/19/96,A,San Antonio,78223,210-635-7384,Dianna VanBlaricum
10/19/96,5,San Antonio,78223,210-635-7384,Jerry VanBlaricum
10/19/96,5,Whitney,76692,817-694-4047,James McQueen
10/20/96,A,El Paso,79924,505-525-2159,Gunnar C Carlson, Jr
10/22/96,A,Sherman,75090,903-786-2644,J. Still
10/24/96,5,Fort Worth,76140,817-293-6745,Ted Richard
10/24/96,A,Garland,75040,214-475-9407,W. H. (Bill) Reynolds
10/26/96,5,Copperas Cove,76522,817-547-4610,John Easler
10/26/96,A,Dallas,75243,214-997-6282,Bill Warner
10/26/96,5,Ennis,75119,214-875-9435,Joseph Spillers
10/26/96,A,Pharr,78577,210-702-7938,Maggie Villareal KC5NLO
10/26/96,A,San Antonio,78207,210-433-1714,Armando Aguirre
10/26/96,A,Sour Lake,77659,409-840-9208,John Uttinger AC5AI
10/28/96,5,Jacksonville,75785,903-683-5451,George Winship
11/01/96,5,Longview,75604,903-759-2160,James Nix
11/02/96,A,Nederland,77627,409-736-2542,A C Randle IV
11/02/96,A,San Antonio,78223,210-635-7384,Dianna VanBlaricum
11/02/96,5,San Antonio,78223,210-635-7384,Jerry VanBlaricum
11/03/96,A,McKinney,75069,214-734-6309,Jim Moore
11/05/96,5,Amarillo,79109,806-353-7944,George Riley
11/07/96,A,Boerne,78006,210-249-3168,Larry E Becker
11/07/96,A,Hurst,76053,817-268-5206,E C Dorsey
11/09/96,5,Arlington,76016,817-572-6511,Ron Land
11/09/96,5,Bay City,77456,409-843-5083,Elwood Gilchrist
11/09/96,5,Dallas,75235,214-350-9492,Larry Herring WR3J
11/09/96,5,Dayton,77535,409-258-9462,Jerry McDonald
11/09/96,A,Houston,77062,713-486-2032,James Heil
11/09/96,A,Midland,79701,915-520-5955,Bryant W Saxon, KD5C
11/09/96,5,Seven Points,75147,905-887-4847,Stuart Wells
11/12/96,5,Desoto,75116,214-298-6628,Johnny Roberson
11/12/96,A,Houston,77036,713-682-6897,Cass Germany
11/14/96,5,Fort Worth,76140,817-293-6745,Ted Richard
11/14/96,A,Houston,77003,713-738-1584,Frank J Laugermann Jr
11/14/96,A,Mesquite,75150,214-564-4210,Phillip Elery
11/15/96,5,Corsicana,75110,903-872-1773,Gorman Snider
11/15/96,A,Sherman,75090,903-892-0454,Jerry Newcomb, KC5LRY
11/16/96,A,Irving,75062,214-252-8015,William Revis, Jr
11/16/96,5,Mission,78572,210-580-1957,Vince Langlois
11/16/96,5,Plano,75098,214-442-2592,John Scanlan
11/16/96,A,San Antonio,78223,210-635-7384,Dianna VanBlaricum
11/16/96,5,San Antonio,78223,210-635-7384,Jerry VanBlaricum
11/16/96,5,Whitney,76692,817-694-4047,James McQueen

11/21/96,A,San Antonio,78232,210-673-8852,Leslie Dale
11/23/96,A,Belton,76513,817-939-7797,Sandy J Neaves
11/23/96,5,Copperas Cove,76522,817-547-4610,John Easler
11/23/96,A,Sour Lake,77659,409-840-9208,John Uttinger AC5AI

UTAH
09/09/96,5,Delta,84624,801-864-5936,Stephen Bowes
10/05/96,A,Salt Lake City,84108,801-582-2438,Gordon R Smith
11/06/96,A,Farmington,84025,801-292-8110,L Brent Thomas
11/11/96,5,Delta,84624,801-864-5936,Stephen Bowes

VIRGINIA
08/31/96,5,Gloucester,23321,804-642-3517,Harry Kepley N4THN
09/07/96,5,Ben Hur,24243,540-546-2323,Charlie Poe
09/12/96,A,Chesapeake,23323,757-421-9598,Pat Phelps KE4URC
09/13/96,A,Galax,24331,540-773-2446,David Roberts
09/15/96,A,Roanoke,24016,540-890-6782,Terrance V Vlug
09/16/96,A,Coeburn,24230,540-395-6595,Clinton W Hawkins, Jr
09/21/96,5,Chester,23831,804-330-0006,Anthony Amato
09/22/96,A,Virginia Beach,23451,804-898-8031,Ed Brummer, W4RTZ
09/28/96,5,Gloucester,23321,804-642-3517,Harry Kepley N4THN
10/05/96,5,Ben Hur,24243,540-546-2323,Charlie Poe
10/05/96,A,Williamsburg,23185,804-566-8015,Mike Conte KD4HYT
10/10/96,A,Chesapeake,23323,757-421-9598,Pat Phelps KE4URC
10/11/96,A,Galax,24331,540-773-2446,David Roberts
10/12/96,A,Harrisonburg,22801,703-434-3133,Brown Snyder N4ZHV
10/12/96,A,Richmond,23228,804-779-3351,Pat Wilson, N0RDQ
10/19/96,5,Chester,23831,804-330-0006,Anthony Amato
10/20/96,A,Roanoke,24016,540-890-6782,Terrance V Vlug
10/26/96,5,Gloucester,23321,804-642-3517,Harry Kepley N4THN
11/02/96,5,Ben Hur,24243,540-546-2323,Charlie Poe
11/02/96,A,Portsmouth,23321,804-484-2857,Arthur A Thiemens
11/08/96,A,Galax,24331,540-773-2446,David Roberts
11/09/96,A,Sterling,20164,703-450-2304,Michael Weber
11/14/96,A,Chesapeake,23323,757-421-9598,Pat Phelps KE4URC
11/17/96,A,Roanoke,24016,540-890-6782,Terrance V Vlug
11/18/96,A,Coeburn,24230,540-395-6595,Clinton W Hawkins, Jr
11/23/96,A,Fredericksburg,22407,540-373-7076,Carolyn or John Cavanagh

VERMONT
08/23/96,5,Essex Jct,05452,802-879-6589,Mitchell Stern
09/13/96,A,Burlington,05401,802-878-6454,Ralph T Stetson III
09/21/96,A,Randolph,05060,802-433-6172,Bob McCorkle
10/27/96,5,Lyndonville,05851,802-626-9028,Al Dilley
11/08/96,A,Burlington,05401,802-878-6454,Ralph T Stetson III

WASHINGTON
08/20/96,5,Auburn,98038,206-432-1594,David Barber
08/22/96,A,Ft Lewis,98433,360-456-5571,Jim Elliott AA7OH
08/24/96,A,Bremerton,98310,360-692-8326,Walt Winters AA7TL
08/24/96,A,Marysville,98270,206-335-5158,Loren Hole

08/28/96,A,Everett,98206,206-387-5805,Dwayne E Broderson
09/05/96,5,Kirkland,98036,206-745-0347,Jim Davis
09/07/96,A,Kent,98032,206-244-2107,B F Antes
09/10/96,A,Tacoma,98405,206-845-7652,Jerry Seligman
09/11/96,A,Auburn,98002,206-351-9939,Stephen M Butler
09/12/96,A,Ft Lewis,98433,360-456-5571,Jim Elliott AA7OH
09/14/96,A,Port Angeles,98362,360-928-9588,Nancy Kramer
09/14/96,A,Tukwila,98125,206-523-9117,Mary E Lewis
09/17/96,5,Auburn,98038,206-432-1594,David Barber
09/21/96,A,Montesano,98563,360-249-4671,Nick Bender
09/21/96,5,Renton,98333,206-549-4062,Jim Christiansen
09/21/96,A,Sultan,98294,206-793-3433,David C Axe
09/25/96,A,Everett,98206,206-387-5805,Dwayne E Broderson
09/26/96,A,Ft Lewis,98433,360-456-5571,Jim Elliott AA7OH
09/28/96,A,Bainbridge Islan,98110,206-842-6946,Garrison Bromwell
09/28/96,A,Bremerton,98310,360-692-8326,Walt Winters AA7TL
09/28/96,A,Marysville,98270,206-335-5158,Loren Hole
09/29/96,A,Bainbridge Islan,98110,206-842-6946,Garrison Bromwell
10/03/96,5,Kirkland,98036,206-745-0347,Jim Davis
10/05/96,5,Ellensburg,98926,509-925-1680,Michael Dunnick
10/05/96,A,Kent,98032,206-244-2107,B F Antes
10/08/96,A,Tacoma,98405,206-845-7652,Jerry Seligman
10/09/96,A,Auburn,98002,206-351-9939,Stephen M Butler
10/10/96,A,Ft Lewis,98433,360-456-5571,Jim Elliott AA7OH
10/12/96,5,Goldendale,98620,509-773-5043,James Nadeau Sr
10/12/96,A,Port Angeles,98362,360-928-9588,Nancy Kramer
10/12/96,A,Tukwila,98125,206-523-9117,Mary E Lewis
10/15/96,5,Auburn,98038,206-432-1594,David Barber
10/19/96,5,Renton,98333,206-549-4062,Jim Christiansen
10/19/96,A,Sultan,98294,206-793-3433,David C Axe
10/23/96,A,Everett,98206,206-387-5805,Dwayne E Broderson
10/24/96,A,Ft Lewis,98433,360-456-5571,Jim Elliott AA7OH
10/26/96,A,Bremerton,98310,360-692-8326,Walt Winters AA7TL
10/26/96,5,Long Beach,98641,360-665-5522,Jim Keightley
10/26/96,A,Marysville,98270,206-335-5158,Loren Hole
11/02/96,A,Kent,98032,206-244-2107,B F Antes
11/07/96,5,Kirkland,98036,206-745-0347,Jim Davis
11/09/96,A,Port Angeles,98362,360-928-9588,Nancy Kramer
11/09/96,A,Tukwila,98125,206-523-9117,Mary E Lewis
11/12/96,A,Tacoma,98405,206-845-7652,Jerry Seligman
11/13/96,A,Auburn,98002,206-351-9939,Stephen M Butler
11/14/96,A,Ft Lewis,98433,360-456-5571,Jim Elliott AA7OH
11/16/96,5,Renton,98333,206-549-4062,Jim Christiansen
11/16/96,A,Sultan,98294,206-793-3433,David C Axe
11/19/96,5,Auburn,98038,206-432-1594,David Barber
11/23/96,A,Bremerton,98310,360-692-8326,Walt Winters AA7TL
11/23/96,A,Marysville,98270,206-335-5158,Loren Hole

WISCONSIN
08/23/96,A,Onalaska,54650,608-526-9413,Karl Simonson KB9EQI

08/24/96,A,Onalaska,54650,608-526-9413,Karl Simonson KB9EQI
08/31/96,A,Hayward,54843,715-634-3826,Leonard Stevens
08/31/96,A,Tomahawk,54487,715-453-3707,Terry Collins
09/07/96,A,Omro,54963,414-235-0987,Richard Lemme
09/07/96,A,Pewaukee,53072,414-691-3089,Rodger Bradley
09/07/96,A,Racine,53405,414-886-8551,Robert N Jensen
09/14/96,A,Appleton,54915,414-759-1167,Larry Siebers
09/14/96,5,Redgranite,54982,414-566-4282,James Cox
09/21/96,A,Onalaska,54650,608-526-9413,Karl Simonson KB9EQI
09/28/96,A,Marinette,54143,906-863-3477,Ed Engleman KG8CX
09/28/96,A,Tomahawk,54487,715-453-3707,Terry Collins
10/12/96,5,Eau Claire,54703,715-834-1303,Carl Searing
10/12/96,5,Redgranite,54982,414-566-4282,James Cox
10/26/96,A,Tomahawk,54487,715-453-3707,Terry Collins
11/02/96,A,Menomonie,54751,715-235-3998,James P Ley
11/02/96,A,Omro,54963,414-235-0987,Richard Lemme
11/02/96,A,Pewaukee,53072,414-691-3089,Rodger Bradley
11/03/96,A,Kaukauna,54130,414-759-1167,Larry Siebers
11/09/96,A,Marshfield,54449,715-389-2256,Robert McDaniel
11/09/96,5,Redgranite,54982,414-566-4282,James Cox

WEST VIRGINIA
08/29/96,A,Morgantown,26506,412-324-9160,Jan L Ditzian
09/01/96,H,Elkins,26241,304-637-0506,Walter Corley
09/01/96,A,Richwood,26261,304-846-4594,D Scott Bucklew
09/12/96,5,Parkersburg,26101,304-485-7777,William McClure
09/14/96,5,Beckley,25827,304-255-5351,Bernard Crump
09/28/96,A,Chapmanville,25508,304-946-2858,Johnny Pack
09/29/96,A,Chapmanville,25508,304-946-2858,Johnny Pack
10/05/96,A,Martinsburg,25401,301-834-8831,Lester M. Reynolds
10/06/96,A,Richwood,26261,304-846-4594,D Scott Bucklew
10/10/96,5,Parkersburg,26101,304-485-7777,William McClure
10/12/96,5,Parkersburg,26142,304-422-1823,Dana Pickens
10/24/96,A,Morgantown,26506,412-324-9160,Jan L Ditzian
11/03/96,H,Elkins,26241,304-637-0506,Walter Corley
11/03/96,A,Richwood,26261,304-846-4594,D Scott Bucklew
11/09/96,5,Bluefield,24701,540-326-3338,Don Williams WA4K
11/09/96,5,Bluefield,24360,540-637-6304,Charles Grim
11/09/96,5,Huntington,45623,614-886-5922,Stephen Hutchison
11/14/96,5,Parkersburg,26101,304-485-7777,William McClure

WYOMING
09/28/96,A,Casper,82601,307-473-7361,Mike Murphy
09/28/96,A,Laramie,82070,307-742-6298,John Escobedo
10/26/96,A,Cheyenne,82001,307-637-8634,Wilson Sellner
11/16/96,A,Cheyenne,82009,307-638-6998,George Anderson

EXAMINATION OPPORTUNITIES OUTSIDE THE UNITED STATES:

GUAM
08/24/96,5,Guam,96912,671-647-4012,Gary Dein

09/15/96,A,Paseo,96910,671-646-7611,Harry Taguchi
10/05/96,5,Guam,96912,671-647-4012,Gary Dein
10/27/96,A,Tamuning,96911,671-647-4012,Gary G Dein NH2G
11/08/96,A,Paseo,96910,671-646-7611,Harry Taguchi
11/16/96,5,Guam,96912,671-647-4012,Gary Dein
11/24/96,A,Paseo,96910,671-646-7611,Harry Taguchi

PUERTO RICO
08/31/96,A,San Juan,00931,809-789-4998,Victor Madera
09/14/96,5,Guayama,78401,809-866-2782,Julian Sanchez Coln
09/21/96,5,San Juan,00931,809-737-3609,Edwin Garcia
09/28/96,A,San Juan,00931,809-789-4998,Victor Madera
10/19/96,5,San Juan,00931,809-737-3609,Edwin Garcia
10/26/96,A,San Juan,00931,809-789-4998,Victor Madera
11/23/96,5,San Juan,00931,809-737-3609,Edwin Garcia

US VIRGIN ISLANDS
10/12/96,A,St Croix,00820,809-778-3156,Frank Jaeger

OTHER AREAS
10/05/96,A,England,00000,01705-371-677,Betty Steed N3TFX
09/07/96,A,Germany,00000,0951-300-8522,Royce L Evans AE4CX
09/14/96,A,Germany,00000,496151-715279,Gunter Jost
09/28/96,A,Germany,00000,352-451022475,Joachim Heyse
11/16/96,A,Germany,00000,495271-37211,Alexandra Raker
09/15/96,A,Japan,00000,6457262,Robert R Tompkins
09/21/96,A,Japan,00000,6457262,Robert R Tompkins
10/13/96,A,JAPAN,00000,81-568-21-09,Yoshihiko Hirano
09/28/96,A,New Zealand,00000,025-782412,Mike Harris
09/29/96,A,New Zealand,00000,025-782412,Mike Harris
10/05/96,5,Panama,00000,507-272-7400,Charlie Harril

*EOF

1254. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4va8uc$ofb@freenet-news.carleton.ca>
Source record: 218615

Jeffrey Herman (jherman@Hawaii.Edu) writes:
> Frank Sved wrote:
>
>> TYPICAL BURTS HAVE NO INTEGRITY, MORAL FIBRE. REMEMBER BURT, THERE ARE
>> THOSE THAT KNOW AND THOSE THAT DO. A/V TEACHERS ARE FAT, UGLY, AND CAN'T
>> KEEP GIRLFRIENDS.
>
> Hi again, Frank,
> I thought you were going to start saving disk space by not sending
> "one liners" anymore? To call someone fat and ugly really isn't in
> keeping with our fine 80-year-old culture, is it?
> Jeff KH2PZ

Do you check this group more than once a week Jeff? Geeeez.

--

Bye for now, Frank Sved (VE3GID) at DG198@freenet.carleton.ca

1255. Morse code tutor with Farnsworth code option

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: cctarch@mail.coast.net
Message-ID: <4va97d$psp@beast.coast.net>
Source record: 218616

http://www.coast.net/SimTel/win3/hamradio.html
ftp://ftp.coast.net/Coast/win3/hamradio/imcpw311.zip
imcpw311.zip Morse code tutor with Farnsworth code option
318329 bytes

IMCPW (International Morse Code Processor for Windows) v3.11 is a Windows 3.1 & 95 compatible program which translates program-generated/user-defined text and text files to Morse code. Code speed is adjustable from 3-50 wpm with a character speed of 10-50 wpm for Farnsworth code. This is an excellent tool for learning and maintaining one's Morse code skills. Includes a comprehensive help facility, a main menu and popup menu, and eleven code practice lessons. It is Fully customizable from the Options menu. A Sound card is not required. Requires 692K of free hard disk.

IMCP has no special setup or configuration. Simply unzip the file, copy the files into a subdirectory of your choice, except for the files HITIME1.VBX and BIVBX11.DLL, which should be copied into the WINDOWS\SYSTEM subdirectory, and set up a Program Group or simply add the IMCP icon (earth.ico) to an existing Program Group.

Once installed, to quickly see how the program works,

o Execute file IMCPW.EXE.
o Click on title screen or wait 8 seconds.
o From main menu, select File|New.
o From main menu, select Translate|Text.

Changes: IMCP now has an adjustable character speed of 10-50 wpm for Farnsworth code. Eleven code practice lessons have been implemented.
Also some minor enhancements were made.

imcpw311.zip replaces imcpw31.zip

See README.WRI or IMCPW.HLP for information about license agreement and registration procedure.

Shareware. Uploaded by the author.
Thomas Lindsay Foster
tlfoster@ix.netcom.com

This program is available for download on our web site, http://www.coast.net in the Software Repository. IT is also available at ftp://ftp.coast.net and all of our mirrors. For further information on the Coast to Coast Software Repository, please send e-mail to cctarch@Coast.NET.

If you have a program you woud like to upload, please send e-mail to
uploads@Coast.NET with a brief description of the program. You will
receive the upload instructions in a few days.

~~~~~~
~ Jenifer L. Burke | E-Mail: cctarch@SimTel.Coast.Net ~
~ Manager: Coast to Coast | Web: http://www.coast.net ~
~ Software Repository (tm) | FTP: ftp://ftp.coast.net ~
~ | ~
~ | "640k ought to be enough for anybody." ~
~ | -- Bill Gates, 1981 ~
~~~~~~

1256. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: n7ory@primenet.com
Message-ID: <4va49e$mgg@nnrp1.news.primenet.com>
Source record: 218617
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

jherman@Hawaii.Edu (Jeffrey Herman) wrote:

>More like a fantasy. I am *very* sorry to read of your loss; statistics

Fantasy? RF is used all the time in medicine. Tell that to the
Chiropractor that totaly screws up 10m with his massaging wand. Uses
RF in the 27-28 MHz band to warm tissue deep inside. Tell that to my
Dentist who used an 'Radio Scapel' to trim back my gums the other day.

>show 1 in 4 women will suffer from that form of cancer. But let's please
>keep emotion out of this ruling. Self-denial that RF cannot cause illness
>will only hurt yourself, but coming on here and stating that to hundreds
>of thousands of folks is irresponsible.

No self denial. It would be irresponsible to keep quiet and bend over
for crap like this. They show proof that it harms, and how, then we
will worry about it. I thought we stopped using 'blood-letting' as a
treatment a long time ago, what they sugguest is the same thing.

'We don't know what it is, or if it is at all, but slit their rists
and let some blood out just in case.'

>Keep your HT at its lowest power setting (not only for health reasons
>but also to comply with Part 97). Use a speaker mic and hold the HT
>at arm's length when transmitting (who cares what that will look like -
>you'll be setting a good example).

Compliance in the face of stupidity is cowardice.

>Be safe,
>Jeff KH2PZ

Ditto..

Rob Neff (N7ORY)

1257. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <4val24$a65@abyss.West.Sun.COM>
Source record: 218618
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

In article <Dw79nv.388@news.hawaii.edu>,
Jeffrey Herman <jherman@Hawaii.Edu> wrote:
>
>Keep your HT at its lowest power setting (not only for health reasons
>but also to comply with Part 97).

When did Part 97 start requiring people to use the lowest power setting all the time? I believe you're referring to 97.313(a), but you're apparently misreading it. 97.313(a) says "An amateur station must use the minimum transmitter power necessary to carry out the desired communications". There is a difference between 'minimum transmitter power' and 'minimum transmitter necessary to carry out the desired communications'.

I don't disagree that minimizing RF exposure is a good thing. I just don't agree with this reading of Part 97. Using the lowest power setting without regard to the ability to carry out communications might be considered 'liddish' by some ;-).

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

1258. F.S. Hoka Code 3

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: sfritts@usit.net
Message-ID: <4vako9$dru@news.usit.net>
Source record: 218619
Cross-posted to:
rec.radio.swap,rec.radio.digital.misc,rec.radio.amateur.misc,rec.radio.misc,rec.radio.amateur.equipment,rec.radio.shortwave

FS Hoka Code 3 with ALL options. Includes Klig. frq guide, all
instructions. Like New

$ 450.00 or BO

Please email as I do not check in too often
sfriits@usit.net
Steve
423-525-0801

1259. Re: B&W BWD 1.8-30 ant. review?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: markbond@world2u.com
Message-ID: <markbond-1908961812290001@news2.new-york.net>
Source record: 218620

In article <4v9qes$9l0@ramp2.tir.com>, Robert
<rcollins@edcen.ehhs.cmich.edu> wrote:

> Hello there,
>
> I have used the B&W 3.5-30 for several years. This is the earlier
> version of the model that you stated. It is a folded dipole. The
> antenna works great and I have made several thousand contacts with it.
> The SWR is fine throughout the bands, without and problems.

I used the B&W 3.5-30 also and was'nt satisfied with it so at one point I
ran a nearly side by side comparison with a G5RV and found the G5RV to
perform consistantly better. The biggest difference was on 80 meters. I
think the biggest benefit of the B&W is it's flat SWR. The two are very
close in length. The B&W was VERY pricey. My recommendation would not be
as glowing...

73 de Mark n2riq

1260. Re: Generators -- Any thoughts?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: frederick.mckenzie-1@kmail.ksc.nasa.gov
Message-ID: <frederick.mckenzie-1-1908961840510001@k4dii.ksc.nasa.gov>
Source record: 218621

In article <4v0uvs$be3@opal.CyberGate.COM>, <> wrote:
> Need to put some stabilizer in the remaining gasoline?

Scott-

You can change the gas in the tank, but it isn't as easy to drain the stuff sitting in the carburetor. (You would need to turn off a fuel valve, and run the engine until it ran out of gas.) I think residual gasoline in the carburetor, is what needs stabilizing most.

I started with a Coleman 2250 generator. It probably would have done all I wanted, but the neighbors got very mad whenever I ran it. I then got a heavy duty B&S muffler, but it was still too loud, and reduced the engine power. Fortunately, K-Mart has a good refund policy.

My vote is for the Honda line. Choose the one that meets your power needs, and it will probably be the quietest one in that class. However, it costs about twice as much. I've had an EX-1000 for a couple of years, and the only problem had been a cross-threaded oil-fill cap.

73, Fred, K4DII

1261. Re: FS: All Ham Bands, Reply to Republican Congress

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: wb5rue@aol.com
Message-ID: <4varrf$9o9@newsbf02.news.aol.com>
Source record: 218622

In article <4uvef2$hrs@ccnet2.ccnet.com>, T E I X E I R A
<teixeira@ccnet.com> writes:

>J
>>You must be a socialist?
>>
>>--
>>CAPMan HF Propagation Prediction Software
>>http://ourworld.compuserve.com/homepages/KU5S
>
>I refuse to be put in to a package like Socialist. It seems that many
people
>don't know the
>difference between a Socailist and a Democrat. But I thank God I am not
a
>Republican.

Is there a real difference between socialist and democrat?
Let's see:
Socialist: Government is in control of everyday life.
Democrat: Government knows best, you can't do it on your own
so we'll pass a law.

Socialist: Everyone is entitled to paid medical coverage.
Democrat: Let's provide free health care.

Socialist: Everyone is entitled to a job at a good (fixed) wage.
Democrat: let's raise the minimum wage by 90 cents.

Socialist: Everyone should be employed somewhere.
Democrat: You have to give THIS person over THAT person because
WE descriminated against THIS person's ancestors.

Socialist: Society (we) are all entitled to a "good" living.
Democrat: Tax the "wealthy" and give it to the poor/non-working
(welfare).

The all seem the same to me. ;)
For the humor impared the above was meant as a joke.
(the basis of much humor is truth)

Kevin, WB5RUE

1262. info wanted on Motorola MT 1000

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: larryf@pacifier.com
Message-ID: <4v8uh9$rp2@news.pacifier.com>
Source record: 218623

I could sure use an owner's manual or some basic instructions on how to use an MT 1000. Thanks in advance KI7RI

--

AMERICAN PIANO & ORGAN TECHNOLOGY
specialist in retrofits for acoustic pianos
email larryf@pacifier.com about
PianoDisc, QuietTime, PianoCD, Pianomation & Disklavier
Check out my homepage http://pacifier.com/~larryf/homepage.html
---

1263. The Burt Challenge

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3219054F.4CE9@ccsnet.com>
Source record: 218624

The one person that responded to "The Burt Challenge"
was a no show this afternoon on 14.345.

A man went to a guts store to get some guts for dinner. He sees a sign
remarking on the quality of guts offered at this particular gut
store. So he asks the butcher: "How much for Engineer guts?"
"3 dollars an ounce."
"How much for teacher guts?"
"4 dollars an ounce."
"How much for ham operator guts?"
"100 dollars an ounce."
"Why is ham operator guts so much more?"
"Do you know how many hams you need to kill to get one ounce of guts?

1264. ARLB053 FCC ISSUED CALLSIGN UPDATE

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: w1aw@arrl.org
Message-ID: <$arlb053.1996@arrl.org>
Source record: 218625
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

```
SB QST @ ARL $ARLB053
ARLB053 FCC ISSUED CALLSIGN UPDATE

ZCZC AG33
QST de W1AW
ARRL Bulletin 53 ARLB053
From ARRL Headquarters
Newington CT August 19, 1996
To all radio amateurs

SB QST ARL ARLB053
ARLB053 FCC ISSUED CALLSIGN UPDATE

The following is a list of the FCC's most recently issued call signs
as of August 1.

District Group A Group B Group C Group D
Extra Advanced Tech/Gen Novice

0 AB0CL KI0DX ++ KB0YDQ
1 AA1QJ KE1FS N1XSM KB1BYX
2 AB2BV KG2HV ++ KB2ZOZ
3 AA3OR KE3XD N3XXK KB3BPN
4 AE4WV KT4UJ ++ KF4LDT
5 AC5JD KM5CH ++ KC5VOO
6 AC6WW KQ6IB ++ KF6FLG
7 AB7RW KJ7ZS ++ KC7SEA
8 AA8XS KG8YE ++ KC8ENT
9 AA9TB KG9HP ++ KB9OEY
N. Mariana Is NH0A AH0AW KH0FA WH0ABF
Guam WH2W AH2DB KH2QT WH2ANR
Johnston ++ ++ ++ ++
Midway ++ ++ ++ ++
Hawaii ++ AH6OT ++ WH6DCN
Kure ++ ++ ++ ++
Amer. Samoa AH8O AH8AH KH8DA WH8ABF
Wake ++ ++ ++ ++
Alaska ++ AL7QQ KL0AH WL7CTW
Virgin Is WP2X KP2CJ NP2JK WP2AIE
Puerto Rico KP3D KP3AG NP3EG WP4NMH

++ All callsigns in this group have been issued in this area.
Newly issued callsigns for these groups/areas are assigned from the
next lower group.
NNNN
```

/EX

1265. Re: License required for CB radio repair

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4v927e$dqt@crash.microserve.net>
Source record: 218626

skerns@mail.talon.net (Steven Kerns) wrote:

>The only transmitters that still requires
>a licensed technician is equipment mounted upon a sea going vessel.

Last I heard, the license was also still required for avionics work.
Yes? No?

73,
Jack WB3U

1266. index for Electric Radio mag?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: bertb@netjava.com
Message-ID: <4vafsk$iuj@news.socketis.net>
Source record: 218627

Anyone have an ascii-text index to aticles in the monthly magazine
Electric Radio? If so, would you please e-mail me a copy. Thank's
/Bert

Bert Burland aka N5TOA / From The Texas Panhandle
EMail-(bertb@netjava.com) Fido-NetMail-(Sysop@1:3825/24)

1267. Re: pizza,autopatch,etc.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: steve <kd6fyk@wco.com>
Message-ID: <32195841.5650@wco.com>
Source record: 218628

Curtis Wheeler wrote:
>
> steve <kd6fyk@wco.com> wrote:
> >i see an accident on the way to work,i call it in on autopatch,i wait
> >for cops and ambulance,help injured people,CALL WORK to say i will be
> >late,give info to cops.ok?
>
> Well...technically no. Unfortunately it still isn't OK. But if I were a
> control op on a machine that had a patch available I might ignore such a
> violation. That would be wrong on my part but in THIS example I'd take
> the heat if any were dished out.
>
> Such a call would still only be in your own and your employer's pecuinary
> interest. It would not be an emergency communication.
>
> Curtis
> KD6ELA / GROL / PP-ASEL

thanks curtis for reply,lucky i'm a control op.on 4 rptrs.
73 steve

1268. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: Steve Wolf <no8m@apk.net>
Message-ID: <3219243F.4100@apk.net>
Source record: 218629
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

>keep emotion out of this ruling. Self-denial that RF cannot cause illness
>will only hurt yourself, but coming on here and stating that to hundreds

Unfortunately, your emotionally charged arguement is all you have to
prove your point that regulation is needed to the level it has been
applied.

It would be much better if we could ignore the people who wanted
to pass laws based on ficticious or emotionally founded fantasies.

Every so often the government does that, goes out on a "jag". They take
some information that is normally quite emotionally charged and use
it to pass laws that far surpass the need.

A good example was the "fact" that 50,000 children a year are abducted
and we needed new laws to stem this tide. They passed a bunch of new
laws, citing the dopey figure, without ever considering that it was
a lie. The laws remain to show how harmful a well-meaning but terribly
misdirected group can do.

--
73,
Steve
Internet: no8m@apk.net
Amateur Radio: no8m@no8m.#neoh.oh.usa.na
MSYS Mail List: msys-request@hamnet.org ('info' for title)

1269. Re: Why We Present a Bad Image of Ham Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4va8r5$oel@freenet-news.carleton.ca>
Source record: 218630

>> \|||/
>> (o o)
>> -----ooO-(_)-Ooo-----
>
> Sheesh.
>
> Jeff KH2PZ / KH6

No Jeff it's bandwidth. What comes thru my phone occupies no space but has a range of frequencies. The range of frequencies is its band-width. I don't know all the crap you've written, I'm too busy working. Your one liners leave you as open as the rest of us.

Don't be so sore. Turn the page. I'm sorry I'm just a working shmuck and don't have the luxury of being a general in your army jeff.

Anyhow, what you started saying was intelligent and then wooooooof off to la la land with spelling corrections and dry humour.

Too bad, so close
--

Bye for now, Frank Sved (VE3GID) at DG198@freenet.carleton.ca

1270. radio amateur

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: jean <jean@lancite.net>
Message-ID: <32189EB0.3CDD@lancite.net>
Source record: 218631

please if you speak french contact me.

my e-mail is jean@lancite.net

tank you!

Sï¿½bastien Daigneault,Blainville qc

1271. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: n7ory@primenet.com
Message-ID: <4vamvi$gtr@nnrp1.news.primenet.com>
Source record: 218632
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

Jeffrey Herman wrote:
>
> Rob Neff <n7ory@primenet.com> wrote:
> >Jeff (me) wrote:
>
> >>Keep your HT at its lowest power setting (not only for health reasons
> >>but also to comply with Part 97). Use a speaker mic and hold the HT
> >>at arm's length when transmitting (who cares what that will look like -
> >>you'll be setting a good example).
>
> >Compliance in the face of stupidity is cowardice.
>
> I'm refering to the section of Part 97 dictates that we use the lowest
> output power possible for reliable communication. This is neither a stupid
> edict nor is it cowardice to comply with it. This very old law has nothing
> to do with the new ruling.
>
> You can get Part 97 in full from the ARRL email server, Rob - seems you
> might need to review its contents.
>
> Be safe,
> Jeff KH2PZ

With the 2.5 watts my little HT puts out, I get into some of the
repeaters in the area marginaly, others not at all. With the 5 watt
pack, I get into most of them full-quieting, some of them marginaly.
I comply with part 97 in this respect.

When it comes to simplex use, it's a different story. With my Gp-9, I
can use the 30mw setting and make contacts in Mesa which is 30 miles
away. So my "KH2PZ incorrect" 2.5-5 watts is not necessary.
And to get right to it, there is no provision given, with respect to
the rule you mention, on any of these commercially available HTs to
comply. Think about it, if your power is adjusted in steps, and you
can operate with a lower output then that povided by the radio's
settings, are you in violation or not? It says minimum power
necessary, not minimum power setting on the radio.
And one other thing, I don't know what rock you live on, and whether
or not you have to deal with intermod, but squelch'es are used at a
high setting here in Metro Phoenix.

Don't make any assumptions as to my operating practices or proceedures, as I will (or would) not make any of yours. But it seems that when you are presented with reasonable debate, you resort to attacking the person and not the subject matter. Frankly, that in itself is not amateur like.

You mentioned part 97 at the end of your last post, mixed with the subject we *were* discussing. It appeared to me that you were implying that this EPA crap (which is now also part of 97) was the basis for you advising that HTs be held at arms length at minimum power. Thus accepting the regulation as being valid and worthwhile. I obviously disagree.

If you want to keep debating the issue, that's fine. But keep it on the level of subject and not assumptions. Ok?

Rob Neff (N7ORY)

1272. IPS Daily Report - 19 August 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <4vat1p$7ct@flare.syd.ips.oz.au>
Source record: 218633
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 19/2330Z AUGUST 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 19 AUGUST AND FORECAST FOR 20 AUGUST - 22 AUGUST

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 68/2

GOES satellite data for 18 Aug
Daily Proton Fluence >1 MeV: 6.9E+05
Daily Proton Fluence >10 MeV: 1.7E+04
Daily Electron Fluence >2 MeV: 4.8E+07
X-ray background: A1.0
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
20 Aug 21 Aug 22 Aug
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 20 Aug: 68/2

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Quiet to unsettled

Estimated Indices : A K Observed A Index 18 Aug
Learmonth 6 2223 1111
Fredericksburg 6 6
Planetary 5 5

Observed Kp for 18 Aug: 1103 2211

2B. MAGNETIC FORECAST
Date Ap Conditions
20 Aug 6 Quiet to unsettled
21 Aug 6 Quiet
22 Aug 5 Quiet

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band

Date Low Middle High
19 Aug Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
20 Aug Normal Normal Normal
21 Aug Normal Normal Normal
22 Aug Normal Normal Normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
19 Aug 1

Observed Australian Regional MUFs:
Near predicted monthly values observed at Townsville, Sydney
and Hobart, with some spread F observed during local night
at these stations.
Darwin: Depressed 15 - 30% during the period 00 - 07 UT,
otherwise near predicted monthly values. Some spread F
and sporadic E was observed during local night.

Predicted Monthly T index for August: 10

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
20 Aug 10 near predicted monthly values
21 Aug 10 near predicted monthly values
22 Aug 10 near predicted monthly values

--
IPS Radio and Space Services | email: rwc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/rwc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/rwc/
tel: +61 2 94148300 | fax: +61 2 94148331

1273. Re: HELP: IS PC SWITCHING POWER SUPPLY OK???

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: bry1@erols.com
Message-ID: <4vb581$16g@news7.erols.com>
Source record: 218634
Cross-posted to: rec.radio.amateur,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

The other bad problem with many of those old switcher power supplies is
that they generate a lot of RF hash!

ehoffman@total.net (Big Boy) scribbled:

|I have a old crap 8088 'tole box' as you can say! With the power supply.
It's
|rated 7Amp at 12 Volts but i'm wandering if i can use it to supply my mobile
|(used as a base) 13.8V tranceiver unit. I dont know much of switching power
|supply technology and i want to know if it's safe. The problem may be when i
|switch from RX to TX and from TX to RX... could there be a fatal burst of
|voltage? Or peraps with a big cap, like 22 000uF, at the exit i can control
|those peek?

|Unfortunately, i dont have an scope to make charge test.

|E-mail me on that please...

|Thanks and 73 to all readers

|--------------------------------------
|"640K will be ok for everyone..."

|Bill Gates '82
|--------------------------------------

| The Big Boy

We are having E-MAIL problems with the Internet Server EROLS.
PLEASE cc: all messages to me as follows:
bry1@erols.com - Look at your To: line and make sure it reads properly!!
brian.carling@acenet.com
Send a copy to BOTH addresses. That way there is a better chance
that I will actually GET your message! Looking forward to hearing from you...
Brian Carling in Gaithersburg, MD USA

1274. Re: RF exposure/balanced line/inverted vee

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: Avatar <avatar@frii.com>
Message-ID: <321931DA.13D6@frii.com>
Source record: 218635
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

```
Peter A. Klein wrote:
>
> The ARRL RF Safety guidelines mention that we should avoid using open
> wire line to minimize RF exposure.
>
> For years, I have been using 300 ohm outdoor twin lead to feed various
> inverted vees. I used ladder line at first, but it tends to break.
> From what I've read, 300 ohm tends to confine the radiation to between
> the conductors rather than creating a field around them.
>
> Am I correct that using 300 ohm twinlead might create less RF exposure
> than 450 ohm ladder line? And would using a Matchbox-type balanced
> tuner do a better job of minimizing line radiation than a T-match and
> balun tuner? I currently use an AEA AT-300 which is a box
> slightly bigger than an HF transceiver. It contains 2 coils and one
> variable capacitor, thus:
>
> 4:1
> Ferrite---
> Coax in-- L1--+---L2----Balun-----Balanced out
> + |
> |
> Gnd C1
> |
> Gnd
>
> Now of course, my feedline is not symetrical with respect to the antenna.
> The only way I could get something long enough to work on 80m well (102
> ft) was to run one leg of the inv vee from a ~35 feet up a tree at one
> side of my backyard back, to my shack window. The feed line goes down
> the tree to a height of about 7 feet, then under the eaves to the window,
> thusly:
>
> /|\
> / || \
> / || \
> / || \
> / || \
> |+------+
> | feedln+-- shack
> Tree
>
> I have a feeling I'm going to have to move it to be incompliance with the
```

> big bad new environmental rules. I'm also running an R7 vertical just
> over my roof (base of ant. at about 23 feet). Then I also have 10db
> circular satellite beams at about 28 feet, on an 8' roof tower.
>
> Am I going to have to move all my antennas to run 100 watts and still be
> in compliance? Information so far is kinda sketchy, and you have to wade
> through 50 pages of bureaucratese to find it.
>
> So, Cecil and other antenna mavens, what's da scoop?
>
> 73,
> Peter - KD7MW
> ---
>
> --
> Peter A. Klein (pklein@seattleu.edu) : ------==3== --- ---
> Network Administrator, LAN/WAN/Novell : | | | | | | | |
> Seattle University, 296-5569 : @| @| @| @| @| @| @| @|

I haven't seen the bureaucratic documents, but I doubt that your feedline is producing a stronger field than the dipole.

I expect there are very few installations that have the feedline at a right angle to the antenna all the way to the rig. The angle of your feedline will probably create some imbalance on the feeders, but a typical antenna tuner is not going to correct that.

I doubt that a Johnson Matchbox is going to show any significant improvement over an unbalanced tuner with an "RF TRANSFORMER" (NOT A BALUN) on the output of the tuner.

NOTE: See posting "Balun VS RF Transformer" for when to use a Balun and when to use an RF Transformer. If it is not on your news list, use the

http://dejanews.com

search engine to get it.

Regards,
W0MAY

1275. FS:NEW YAESU BATTERYS & SPEAKER MIC

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: John Lee <aw688@lafn.org>
Message-ID: <3219169B.3B97@lafn.org>
Source record: 218636

```
FS:NEW YAESU BATTERYS & SPEAKER MIC

FNB-31 $ 40 +SHIP
FNB-38 $ 50 +SHIP
FNB-40 $ 35 +SHIP
FNB-41 $ 40 +SHIP

NEW YAESU SPEAKER MIC

MH-12 $ 20 + SHIP
MH-32 $ 20 + SHIP
```

1276. FS: MOTOROLA SPECTRA 900 TRUNKING RADIO

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: John Lee <aw688@lafn.org>
Message-ID: <3219164E.5769@lafn.org>
Source record: 218637

FS: MOTOROLA SPECTRA 900 TRUNKING RADIO

MD# D37KGA5JB7CK $ 600 OBO

MD# D37KGA5JB5DK $ 550 OBO

1277. Re: HELP: IS PC SWITCHING POWER SUPPLY OK???

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: "miker in Tigard, OR." <mreiney@hevanet.com>
Message-ID: <32195B1B.2E39@hevanet.com>
Source record: 218638
Cross-posted to: rec.radio.amateur,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

> >> |I have a old crap 8088 'tole box' as you can say! With the power supply.
> >> It's
> >> |rated 7Amp at 12 Volts but i'm wandering if i can use it to supply my mobile
> >> |(used as a base) 13.8V tranceiver unit.

There's one piece of critical information missing from this thread.
PC power supplies regulate the 5V output. The 12V output is whatever it
is. For typical PC loads it all works out right.
If you try to run the 5V unloaded, there is not enough energy in the
core
to give full output on the 12V port.
So, you need a load resistor on the 5V output to make sure the 12V
supplies enough current for full load. You also need a load resistor
on the 12V output to insure it stays in regulation when the external
load
is off.
miker

1278. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: John--Mackey--KA0SSF <no--place@any-where.com>
Message-ID: <32190BD4.59BF@any-where.com>
Source record: 218639
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

Dana Myers wrote:

> I don't disagree that minimizing RF exposure is a good thing. I just
> don't agree with this reading of Part 97. Using the lowest power
> setting without regard to the ability to carry out communications
> might be considered 'liddish' by some ;-).

True, but then there is the thing about:

"Good Amateur Practice".

1279. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: John--Mackey--KA0SSF <no--place@any-where.com>
Message-ID: <32190CD5.450A@any-where.com>
Source record: 218640
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

Rob Neff wrote:

> > Rob Neff <n7ory@primenet.com> wrote:
> >
> > >Compliance in the face of stupidity is cowardice.

Very true statement.

> With the 2.5 watts my little HT puts out, I get into some of the
> repeaters in the area marginaly, others not at all. With the 5 watt
> pack, I get into most of them full-quieting, some of them marginaly.

Hmmm, strange, 2.5 to 5 watts is only 3db. 3db is only 1/2 an S unit,
certainly not much if any practical difference.

1280. Re: License required for CB radio repair

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: Curtis Wheeler <cwheeler@ccnet.com>
Message-ID: <3218B21F.5694@ccnet.com>
Source record: 218641

Steven Kerns wrote:

> In article <4va8mh$3kl@gaudi.lahabra.chevron.com>, cwheeler@ccnet.com says...
> >
> >skerns@mail.talon.net (Steven Kerns) wrote:

> >>>Im confused, I was under the assumtion that ANY transmitting device
> >>>above a few milliwatts (not sure of the level) would require at least
> >>>General Radiotelephone cert. in order to do any TX adjustment. Anyone
> >>>else?

> >> The only transmitters that still requires
> >>a licensed technician is equipment mounted upon a sea going vessel.

> >... and aircraft stations.

> I did not know that you still were required to have a license for
> nav/com/RADAR on aircraft. When I left Beechcraft in 1982 anyone
> who worked on transmitters had to have a license but the recent
> magazines I read only talked about ocean going vessles and Satellite.
> Now the only transmitters I repair are medical telemetry, you would
> thing the FCC would include medical telemety under one of the services
> that still require licenses. I guess that one slipped by them...

I'll have to double check at the office but I am 99% sure that the
license is still required for internal adjustments or repairs to
transmmitters in the aviation or marine service (including VHF-FM marine
on inland waters).

That is for transmitters. Many avionics are not transmitters - but for
the purpose of signing off any maintenance, I believe, you still have to
hold a FAA Radio Repairman Certificate (in addition to the GROL for
xmtrs). Don't hold me to that stuff as I don't service any avionics - I
rent airplanes and just want the boxes to work. However - I will work
on the VHF in my boat if the need arises.

Unless a change slipped by me in the last year or so.....

For aircraft: Part 87.73 Requires all transmitter adjustments and tests
during installation, servicing or maintenance of aviation stations be
completed under the direct supervision of a licensed general
radiotelephone operator.

For marine: Part 80.169 places about the same requirement on marine
transmitters. Except that 1st or 2nd class radiotelegraph operators
also qualify. Those telegraph operators are the only ones authorized to
work on marine radiotelegraphy stations. A radar endorsement is also

required for work on ship radar.

Regards,

Curtis
KD6ELA / GROL / PP-ASEL

1281. Re: DOS ADMS-1 PROGRAM?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: "Chris M. Bridges" <n4fan@shelby.net>
Message-ID: <321935C6.1AED@shelby.net>
Source record: 218642

Daniel Velez wrote:
>
> Looking for a DOS equivalent...
> --
> Dan
>
> Daniel Velez | Aoooga! Aoooga!
> dvelez@infi.net |
> N4WZR@WD4MIZ.VA | Dive! Dive! Dive!

Yes, Their is,
its called E-Z Clone. Right now it supports The Yaesu FT-51 software and Hardware. Also supports the Kenwood TH-79 in the software but the hardware is not quite ready yet. One year free software updates. The interface and software sell for
$40 plus $5 shipping and handling.
Contact
E-Mail
Buffalo Electronic at

n4fan@shelby.net

also will have them at the Shelby Hamfest labor day weekend.
Chris M. Bridges
>>>>>N4FAN>>>>>>
n4fan@shelby.net

1282. SAMS Needs Your Electronics URLs

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: jadams@idirect.com
Message-ID: <4varvc$d4_042@ns.idirect.com>
Source record: 218643
Cross-posted to: rec.antiques.radio+phono,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.video.satellite.dbs,rec.video.satellite.europe,rec.video.satellite.misc,rec.video.satellite.tvro

```
Electronics Resource Internet Addresses Needed
for Publisher.
==============================================
To all Electronics Companies, Service Person-
nel, Webmasters & Hobbyists,

I am preparing a book tentatively titled "Sam's
Internet Guide to the Electronics Industry", to
be published by Howard W. Sams & Co. and PROMPT
Publications. The book will contain site add-
resses for electronics resources. Companies,
organizations and individual web creators are
encouraged to fill out a simple FORM at the ad-
dress below.
-----------------------------------------------
http://web.idirect.com/~ifx/book/
-----------------------------------------------
In addition, any electronics related addresses
or resources you run into while surfing please
let me know by filling out said form.

If you lack FORMS capability send an email with
the info below. I am especially interested in
sites offering simple electronics repair data,
service specs and hobbyist help-pages. Other
resources are more than welcome. Top Urls will
be printed in this directory and updated in
future issues.
-------------------------------------------------
Name:
Company Name:
Nature of Business:
Address http:
Other Addresses:
FTP Site:
E-mail Contact:
E-mail Main (info):
Webmaster:
Listserv:
How often is your website updated:
What type of information can be found on your
website or special features:
```

Has the WWW helped your business:
Comments:

Send to John Adams -- jadams@idirect.com

If you know of any other Electronics related
links please let me know in an email or a blank
form.

Thank you in advance. John Adams -- Author

John J. Adams | "Forever Learning" |
Author | "Forever Questioning" |
Web Designer | "Forever Creating" |

----------jadams@idirect.com----------

INFINET-FX @ http://web.idirect.com/~ifx/

1283. Re: FS: All Ham Bands, Reply to Republican Congress

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <DwD0CJ.5no@news.hawaii.edu>
Source record: 218644
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.amateur.policy

TEIXEIRA <teixeira@ccnet.com> wrote:
>With the likes of people like Nixon

Nixon: Ended the longest war we'd ever been in, in which 58,000 American lives were lost. Opened the diplomatic door to China.

>Regan

Reagan: Our nuclear enemy, the Soviet Union, melted to nothing under his administration. As governor, he turned bankrupt California into the most prosperous of all states.

>Bush

Bush: Easily won the Gulf War while he was president. His foreign policy was exemplary.

>Gingrich, Buchanon, Limbaugh

We need 'em to keep the liberals in check.

>Watergate Gang

They bugged the '72 Democratic Convention. Big deal.

>Do you still want to associate with the Republicans?????

You bet!

>We sure have short memories. d8-)

That you've forgotten all the good the above named presidents were able to accomplish shows you have one!

1284. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: mulveyr@ll.aa2ys.ampr.org
Message-ID: <slrn51ffk7.a1.mulveyr@ll.aa2ys.ampr.org>
Source record: 218691

On Sun, 18 Aug 1996 07:38:04 -0400, Burt Fisher <kotzebue@juno.com> wrote:
>tim phillips wrote:
>
>> I have learned a lot from this part of the news group.What I've learned
>> is to mark all Bert's postings without reading them!!!!!!
>
>So typical ham. Hear no evil see no evil
>

Does that mean that you're confessing to being evil?

--
My mailer has the unfortunate tendency to bounce 10,000 copies of any
junk mail I receive back to the sender. Be warned.

1285. Qsl Info File Updated Available Free

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: mtw@coredcs.com
Message-ID: <3217f7f3.22235079@news.coredcs.com>
Source record: 218692

After you have used all the sources for qsl info and still can't find that old qsl info. Try http://coredcs.com/~mtw. Latest file contains over 43,243 managers or direct addresses. If you still can't find it leave me email as I have a ton of qsl info dating way back. My email address is as follows: mtw@coredcs.com

1286. Re: MAKE MONEY

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: n4jvp@ix.netcom.com
Message-ID: <3217c68c.43364318@nntp.netcruiser>
Source record: 218693

On 19 Aug 1996 00:58:11 GMT, billn@PEAK.ORG (Bill Nelson) wrote:

>Matt Baraga (m.baraga@worldnet.att.net) wrote:
>
>Sigh, will they never end?
>
>: Jason Todland 174 Los Olivos Ave. Daly City Ca 94014 (USA)
>: Tod Mcknight 255 Eastoak St Seattle WA 32588 (USA)
>: Jeci C0/ Traci Marks PO Box 19549 Cinti, OH 45219-0549 (USA)
>: Matt Baraga 111 White Ibis Ct. Daytona Beach FL 32119 (USA)
>: Robert Byrne 6229 Donna Circle Port Orange Fl 32127 (USA)
>
>: 2. Now, remove the 1st name on the above list, there will only be four
>: left then. Now, add you name and
>: as the fifth one (last!!!!!!).
>
>: If you can't be honest, you deserve to at least loose out on all of your
>: time and effort on the internet.
>
>Note that this ass agrees that he should "loose (sic)". He placed himself
>4th.
>
>Is there any way to stop this nonsense?
>
>Bill

Respond via E-mail to:
postmaster@originating.domain

something similar to:
To whom it may concern:
The article pasted to the bottom of this note was posted to
rec.radio.amateur.misc by one of your users. Not only is this article
off-topic, it is a promotions for a chain letter. Chain letters are
most definitely unlawful persuant to Title 18, United States Code,
Section 1302, the Postal Lottery Statute. For further details please
refer to:
http://www.usps.gov/websites/depart/inspect/chainlet.htm

If this post did originate from your domain I must make some
requests of you.
1 - review the user's posts and issue cancels for all that are
in this vein. Chain letter promotions are seldom if ever made to just
one newsgroup.
2 - take appropriate action to ensure that the user will make

no similar posts in the future.
3 - notify all users within your domain that such posts are
inappropriate and potentially unlawful.

thank you

Paste a copy of the offending post complete with all headers
to the bottom of your message and hit the send key. Unfortunately this
is after the fact and action by the SysAdm only prevent further such
posts from the same user.

73 de n4jvp

1287. Re: MAKE MONEY

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: billn@PEAK.ORG
Message-ID: <4v8e73$3le@bashir.peak.org>
Source record: 218694

Matt Baraga (m.baraga@worldnet.att.net) wrote:

Sigh, will they never end?

: Jason Todland 174 Los Olivos Ave. Daly City Ca 94014 (USA)
: Tod Mcknight 255 Eastoak St Seattle WA 32588 (USA)
: Jeci C0/ Traci Marks PO Box 19549 Cinti, OH 45219-0549 (USA)
: Matt Baraga 111 White Ibis Ct. Daytona Beach FL 32119 (USA)
: Robert Byrne 6229 Donna Circle Port Orange Fl 32127 (USA)

: 2. Now, remove the 1st name on the above list, there will only be four
: left then. Now, add you name and
: as the fifth one (last!!!!!!).

: If you can't be honest, you deserve to at least loose out on all of your
: time and effort on the internet.

Note that this ass agrees that he should "loose (sic)". He placed himself
4th.

Is there any way to stop this nonsense?

Bill

1288. Re: 1,000,000 qsl cards thrown away per year

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4v97pi$afk@lehi.kuentos.guam.net>
Source record: 218695
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Lawrence <lawrence@itl.net> wrote:

>Perhaps the time has come to abandon certificates such as DXCC.

>73, Lawrence GJ3RAX

Or maybe it's time to just pass them out on the honor system. Doesn't
bother me if someone else was to cheat on thier DXCC. Oh, but then
we couldn't do the honor system - too many people at the ARRL's
DXCC desk would be out of a job......

73, Jim KH2D

1289. Re: Your recommendation for an HT?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <32184ABA.38F5@ccsnet.com>
Source record: 218696
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Tim wrote:

> Burt, I thought you hated ham radio, were sick of it, and was selling out??
> Your actions don't seem to have any thing to do with your words. Are your postings real
> Burt? or just late night ramblings when you can't sleep?

I am selling out of HF.
On the road 2 meters is free and good for safety and directions.
Also I like to spread the "word of Burt."

```
#================#=========================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | If you sit on the fence, it is a pain in the butt|
#================#=========================================================#
| k1oik@ccsnet.com |
#=====================================================================#
```

You cannot build a reputation on what you are going to do.

Henry Ford

1290. FS: Yaesu FT-707 and tuner

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: "J.A.B." <jamesb@clark.net>
Message-ID: <Pine.GSO.3.95.960819071608.10674A-100000@explorer2>
Source record: 218697

```
-- FT-707 HF Tranceiver
-- FT-901 Antenna Tunner

All for $350 PLUS shipping.

If interested please email or call me at
(410) 969-0964

Alex Brooks
de N4POE
```

1291. Error Condition Re: Posting rejected

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: info-hams@pcnet.ro
Message-ID: <199608171618.JAA22829@mail.ucsd.edu>
Source record: 218698

Your posting to list INFO-HAMS was rejected.
Reason: message size limit exceeded (maximum allowed: 55000 bytes)
The first few lines of your message are included herein for reference:

Info-Hams Digest Sat, 17 Aug 96 Volume 96 : Issue 925

Today's Topics:
Ham's character
Height Above Average Terrain
iaru discussion paper for sept 96 tel avivi
Mr Happy should be happy SOME of the time.
uk/usa ham figures & rsgb hq staff
WA8IMO wants to know !

1292. HF Radio reccomendations and TS870S

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: gbaron@deskmedia.com
Message-ID: <32184ed1.4156962@news.deskmedia.com>
Source record: 218699

I would solicit recommendations for a new HF radio. Mine was fried by
lightning. It was a TS440-S/AT and the replacement is a TS450-S/AT but
am considering an upgrade to the TS870S. Does anyone use that radio
and what do you think?
--
Gil Baron W0MN gbaron@deskmedia.com Web http://www.deskmedia.com/~gbaron
"Bailar es vivir" pgp2.6 key http://www-swiss.ai.mit.edu/~bal/pks-toplev.html
"Cuatro caminos hay en mi vida. Cual de los cuatro sera el mejor"

[Posted with Agent .99e. For info, email agent-info@forteinc.com.]

1293. DOS ADMS-1 PROGRAM?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: Daniel Velez <dvelez@infi.net>
Message-ID: <32186D8F.1B21@infi.net>
Source record: 218700

Looking for a DOS equivalent...
--
Dan

Daniel Velez | Aoooga! Aoooga!
dvelez@infi.net |
N4WZR@WD4MIZ.VA | Dive! Dive! Dive!

1294. Installing 2m in new Toyota Tacoma

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: Steve Hawkins <sjhawk2@ptes.com>
Message-ID: <32187275.6E95@ptes.com>
Source record: 218701

Has anyone out there installed a 2m radio in a Toyota Tacoma. I just bought a 1996 Tacoma and I am interested in where you mounted the radio and where you brought the power through the firewall. I would also like to know what kind of antenna you use and where you mounted it. It looks like I might be able to temporarily remove the brake light above the rear window and drill a hole in the roof behind it to mount the antenna. Then snake the coax between the head liner and the roof over to the left rear corner of the cab and then down and out near where the seat belt fastens.

Please E-mail any experiences you may have to sjhawk2@pacbell.com

Thanks You very much. de Steve Hawkins WV6U

1295. Number of Extras in #1 Call District?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: "Thomas J. Alessi" <Tom@Alessi.Com>
Message-ID: <32187BA3.5D6@Alessi.Com>
Source record: 218702

Can anyone tell me how may Extra Class Hams there are in the 1st
Call Area??? My CD-ROM is out on loan and I was just wondering
if anyone has the stats.

Tom WB1L
--

Thomas J. Alessi E-Mail: Tom@Stamford.Com OR
T.J. Alessi & Associates, Inc. Tom@Alessi.Com
147 Joffre Avenue http://www.netcom.com/~alessi
Stamford, Connecticut 06905-2933 Phone: 203.353.2105

"I AM the Master of my Domain!", Jerry Seinfeld.

1296. Re: 1,000,000 qsl cards thrown away per year

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-19 00:00:00 UTC
From: grhosler@mmm.com
Message-ID: <4v9vm2$f9o@dawn.mmm.com>
Source record: 218703
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Lawrence <lawrence@itl.net> wrote:

>albert corker wrote:
>>
>> the rsgb have 2,000,000 cards through per year but only 50% are
>> collected. what a waste of trees by radio amateurs.
>> what can be done to lessen this waste.

>The QSL card is the ultimate junk mail to many of us. Only a few people
>bother to ask me if I will reply to their cards. A couple of years ago
>a PY told me, at the end of the QSO, that he would send me a card via
>the bureau. I told him that I do not collect, or reply to, QSLs and that
>I did not have any envelopes with the bureau. He then said that as he had
>written it he would send it anyway!

>Perhaps the time has come to abandon certificates such as DXCC.

>73, Lawrence GJ3RAX

The fact that you don't collect the QSL's is no reason not to confirm
a QSO as long as the other station will at a minimum generate a card
with the QSO information, and provide a return envelope with the
necessary postage in the form of IRC's or greenstamps. All you have
to do is sign the card to confirrm the QSO. You simply need to inform
the other station of your requirements. Not to much to ask! IF they
don't provide the above after you have informed them,....then they
don't deserve the card. The QSL is the final courtesy.

73 de KN0Z Gary

Opinions expressed herein are my own and may not represent those of my employer.

1297. IPS Daily Report - 20 August 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <4vdh1d$38i@flare.syd.ips.oz.au>
Source record: 218504
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 20/2330Z AUGUST 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 20 AUGUST AND FORECAST FOR 21 AUGUST - 23 AUGUST

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 69/3

GOES satellite data for 19 Aug
Daily Proton Fluence >1 MeV: 6.7E+05
Daily Proton Fluence >10 MeV: 1.8E+04
Daily Electron Fluence >2 MeV: 3.2E+07 (normal)
X-ray background: A1.0
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
21 Aug 22 Aug 23 Aug
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 21 Aug: 70/5

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Quiet to unsettled

Estimated Indices : A K Observed A Index 19 Aug
Learmonth 8 3222 2311
Fredericksburg 8 7
Planetary 5 4

Observed Kp for 19 Aug: 2112 1112

2B. MAGNETIC FORECAST
Date Ap Conditions
21 Aug 5 Quiet
22 Aug 5 Quiet
23 Aug 5 Quiet

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band

Date Low Middle High
20 Aug Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
21 Aug Normal Normal Normal
22 Aug Normal Normal Normal
23 Aug Normal Normal Normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
20 Aug 0

Observed Australian Regional MUFs:
Darwin: Depressed 15 - 30% during the period 00 - 10UT,
otherwise near predicted monthly values. Spread F was
observed during local night.
Townsville: Near predicted monthly values.
Sydney: Near predicted monthly values.
Hobart: Near predicted monthly values, with spread F
observed for the period 09-12UT.

Predicted Monthly T index for August: 10

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
21 Aug 5 near predicted monthly values
22 Aug 5 near predicted monthly values
23 Aug 10 near predicted monthly values

--
IPS Radio and Space Services | email: rwc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/rwc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/rwc/
tel: +61 2 94148300 | fax: +61 2 94148331

1298. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: Steve Wolf <no8m@apk.net>
Message-ID: <321A0960.5976@apk.net>
Source record: 218505
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

> that we have to try to follow. So there is no cowardice in following the
> rules to protect your own hide from bureucratic invasion into your shack
> and the removal of your equipment and some of your hard earned cash from
> your person.

What country are you living in? Here in the US there certainly is
cowardice involved in tolerating governmental abuse.

--
73,
Steve
Internet: no8m@apk.net
Amateur Radio: no8m@no8m.#neoh.oh.usa.na
MSYS Mail List: msys-request@hamnet.org ('info' for title)

1299. 3D2PI Update

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: julian@zeta.org.au
Message-ID: <4vc2pd$kms@godzilla.zeta.org.au>
Source record: 218506
Cross-posted to: rec.radio.amateur.miscnn,rec.radio.amateur.misc

Hi All,

Sked times are: 1030UTC on 3650 and 0200 on 7050.

Peter is arriving back in Newcastle on Thursday, so those along the NSW coast should be able to talk to him on 147.100 and later on 146.725 repeaters.

QSL info on http://godzilla.zeta.org.au/~julian/QSL.html

73 de Julian, VK2YJS
julian@zeta.org.au

1300. world wide database

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: radiop@ix.netcom.com
Message-ID: <4vdeh5$q9j@dfw-ixnews10.ix.netcom.com>
Source record: 218507

attention all amateur ops!!!

we are starting a major compilation
project of amateur radio operatr e-mail addresses,,
in order to create a web server devoted to the access of amateur
radio operators e-mail/internet addresses by the input of a call
sign.

much help is needed by the amateur community in the
development of this project,, please let your fellow ham know!!
in order to be included in this world wide database you must send
your name,, callsign and internet address!!,, that's it!!

at the completion of the database ,, in order to access a fellow
operators internet address,, all you will have to do is input the call
sign,, and if they are in the base you will be given the internet
address,,, thank you all for your help in this monumental project,

send your name ,, call and internet address to-- radiop@ix.netcom.com
for inclusion in the database

thank you mike,,,n2ucm,,,,73's

1301. FS:NEW YAESU BATTERYS & SPEAKER MIC

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: John Lee <aw688@lafn.org>
Message-ID: <321A9DF7.2217@lafn.org>
Source record: 218508

FS:NEW YAESU BATTERYS & SPEAKER MIC

FNB-31 $ 40 +SHIP
FNB-38 $ 50 +SHIP
FNB-40 $ 35 +SHIP
FNB-41 $ 40 +SHIP

NEW YAESU SPEAKER MIC

MH-12 $ 20 + SHIP

1302. 900 Mhz Long Range Information NEED

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: TWarchał <twarchal@wg.ns.onet.pl>
Message-ID: <01bb8e9a$0eda0ea0$1e96ccc2@tedi>
Source record: 218509

I'm looking for long range (>2km) 900 Mhz cordless phone.
If you have any information, recomendation please send me to

twarchal@wg.ns.onet.pl

Thanks

Thaddy

1303. Re: burt's challenge

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4vcjle$kg2@freenet-news.carleton.ca>
Source record: 218510

Burt Fisher (k1oik@ccsnet.com) writes:
> tim phillips wrote:
>>
>> if all who don't want burt here any more e-mail him and tell him if you
>> want to send him some "good and large files" i think he wants them
>> his e-mail add. is Fisher@meol.mass.edu
>
> Your postmaster ought to know that you are spamming me and I will
> hold you BOTH libel.
>
> #================#===#
> | Burt Fisher | Teacher of video, broadcasting and electronics |
> | Amateur call | South Dennis, Ma. (Cape Cod) |
> | K1OIK | If you sit on the fence, it is a pain in the butt|
> #================#===#
> | k1oik@ccsnet.com |
> #===#
> You cannot build a reputation on what you are going to do.
>
> Henry Ford

Libel or Liable
is spam like ham?

=== begin download of HIHIHIHI ===

--

Bye for now, Frank Sved (VE3GID) at DG198@freenet.carleton.ca

1304. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: cheshire@ridgecrest.ca.us
Message-ID: <DwGG4p.25A@ridgecrest.ca.us>
Source record: 218511
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

slwork@netcom.com (Steve Work) wrote:

>Steve Wolf (no8m@apk.net) wrote:

>: A good example was the "fact" that 50,000 children a year are abducted
>: and we needed new laws to stem this tide. They passed a bunch of new
>: laws, citing the dopey figure, without ever considering that it was
>: a lie. The laws remain to show how harmful a well-meaning but terribly
>: misdirected group can do.

>They neglected to say that, perhaps, in 95 percent of these cases the
>children were "abducted" by the child's non-custodial parent.

Sheeeeze!!!! That's just what we need, , ,

> "and we needed new laws to stem this tide", , , ,
>"They passed a bunch of new laws"
>"The laws remain"

When are people going to wake up to the fact that "new laws" never
solved anything except unemployment among lawyers.
Sheeeeze!!!!
Dr Pepper
10 - 2 - 4

1305. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: Fred <peerenbf@dmapub.dma.org>
Message-ID: <Pine.SV4.3.91.960820171315.12715B-100000@dmapub.dma.org>
Source record: 218512
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

On Mon, 19 Aug 1996, Steve Wolf wrote:

> A good example was the "fact" that 50,000 children a year are abducted
> and we needed new laws to stem this tide. They passed a bunch of new
> laws, citing the dopey figure, without ever considering that it was
> a lie. The laws remain to show how harmful a well-meaning but terribly
> misdirected group can do.
>
> --
> 73,
> Steve
> Internet: no8m@apk.net
> Amateur Radio: no8m@no8m.#neoh.oh.usa.na
> MSYS Mail List: msys-request@hamnet.org ('info' for title)
>
>

A terribly misdirected group. May be so may not be so. Do you have any facts to show that rf is harmless. Have you ever been in the near field of a broadcast antenna at 1KW even. I have, not the facts or figures, but by personal experiance know that the inner ears heats up at a frequency of 1450 Khz and 1000 watts if you are there for any significant period of time (ie. 30 minutes or so) Granted, amateur transmissions are usually short, but would you like a 4 El beam being fed with 1.5Kw pep rf pointed at your house???? I think not if it were your neighbors antenna. Do not poo poo the harm that non-ionizing radiation may or may not do. It is best to treat it with a little respect and use good engineering practice at all times. Hey, a well meaning, but misdirected group got a law passed because no one else has been able to prove them wrong with hard facts and figures. I for one, after spending a few years in the position of a chief broadcast engineer, treat an radiation, non-ionizing or otherwise with respect. remember your microwave oven operates in the middle of on ham band a about 1.2 gigahertz or so. And it cooks things very swiftly. Agreed it is not 3.9 Khz or 7.2, but it may be that the only differance is the power level and the exposer time?? who know for sure. I don't and have met few rf engineers that are sure. Who wants to be the test dummy for this one fellows. Do I hear any takers?

Fred

Fred Peerenboom
internet: peerenbf@dmapub.dma.org
Amateur Radio: ke8tq@n8acv.#day.oh.usa.noam

1306. Re: Could it be true? Is this possible?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: John--Mackey--KA0SSF <no--place@any-where.com>
Message-ID: <321A08A9.CD9@any-where.com>
Source record: 218513
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.misc

Michael wrote:

> Is it true? Could this putz really have an account under another name?
>
> mscott@teleport.com

No, that is a different person. He is the caretaker of our web page.

> Mr Scott never uses email without changing his From: or Reply to
> interesting names like surprise2@where2.edu (Surprise2) among many
> others, has a website that nevers uses his name. Yet this website
> holds the information dedicated to a repeater in Beaverton Or.
> Belonging to KA0SSF...

Wrong again. I made the repeater & operate it often but it is under
another callsign & control operator. It isn't being operated as my
repeater. Mike Scott always uses his address because he DOES have
an internet address, unlike me. If I had one, I would use it.

> Callsign: KA0SSF
> Name: MACKEY JR, JOHN E
> License class: Extra

You are correct on this.

> > >I've been told that the 147.435 2M repeater in Los Angeles has a
> > >homepage, of sorts, and I'd like the URL if anyone knows it, please.
> > >Thanks all
>
> The 147.435 repeater in Portland Oregon is:
> http://www.teleport.com/~mscott/dumb.shtml

Yea, I wrote this a week or two ago. What's the point??

> That particular post came from onyx.indstate.edu with the Organization
> line reading "Myself & I-2." Your current "I own the Portland .435
> repeater" came from biosys.apldbio.com with the Organization line also
> reading "Myself & I-2." Both articles contain the address
> suprise2@where2.edu, only this time you were actually dumb enough
> to sign your name and callsign. I guess we should allow the possibility

No, I SENT IT. I ALWAYS sign my name & call. It was not dumb accident
as you indicate.

> P.S. Any licensed ham can become a rptr owner - there's no virture
> in that - and practically any transceiver can be made into a crude
> rptr. Thus, you hold no special significance in the amateur community; but

> now among the internet community you are scum for not having the courage
> to use your real address to accompany your remarks.

HAHAHAHA, hell ALL my repeaters are made from COMMERCIAL FM equipment
either Motorola or GE. (mostly GE Mastr series)

You are a fool Jeff. If I had an internet address I would use it but
I don't. You SHOULD know this as you & I exchanged e-mail earlier this
year from my fidonet address. (remember, I don't have a internet
address)

1307. Re: Truckers on 14.3025

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <4vd3te$1bjg@usenetp1.news.prodigy.com>
Source record: 218514

rik@nando.net (Henrik Rasmussen) wrote:
>
>In article <4vceo1$i4u@usenetp1.news.prodigy.com>, VUBS79A@prodigy.com
>(Drew Durigan) wrote:
>
>>Especially when these OLDE FAHRTZ continue to scare away large numbers
of
>>would-be amateurs by clinging on to the obsolete Morse code
requirements.
>>
>>
>>-Drew in Sunny Central Florida-
>> KF4DDM
>
>It is my understanding that the "OLDE FAHRTZ" have little to do with
this
>issue. It is, I believe a result of ITU treaty negotiations worldwide.
>
>Rik

But it is "YE OLDE FAHRTZ" that control the ARRL. This results in the
ARRL's tough stance against relaxation of the Morse requirements.

Remember, not too many years ago, the ARRL was adamantly opposed to the
creation of the no-code Tech license.

And the ARRL is supposed to speak for the interests of all amateur
operators. Uh huh. Sure. If you believe that, I have a beachfront condo
in Wyoming that I'd like to sell you.

-Drew in Sunny Central Florida-
KF4DDM

1308. (none)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: garrett@swva.NET
Message-ID: <199608202321.TAA29935@ctc.swva.net>
Source record: 218515

SUBSCRIBE

1309. Re: 1,000,000 qsl cards thrown away per year

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <4vdi3a$n2o@jupiter.planet.net>
Source record: 218516

> raiar@inlink.com (Gary V. Deutschmann, Sr.) writes:

> The solution to waste is quit using bureaus and mail direct to the
> intended party.
>
> Those who don't take PRIDE in their contact's ALSO do not take PRIDE
> in the hobby and it shows by their comments, attitude and usually
> discourtesy on the bands.
>
> TTUL
> Gary

can't agree with you here Gary. I'd love to send everything direct but the budget doesn't allow it. Yes, I know, hams
spend 1000's of dollars for equipment but when it comes to a stamp, they're cheaper than a vo-tech teacher
on Cape Cod. However, if you think about it, 2 bucks here, 2 bucks there, here a buck there a buck, everywhere
a buck buck..adds up quickly. So therefore the buro.

I do take pride in my contacts but economics sometimes overrides quick abit more.

just a thought

steve

1310. ****FOR SALE****

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: ltw@lainet.com
Message-ID: <4vd5ns$a3r@clark.zippo.com>
Source record: 218517

HEATHKIT HL-2200 Linear Amplifier
One owner, in excellent condition. Used for CW and SSB only, no full duty cycle activity. 10 Meter option installed. Wired for 220 V at the moment but can be wired for 110 V.
Works great, Weighs a lot..!!!

Please email me for any other details. Ham Trader tells me one of these in good condition is worth $750.
73's Lance WK6T

1311. Re: burt's challenge

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <321A512D.615B@ccsnet.com>
Source record: 218518

A.G. von Luternow wrote:
> I seriously
> doubt that the MEOL administrators would have any justifiable reason
> to take any action against Mr Fisher concerning his posts made via
> non-MEOL accounts.

One MEOL official did try to take action against me last year for a non
MEOL post.
He made an apology.

.
> I am posting this from my office so you might want to complain
> to my employer if you disagree...

Belive there are plenty that would take you up on that.
Hams have no decency, sometimes.
-
#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#================#===#
| k1oik@ccsnet.com |
#===#
You cannot build a reputation on what you are going to do.

Henry Ford

1312. Wrong Venue

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <321A517E.670A@ccsnet.com>
Source record: 218519

moritz@ipers1.e-technik.uni-stuttgart.de wrote:
>
> Talking about Postmasters, Mr. Fisher: The Massachusets
> Education On-line net (meol) has some guidelines as to the contents
> or Usenet-postings of their members. I think a large number
> of complaints is called for.

They so have guidelines.
I do not post from my MEOL account nor do I post from work.
So you have no standing to complain.

1313. Re: RF exposure/balanced line/inverted vee

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4vbj7d$dft@crash.microserve.net>
Source record: 218554
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

pklein@news.seattleu.edu (Peter A. Klein) wrote:

>The ARRL RF Safety guidelines mention that we should avoid using
>open wire line to minimize RF exposure.

That sounds reasonable. It's certainly safer to eliminate the
line than to risk injury from imagined dangers.

>For years, I have been using 300 ohm outdoor twin lead to feed
>various inverted vees. I used ladder line at first, but it tends
>to break.

Radio Works (among others) sells 16 gauge, stranded-conductor
ladder line that is VERY tough. If you're really concerned
about breakage, they also sell a special strain relief for
attachment to the dipole.

>From what I've read, 300 ohm tends to confine the radiation to
>between the conductors rather than creating a field around them.
>
>Am I correct that using 300 ohm twinlead might create less RF
>exposure than 450 ohm ladder line?

I suspect the actual operating conditions will have a much
greater impact on this than spacing, at least below 30 MHz.
Frequency of operation, current balance and power level are the
first things that come to mind.

>And would using a Matchbox-type balanced tuner do a better job
>of minimizing line radiation than a T-match and balun tuner?

The answer to this depends in part on the antenna. If you use
a 1:4 balun to feed 300 ohm balanced line and the antenna is a
resonant folded dipole, balance should be very good. Likewise
for a 1:1 balun, 75 ohm transmitting line and a standard dipole.

The problem occurs when the operator attempts to drive a non-
resonant antenna this way. The impedance seen by the balun is
often outside its capabilities, resulting in poor balance
(i.e. feeder radiation) and/or power loss in the balun.

>I currently use an AEA AT-300 which is a box slightly bigger
>than an HF transceiver. It contains 2 coils and one variable
>capacitor, thus:
>
> 4:1

> Ferrite---
>Coax in-- L1--+---L2----Balun-----Balanced out
> + |
> |
> Gnd C1
> |
> Gnd

I would not use this system to drive a non-resonant antenna unless specific measures are taken to provide a reasonable impedance to the balun. I'm not overly concerned about RF exposure, but feeder radiation can create RFI that can be very difficult (or impossible) to resolve. It can also cause grounds in the shack to carry enough RF to burn the operator.

>Now of course, my feedline is not symetrical with respect to the >antenna.

The situation you described is certainly not ideal, but I wouldn't worry unless you have problems such as RFI or noticeable shack RF. As far as I'm concerned, these are the primary reasons to minimize feedline radiation in most installations. Of course, some installations may also require minimal feeder radiation in order to extract the Nth degree of performance from the antenna.

>I have a feeling I'm going to have to move it to be incompliance >with the big bad new environmental rules.

I haven't read these. Can you point me to a source on the 'Net?

73,
Jack WB3U

1314. *URGENT SITUATION IN LAS VEGAS!*

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: arc5@ix.netcom.com
Message-ID: <4vbre3$1o7@dfw-ixnews8.ix.netcom.com>
Source record: 218555

URGENT SITUATION ARISES IN LAS VEGAS!
Suggestions requested!

A single ham moved here to Las Vegas
from California and (gasp!!)
DIDN'T put-up yet another
useless, unused repeater!!!!!

This is contrary to ham tradition
and standards! We can't tolerate
such responsible and unselfish
behavior!

Your input requested!
73 Dave AB5S

1315. Re: burt's challenge

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <32199CCF.6835@ccsnet.com>
Source record: 218556

tim phillips wrote:
>
> if all who don't want burt here any more e-mail him and tell him if you
> want to send him some "good and large files" i think he wants them
> his e-mail add. is Fisher@meol.mass.edu

Your postmaster ought to know that you are spamming me and I will
hold you BOTH libel.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#================#===#
| k1oik@ccsnet.com |
#===#
You cannot build a reputation on what you are going to do.

Henry Ford

1316. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: Fred <peerenbf@dmapub.dma.org>
Message-ID: <Pine.SV4.3.91.960820065234.24610B-100000@dmapub.dma.org>
Source record: 218557
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

On 19 Aug 1996, Rob Neff wrote:

> jherman@Hawaii.Edu (Jeffrey Herman) wrote:
>
>
>
> >More like a fantasy. I am *very* sorry to read of your loss; statistics
>
> Fantasy? RF is used all the time in medicine. Tell that to the
> Chiropractor that totaly screws up 10m with his massaging wand. Uses
> RF in the 27-28 MHz band to warm tissue deep inside. Tell that to my
> Dentist who used an 'Radio Scapel' to trim back my gums the other day.
>
> No self denial. It would be irresponsible to keep quiet and bend over
> for crap like this. They show proof that it harms, and how, then we
> will worry about it. I thought we stopped using 'blood-letting' as a
> treatment a long time ago, what they sugguest is the same thing.
>
> >Keep your HT at its lowest power setting (not only for health reasons
> >but also to comply with Part 97). Use a speaker mic and hold the HT
> >at arm's length when transmitting (who cares what that will look like -
> >you'll be setting a good example).
>
> Compliance in the face of stupidity is cowardice.
>
> >Be safe,
> >Jeff KH2PZ
>
>
> Ditto..
>
> Rob Neff (N7ORY)
>
>
>
Gentlemen, and I always use the term loosley as I know how I amc
Compliance with any rule or law is needed in a society of strange
creatures the likes of wich we indeed are.

Seriously, can any of us state without a doubt if non-ionizing radiation is
harmful or not???? Folks in the past thought that driving a car on a
sunday spin or sight seeing trip was safe also. Just look at the record

of peoples killed in auto accidents to shoot that theory down. I know, it isn't the same thing, but no one can tell us yay or nay if radio waves will do permanent damage to your neighbors or not. So why not take that extra precaution and put together a system that has preventative measures in the first place, then later on you may be one of the few amateurs still operating out there. Another thought entered my mind (hmmmmm, musta left my mouth open again and one of those pesky things snuck in) about something called "good engineering practice" when building any piece of gear. You wouldn't leave your high voltage tank circut un-protected so that a member of you family could stick a finger in it now would you. (the question is, does the electricity kill you or is it your reaction to the high voltage that does the deed?)
Just a few thoughts from a former broadcast engineer that went through this 10 years ago. (including having to try to deny access to surrounding public lands adjacent to the 100K FM transmitter site.) Wether we agree or disagree with the rules, remember, the FCC and EPA and local and Federal government make the rules and can shut you down right or wrong if you infringe upon them. Also, by having a national standard we will be better off than if every Tom, Dick and Harry has a differant standard that we have to try to follow. So there is no cowardice in following the rules to protect your own hide from bureucratic invasion into your shack and the removal of your equipment and some of your hard earned cash from your person.

Fred

Fred Peerenboom
internet: peerenbf@dmapub.dma.org
Amateur Radio: ke8tq@n8acv.#day.oh.usa.noam

1317. How to tell if you are a loser

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <32199AA7.326@ccsnet.com>
Source record: 218558
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,alt.support.divorce

The National Loser Test

If you answer yes to ANY of the following questions you are a loser:

1. You hit your spouse.

2. You are a child molester and think you ought not kill yourself.

3. You ever drove drunk.

4. You are a typical ham radio operator.

5. You take illegal drugs.

6. You cheated on your spouse more than once.

7. You are in jail for a criminal conviction.

If you answer YES to three of the following you are a loser:

1. You are divorced and think you are not at all at fault.

2. You are fat and think it is not your fault.

3. You think alcoholism is a disease.

4. You are on welfare

5. You hit your children.

6. You are "living with somebody."

7. You use profanity frequently.

8. You own a gun "for protection" but do not live in a dangerous area.

9. You subscribe to Penthouse et.al.

10. You are proud of being a homosexual.

11. You are a member of N.O.W.

12. You smoke.

13. You dye your hair

14. You do not defend those that you agree with for fear you will not be liked.

15. You prefer doing anything over being with someone you truly love deeply (i.e. soulmate).

16. You are two faced.

15. Did not graduate high school

3 yes= smalltime loser
4-6 yes= moderate loser
7-10 yes think about Dr. Kevorkian
Over 10 yes= act on Dr. Kevorkian

Please feel free to add your own.

1318. Re: HELP: IS PC SWITCHING POWER SUPPLY OK???

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: bry1@erols.com
Message-ID: <4vcca9$71o@news7.erols.com>
Source record: 218559
Cross-posted to: rec.radio.amateur,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

The other bad problem with many of those old switcher power supplies is
that they generate a lot of RF hash!

ehoffman@total.net (Big Boy) scribbled:

|I have a old crap 8088 'tole box' as you can say! With the power supply.
It's
|rated 7Amp at 12 Volts but i'm wandering if i can use it to supply my mobile
|(used as a base) 13.8V tranceiver unit. I dont know much of switching power
|supply technology and i want to know if it's safe. The problem may be when i
|switch from RX to TX and from TX to RX... could there be a fatal burst of
|voltage? Or peraps with a big cap, like 22 000uF, at the exit i can control
|those peek?

|Unfortunately, i dont have an scope to make charge test.

|E-mail me on that please...

|Thanks and 73 to all readers

|--------------------------------------
|"640K will be ok for everyone..."

|Bill Gates '82
|--------------------------------------

| The Big Boy

We are having E-MAIL problems with the Internet Server EROLS.
PLEASE cc: all messages to me as follows:
bry1@erols.com - Look at your To: line and make sure it reads properly!!
brian.carling@acenet.com
Send a copy to BOTH addresses. That way there is a better chance
that I will actually GET your message! Looking forward to hearing from you...
Brian Carling in Gaithersburg, MD USA

1319. Re: The Burt Challenge

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4vc7b1$fh9@freenet-news.carleton.ca>
Source record: 218560

Burt Fisher (k1oik@ccsnet.com) writes:

======= snip =======

>
> A man went to a guts store to get some guts for dinner. He sees a sign
> remarking on the quality of guts offered at this particular gut
> store. So he asks the butcher: "How much for A/V teacher guts?"
> "3 dollars an ounce."
> "How much for ham guts?"
> "4 dollars an ounce."
> "How much for ham A/V teacher guts?"
> "100 dollars an ounce."
> "Why is A/V teacher guts so much more?"
> "Do you know how many hams you need to kill to get one ounce of guts?
^Z
^^^^ sorry

> --------------4CD925067F65--
>

--

Bye for now, Frank Sved (VE3GID) at DG198@freenet.carleton.ca

1320. Re: burt's challenge

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <4vch84$ooq@info4.rus.uni-stuttgart.de>
Source record: 218561

>> if all who don't want burt here any more e-mail him and tell him if you
>> want to send him some "good and large files" i think he wants them
>> his e-mail add. is Fisher@meol.mass.edu
>
>Your postmaster ought to know that you are spamming me and I will
>hold you BOTH libel.

Talking about Postmasters, Mr. Fisher: The Massachusets
Education On-line net (meol) has some guidelines as to the contents
or Usenet-postings of their members. I think a large number
of complaints is called for.

1321. Re: Truckers on 14.3025

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <4vceo1$i4u@usenetp1.news.prodigy.com>
Source record: 218562

>There are only about 600,000 hams now I believe. Manu of them are old,
>will not be around long. I don't see as much growth as I believe is
needed
>to insure sufficient use of the bands in the future. If we don't use
them
>we can lose them. Look at 220.

Especially when these OLDE FAHRTZ continue to scare away large numbers of would-be amateurs by clinging on to the obsolete Morse code requirements.

-Drew in Sunny Central Florida-
KF4DDM

1322. Re: Three arrest in Mesa AZ interference case

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <4vcejb$i3s@usenetp1.news.prodigy.com>
Source record: 218563

>Their electronic equipment, including radios, computers, and
>telephones has been seized and numerous felony and misdemeanor
>charges are pending. They may also be facing sanctions from the
>FCC.

My, my...how times have changed! Not too long ago, the FCC would have
been there first to shut 'em down. Now, after the interference gets so
bad that local law enforcement responds with felony charges, the culprits
"may also be facing sanctions from the FCC."

What a joke! Nobody cares anymore.

-Drew in Sunny Central Florida-
KF4DDM

1323. Could it be true? Is this possible?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: Michael <mr.hogan@worldnet.att.net>
Message-ID: <321A04D5.6A64@worldnet.att.net>
Source record: 218564
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.misc

Is it true? Could this putz really have an account under another name?

mscott@teleport.com

Mr Scott never uses email without changing his From: or Reply to
interesting names like surprise2@where2.edu (Surprise2) among many
others, has a website that nevers uses his name. Yet this website
holds the information dedicated to a repeater in Beaverton Or.
Belonging to KA0SSF...

Go figure....

CBS Query for callsign: KA0SSF

Callsign: KA0SSF
Name: MACKEY JR, JOHN E
Address:
P.O. Box: 1586
City: BEAVERTON
State: OR
Zipcode: 970751586
Birthdate: Jan-12-1965
Date issued: Oct-24-1994
Date expires: Aug-14-2000
Last change: Oct-24-1994
License class: Extra

From surprise2@where2.edu (Surprise2)
Organization Myself & I-2
Date 13 Aug 96 17:48:39 GMT
Newsgroups rec.radio.amateur.misc
Message-ID <3210BFF7.5F7D@where2.edu>
References 1 2

Scott wrote:

> On Aug 03, 1996 15:19:43 in article <.435 repeater in L.A. homepage?
> Where?>, 'csupak <csupak@ucla.edu>' wrote:
>
> >I've been told that the 147.435 2M repeater in Los Angeles has a
> >homepage, of sorts, and I'd like the URL if anyone knows it, please.
> >

> >Thanks all

The 147.435 repeater in Portland Oregon is:

http://www.teleport.com/~mscott/dumb.shtml

From jherman@Hawaii.Edu (Jeffrey Herman)
Organization University of Hawaii
Date Thu, 15 Aug 1996 23:03:35 GMT
Newsgroups rec.radio.amateur.misc,rec.radio.amateur.policy
Message-ID <Dw7C1z.56n@news.hawaii.edu>
References 1 2

In article <320FBC7C.18BB@where2.edu>, Surprise2 <surprise2@where2.edu>
wrote:
>Robert Casey wrote:

>> Thought I heard a repeater on CB, but wait, the output's on 147.435 :-)

>mmmmm, be careful with such comments, there is more than one 147.435
>repeater.

>John Mackey, KA0SSF
>Owner, 147.435 repeater, Portland, Oregon

Hi John,
This thread had to do with the L.A. machine. Seems every chance you get
you call attention to you owning the 435 Portland repeater. Nothing can
be done about that, but the real problem I have with you is your anonymous
postings under the guise of "surprise2@where2.edu" - here was your latest
crude remark from that "address":

---------------Begin John Mackey KA0SSF's anonymous article----------------
Article 105549 of rec.radio.amateur.misc:
Xref: news.hawaii.edu rec.radio.amateur.misc:105549
rec.radio.amateur.policy:25609
Newsgroups: rec.radio.amateur.misc,rec.radio.amateur.policy
Path:
news.hawaii.edu!munnari.OZ.AU!spool.mu.edu!news.sgi.com!news.msfc.nasa.gov!newsfeed.intern
et
mci.com!newsxfer2.itd.umich.edu!howland.erols.net!vixen.cso.u
From: Surprise2 <surprise2@where2.edu>
Subject: Re: Ham's character
Content-Type: text/plain; charset=us-ascii
To: k1oik@ccsnet.com
Message-ID: <320FAD23.43E3@where2.edu>
Sender: news@onyx.indstate.edu
Nntp-Posting-Host: 208.5.147.156
Content-Transfer-Encoding: 7bit
Organization: Myself & I-2

References: <320494BF.3ED6@juno.com> <4ueod6$1el@unet.net.com>
<320BCF2B.79A1@ccsnet.com>
<NEWTNews.839786993.28413.gpewitt@execpc.com.execpc.com> <320EFE65.5
Mime-Version: 1.0
Date: Mon, 12 Aug 1996 22:16:03 GMT
X-Mailer: Mozilla 3.0b6Gold (Win95; I)
Lines: 16

Burt Fisher wrote:
> gpewitt@execpc.com wrote:
> > Burt wrote:

> > > My gear is still for sale.
> > > I claim that hams will not engage me L I V E when they are open to
> > > all listeners.

> > Eat sh*t and die Burt.

> How the typical gutless ham responds.

Burt Fisher you are a PUSSY so shut the fuck up.

You are dumb too.
------------------End John Mackey KA0SSF's anonymous post--------------

That particular post came from onyx.indstate.edu with the Organization
line reading "Myself & I-2." Your current "I own the Portland .435
repeater" came from biosys.apldbio.com with the Organization line also
reading "Myself & I-2." Both articles contain the address
suprise2@where2.edu, only this time you were actually dumb enough
to sign your name and callsign. I guess we should allow the possibility
that someone forged your name and call ("yeah, that's what happened")
but I believe that the accused is burdened in proving their innocence.

Prosecution rests.

Jeff KH2PZ

P.S. Any licensed ham can become a rptr owner - there's no virture
in that - and practically any transceiver can be made into a crude
rptr. Thus, you hold no special significance in the amateur community; but
now among the internet community you are scum for not having the courage
to use your real address to accompany your remarks.

From surprise2@where2.edu (Surprise2)
Organization Myself & I-2
Date 12 Aug 96 23:21:32 GMT
Newsgroups rec.radio.amateur.misc
Message-ID <320FBC7C.18BB@where2.edu>
References 1

Robert Casey wrote:
>
> Thought I heard a repeater on CB, but wait, the output's on 147.435 :-)

mmmmm, be careful with such comments, there is more than one 147.435
repeater.

:)

John Mackey, KA0SSF
Owner, 147.435 repeater, Portland, Oregon

1324. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: tim phillips <drx1@ix.netcom.com>
Message-ID: <32194B9C.5212@ix.netcom.com>
Source record: 218565
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Well,
I don't know where to start. Chris seems to be tring to end this crap.
If burt dosen't like hams he must not like himself! he would be the best
judge!!! THIS IS A HAM GROUP AND IF THAT IS NOT TO YOUR LIKING GO TO
REC.CB OR ALT LIFESTYLES don't wast your time repling to me i'll keep
skipping replies by name

tim

1325. Re: burt's challenge

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: n4jvp@ix.netcom.com
Message-ID: <3219e342.13948470@nntp.netcruiser>
Source record: 218566

On 20 Aug 1996 14:14:28 GMT, moritz@ipers1.e-technik.uni-stuttgart.de
() wrote:

>>> if all who don't want burt here any more e-mail him and tell him if you
>>> want to send him some "good and large files" i think he wants them
>>> his e-mail add. is Fisher@meol.mass.edu
>>
>>Your postmaster ought to know that you are spamming me and I will
>>hold you BOTH libel.
>
>Talking about Postmasters, Mr. Fisher: The Massachusets
>Education On-line net (meol) has some guidelines as to the contents
>or Usenet-postings of their members. I think a large number
>of complaints is called for.

Although I disagree with most of Burt's posts I must respect
his right to state his ideas and opinions. Burt does NOT post to this
newsgroup or any of the rec.radio newsgroups via his Massachusetts
Education On-line account, he uses his personal accounts. I seriously
doubt that the MEOL administrators would have any justifiable reason
to take any action against Mr Fisher concerning his posts made via
non-MEOL accounts.
They like you and I might not agree with the content of the
posts, but they will respect his right to have personal opinions and
his right to state them using a personal account. If Burt was posting
via his MEOL account, complaints might be justified, but he doesn't.
I am posting this from my office so you might want to complain
to my employer if you disagree...

73 de n4jvp
Fritz

1326. Re: Antenna Driving me nuts

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: bradleyg@sydney.DIALix.oz.au
Message-ID: <4vc3giedr1@sydney.DIALix.oz.au>
Source record: 218567
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna

Roy Lewallen (w7el@teleport.com) wrote:
: In article <3214DA66.40E4@crpl.cedar-rapids.lib.ia.us>,
: "William E. Sabin" <sabinw@crpl.cedar-rapids.lib.ia.us> wrote:
: >I have read that polyethylene losses at higher frequencies are due mostly
: >to hysteresis effects in the dielectric molecules caused by the
: >oscillating electric field, rather than by RF conductivity.
: >
: >Bill W0IYH
:
: Perhaps, but PE has very low loss to begin with. Among plastics, it's one
: of the lowest loss dielectrics you can get. PVC, on the other hand, comes
: in a wide variety of formulations, with fillers for color and probably
: to modify other properties as well. But I haven't yet seen PVC with
: appriciable loss at HF.
:
: Roy Lewallen, W7EL

Ooh, I have. I was silly enough to use a length of 2" dia pvc tube, grey
in colour, as a former for an atu coil. It didn't like being there, got
hot, and tried to leave the box though the holes in the bottom.

Brad Granger VK2QQ

1327. Re: Info-Hams Digest V96 #897

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: Godfrey.Vidal@TEMIC.COM
Message-ID: <01I8H6RZG7J6A0X6KF@SC.TEMIC.Com>
Source record: 218568

This is only a test...

1328. Re: Truckers on 14.3025

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: rik@nando.net
Message-ID: <rik-2008961343300001@news.nando.net>
Source record: 218569

In article <4vceo1$i4u@usenetp1.news.prodigy.com>, VUBS79A@prodigy.com
(Drew Durigan) wrote:

>>There are only about 600,000 hams now I believe. Manu of them are old,
>>will not be around long. I don't see as much growth as I believe is
>needed
>>to insure sufficient use of the bands in the future. If we don't use
>them
>>we can lose them. Look at 220.
>
>
>Especially when these OLDE FAHRTZ continue to scare away large numbers of
>would-be amateurs by clinging on to the obsolete Morse code requirements.
>
>
>-Drew in Sunny Central Florida-
> KF4DDM

It is my understanding that the "OLDE FAHRTZ" have little to do with this
issue. It is, I believe a result of ITU treaty negotiations worldwide.

Rik

--
Rik Rasmussen Raleigh NC USA
rik@nando.net http://www.webbuild.com/~rik/
amateur radio WA4BAN

1329. Re: 1,000,000 qsl cards thrown away per year

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: jrouse@infi.net
Message-ID: <4vcals$aud@nw101.infi.net>
Source record: 218570
Cross-posted to: uk.radio.amateur,rec.radio.amateur.policy,rec.radio.amateur.misc

Galen m.Barnaby (ny1t@ix.netcom.com) wrote:
: I was on a mountain top in Maine. I recognized a house belonging to a
: 90 year old lady. I stopped by her house to chat. She pointed to a
: densely wooded hill and said, when she was a girl the hill was
: blueberry fields. What a concept...trees could actually grow naturally.
:
: A friend went to Maine from the California desert. She was surprized to
: see that people cut trees to build houses. In the desest they plant
: trees when the build houses.
:
: City people see pavement preventing trees, country people see trees
: preventing pavement. (reminds me of the three blind men and the
: elephant)
:
: Why not plant a couple trees
:
Umm, did you perhaps walk into a tree ?

73, John KA3DBN
==:
: Yellowstone recovered

--
John L. Rouse Packet: ka3dbn@ka3rfe.md.usa.noa
Capital-Gazette Communications FAX: 301-464-7027
jrouse@dc.infi.net PHONE: 301-262-3700 X200
john.rouse@reporters.net 410-268-5000

1330. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: slwork@netcom.com
Message-ID: <slworkDwFqLu.Ir2@netcom.com>
Source record: 218571
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

Steve Wolf (no8m@apk.net) wrote:

: A good example was the "fact" that 50,000 children a year are abducted
: and we needed new laws to stem this tide. They passed a bunch of new
: laws, citing the dopey figure, without ever considering that it was
: a lie. The laws remain to show how harmful a well-meaning but terribly
: misdirected group can do.

They neglected to say that, perhaps, in 95 percent of these cases the
children were "abducted" by the child's non-custodial parent.

1331. Anyone Know K0ZM?????

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: grhosler@mmm.com
Message-ID: <4vcnua$31c@dawn.mmm.com>
Source record: 218572

I received a shipment of QSL's from the W0 Bureau last week and included was a card for K0ZM. The QSL was from JA7MGP for a QSO with K0ZM back in 1981. I thought that rather than return the card to the BURO that I would contact K0ZM to sent him the card directly. Unfortunately I am unable to locate this person using the Whitehorse callbook CD ROM, QRZ, Buckmaster, etc.. Was this call ever issued? Is the holder a SK? If anyone can help me with info regarding K0ZM, I'll be happy to pass it along to Toshi. Thanks in advance for the help.

73 & GUD DX de KN0Z Gary

Opinions expressed herein are my own and may not represent those of my employer.

1332. WTB MIDLAND 70-1000 PROGRAMMER

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: donaldt@ipars.sds.com
Message-ID: <4vd0i2$863@bogus.cts.com>
Source record: 218573

looking for a midland 70-1000 programming unit for e-proms
radios.

will paid cash

donaldt@sds.com

1333. Re: 1,000,000 qsl cards thrown away per year

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: raiar@inlink.com
Message-ID: <4vcp5p$c5@news2.inlink.com>
Source record: 218574
Cross-posted to: uk.radio.amateur,rec.radio.amateur.policy,rec.radio.amateur.misc

bert@skypilot.demon.co.uk (albert corker) wrote:

>the rsgb have 2,000,000 cards through per year but only 50% are
>collected. what a waste of trees by radio amateurs.
>what can be done to lessen this waste.
After reading all the comments that were placed to your post, I now
realize why ham radio is rapidly becoming as trashed as CB has.
The courtesy indicated by each and every reply to your post, proves
that courtesy is now non-existant in the ham bands.

The solution to waste is quit using bureaus and mail direct to the
intended party.

Those who don't take PRIDE in their contact's ALSO do not take PRIDE
in the hobby and it shows by their comments, attitude and usually
discourtesy on the bands.

TTUL
Gary

1334. Re: How to tell if you are a loser

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: 640600@anon.penet.fi
Message-ID: <4vcrae$b48@dfw-ixnews4.ix.netcom.com>
Source record: 218575
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.misc,policy,alt.support.divorce

Burt Fisher <k1oik@ccsnet.com> wrote:

> The National Loser Test

>If you answer yes to ANY of the following questions you are a loser:

>1. You hit your spouse.

>2. You are a child molester and think you ought not kill yourself.

>3. You ever drove drunk.

>4. You are a typical ham radio operator.

>5. You take illegal drugs.

>6. You cheated on your spouse more than once.

>7. You are in jail for a criminal conviction.

>If you answer YES to three of the following you are a loser:

>1. You are divorced and think you are not at all at fault.

>2. You are fat and think it is not your fault.

>3. You think alcoholism is a disease.

>4. You are on welfare

>5. You hit your children.

>6. You are "living with somebody."

>7. You use profanity frequently.

>8. You own a gun "for protection" but do not live in a dangerous area.

>9. You subscribe to Penthouse et.al.

>10. You are proud of being a homosexual.

>11. You are a member of N.O.W.

>12. You smoke.

>13. You dye your hair

>14. You do not defend those that you agree with for fear you will not be
>liked.

>15. You prefer doing anything over being with someone you truly love
>deeply (i.e. soulmate).

>16. You are two faced.

>15. Did not graduate high school

>3 yes= smalltime loser
>4-6 yes= moderate loser
>7-10 yes think about Dr. Kevorkian
>Over 10 yes= act on Dr. Kevorkian

>Please feel free to add your own.
>

You are a loser if you think you're qualified to determine who is
worth living.

You learned so much from your divorce, Burt. I think you need
another. There is still so much to learn!

1335. Re: .435 repeater in L.A. homepage? Where?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: John--Mackey--KA0SSF <no--place@any-where.com>
Message-ID: <321A0033.1924@any-where.com>
Source record: 218576

John Minger wrote:

> >: >147.435? Damn! That's the most messed up repeater in all of L.A. area.
> >: >
> [snip]
> >When they do shut the thing down - which is not often, the
> >characters do seem to go and infect other machines.
> >I'd say leave them there.
>
> No, no, no, no. If we don't intend to enforce the laws we make,
> then we ought to repeal them. If the ham community wants it cleaned
> up, then we can get it done. --and WE SHOULD!! Who is in charge --
> the LIDS that make 435 a cesspool, or the rest of us?

The problem is that you can't PRACTICALLY enforce the rules to the
extent
needed. Hell, it is LEGAL to swear on ham radio as long as you are not
doing so during prime hours or offending the normal listeners.

I operate the 147.435 repeater in Portland & have similar users
to the San Francisco & LA systems. We are providing a BADLY
needed service to the ham community by giving refuge to
the undesirables & helping keep the other system cleaner.

Unfortunately, there are to many anal retentive LIDS that
do not understand this.

1336. Re: B&W BWD 1.8-30 ant. review?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: armond@delphi.com
Message-ID: <pFIRRLL.armond@delphi.com>
Source record: 218577

The reason the SWR is so good on all the bands is that there is a big fat resisitor in the middle of it that eats up a portion of the power.

1337. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: lcw999@ix.netcom.com
Message-ID: <3219f665.8602685@nntp.ix.netcom.com>
Source record: 218578
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

Ref: Environmental Impact Reports...

Over the years, we have noted that there is a group within the
Environmental Agencies that tends to go bananas! To acquire
funds to increase staffs, set up new departments, etc., these
groups will go to any lengths to stampede the people, members
of Congress, into a tizzy! This is all intentional...they do not
necessarily know that anything is wrong...not enough data,
not enought testing, etc.

Sad situation, in an Agency as important as this one, that we
have these "whackos" still embedded there. They need to
be purged, their agendas are not in line with the real world
needs of an Agency of this importance. Out, out with them!

Recently, the "hole" over the Antartic filled in...ozone
has returned...years ago, some "real-world" Nasa scientist
warned the "whackos" of the Environmental Agency
that their statements were premature and not substantiated
with known historical fact...nor was there sufficient historical
data to make such a statement....however, the "whackos"
message was widely spread by the "media"...it was pronounced
as "fact"...nothing could be further from the truth! We all remember
the hue and cry...the sky is falling..the sky is falling..disaster..
more funds..more funds! Sick situation..sick..sick!.

Leonard...

On Thu, 15 Aug 1996 22:11:55 GMT, jherman@Hawaii.Edu (Jeffrey Herman)
wrote:

:Rob Neff <n7ory@primenet.com> wrote:
:>Perhaps the use of an HT helped keep the cancer cells at lower level
:>than they would have been without it?
:>
:>Just a thought.
:
:More like a fantasy. I am *very* sorry to read of your loss; statistics
:show 1 in 4 women will suffer from that form of cancer. But let's please
:keep emotion out of this ruling. Self-denial that RF cannot cause illness
:will only hurt yourself, but coming on here and stating that to hundreds

:of thousands of folks is irresponsible.
:
:Keep your HT at its lowest power setting (not only for health reasons
:but also to comply with Part 97). Use a speaker mic and hold the HT
:at arm's length when transmitting (who cares what that will look like -
:you'll be setting a good example).
:
:Be safe,
:Jeff KH2PZ

1338. What's our state of the art?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: pgsperseng@aol.com
Message-ID: <4vcr7m$42i@newsbf02.news.aol.com>
Source record: 218579

Hi gang,

I'd like some suggestions for a piece I'm writing.

Specifically, I'm the editor of Personal Engineering & Instrumentation News, and I plan to write my lead editorial in the October issue on the topic of ham radio. What I'm trying to do is break down the stereotype of an old fart sitting in front of a CW key or mike on the HF bands on a ragchew. I want to show my readers (all of whom are scientists and engineers) that we're doing some really nifty state-of-the-art stuff...that we're still the experimentors and innovators of old...that the hobby can present some interesting technical challenges.

So, what is the state of the art? What kind of unusual attention-grabbing things are we doing? Remember, I'm trying to grab their attention, so I have to present the examples in a non-esoteric way and come up with a few that really give the light-bulb effect (gees, hams can do *that* !!??!!)

Just off the top of my head (I'm only starting to think about this piece), things that come to my mind include:
* conversations with MIR and other space vehicles
* satellite operation (actually becoming pretty commonplace)
* moonbounce
* international packet networks.

I'll have room for only a handful of examples, but I'm wondering what *you'd* put in if you had the chance?

Thanks for any suggestions,
Paul, AA1MI

1339. burt's challenge

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: tim phillips <drx1@ix.netcom.com>
Message-ID: <321951BF.7485@ix.netcom.com>
Source record: 218580

if all who don't want burt here any more e-mail him and tell him if you
want to send him some "good and large files" i think he wants them
his e-mail add. is Fisher@meol.mass.edu

1340. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: jma@ih4gp508.ih.att.com
Message-ID: <4vd85v$dhm@ssbunews.ih.lucent.com>
Source record: 218581
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc

In article <32190CD5.450A@any-where.com>,
John--Mackey--KA0SSF <no--place@any-where.com> wrote:
>Rob Neff wrote:
>
>> > Rob Neff <n7ory@primenet.com> wrote:
>> >
>> > >Compliance in the face of stupidity is cowardice.
>
>Very true statement.
>
>
>> With the 2.5 watts my little HT puts out, I get into some of the
>> repeaters in the area marginaly, others not at all. With the 5 watt
>> pack, I get into most of them full-quieting, some of them marginaly.
>
>
>Hmmm, strange, 2.5 to 5 watts is only 3db. 3db is only 1/2 an S unit,
>certainly not much if any practical difference.

As I recall (it's been too many years to be sure) FM is subject to what
used to be called the "thershold effect" where a small increase in
received signal will make a substantial difference in perceived noise.
This is what gives rise to the "quieting" effect mentioned by the
original poster - as in full quieting.

So, it seems your observation might be correct for someone running
SSB phone but not FM phone. Don't know about ACSSB.

73
--
This posting is purely the personal opinion of
Ed Schaefer eschaefer@lucent.com ham radio: K9JMA

1341. Re: CORRECTION - FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: n7ory@primenet.com
Message-ID: <4vcvs2$s6f@nnrp1.news.primenet.com>
Source record: 218582
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.antenna

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>There is documented evidence that exposures of greater than 10 mW/cm^2
>can cause harm. In particular, cataracts or loss of focal flexibility
>due to RF heating of the lens of the eye, and in some cases cancers.

Provide us with the study(ies).

>Just as some people get away with smoking cigarettes for years without
>getting lung cancer, some people can get away with excess RF exposures
>for years without apparent harm. But statistically, the rate of cancers
>does increase with exposure in large populations. Milham found a doubling
>of cancer rates (compared to the rates of the general population) for some
>cancers in his study of deceased amateurs.

Nope, you're I'm not going to let that one slide by. There are too
many other factors that could lead to the onset of cancer in Amateurs.
PCBs, work hazards (a lot of hams are in high tech jobs) etc..
Statisticly speaking, statistics don't work. They are only as acurate
as the intent and will of the statistitian.

>The frequencies where (RF heating) exposures are most harmful to humans
>are in the range 30-300 MHz. That's why the standards require a lower
>exposure at those frequencies than at lower or higher frequencies. The
>reason for that is those frequencies are the ones which couple most
>strongly to the human body. That doesn't mean we can treat exposures

Couple? I suppose the good doctor had a flesh-dip meter? (GRIN) Did
he find that the subjects exhibited lower SWR characteristics when
loaded up for 30-300 Mhz operation vs. above/below?

"Well, we're not sure on this guy. Couldn't get the Gamma match to fit
on his arm, and he complained about where we put the SO-239."

>at other frequencies casually, but the evidence does indicate that
>higher or lower frequencies don't couple as strongly to the body.
>Therefore a higher exposure limit for them is tolerable.

I would much rather have a 20m antenna 10 yards from me, lit with
1.5kw then a 2.5gig magnetron at 750w. I wonder why microwave ovens
operate on the bands they do and not on 10m and 2m? And you say the
higher freqs are more subtle with regards to effect and heating? I
don't think so.

"Since the EPA regs were added, a lot of the guys who run QRO call a
QSO 'OM-BBQ'"

>The new MPE is 1 mW/cm^2 in the 30-300 MHz region. That gives at least
>a 10x safety margin (actually, the margin is probably greater than
>that since 10 mW/cm^2 is about the lower bound for noticable RF heating
>effects). At 100 mW/cm^2 and higher, however, effects can be very
>noticable very quickly. There are documented cases of amateurs being
>blinded by such exposures, literally overnight. (There is also industry
>evidence, in particular the IBEW has a case file on this.)

>Athermal effects, IE effects which aren't a result of RF heating,
>are a bit more questionable. There are population studies which go
>either way on this. If there are effects, they appear to either have
>a weak statistical association, or have to be coupled with an as yet
>unidentified co-factor. Something appears to happen in some people,
^^^^^^^^^^^^^^^^^^
Always looking for a reason. All in the name of safety. Never any
proof. Statistics are not proof, they are an indicator.
You can get one set of stats from the media, and read something
completely different from the MMWRs from the CDC!
(Morbidity and Mortality Weekly Reports)

EXAMPLE:
Like the 'assault weapons' crap. You hear how they are the preferred
weapons of criminals, and used in the majority of deaths in the
country. Then you read the Governments OWN statistics, you find out
that 'assault weapons' contributed to about .8% of total gun violence
in the US. (Firearm inflicted injury, 1995)

>but the mechanism isn't understood yet. Athermal effects have been
>most noticed at lower frequencies, particularly when those frequencies
>are pulsed at a low rate, IE in amateur radio that would correspond
>to OOK Morse style signals. In vitro studies have shown changes at
>the cellular level when exposed to fairly weak pulsed RF fields.

Oh no! An excuse to get rid of CW? (GAG)

>In particular, pulse rates in the 5-10 pps range have been shown
>to cause abnormal chromosome division. This is usually taken as an
>indication of a cancer causing agent at work.

Maybe this is the secret to evolution? If we didn't have small changes
in chromosomes, we probably would not exsist. And if we did, we would
probably all look exactly alike. I wonder what measurements are made
with respect to the amount of 'natural radioation' we receive on a
daily basis? The effects of cosmic rays on human development?

"If I had a dime every time somone claimed something causes cancer,
I'd have enought money to cure it." - Alter Reality

>Gary
>--
>Gary Coffman KE4ZV | You make it, | Due to provider problems

>Destructive Testing Systems | we break it. | with previous uucp addresses
>534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
>Lawrenceville, GA 30244 | |

Gary, I am not attacking you, please don't feel that way. But this a sore subject, and would like to continue asking the questions I feel need to be answered.

See ya..

Rob Neff (N7ORY)

1342. transmitter/ reciever..

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: aloysius@epix.net
Message-ID: <4vdbho$3rb@star.epix.net>
Source record: 218583

not sure if this is the right, group, but here goes.
I'm looking for schematics for a little reciver/ transmitter combo for use in my and my partner's motorcycle helmets as her voive is too petite to be heard at speed. PTT not necessary, crystal controlled is fine- im new to radio, so I'm looking for something that wont take much if any tweaking/calibration. Prefer images rather than ascii as I can NEVER figure out the ascii drawings...:) any picture format is fine..
im looking for a battery powered setup that transmits maybe 300 feet tops.(for when i give the second kit to a car driver)
email pls..
ALOYSIUS@EPIX.NET
TIA

1343. Want to know a Secret ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: "p.a.alkin" <alkin@imaginet.fr>
Message-ID: <321A2DD6.2EC2@imaginet.fr>
Source record: 218584
Cross-posted to: rec.radio.amateur.misc,rec.radio.cb,rec.radio.shortwave,rec.radio.swap,rec.railroad,rec.roller-coaster,rec.running,rec.scouting,rec.scuba,rec.skate,rec.skiing,rec.skydiving,rec.sport.baseball,rec.sport.baseball.college,rec.sport.cricket,rec.sport.disc,rec.sport.fencing,rec.sport.football.australian,rec.sport.football.canadian,rec.sport.football.college,rec.sport.football.misc,rec.sport.football.pro,rec.sport.golf,rec.sport.hockey

Hi..

Do you get utterly fed up with looking at a blank screen waiting for
the next Web page to download ?

Have you ever thought how wonderful it would be to tap in ALL your
requirements, send them on their way, then switch off the PC, and do
something useful like having a few beers with the boys, whilst your
personal valet rushed off and sorted the problems out for you.

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FREE INTERNET Secret please send me a BLANK email reply containing
the Subject line of " FREE SECRET " to ... alkin@imaginet.fr

There's no charge.

1344. PK-232 for sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: Larry or David Gibbs <gibbsl@libertynet.org>
Message-ID: <321A49C5.5326@libertynet.org>
Source record: 218585
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

Posted for David, KA3GLI, who will return Aug. 22.

AEA PK-232 multimode controller in excellent condx.

Needs upgrade if you want to operate PACTOR. As is runs PACKET, RTTY,
AMTOR, WEFAX, etc.

Unit is packed and ready to ship. $125 postpaid continental U.S.

Contact Larry, W3UIO, or David, KA3GL, at gibbsl@libertynet.org or
by phone.

Cochranville, PA
610-869-3183

1345. Mirage vhf & uhf amps

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: Jim Burke <burkejd@ifc.hsd.utc.com>
Message-ID: <1996Aug20.181142.16160@cronkite.res.utc.com>
Source record: 218586

Any one purchased a Mirage vhf/uhf amp for an ht. Pro's & cons greatly appreciated.

Thanks in advance.

1346. Re: transmitter/ reciever..

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: Cecil Moore <cmoore@sedona.intel.com>
Message-ID: <321A43AB.59DD@sedona.intel.com>
Source record: 218587

aloysius@epix.net wrote:
> ... her voive is too petite ...

Does your girlfriend know you're discussing her voive in public?

1347. TS-700 IC-290 JRC-JST-135

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: felipe@pobox.com
Message-ID: <4vdjke$2ggo@news-s01.ny.us.ibm.net>
Source record: 218588
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.swap

Hi,

I need manual or diagram or any information on any of these radio:

JRC's JST-135

ICOM IC-290

KENWOOD TS-700

Thanks and 73's

Felipe PU1WLF

1348. NEED: JRC - JST-135 diagram and/or manual

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: felipe@pobox.com
Message-ID: <4vdjk1$2ggo@news-s01.ny.us.ibm.net>
Source record: 218589
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equip,rec.radio.amateur.swap

mail to: felipe@pobox.com

1349. test

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: radiop@ix.netcom.com
Message-ID: <4vddm6$io2@sjx-ixn6.ix.netcom.com>
Source record: 218590

test

1350. Filth and Garbage Mouths

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: k1zat@dsport.COM
Message-ID: <Pine.GSO.3.95.960819233439.922A-100000@puff>
Source record: 218591

There has been a lot articles recently that contain obscene/filthy words (four letter specials), garbage that isn't approprate and reflects poorly on the *hams community.

While that kind of language is tolerated on USENET newsgroup, IT DOES NOT HAVE ANY PLACE IN AMATEUR RADIO NEWSGROUPS!

If you must use that kind of language, written or oral, do it someplace other than amateur radio newgroups. A likely place would be alt.garbage.mouth.filth You might find someone that likes it.

My .02 cents.

1351. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: n7ory@primenet.com
Message-ID: <4vdcqe$fci@nnrp1.news.primenet.com>
Source record: 218592
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc

jma@ih4gp508.ih.att.com (Ed Schaefer) wrote:

>John--Mackey--KA0SSF <no--place@any-where.com> wrote:
>> With the 2.5 watts my little HT puts out, I get into some of the
>> repeaters in the area marginaly, others not at all. With the 5 watt
>> pack, I get into most of them full-quieting, some of them marginaly.
>
>
>Hmmm, strange, 2.5 to 5 watts is only 3db. 3db is only 1/2 an S unit,
>certainly not much if any practical difference.

It does though. It makes a big difference.

>As I recall (it's been too many years to be sure) FM is subject to what
>used to be called the "thershold effect" where a small increase in
>received signal will make a substantial difference in perceived noise.
>This is what gives rise to the "quieting" effect mentioned by the
>original poster - as in full quieting.

NOD

>So, it seems your observation might be correct for someone running
>SSB phone but not FM phone. Don't know about ACSSB.

>73
>--
>This posting is purely the personal opinion of
>Ed Schaefer eschaefer@lucent.com ham radio: K9JMA

Rob Neff (N7ORY)

1352. Re: FS: All Ham Bands, Reply to Republican Congress

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: lcw999@ix.netcom.com
Message-ID: <3219fbda.9999870@nntp.ix.netcom.com>
Source record: 218593
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.amateur.policy

Ref: .EDU accounts...mostly liberals..Clinton oriented

Do note that the individual here, that is gushing over Clinton..
is a freeloader on an .EDU account..does this tell us something...
...the status-quo is fine folks..steal from the middle class and
re-distribute to "friends of the Demos" is the word of the day.
Those receiving the handouts from the demo's don't want
change..he is indeed a wonderful person! This is indeed
what the struggle is all about folks...there is a "vast"
difference in philosophy here...don't let the dems paint the
picture that "they are all the same"...not so, keep your
awareness level high...these are devious people.

Leonard...

....now please..please..back to shortwave issues..

On 17 Aug 1996 23:48:03 -0700, n7ory@primenet.com (Rob Neff (N7ORY))
wrote:

:daf19730@Rosie.UH.EDU wrote:
:
:
:>AGREED:
:> President William Jefferson Clinton is the greatest president since
:> George Washington.
:
:>Now can we get back to shortwave?
:
:GAG!
:
:

1353. Re: 1,000,000 qsl cards thrown away per year

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: Michael J Wooding <g6iqm@g6iqm.demon.co.uk>
Message-ID: <ur1aLFAKpfGyEwWW@g6iqm.demon.co.uk>
Source record: 218594
Cross-posted to: uk.radio.amateur,rec.radio.amateur.policy,rec.radio.amateur.misc

In article <4vcals$aud@nw101.infi.net>, John Rouse / Capital Gazette
<jrouse@infi.net> writes
>: Why not plant a couple trees
>:
>Umm, did you perhaps walk into a tree ?

You certainly would here at this QTH - we have, over the past 10 years,
planted around 12 trees and nurtured several other self set ones.

Mike

--
Michael J Wooding G6IQM email: vhf-comm@g6iqm.demon.co.uk
http://www.eolas.co.uk/ag/vhfcomm.htm & http://www.clearlight.com/~vhfcomm
KM Publications, 5 Ware Orchard, Barby, Nr.Rugby, CV23 8UF, UK
Tel: (0)1788 890365 Fax: (0)1788 891883
VHF Communications Magazine - Especially covering VHF, UHF and Microwaves

1354. Lightning Protection

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: Harry Clinton <ni4p1@hcc-uky.campus.mci.net>
Message-ID: <321A4236.2367@hcc-uky.campus.mci.net>
Source record: 218595

Lightning protection and static discharge information for towers, masts and antennas. Informative brochure. E-mail postal address you would like information sent.

1355. FS:NEW YAESU BATTERYS & SPEAKER MIC

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: John Lee <aw688@lafn.org>
Message-ID: <321A5418.464A@lafn.org>
Source record: 218596

FS:NEW YAESU BATTERYS & SPEAKER MIC

FNB-31 $ 40 +SHIP
FNB-38 $ 50 +SHIP
FNB-40 $ 35 +SHIP
FNB-41 $ 40 +SHIP

NEW YAESU SPEAKER MIC

MH-12 $ 20 + SHIP

1356. FS: MOTOROLA SPECTRA 900 TRUNKING RADIO

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: John Lee <aw688@lafn.org>
Message-ID: <321A544A.353A@lafn.org>
Source record: 218597

FS: MOTOROLA SPECTRA 900 TRUNKING RADIO

MD# D37KGA5JB7CK $ 600 OBO

MD# D37KGA5JB5DK $ 550 OBO

1357. Re: CORRECTION - FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: KD1YV <jimkd1yv@ix.netcom.com>
Message-ID: <321A6D32.CD@ix.netcom.com>
Source record: 218598
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.antenna

Gary Coffman wrote:
{snip}
Gary,

Thanks for posting the math for us. You saved me (and others, I'm sure) a lot of poring over reference manuals to work this all out.

{snip}
> I'll leave the uncontrolled exposure limit as an exercise. All you{snip}

Hmmm, now you're beginning to sound like a university professor :-)

73 de Jim, KD1YV

1358. Re: How to tell if you are a loser

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <321A5504.37D8@ccsnet.com>
Source record: 218599
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.misc,policy,alt.support.divorce

640600@anon.penet.fi wrote: (no guts to reveal my REAL nane).

You learned so much from your divorce, Burt. I think you need
another. There is still so much to learn!

I should get another divorce, after 17 years?

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#================#===#
| k1oik@ccsnet.com |
#===#
You cannot build a reputation on what you are going to do.

Henry Ford

1359. Re: What's our state of the art?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <4vd477$j1a@usenetp1.news.prodigy.com>
Source record: 218600

pgsperseng@aol.com (PGSPersEng) wrote:
>
>Hi gang,
>
>I'd like some suggestions for a piece I'm writing.
>
>Specifically, I'm the editor of Personal Engineering & Instrumentation
>News, and I plan to write my lead editorial in the October issue on the
>topic of ham radio. What I'm trying to do is break down the stereotype
of
>an old fart sitting in front of a CW key or mike on the HF bands on a
>ragchew. I want to show my readers (all of whom are scientists and
>engineers) that we're doing some really nifty state-of-the-art
>stuff...that we're still the experimentors and innovators of old...that
>the hobby can present some interesting technical challenges.

That's gonna be tough when, in 1996, we still require proficiency in a
19th-century communications mode in order to obtain an amateur license
with
HF privileges.

-Drew in Sunny Central Florida-
KF4DDM

1360. Re: SAMS Needs Your Electronics URLs

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: pip@shore.net
Message-ID: <4vcg3p$6a7@shore.shore.net>
Source record: 218601
Cross-posted to: rec.antiques.radio+phono,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.video.satellite.dbs,rec.video.satellite.europe,rec.video.satellite.misc,rec.video.satellite.tvro

In article <4varvc$d4_042@ns.idirect.com>, jadams@idirect.com says...

>I am preparing a book tentatively titled "Sam's
>Internet Guide to the Electronics Industry",

Um, this is yesterday's solution. Back in the dark ages of the internet (18 months ago) I used to use a book called the internet yellow pages. With the advent of the search engine (Alta vista, Lycos, Deja News etc...) it is easier and quicker to do an online search.

Good luck, I think you will need it.

--
Vs lbh pna ernq guvf, lbh ernyyl bhtug gb trg bhg zber

1361. Re: INFO: TenTec 2 Meter Mobile...

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: "Jeff M. Gold" <ttuweb@midtenn.net>
Message-ID: <3219B8FE.58C4@midtenn.net>
Source record: 218602
Cross-posted to: rec.radio.amateur.misc,rec.radio.swap,rec.radio.amateur.equipment

Bob Lott KC7OSZ wrote:

Bob,

I just did a review for 73 magazine (this month.. front cover).. it was
a great kit, works great... my friend built one and had similiar
results. The rig doesn't have scan and presently no DTMF mike (but it
is equipped and TT is investigating) the packet plug in the back works
great.. I put the optional amp in mine.. but never turn it on.

It was a super quality kits.. top of the line instructions.. you test
each stage as you build..

Highly recommend it.

73
Jeff, AC4HF

>
> Hi everyone
>
> Has anybody purchased and put togather one of thos 2 mtr. mobiles that TENTEC
> sells you in a kit? All the articles I have read say all a person needs is a
> VOM and some time on there hands. If anyone has taken the challenge and bought
> one of these rigs let me know if the time and effort that it takes to assemble
> the thing is worth it. I know you can buy lot's of used gear for around the
> same price it'll cost for the kit but it's the joy of building it that has
> caught my interest.
>
> Thanks Bob
>

1362. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: cgreenha@magnus.acs.ohio-state.edu
Message-ID: <cgreenha.448.321926B0@magnus.acs.ohio-state.edu>
Source record: 218603
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <4vb64t$akc@dfw-ixnews3.ix.netcom.com> kc5egg@ix.netcom.com(Gerald Schmitt) writes:

>Jeeze Chris don't you recognize irony when you read it. I got a giggle
>out of this post and I'm sure Jim did also. Perhaps even a few others
>of the less humor impaired.

"Sarcasm" is what you meant to say...not "irony". None the less, sarcasm and tounge-in-cheek humor dont work out too well in written form. Anybody on the 'net more than a month would know this.

>>I suppose thats why Gerry contacted my employer in an effort to get me
>>fired over my posts to Usenet.

>Chris,

>Jerry (spelled correctly) did not contact your employer in an effort to
>get you fired.

You contacted my employer, in an effort to get me disiplined, for what I wrote to Usenet. That is what you asked of them, and they laughed you off.

Its a crying shame someone would stoop to such lows, in an effort to attack someone, because they were "called out on the carpet", and made a fool of.

Just remember Gerry...it wasnt me who made you look a fool...you did that all by yourself.

>Jerry contacted your employer after you challenged him>to do so.

(yawn) More lies. YOU said "How would your employer feel about what you post?" And I said, "I dont care...I dont speak for them, and they dont censor me."

Then you contacted my employer...hardly an "invitation".

>Jerry felt some of your posts should have a disclaimer.

I didnt care what Gerry thinks then...I dont now...and neither does the University.

>Jerry's letter
>explained that and the fact he respected your right to>free speach but was concerned that what you were posting might seem to>have University sanction.

I told you before that I didnt speak for the university...and you STILL tried to get me fired...AFTER the fact.

>The reply asked me, as a Physician, to>explain to you your errors. Since I
>never represented myself as a>Physician (I am not) I assume I was not the
>only one to write to them.

Did your Mother ever tell you what you do when you "assume"? fact is, you were
the only one that wrote, and I still stand by my posts AS FACTS, and will post
then that way if I see fit.

>If I had wished to cause you harm at your job I could have done a much
>more effective job. Your entire library of 645 posts from the past year
>could have been forwarded to the head of the Utilities Department.

Your childish threats dont impress me Gerry (yawn). Would you like his address?
Hes a ham too.

>Including: the McDonalds FAQs, your nasty little exchanges on alt.
>homosexualty.politics or the Christmas hiding of Drew sorted by time
>posted,like during normal business hours. No Chris I never went after
>your job.

Boy Gerry...you REALLY need to get out more. Anybody who has so much hate,
that they would waste SO much of their time "researching" someone because
of what they post to Usenet, really needs to take a hard look at themself. I
have NEVER posted to a.h.p.

And I only post on my own time Gerry...nice try, and revert back to the
"assume" statement.

>With anyone else I would not spend the bandwidth to explain this to you
>publicly but since you keep misunderstanding my email then misquoting
>me perhaps this is best.

As opposed to your blatent lies?

>Since you seem to want to try me in the court
>of public opinion I'll let you apologize for the bandwith in the
>future.

Ok...I hereby apoligize to everyone for having to listen to Gerry's
hate-attacks, double talk, and lies.

>If you insist on blasting me in these
>newsgroups I reserve the>right to defend myself here.

You cast the first stone my friend.

>Hearing nothing I will
>not address this>subject further.

Fine, but when I see you pulling your double-talk, lies, and hate campaigns,
I reserve the right to comment as well.

>You commented in the past I never help anyone. Perhaps I can atone.
>Yes you can use the same 128kb chips for the KPC-3 and the KPC-9612

Rather childish Gerry...where were you when I was asking?

>I can get you a generic part number for them if you wish. I would not
>recommend the 512kb chips as they really load the lithium battery.

I have already installed my desired memory chip.

>I would also be willing to assist you getting on the FM bird and packet
>birds if you wish.

No offense Gerry, but the fact is, I would take your advice fixing my lawn
mower.

>I do both and have elmered a number of folks.

And you will forgive me if I say "I dont believe you".

Take care Gerry, and good luck.

Christopher K. Greenhalgh, N8WCT
Computer/Electronic Tech. II at The Ohio State University
E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

1363. New Ham Radio & More SW schedule

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: lenwink@indirect.com
Message-ID: <4valv6$cjr@globe.indirect.com>
Source record: 218645
Cross-posted to: rec.radio.shortwave,rec.radio.info,rec.radio.amateur.misc

The new shortwave schedule on WWCR for Ham Radio & More is:
Live on 7.435mhz, Sundays, at 2200utc, 6:00pm ET.
Tape:
0300utc, Sundays, 3.215mhz.
0900utc, Mondays, 3.210mhz.

73,
Len

Len Winkler, KB7LPW lenwink@indirect.com
P.O. Box 9219 kb7lpw@kc7y.az.usa.na
Phoenix, AZ. 85068-9219

Ham Radio & More Show (host); info at:
http://www.barc.org/barc/ham-more.html (Home Page) (Thanks BARC)
http://www.tapr.org/hrm (RealAudio site to hear past shows) (Thanks TAPR)

The Ham Radio & More Show airs LIVE each Sunday at 6:00pm ET,
(2200utc), on many local commercial stations throughout the country.
ALSO: LIVE on WWCR Shortwave, 7.435mhz. 100,000 watts.(Thanks WWCR)
ALSO: LIVE on RealAudio at: http://ww2.audionet.com/pub/kbnp/kbnp.htm (Thanks KBNP)

Also available tape delayed via WWCR Shortwave on Mondays,
at 0900utc on 3.210mhz and on Sundays, at 0300utc on 3.215mhz.

Support "WOG", the Written Only General!

1364. Three arrest in Mesa AZ interference case

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: barry@indirect.com
Message-ID: <4vb1k1$h0k@globe.indirect.com>
Source record: 218646

08/19/96

THREE ARRESTS IN MESA INTERFERENCE CASE

Friday evening August 16th and Saturday morning August 17th Mesa police, with the help of the ARA Interference Committee, FCC agents and several Mesa hams, executed search warrants and arrested 3 individuals who were suspected of causing interference by transmitting on police and public service frequencies. These individuals are also believed responsible for malicious interference and 911 abuse on numerous local repeaters, which is what lead the interference committee to their locations.

Their electronic equipment, including radios, computers, and telephones has been seized and numerous felony and misdemeanor charges are pending. They may also be facing sanctions from the FCC.

Watch your newspapers and the next squelch tail for details.

1365. New RF Rules to be discussed on show!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: lenwink@indirect.com
Message-ID: <4vajse$ba4@globe.indirect.com>
Source record: 218647
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.info,rec.radio.shortwave,rec.radio.amateur.policy

This sunday, 8/25/96, Ed Hare, KA1CV, ARRL Laboratory Supervisor, will
be the special guest on the Ham Radio & More Show. Ed will discuss the
new RF rules and regulations that will go into effect January 1, 1997.

What effect will it have on amateurs? What will amateurs need to do to
comply? Enforcement? Find out this and more this sunday.
Check out the show on RealAudio at the site below; listen to our
affiliated local radio stations, or try 7.435mhz(WWCR) shortwave.
The toll-free number to call during the show is 1-800-293-5366. Call
and ask Ed your questions.
73,
Len
Len Winkler, KB7LPW lenwink@indirect.com
P.O. Box 9219 kb7lpw@kc7y.az.usa.na
Phoenix, AZ. 85068-9219

Ham Radio & More Show (host); info at:
http://www.barc.org/barc/ham-more.html (Home Page) (Thanks BARC)
http://www.tapr.org/hrm (RealAudio site to hear past shows) (Thanks TAPR)

The Ham Radio & More Show airs LIVE each Sunday at 6:00pm ET,
(2200utc), on many local commercial stations throughout the country.
ALSO: LIVE on WWCR Shortwave, 7.435mhz and 12.160mhz, 100,000 watts.(Thanks WWCR)
ALSO: LIVE on RealAudio at: http://ww2.audionet.com/pub/kbnp/kbnp.htm (Thanks KBNP)

Also available tape delayed via WWCR Shortwave on Mondays,
at 0900utc on 3.210mhz; Saturdays, at 1600utc on 12.160mhz;
and on Sundays, at 0400utc on 5.065mhz.

Support "WOG", the Written Only General!

1366. Re: License required for CB radio repair

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: skerns@mail.talon.net
Message-ID: <4vb5q8$98f@crash.microserve.net>
Source record: 218648

I did not know that you still were required to have a license for
nav/com/RADAR on aircraft. When I left Beechcraft in 1982 anyone
who worked on transmitters had to have a license but the recent
magazines I read only talked about ocean going vessles and Satellite.
Now the only transmitters I repair are medical telemetry, you would
thing the FCC would include medical telemety under one of the services
that still require licenses. I guess that one slipped by them...

Steven Kerns N3FTI
Penn Biomedical Support, Inc.
General Radiotelephone Certificate # PG-3-5739
skerns@mail.talon.net

In article <4va8mh$3kl@gaudi.lahabra.chevron.com>, cwheeler@ccnet.com says...
>
>skerns@mail.talon.net (Steven Kerns) wrote:
>
>[edited]
>
>>>Im confused, I was under the assumtion that ANY transmitting device
>>>above a few milliwatts (not sure of the level) would require at least
>>>General Radiotelephone cert. in order to do any TX adjustment. Anyone
>>>else?
>
>>At one time a license was require but I guess the goverment
>>decided that the cost of licensing and enforcement was
>>not worth it. Now anybody can work any transmitter they wish,
>>the owner of the transmitter is liable for their equipment if
>>it causes interference. The only transmitters that still requires
>>a licensed technician is equipment mounted upon a sea going vessel.
>
>... and aircraft stations.
>
>Curtis
>KD6ELA / GROL / PP-ASEL
>

1367. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <4vb64t$akc@dfw-ixnews3.ix.netcom.com>
Source record: 218649
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In <cgreenha.442.321491D3@magnus.acs.ohio-state.edu>
cgreenha@magnus.acs.ohio-state.edu (Christopher K. Greenhalgh) writes:
>
>In article <4v1ul5$46n@dfw-ixnews6.ix.netcom.com>
kc5egg@ix.netcom.com(Gerald Schmitt) writes:
>
>>>Lack of respect for someone else's opinions are the specialty of
this
>>>newsgroup. That's why we are all here. You must be new here, huh ?
>
>
>>You are absolutely right. I agree with you completely on this.
>
>> 73 Jerry

Jeeze Chris don't you recognize irony when you read it. I got a giggle
out of this post and I'm sure Jim did also. Perhaps even a few others
of the less humor impaired.

>
>I suppose thats why Gerry contacted my employer in an effort to get me
>fired over my posts to Usenet.

Chris,

Jerry (spelled correctly) did not contact your employer in an effort to
get you fired. Jerry contacted your employer after you challenged him
to do so. Jerry felt some of your posts should have a disclaimer.
Jerry's letter explained that and the fact he respected your right to
free speach but was concerned that what you were posting might seem to
have University sanction. The reply asked me, as a Physician, to
explain to you your errors. Since I never represented myself as a
Physician (I am not) I assume I was not the only one to write to them.

If I had wished to cause you harm at your job I could have done a much
more effective job. Your entire library of 645 posts from the past year
could have been forwarded to the head of the Utilities Department.
Including: the McDonalds FAQs, your nasty little exchanges on alt.
homosexualty.politics or the Christmas hiding of Drew sorted by time
posted,like during normal business hours. No Chris I never went after
your job.

With anyone else I would not spend the bandwidth to explain this to you
publicly but since you keep misunderstanding my email then misquoting
me perhaps this is best. Since you seem to want to try me in the court

of public opinion I'll let you apologize for the bandwith in the future. If you insist on blasting me in these newsgroups I reserve the right to defend myself here. Hearing nothing I will not address this subject further.

You commented in the past I never help anyone. Perhaps I can atone. Yes you can use the same 128kb chips for the KPC-3 and the KPC-9612 I can get you a generic part number for them if you wish. I would not recommend the 512kb chips as they really load the lithium battery. I would also be willing to assist you getting on the FM bird and packet birds if you wish. I do both and have elmered a number of folks.

73 Jerry
>
>So which is it Gerry...you certainly dont practice what you preach?
>
>Double talk...nothing more than double talk. I wonder if he is a
>politician?
>
>
>
>
>
>Christopher K. Greenhalgh, N8WCT
>Computer/Electronic Tech. II at The Ohio State University
>E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
>AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

1368. Re: HELP: IS PC SWITCHING POWER SUPPLY OK???

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: Woody White <woody.white@worldnet.att.net>
Message-ID: <32197E42.156F@worldnet.att.net>
Source record: 218650
Cross-posted to: rec.radio.amateur,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Bry wrote:
>
> The other bad problem with many of those old switcher power supplies is
> that they generate a lot of RF hash!
Tight shielding, quality bypassing caps (ie: 500pf + .1uf + >10uf, and
ferrite choke in line should kill most noise.

Be sure your power supply includes minimum load resistor. Some may not.
If not, under light loading the supply could fall out of regulation.
Before hooking to $$ equipment, check voltage at all expected loads.

73, Woody

> ehoffman@total.net (Big Boy) scribbled:
>
> |I have a old crap 8088 'tole box' as you can say! With the power supply.
> It's
> |rated 7Amp at 12 Volts but i'm wandering if i can use it to supply my mobile
> |(used as a base) 13.8V tranceiver unit. I dont know much of switching power
> |supply technology and i want to know if it's safe. The problem may be when i
> |switch from RX to TX and from TX to RX... could there be a fatal burst of
> |voltage? Or peraps with a big cap, like 22 000uF, at the exit i can control
> |those peek?
>
> |Unfortunately, i dont have an scope to make charge test.
>
> |E-mail me on that please...
>
> |Thanks and 73 to all readers
>
>
> Brian Carling in Gaithersburg, MD USA

--
de Woody (WB4QXE) - woody.white@worldnet.att.net
Electron Microscopist/Microanalysist,
Ham radio "homebrewer", shade tree mechanic,
'90 Nissan 240SX, wish still had my Mcycle too!
.

1369. Re: 1,000,000 qsl cards thrown away per year

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: ny1t@ix.netcom.com
Message-ID: <4vbbmm$6qp@dfw-ixnews9.ix.netcom.com>
Source record: 218651
Cross-posted to: uk.radio.amateur,rec.radio.amateur.policy,rec.radio.amateur.misc

I was on a mountain top in Maine. I recognized a house belonging to a 90 year old lady. I stopped by her house to chat. She pointed to a densely wooded hill and said, when she was a girl the hill was blueberry fields. What a concept...trees could actually grow naturally.

A friend went to Maine from the California desert. She was surprized to see that people cut trees to build houses. In the desest they plant trees when the build houses.

City people see pavement preventing trees, country people see trees preventing pavement. (reminds me of the three blind men and the elephant)

Why not plant a couple trees

Yellowstone recovered

1370. Re: HELP: IS PC SWITCHING POWER SUPPLY OK???

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: mike_luther@ziplog.com
Message-ID: <4vbljc$t84@news.myriad.net>
Source record: 218652
Cross-posted to: rec.radio.amateur,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

In <32197E42.156F@worldnet.att.net>, Woody White <woody.white@worldnet.att.net> writes:
>Bry wrote:
>>
>> The other bad problem with many of those old switcher power supplies is
>> that they generate a lot of RF hash!
>Tight shielding, quality bypassing caps (ie: 500pf + .1uf + >10uf, and
>ferrite choke in line should kill most noise.
>
>Be sure your power supply includes minimum load resistor. Some may not.
>If not, under light loading the supply could fall out of regulation.
>Before hooking to $$ equipment, check voltage at all expected loads.
>
>73, Woody
>
>
>
>
>> ehoffman@total.net (Big Boy) scribbled:
>>
>> |I have a old crap 8088 'tole box' as you can say! With the power supply.
>> It's
>> |rated 7Amp at 12 Volts but i'm wandering if i can use it to supply my mobile
>> |(used as a base) 13.8V tranceiver unit. I dont know much of switching power
>> |supply technology and i want to know if it's safe. The problem may be when i
>> |switch from RX to TX and from TX to RX... could there be a fatal burst of
>> |voltage? Or peraps with a big cap, like 22 000uF, at the exit i can control
>> |those peek?
>>
>> |Unfortunately, i dont have an scope to make charge test.
>>
>> |E-mail me on that please...
>>
>> |Thanks and 73 to all readers
>>
>>
>> Brian Carling in Gaithersburg, MD USA
>
>--
>de Woody (WB4QXE) - woody.white@worldnet.att.net
>Electron Microscopist/Microanalysist,
>Ham radio "homebrewer", shade tree mechanic,
>'90 Nissan 240SX, wish still had my Mcycle too!
>..

The worst problem with them is a very subtle one that few people know about. When you take a lightning hit that raises or spikes your AC inbound supply lines and your supply lines go through one of these surge protector deals, you can have BIG time problems!

All switching power supplies that ride behind these surge suppressors with the MOV varistor avalanche devices have the potential to knee up the ground reference leg by about a 1 to 4 ratio of the input spike! Thus a 6000 volt spike that is clamped to ground by the surge protector box suddenly becomes a 1250 volt pulse on the ground system of the device that is tied to the switching power supply!

That is how network cards, serial I/O and parallel cards and so on, as well as the ground foil lines to the phone jack stuff through external modems gets blasted to bits on computers that are tied both to switching supplies as well as to these common MOV surge suppressed boxes.

Linear power supply devices are not commonly prone to this unique failure mode described above! It's nice to have that $25,000 insurance policy they sell you with each of these wonderful surge jobs. The problem is, that if you really do take a hit, it is almost CERTAIN with one that you WILL have to use the guarantee!

If you use a switching power supply for a ham power supply, you are asking for exactly the same kind of failure mode here. Worse, since you are usually not really well protected from an antenna standpoint, the use of switching power supplies for ham gear is a double disaster just waiting to blow your nice ham gear all to hades during even near misses.

I gave up using ordinary computers with switching supplies in ham gear or commercial radio installations a long time ago. I blew up virtually every computer that ever was involved in one during hits prior to that time. Since going to the Integrand Research industrial cases with the nice big old 40 pound pig iron linear supplies and isolation transformers, I have never (knock on wood), ever had a failure in the sites since.....

Mike @ W5WQN

mike_luther@ziplog.com

1371. Re: RF exposure/balanced line/inverted vee

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-20 00:00:00 UTC
From: Cecil Moore <w6rca@worldnet.att.net>
Message-ID: <4vblsn$oon@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 218653
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

pklein@news.seattleu.edu (Peter A. Klein) wrote:
>So, Cecil and other antenna mavens, what's da scoop?

Hi Peter, actually I'm still a tadpole, just beginning to grok.

What we need to do is come up with an RF sniffer that is easy
to build and the accuracy of which is guaranteed by design to
be close enough for semi-accurate measurements. Any takers?
Such a device should be a best seller. Anybody care to discuss
the challenge (if any) of such a design?

73, Cecil, W6RCA, OOTC

1372. Yaesu FT890, Ameritron Al-80A, MFJ DPS - FOR SALE!!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: xselsal@es.com.sv
Message-ID: <4vf8fm$ag1@ralph.vnet.net>
Source record: 218454

I would like to sell the following radio equipment:

I have a Yaesu FT890 with internal antenna tuner retail price 1600
USD... on
the used market they are bringing 900 to 1000 EASY

I have an Ameritron Al-80A 1 KW amp with full breakin built-in (no
relays,,,pin diode switching... you can send morse code and receive
between
the dits and dahs...it's slick!!) retail 1200 USD WITHOUT the full
breakin.... the pin diode board is around 300USD. Used it's worth
around 900
for a FAST sell WITHOUT full breakin

I have a MFJ DPS (digital signal processor) retail 250 USD....175 used
EASY

All I want is 1500 for all the stuff.....

Email reply to:

xselsal@es.com.sv

1373. Re: Truckers on 14.3025

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: adamkern <adamkern@tiac.net>
Message-ID: <4vfc8d$73k@news-central.tiac.net>
Source record: 218455

I am in high school, and I think that the code is great. I use it all the time. I have advanced, and am looking for extra soon.

73,
Adam Kern
N1TYF

1374. Re: 1,000,000 qsl cards thrown away per year

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: Michael J Wooding <g6iqm@g6iqm.demon.co.uk>
Message-ID: <wZbJROA+I2GyEwHi@g6iqm.demon.co.uk>
Source record: 218456
Cross-posted to: uk.radio.amateur,rec.radio.amateur.policy,rec.radio.amateur.misc

In article <4vcp5p$c5@news2.inlink.com>, "Gary V. Deutschmann, Sr."
<raiar@inlink.com> writes
>After reading all the comments that were placed to your post, I now
>realize why ham radio is rapidly becoming as trashed as CB has.
>The courtesy indicated by each and every reply to your post, proves
>that courtesy is now non-existant in the ham bands.

But you are making the assumption that this ng is Amateur Radio.

It is not - it is an Internet ng with a bias towards Amateur Radio.

Listen to a few *real* QSO's sometime.

Mike

--
Michael J Wooding G6IQM email: vhf-comm@g6iqm.demon.co.uk
http://www.eolas.co.uk/ag/vhfcomm.htm & http://www.clearlight.com/~vhfcomm
KM Publications, 5 Ware Orchard, Barby, Nr.Rugby, CV23 8UF, UK
Tel: (0)1788 890365 Fax: (0)1788 891883
VHF Communications Magazine - Especially covering VHF, UHF and Microwaves

1375. WTB: 6JS6 MP

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: cdyson@sog.com
Message-ID: <321b6733.1587589@news.redshift.com>
Source record: 218457

I am looking for a match pair of 6JS6's for my FT101. Must be new in box.

Reply via e-mail

Clarence WA6STX

cdyson@sog.com

1376. Re: Anonymous poster caught: J. Mackey (was: Re: CB repeaters)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: John--Mackey--KA0SSF <no--place@any-where.com>
Message-ID: <321B76F2.3008@any-where.com>
Source record: 218458
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Jeffrey Herman wrote:

> That particular post came from onyx.indstate.edu with the Organization
> line reading "Myself & I-2." Your current "I own the Portland .435
> repeater" came from biosys.apldbio.com with the Organization line also
> reading "Myself & I-2." Both articles contain the address
> suprise2@where2.edu, only this time you were actually dumb enough
> to sign your name and callsign. I guess we should allow the possibility
> that someone forged your name and call ("yeah, that's what happened")
> but I believe that the accused is burdened in proving their innocence.
> Prosecution rests.
> Jeff KH2PZ

HOORAY!!! you figured out that it was me!!!!! Gee, that was REAL TOUGH
since I ALWAYS sign my name & call to my messages.

Yea, I sent the message to Burt (K1OIK) calling him "dumb". He IS dumb.

I never denied it was me or even TRIED to hide it. You are a fool.

Go away

>
> P.S. Any licensed ham can become a rptr owner - there's no virture
> in that - and practically any transceiver can be made into a crude
> rptr. Thus, you hold no special significance in the amateur community; but
> now among the internet community you are scum for not having the courage
> to use your real address to accompany your remarks.

1377. Re: How to tell if you are a loser

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <321B69D9.68C4@ccsnet.com>
Source record: 218459
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,alt.support.divorce

Anthony R. Gold wrote:

> A teacher who believes that it is THREE times as bad to assault an
> adult as it is to assault a child.

I do not believe that. Nothing is worse than a child molester.

> Someone who claims to despise amateur radio and its users but who can
> not refrain from endless graffiti-like postings in their newsgroups.

I like to play with hams.

> Someone who replies to Burt Fisher :-(

Like you?

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#================#===#
| k1oik@ccsnet.com |
#===#
You cannot build a reputation on what you are going to do.

Henry Ford

1378. Mobile Installation in Dodge Spirit

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: Jim Finney <jpf@southeast.net>
Message-ID: <321BC629.174D@southeast.net>
Source record: 218460
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Hello,

Does any one know how to route a 12 volt cable through the firewall
of a 1993 Dodge Spirit. I currently have my FT-8000 wired to the
fusebox and would like to wire it directly to the battery.

Thanks for any suggestions.

Jim.. WA5VPW..

Jim Finney
jpf@southeast.net
http://users.southeast.net/~jpf
Jacksonville, Florida

1379. Re: WA8IMO wants to know !

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: Steve Wolf <no8m@apk.net>
Message-ID: <321B6544.483C@apk.net>
Source record: 218461

> I nor anyone else need justify their reasons for modifying radios. But

True ... for now, anyway. If instances of amateurs causing harmful
keep occuring, you will loose that "right".

The simple lack of a motive for needing a modified radio is evidence
as to the intention to cause interference.

I bet a bunch of prosecutors and juries would agree.

Anyone who modifies a radio for out of band interference ... oops, I mean
"use", without cause to need that modification, is asking for the trouble
they get. (This includes the trouble that will occur if their modified
radio is stolen and used criminally and then traced back to the owner.)

(Hey, Bob! WA8IMO! Can I use your flameproof suit as if the above doesn't
ignite a bruhaha, I don't know what will!)

--
73,
Steve
Internet: no8m@apk.net
Amateur Radio: no8m@no8m.#neoh.oh.usa.na
MSYS Mail List: msys-request@hamnet.org ('info' for title)

1380. Re: 1,000,000 qsl cards thrown away per year

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: Garrie Jantzen <garriej@marshfield.coosbay.k12.or.us>
Message-ID: <4vfsmp$pvd@news.coos.or.us>
Source record: 218462

How about "e-mail" QSL? Not as pretty (unless you attach a binary pic)
but certainly cheaper and easier on trees?

1381. J. Mackey (503)591-1991

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <321B8A4D.4E26@ccsnet.com>
Source record: 218463
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

John--Mackey--KA0SSF wrote:

> Yea, I sent the message to Burt (K1OIK) calling him "dumb". He IS dumb.
>
> I never denied it was me or even TRIED to hide it. You are a fool.

What is a person who argues with a fool?

KA0SSF MACKEY JR, JOHN E LIC ISU
24-OCT-1994
EXTRA P. O. BOX 1586 LIC EXP
14-AUG-2000
DOB 12-JAN-1965 BEAVERTON OR 97075-1586 LST UPD
24-OCT-1994

Is this you?

Mackey, J...Aloha Or...Beaverton, OR 97005
Phone: (503)591-1991
-
#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#================#===#
| k1oik@ccsnet.com |
#===#
You cannot build a reputation on what you are going to do.

Henry Ford

1382. FS:NEW YAESU BATTERYS & SPEAKER MIC

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: John Lee <aw688@lafn.org>
Message-ID: <321BADA5.A9C@lafn.org>
Source record: 218464

FS:NEW YAESU BATTERYS & SPEAKER MIC

FNB-31 $ 40 +SHIP
FNB-38 $ 50 +SHIP
FNB-40 $ 35 +SHIP
FNB-41 $ 40 +SHIP

NEW YAESU SPEAKER MIC

MH-12 $ 20 + SHIP

1383. WORLD WIDE DATABASE

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: roland.stiner@hobbs.com
Message-ID: <8C6D4D0.0029006914.uuout@hobbs.com>
Source record: 218465

To: radiop@ix.netcom.com
Subject: world wide database

R>send your name ,, call and internet address to-- radiop@ix.netcom.com
>for inclusion in the database

Roland Stiner, NK2U, ROLAND.STINER@HOBBS.COM

OLX 1.53 --------------> 73, de NK2U <----------------

* Origin: CyberNet BBS Lyndhurst, NJ (1:2604/151)

.....ooooooooo���OO0O0o
http://www.intac.com/~cono ___,-----.----+________#_
The Roy Hobbs BBS |________| |__|__________}
Moonachie N.J. 201.641.3126 ooooo oo ~ ooO-O-O-O == ��\
==

1384. Re: CORRECTION - FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug21.155557.3774@ke4zv.atl.ga.us>
Source record: 218466
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.antenna

In article <4vcvs2$s6f@nnrp1.news.primenet.com> n7ory@primenet.com (Rob Neff) writes:
>gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>
>>There is documented evidence that exposures of greater than 10 mW/cm^2
>>can cause harm. In particular, cataracts or loss of focal flexibility
>>due to RF heating of the lens of the eye, and in some cases cancers.
>
>Provide us with the study(ies).

There are a bunch of them. A summary of some relevent ones can be
found at the end of the NCRP Report No. 86 which is a major part of
the the basis for the standard the FCC has adopted. Dr. John Moulder
at the Medical College of Wisconsin maintains a number of FAQs on
non-ionizing radiation exposure. The FAQs have a large number of
references. Look over in sci.med for the FAQs.

>>Just as some people get away with smoking cigarettes for years without
>>getting lung cancer, some people can get away with excess RF exposures
>>for years without apparent harm. But statistically, the rate of cancers
>>does increase with exposure in large populations. Milham found a doubling
>>of cancer rates (compared to the rates of the general population) for some
>>cancers in his study of deceased amateurs.
>
>Nope, you're I'm not going to let that one slide by. There are too
>many other factors that could lead to the onset of cancer in Amateurs.
>PCBs, work hazards (a lot of hams are in high tech jobs) etc..
>Statisticly speaking, statistics don't work. They are only as acurate
>as the intent and will of the statistitian.

Statistics can show us correlations. Correlation is not necessarily
causation, but it is sufficient to cause us to take a closer look
for a causative link, and if strong enough, sufficient for us to take
prophylatic measures even if we haven't discovered the exact causative
link. For example, if I drop a 2 kg hammer on your foot from a height
of 1 meter, it may or may not break a bone depending on how it lands,
how dense your bones are, etc. Now if I drop the hammer on your foot
1,000 times, statistics say a bone will likely be broken because it
will strike with an edge on a small bone sooner or later and concentrate
enough force to break it. Or, I can take the hammer and drop it once
on each of 1000 people's feet and get roughly the same correlation.
Some people will have smaller bones, some will have brittle bones
(osteoporosis), some will just be unlucky with the impact angle, etc.

Correlation isn't 1 to 1 with causation, but if it is significantly higher than the number of broken toes I see among a population who isn't at risk of having a hammer dropped on their foot, l'm likely to recomend a prophylactic measure like steel toed safety shoes for people likely to get a hammer dropped on their foot even though I can't predict the outcome of any particular drop.

Now if I substitute a 200 kg safe for the hammer, the correlation is going to be so strong that I believe even you might consider wearing steel toed shoes. (That would be equivalent to an RF exposure significantly larger than 10 mW/cm^2.)

>>The frequencies where (RF heating) exposures are most harmful to humans
>>are in the range 30-300 MHz. That's why the standards require a lower
>>exposure at those frequencies than at lower or higher frequencies. The
>>reason for that is those frequencies are the ones which couple most
>>strongly to the human body. That doesn't mean we can treat exposures
>
>Couple? I suppose the good doctor had a flesh-dip meter? (GRIN) Did
>he find that the subjects exhibited lower SWR characteristics when
>loaded up for 30-300 Mhz operation vs. above/below?

Indeed, what is regulated is called SAR. SAR is similar in concept to REM for ionizing radiation. Different frequencies of ionizing radiation from soft X-rays to hard gamma have different effects on the body. While you might get the same number of RADs from a dental X-ray as you'd get from exposure to a cobalt 60 source, the REM (Rad Equivalent Man) exposure you'd get is very different. So it is also with SAR. Different frequencies are absorbed by the human body differently depending on a number of factors, including resonance effects, so in a sense the SWR *is* different when the body is excited at different frequencies.

The SAR for various frequencies is determined by calorimetry. The limit exposure is 4 W/kg of heat in the tissue. Experimenters (using corpses) subject the body to different frequencies of RF at a given surface power flux in mW/cm^2 and measure the energy deposited in the flesh for that power flux at that frequency. The result is the familiar chart seen in the ANSI and NCRP standards. Similar to a RAD to REM conversion chart, this chart shows the relative values of biological absorption for a given frequency and surface power flux.

Looked at in antenna terms, the human body is 1.5 to 2 meters tall, and serves as a resonant structure in that range. And when you look at the exposure chart, the frequency range between 30 and 300 MHz is, unsurprisingly, the one with the lowest permissible power density. Currently, SAR is measured only for whole body exposures, but there is some concern that various subparts of the body (notably the skull) form resonant structures at higher frequencies (such as cellular). By the time you get up into the microwave region, however, gross body structures are too large to be resonant, though there can still be localized hot spots in the body.

>"Well, we're not sure on this guy. Couldn't get the Gamma match to fit
>on his arm, and he complained about where we put the SO-239."
>
>>at other frequencies casually, but the evidence does indicate that
>>higher or lower frequencies don't couple as strongly to the body.
>>Therefore a higher exposure limit for them is tolerable.
>
>I would much rather have a 20m antenna 10 yards from me, lit with
>1.5kw then a 2.5gig magnetron at 750w. I wonder why microwave ovens
>operate on the bands they do and not on 10m and 2m? And you say the
>higher freqs are more subtle with regards to effect and heating? I
>don't think so.

Microwave ovens operate where there is ISM spectrum. There happens
to be an ISM band at 2.4 GHz, and magnetrons for that frequency
happen to be cheap to produce. Another ISM band (900 MHz) couples
more strongly to flesh, and is used in certain large commercial
RF ovens, but the circuits are more expensive to produce for a
given heating value, so consumer microwave ovens operate at 2.4 GHz.

There are other ISM bands too. One is 27 MHz. That is used for
plywood drying (hint: 8 foot sheets). Another is a spot frequency of
13.56 MHz (near 20 meters). An ideal frequency for heating flesh happens
to be near 1.4 GHz, the "waterhole" resonance, because the body is 70%
water, but that isn't an ISM band, so the oven manufacturers couldn't
use it.

>"Since the EPA regs were added, a lot of the guys who run QRO call a
>QSO 'OM-BBQ'"

Well, the EPA didn't set these regulations. The Telecommunications
Act of 1996 mandated the FCC to set these regulations based on the
best scientific evidence available, and that's the NCRP-86 and ANSI-92
standards.

>>The new MPE is 1 mW/cm^2 in the 30-300 MHz region. That gives at least
>>a 10x safety margin (actually, the margin is probably greater than
>>that since 10 mW/cm^2 is about the lower bound for noticable RF heating
>>effects). At 100 mW/cm^2 and higher, however, effects can be very
>>noticable very quickly. There are documented cases of amateurs being
>>blinded by such exposures, literally overnight. (There is also industry
>>evidence, in particular the IBEW has a case file on this.)
>
>>Athermal effects, IE effects which aren't a result of RF heating,
>>are a bit more questionable. There are population studies which go
>>either way on this. If there are effects, they appear to either have
>>a weak statistical association, or have to be coupled with an as yet
>>unidentified co-factor. Something appears to happen in some people,
>^^^^^^^^^^^^^^^^^^
>Always looking for a reason. All in the name of safety. Never any
>proof. Statistics are not proof, they are an indicator.
>You can get one set of stats from the media, and read something
>completely different from the MMWRs from the CDC!

>(Morbidity and Mortality Weekly Reports)

Yes, as noted above, correlation is not necessarily causation. But
as also noted above, it can be compelling reason to take prophylactic
measures. (That's particularly appropo for things like AIDS and HIV.
There is a very strong correlation between the presence of HIV in
the body and the development of AIDS. The exact mechanisms aren't
all known, and various co-factors may need to be present, but taking
prophylactic measures against HIV exposure is still a very prudent step.)
The same is true with low level RF exposures. There's no doubt whatsoever
that high level exposures to RF are harmful, immediately and drastically,
but there is also a strong enough correlation at low levels of exposure
for longer term effects to make it prudent to take prophylactic measures
by setting exposure limits.

>EXAMPLE:
>Like the 'assault weapons' crap. You hear how they are the preferred
>weapons of criminals, and used in the majority of deaths in the
>country. Then you read the Governments OWN statistics, you find out
>that 'assault weapons' contributed to about .8% of total gun violence
>in the US. (Firearm inflicted injury, 1995)

Indeed, but that proves nothing either. There are roughly 200 million
firearms in civilian hands in the US, less than 15,000 are used annually
for violent murder (or suicides). That's only 0.0075% of firearms. Most
of the ones used in crime are stolen.

The so called "assualt" weapons made up 8% of all firearms available
"off the rack" for sale prior to Comrade Clinton's ban. If gun type
choice were random, we'd expect roughly 8% of the weapons used in
violent crime would be "assualt" weapons. As you note, the number is
actually 10 times less than that. Does that mean criminals don't prefer
"assualt" weapons? Maybe, maybe not.

Criminals don't choose their weapons "off the rack" because they've
been forbidden to purchase weapons at retail since 1968. They get them
mainly by theft, and the most common firearm stolen is the Smith and
Wesson Model 10 (because there are millions of them out there in civilian
homes, and on police belts, the majority of police killings are with the
officer's own gun), so unsurprisingly, that's also the most common firearm
used in violent crime. But does that make it the weapon of *choice*?

Probably not. Given a *choice* criminals might prefer a submachinegun,
but they don't really have that choice because there are less than
150,000 of them in civilian hands, and they are generally well protected
against theft. So criminals have to settle for less than their preferred
choice and use what they can most easily get.

I happen to believe that criminals wouldn't make an "assault" weapon
their first choice anyway. They're no better than any other cosmetically
challenged semiauto rifle, and they are much harder to conceal than a pistol.
Since criminals generally have to be stealthy, big ungainly weapons aren't

very suitable. But the statistics don't prove that one way or the other.

>>but the mechanism isn't understood yet. Athermal effects have been
>>most noticed at lower frequencies, particularly when those frequencies
>>are pulsed at a low rate, IE in amateur radio that would correspond
>>to OOK Morse style signals. In vitro studies have shown changes at
>>the cellular level when exposed to fairly weak pulsed RF fields.
>
>Oh no! An excuse to get rid of CW? (GAG)

Actually, the evidence is pretty darn compelling. This is one of the
strongest associations between athermal RF and biological activity.
The range of 5-10 pps is also the range of brainwave activity, and
includes the 7.62 Hz resonance shown to have behavioral effects
in animals.

>>In particular, pulse rates in the 5-10 pps range have been shown
>>to cause abnormal chromosome division. This is usually taken as an
>>indication of a cancer causing agent at work.
>
>Maybe this is the secret to evolution? If we didn't have small changes
>in chromosomes, we probably would not exsist. And if we did, we would
>probably all look exactly alike. I wonder what measurements are made
>with respect to the amount of 'natural radioation' we receive on a
>daily basis? The effects of cosmic rays on human development?

Natural RF radiation exposure is truly minute. There is less than
300 kW-hr daily of naturally generated RF energy on a global basis.
(Mostly due to tropical lightning discharges.) Humans didn't evolve
in a high RF environment. It is only in the last 80 years that
humans have been exposed to any great extent to RF, electric, and
magnetic fields oscillating at ELF to SHF frequencies. That's not
nearly long enough to make an evolutionary adaptation.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1385. Re: CORRECTION - FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug21.175608.4569@ke4zv.atl.ga.us>
Source record: 218467
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.antenna

In article <321A6D32.CD@ix.netcom.com> KD1YV <jimkd1yv@ix.netcom.com> writes:
>Gary,
>
>Thanks for posting the math for us. You saved me (and others, I'm sure) a lot of poring
>over reference manuals to work this all out.

Note, there was an error in the H field calc. See the follow up
for a correction. Realize too that this is merely a crude approximation
based on an isotropic source. You have to adjust it for the parameters
of your actual antenna. It can serve as a ballpark estimate, but no
more.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1386. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug21.172903.4291@ke4zv.atl.ga.us>
Source record: 218468
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew

In article <3219f665.8602685@nntp.ix.netcom.com> lcw999@ix.netcom.com (Leonard Weldon) writes:
>Ref: Environmental Impact Reports...
>
>Over the years, we have noted that there is a group within the
>Environmental Agencies that tends to go bananas! To acquire
>funds to increase staffs, set up new departments, etc., these
>groups will go to any lengths to stampede the people, members
>of Congress, into a tizzy! This is all intentional...they do not
>necessarily know that anything is wrong...not enough data,
>not enought testing, etc.
>
>Sad situation, in an Agency as important as this one, that we
>have these "whackos" still embedded there. They need to
>be purged, their agendas are not in line with the real world
>needs of an Agency of this importance. Out, out with them!
>
>Recently, the "hole" over the Antartic filled in...ozone
>has returned...years ago, some "real-world" Nasa scientist
>warned the "whackos" of the Environmental Agency
>that their statements were premature and not substantiated
>with known historical fact...nor was there sufficient historical
>data to make such a statement....however, the "whackos"
>message was widely spread by the "media"...it was pronounced
>as "fact"...nothing could be further from the truth! We all remember
>the hue and cry...the sky is falling..the sky is falling..disaster..
>more funds..more funds! Sick situation..sick..sick!.
>
>Leonard...

The "hole" fills in every year as the polar vortex breaks
up and the stagnant air is diluted by fresh air from the mid
latitudes. This isn't new, or news. Certain conditions have to
exist for the ozone hole to form. The stratospheric temperature
has to drop below -60 C, the air mass must be stagnant, and
enough Cl or Br radicals have to be present to catalyze the
decomposition of ozone. That also happens once a year.

What has the "whackos" in a tizzy is that in the 1950s there
was no ozone hole that formed once each year, now there is.
As stratospheric Cl and Br radical concentrations have increased,
thanks mostly to CFC discharges, so has the size and duration of
the ozone hole.

Some of us may be tempted to say "so what" to this. The hole is confined to Antarctica and we don't live there (nor does anything else of much global importance). Some of the "whackos" (of the no sparrow, or spotted owl, shall fall variety) are agitated and alarmed. Perhaps we should ignore them. But there are also "whackos" of the "if this goes on" variety who we can't dismiss so lightly.

The global ozone level over the mid latitudes is thinning too. Because conditions aren't as extreme as in the polar vortex, there is no hole (and probably can't be a true hole) at the mid latitudes, but there is a measurable increase in shortwave UV getting through. *We* live in the mid latitudes. This should concern us, at least a bit.

On the flip side, low level ozone concentrations over our cities are increasing. This shields us from the UV leakage through the thinning upper atmosphere ozone layer. But the "whackos" want to *deplete* this ozone layer. They say it is bad for us to breathe. They're right too.

Perhaps there has been over-reaction (led by the "no spotted owl shall fall" crowd), but *some* reaction is prudent. Neither we nor the plants we depend upon have evolved to tolerate the higher levels of shortwave UV now getting through. A cautious step back from casual releases of Cl and Br radicals is warranted.

The dwell time for these radicals is on the order of 50 years, so there's no immediate way of knowing whether serious or trivial harm is being done until it is far too late to reverse the process. So it is wise to take prophylactic steps now in case the effects of increased UV in the mid latitudes causes large scale harmful effects.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1387. Re: How to tell if you are a loser

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: rmd@ka4ybr.netmha.com
Message-ID: <4vfnj2$hti@ka4ybr.netmha.com>
Source record: 218469
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,alt.support.divorce

In article <32199AA7.326@ccsnet.com>, Burt Fisher <k1oik@ccsnet.com> wrote:
> The National Loser Test
>
>If you answer yes to ANY of the following questions you are a loser:
>

N) You so crave attention that you post a 'loser list'.

'3 to qualify' additions

P) you can not tolerate differing world views

Q) you find it necessay categorize people based upon trivialities
such as high school graduation

R) your dog is more important than your neighbors chickens

-bob
--
Bob Duckworth Consulting, 960 Ralph McGill Blvd. Atlanta GA 30306-4447
bobs' address is rmd@ka4ybr.netmha.com 404-888-0389(V) 892-2301(FAX)
Buy Sell Trade Surplus Computer Electronics Datacom Telecom since 1981.
Fax or email your list for a fast cash offer. Watch for listserv catalog.

1388. British National Grid -> qra locator?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: Kissler@t-online.de
Message-ID: <4ve5rk$neb@news00.btx.dtag.de>
Source record: 218470

Hello,

is there a formula or program to calculate the qra locator or longitude/
latitude from the British National Grid (WAB)?

Tnx for any hint.

73 de Chris
(db4rc@db0lj.#rpl.deu.eu)

1389. Re: How to tell if you are a loser

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: terryr@voicenet.com
Message-ID: <4vnahr$o3m@gnews2.voicenet.com>
Source record: 218471
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,alt.support.divorce

Burt Fisher <k1oik@ccsnet.com> wrote:

>Anthony R. Gold wrote:

>> A teacher who believes that it is THREE times as bad to assault an
>> adult as it is to assault a child.

>I do not believe that. Nothing is worse than a child molester.

>
>> Someone who claims to despise amateur radio and its users but who can
>> not refrain from endless graffiti-like postings in their newsgroups.

>I like to play with hams.

>
>> Someone who replies to Burt Fisher :-(

>Like you?

Tony:
See? You were replying to everyone and St. Burt The Big CLULESS
Twinkie took it as you were replying TO *him*. St. Burt The Big
CLULESS Twinkie really believes that the world revolves around *him*.

I may reply ABOUT *him*, but I never reply TO *him*.

Terry

1390. Re: 1,000,000 qsl cards thrown away per year

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: Cliff Patten <cpatten@cbshack.demon.co.uk>
Message-ID: <5GKi5NAySkGyEwHt@cbshack.demon.co.uk>
Source record: 218520
Cross-posted to: uk.radio.amateur,rec.radio.amateur.policy,rec.radio.amateur.misc

In article <4vbbmm$6qp@dfw-ixnews9.ix.netcom.com>, ny1t@ix.netcom.com
writes
>I was on a mountain top in Maine. I recognized a house belonging to a
>90 year old lady. I stopped by her house to chat. She pointed to a
>densely wooded hill and said, when she was a girl the hill was
>blueberry fields. What a concept...trees could actually grow naturally.
>
>A friend went to Maine from the California desert. She was surprized to
>see that people cut trees to build houses. In the desest they plant
>trees when the build houses.
>
>City people see pavement preventing trees, country people see trees
>preventing pavement. (reminds me of the three blind men and the
>elephant)
>
>Why not plant a couple trees
>
>
>Yellowstone recovered

Two old men were talking about which was better, the city, or the
country.

The man from the city went on at length about the virtues of modern
systems and hi-tech computers ETC.

The man from the country said, "The way I see it, the city shouts about
the work of man... but the country whispers about the work of God"

Best regards,
--
Cliff Patten G0GDW

1391. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: "Brian E. Oakley" <boakley@imagin.net>
Message-ID: <321A7AD9.35E7@imagin.net>
Source record: 218521
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

Rob Neff wrote:
>
> jherman@Hawaii.Edu (Jeffrey Herman) wrote:
>
> >More like a fantasy. I am *very* sorry to read of your loss; statistics
>
> Fantasy? RF is used all the time in medicine. Tell that to the
> Chiropractor that totaly screws up 10m with his massaging wand. Uses
> RF in the 27-28 MHz band to warm tissue deep inside. Tell that to my
> Dentist who used an 'Radio Scapel' to trim back my gums the other day.
>
> >show 1 in 4 women will suffer from that form of cancer. But let's please
> >keep emotion out of this ruling. Self-denial that RF cannot cause illness
> >will only hurt yourself, but coming on here and stating that to hundreds
> >of thousands of folks is irresponsible.
>
> No self denial. It would be irresponsible to keep quiet and bend over
> for crap like this. They show proof that it harms, and how, then we
> will worry about it. I thought we stopped using 'blood-letting' as a
> treatment a long time ago, what they sugguest is the same thing.
>
> 'We don't know what it is, or if it is at all, but slit their rists
> and let some blood out just in case.'
>
> >Keep your HT at its lowest power setting (not only for health reasons
> >but also to comply with Part 97). Use a speaker mic and hold the HT
> >at arm's length when transmitting (who cares what that will look like -
> >you'll be setting a good example).
>
> Compliance in the face of stupidity is cowardice.
>
> >Be safe,
> >Jeff KH2PZ
>
> Ditto..
>
> Rob Neff (N7ORY)Hey Rob, go talk to W5RWW, he can teach you a little bit. 73. Brian.

1392. Re: How to tell if you are a loser

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: terryr@voicenet.com
Message-ID: <4ve096$skj@gnews2.voicenet.com>
Source record: 218522
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.misc.policy,alt.support.divorce

NOW you know how *he* got the name St. Burt The Big CLUELESS Twinkie (which started out as St. Burt The Big Idiot). :)))) My dear ole Pappy use to say "Thieves see everyone around them as theives." Rough translation: if St. Burt The Big CLUELESS Twinkie views people around him as that which *he* outlines, it's a pretty good chance that all of it applies to *him*. Yes, St. Burt The Big CLUELESS Twinkie thinks that *he* is above everyone that *he* interacts with and does not hesitate to tell everyone that. :) What a fool!

Terry

640600@anon.penet.fi wrote:

>Burt Fisher <k1oik@ccsnet.com> wrote:

>> The National Loser Test

>>If you answer yes to ANY of the following questions you are a loser:

>>1. You hit your spouse.

>>2. You are a child molester and think you ought not kill yourself.

>>3. You ever drove drunk.

>>4. You are a typical ham radio operator.

>>5. You take illegal drugs.

>>6. You cheated on your spouse more than once.

>>7. You are in jail for a criminal conviction.

>>If you answer YES to three of the following you are a loser:

>>1. You are divorced and think you are not at all at fault.

>>2. You are fat and think it is not your fault.

>>3. You think alcoholism is a disease.

>>4. You are on welfare

>>5. You hit your children.

>>6. You are "living with somebody."

>>7. You use profanity frequently.

>>8. You own a gun "for protection" but do not live in a dangerous area.

>>9. You subscribe to Penthouse et.al.

>>10. You are proud of being a homosexual.

>>11. You are a member of N.O.W.

>>12. You smoke.

>>13. You dye your hair

>>14. You do not defend those that you agree with for fear you will not be
>>liked.

>>15. You prefer doing anything over being with someone you truly love
>>deeply (i.e. soulmate).

>>16. You are two faced.

>>15. Did not graduate high school

>>3 yes= smalltime loser
>>4-6 yes= moderate loser
>>7-10 yes think about Dr. Kevorkian
>>Over 10 yes= act on Dr. Kevorkian

>>Please feel free to add your own.
>>

>You are a loser if you think you're qualified to determine who is
>worth living.

>You learned so much from your divorce, Burt. I think you need
>another. There is still so much to learn!

1393. Colo 14er Event on Sunday

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: bobw@col.hp.com
Message-ID: <4ve7ei$6i8@nonews.col.hp.com>
Source record: 218523

COLORADO 14ER RADIO EVENT ANNOUNCEMENT

The 1996 Colorado 14er Radio Event will be held Sunday, August 25th. During the event, a group of amateur radio operators will operate portable from the summits of various Colorado 14000 foot mountains. The operating times will be from 9 AM to 12 Noon local time.

Radio amateurs are encouraged to work as many of the mountaintop stations as possible. However, this is NOT A CONTEST, no points are awarded, no scores recorded. A special event QSL card can be obtained by QSLing to the mountaintop station's home QTH (please include a Self-Addressed Stamped Envelope). Most mountaintop stations will be running low power handheld radios. To reduce QRM, PLEASE DO NOT USE HIGH POWER (more than 50 Watts) and do not call 14er stations unless you can hear them.

Radio operators with 14er hiking experience who wish to participate should contact Bob, KB0CY at (719) 488-0859 or bobw@col.hp.com. To avoid having multiple stations on the same peak, radio amateurs that want to participate must coordinate with KB0CY.

Frequencies used during the event:

146.43 MHz Longs Peak
146.46 San Juan Range (Handies, Redcloud, ...)
Sangre de Cristo Range (Crestone, Humboldt, ...)
146.49 Bierstadt, Grays and Torreys
146.55 Coordinating Frequency
(Net Control, Pikes Peak)
146.58 Mt. Evans
147.42 Elk Range and North Sawatch Range
147.45 Mosquito Range (Quandary, Lincoln, ...)
147.48 South Sawatch Range (Huron and peaks south)
147.51 Pikes Peak (QSOs)
147.54 Reserved for Mountaintop Stations Only

223.5 Primary 222 MHz frequency

446.000 Primary 70 cm frequency
446.025 Alternate 70 cm frequency
446.050 Alternate 70 cm frequency

52.525 Primary 6M FM frequency

Other bands/modes: standard calling frequencies

1394. Re: burt's challenge

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <4veqbj$o60@info4.rus.uni-stuttgart.de>
Source record: 218524

>They like you and I might not agree with the content of the
>posts, but they will respect his right to have personal opinions and
>his right to state them using a personal account.

Are you sure, the right to express ones opinion automatically
includes notorious flame baiting and flooding newsgroups with
off-topic and offensive comments?

>If Burt was posting
>via his MEOL account, complaints might be justified, but he doesn't.

But he often proudly quotes the meol account in his sig.

bye.

1395. Re: WA8IMO wants to know !

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: n7ory@primenet.com
Message-ID: <4vfb1s$9lh@nnrp1.news.primenet.com>
Source record: 218525

jherman@Hawaii.Edu (Jeffrey Herman) wrote:

>georgehe@unix.asb.com () wrote:

>>How about volunteer firemen who use their ham gear for their
>>part in the fire service ?

>He shouldn't have to. Either his department issues him one, or he should
>buy one for himself and not be so cheap. Lots of public radios being
>advertised on rec.radio.swap.

>When you modify your 2M radio to xmit out-of-band it's *imperative* that
>you put the radio on a spectrum analysizer to insure you're not going to
>cause trouble for other services. But why even do the mod? By telling the

Sorry Jeff, but when does removing a diode, or holding down a few keys
re-tune the transmitter to cause interference?

>world you've done this you're telling us you're able to justify breaking
>federal law, and that you're too cheap to buy a radio designed for such
>comms.

GAG! I don't believe I read that from you!

Jeff, radios are similar to guns in this respect. Just because I have
one does NOT mean I will comit a crime with it. It is the operator and
his intent for use of the device, not the device.

There have been times when I could not reach any amateurs on 2m or 440
when out on the road. But scanning the PS bands, I could hear all
kinds of activity. If I am in a life and death situation, I would
much rather risk losing my license than die, or watch someone die
because I'm afraid to go 'out of band'.

I nor anyone else need justify their reasons for modifying radios. But
should those modified radios be used in a destructive manner, they and
the operator should be dealt with accordingly. Take KC7QPJ for
example, here in Phoenix (Mesa). May he and his co-horts reap the
fruits of their labor, and others learn from it.

>Jeff KH2PZ / KH6 (former fireman)

Rob Neff (N7ORY)

1396. RCI-2950 For Sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: WLHP67A@prodigy.com
Message-ID: <4vdrqh$npc@usenetp1.news.prodigy.com>
Source record: 218526

SUBJECT: RCI-2950 For Sale
I have a Ranger 2950 10-11 meter radio, 14 AMP Power supply, Cobra Power mic, DOSY SWR/Watt/MOD Meter. $300 Firm. The radio is fully modified and comes in original box. Everything works and is in GREAT condition!!! I will ship COD for your certified check. E-mail me with any questions you might have. wlhp67a@prodigy.com

1397. Re: How to tell if you are a loser

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: "Anthony R. Gold" <tgold@tgold.dialup.access.net>
Message-ID: <840650279snz@tgold.dialup.access.net>
Source record: 218527
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,alt.support.divorce

In article <32199AA7.326@ccsnet.com> k1oik@ccsnet.com "Burt Fisher" writes:

> If you answer yes to ANY of the following questions you are a loser:
>
> 1. You hit your spouse.

> If you answer YES to three of the following you are a loser:
>
> 5. You hit your children.

> Please feel free to add your own.

A teacher who believes that it is THREE times as bad to assault an
adult as it is to assault a child.

Someone who claims to despise amateur radio and its users but who can
not refrain from endless graffiti-like postings in their newsgroups.

Someone who replies to Burt Fisher :-(

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

1398. Opinions of TenTec 6-meter transverter

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: zommbee@nwlink.com
Message-ID: <4vfkth$4qn@texas.nwlink.com>
Source record: 218528
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment

I recently put out a posting looking for 6 meter gear, and almost
everyone who replied said the TenTec transverter is the best
way to go for the money. It sure sounds like it. But I have
a few questions maybe some one can answer:

1. I use a TS820S. Is the transverter output plug-and-play with the
TenTec unit? or do I still need to run off the main SO239 and crank
the power down to 5 watts.

2. How is the performance, with say a 3 element yagi of the homebrew
variety?

3. How does the frequency read out? I assume I would shoot 10 meters in
and use some sort of table to convert 10m to 6m, using the 500khz
scale to keep track of the actual 1khz freq. Is this how it works?

4. How tricky is the kit to build and get going? I built converters
years ago (tube days) and they were quite simple. Is the TenTec
along those lines, or is it fussy?

5. I assume, by the name Transverter, that this is a receive converter
as well. Is this true?

6. What is your overall opinion?

I hope I haven't asked too much! I don't have alot to spend on gear and want
to make sure I spend it wisely. There's nothing better than the internet
for getting opinions (whether you want to or not!!), and I often base
buy decisions on what I hear in these groups.

Email replies to :

Dave WB7AWK
zommbee@nwlink.com or
lespaul@nwlink.com

1399. Opinions of TenTec 6-meter transverter??

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: zommbee@nwlink.com
Message-ID: <4vflcq$6dc@texas.nwlink.com>
Source record: 218529
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

I recently put out a posting looking for 6 meter gear, and almost
everyone who replied said the TenTec transverter is the best
way to go for the money. It sure sounds like it. But I have
a few questions maybe some one can answer:

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scale to keep track of the actual 1khz freq. Is this how it works?

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along those lines, or is it fussy?

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as well. Is this true?

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I hope I haven't asked too much! I don't have alot to spend on gear and want
to make sure I spend it wisely. There's nothing better than the internet
for getting opinions (whether you want to or not!!), and I often base
buy decisions on what I hear in these groups.

Email replies to :

Dave WB7AWK
zommbee@nwlink.com or
lespaul@nwlink.com

1400. Re: License required for CB radio repair

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: William Vaughn <billv@olympus.net>
Message-ID: <321AB7CB.3978@olympus.net>
Source record: 218530

> Yep... you're right Jack. The GROL is the ticket for aviation and marine repair.
> GMDSS (satellite) further requires the GMDSS Maintainer endorsement to repair.
> --
>
> Best regards, Stan

The GMDSS license is required to maintain equipment. GMDSS is an acronym
for Global Maritime Distress & Ship safety. The maintenance of this
equipment requires the knowledge to maintain different communication
systems. More information can be found at:
http://www.navcen.uscg.mil/marcomms/gmdss/gmdss.htm
Its fascinating, check it out. It's not just for satellites anymore:)

Bill, KB7MRF

1401. Re: Look for mac packet radio programm

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: john@wd1v.mv.com
Message-ID: <john-2108960322130001@wd1v.mv.com>
Source record: 218531

In article <Philippe.Ayer-1808960317200001@philayer.dial.mcnet.ch>,
Philippe.Ayer@mcnet.ch (Philippe Ayer) wrote:

> Hello
>
> I look for a paket radio programme for macintosh
> if you have one you can post it to me please (if possible)
>
> Thank your very much
>
> My E-mail Philippe.Ayer@mcnet.ch

Check out my home page for the latest listing of all mac ham radio
software.

73,

John D. Seney |_|_|_|_| john@wd1v.mv.com
144 Pepperidge Dr |_| |_| page 5956779@skymail.com
Manchester, NH 03103-6150 |_|_ _|_| wd1v@wb1dsw.nh.usa.noam
voice mail 603.533.3472 | | | | | fax 603.627.1623

www.mv.com/ipusers/wd1v
Digital Scope.FAQ + Application Notes

1402. VE-Linderhusrt,LI Aug 25

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: tomcar@newshost.li.net
Message-ID: <4vfm0g$krl@linet06.li.net>
Source record: 218532

The Great South Bay ARC hosts ARRL amateur radio exams every 4th
Sunday at 12 noon. Please note the change for the month of June.
Re-scheduled because of Field Day and Father's Day.

Exams are given from Novice to Extra class.
All exams are ARRL/VEC, CW exams are multiple choice w/ full headphones.
The examination site is in the ARES/RACES room located in the basement.
Access is at the rear of the building via stairs. Ring RED (TOP) buzzer
for entry.

Location: Babylon Town Hall
Emergency Operations Center
200 E. Sunrise Hwy.
North Lindenhurst, NY

Talk in : 146.685/r 136.5pl

Please bring the following:
- Photocopy and original of current Amateur Radio License if licensed.
- Photocopy and original of CSCE(s) that are current.
- two forms of ID, at least one photo ID.
- pens or pencils.
- Calculator for math problems on exams, no pocket computers are allowed.
- 1996 Exam fee is $6.05, please bring exact change.
* Novice exams (elements 1A & 2) are free.

For addition information you may contact:

Tom Carrubba KA2DFO (516) 422-9684 or 422-9594
Walter Wenzel KA2RGI (516) 957-0218

Visit the GSBARC homepage! http://members.aol.com/gsbarc
Watch for our HAMFEST announcement for Oct 27, 1996

1403. Re: Truckers on 14.3025

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <4ve1m7$4va@cc.iu.net>
Source record: 218533

In <rik-1808961558230001@news.nando.net>, rik@nando.net (Henrik Rasmussen) writes:
>There are only about 600,000 hams now I believe. Manu of them are old,

isn't the number closer to about 750,000?

>will not be around long. I don't see as much growth as I believe is needed
>to insure sufficient use of the bands in the future. If we don't use them
>we can lose them. Look at 220.

well, we didn't exactly lose 220...still have 222-225 MHz that's primary amateur
and some opportunities for some stuff at 219 MHz.

>I agree. However, if the old farts on the bands keep acting like immature
>cbers we may have a hard time defending our use if it ever comes under
>attack. I am often embarressed to show a visitor what is going on on HF.

somehow we got to gets the peer pressure going on the few idiots.

>I hope you are right, but I fear the ham radio hobby is deteriorating like
>many other aspects of our society.

but who says that we have to follow the same philosophy of decay? it's
just so trendy today to claim everything's deteriorating as an excuse to
be lazy and lay back and watch another video on MTV.

everything needs upkeep. what's probably wrong is that we had a break in the
flow of people into the service..this is resulting in folks that have been stuck
doing a job for a long time (say, the guys that are the "inner circle" of a radio
club..) not knowing how to deal with newcomers in a manner that will bring
them into the organization and groom them for their turn in the box...

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

1404. kenwood 2 meter allmodes (AL COPP)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: acopp@wrdis01.robins.af.mil
Message-ID: <960821195025539@FrontierTech.COM>
Source record: 218534

Hello to the group,
I am in the market for a 2 meter allmode, and have been considering a kenwood TS700SP or the TS711. Anyone out there familiar with these units, pros and cons I plan to look for one at the Shelby Hamfest.
Please email me at this address or AKCOPP@AOL.COM.
Thanks,
AL COPP
KF4GKV

1405. WANTED SPANISH TUTOR SOFTWARE

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: dwhowell@iamerica.net
Message-ID: <4vfq1n$75f@ns3.iamerica.net>
Source record: 218535

Wanted:
Spanish Tutor Software. For DOS or Windows 3.1. Anything will be
appreciated. Please email me.

Thanks
dwhowell@iamerica.net

1406. Re: What's our state of the art?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: Mark Brown <kb0pyo@starpoint.net>
Message-ID: <321B90AF.3329@starpoint.net>
Source record: 218536

PGSPersEng wrote:
>
> Hi gang,
>
> I'd like some suggestions for a piece I'm writing.
> Hi
Just a small thought, how about 1296 & above eme being done with
small 10' satelite tv dishes & relatively low power (200-300 watts)for a
signal off the moon. This would include the building of your own
tsansverter (not much commercial gear for the higher bands), using DSP
technology to help pull that weak CW signal out of the noise etc.
Mark

1407. Re: Opinions of TenTec 6-meter transverter??

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: Mark Brown <kb0pyo@starpoint.net>
Message-ID: <321B930E.1B72@starpoint.net>
Source record: 218537
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

zommbee wrote:
>
> I recently put out a posting looking for 6 meter gear, and almost
> everyone who replied said the TenTec transverter is the best
> way to go for the money. It sure sounds like it. But I have
> a few questions maybe some one can answer:
>
> 1. I use a TS820S. Is the transverter output plug-and-play with the
> TenTec unit? or do I still need to run off the main SO239 and crank
> the power down to 5 watts.
>
> 2. How is the performance, with say a 3 element yagi of the homebrew
> variety?
>
> 3. How does the frequency read out? I assume I would shoot 10 meters in
> and use some sort of table to convert 10m to 6m, using the 500khz
> scale to keep track of the actual 1khz freq. Is this how it works?
>
> 4. How tricky is the kit to build and get going? I built converters
> years ago (tube days) and they were quite simple. Is the TenTec
> along those lines, or is it fussy?
>
> 5. I assume, by the name Transverter, that this is a receive converter
> as well. Is this true?
>
> 6. What is your overall opinion?
>
> I hope I haven't asked too much! I don't have alot to spend on gear and want
> to make sure I spend it wisely. There's nothing better than the internet
> for getting opinions (whether you want to or not!!), and I often base
> buy decisions on what I hear in these groups.
>
> Email replies to :
>
> Dave WB7AWK
> zommbee@nwlink.com or
> lespaul@nwlink.comYou Might want to check out Downeast Microwave. They have kits &
assembled units for 6 meters up to 10gig at reasonable prices & extremely
good performance. Their kits are not for the 1st time builder though. I
use one of their 432 & 1296 transverters here.
mark

1408. Re: Anonymous poster caught: J. Mackey (was: Re: CB repeaters)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: John--Mackey--KA0SSF <no--place@any-where.com>
Message-ID: <321B78C1.4209@any-where.com>
Source record: 218538
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Jeffrey Herman wrote:

> P.S. Any licensed ham can become a rptr owner - there's no virture
> in that - and practically any transceiver can be made into a crude
> rptr. Thus, you hold no special significance in the amateur community; but
> now among the internet community you are scum for not having the courage
> to use your real address to accompany your remarks.

hahaha, my "crude" repeaters made from "any transceiver" as you indicate
are General Electric Mastr Series Base Station/Repeater commercial
equipment. They are high performance receivers with GaAsFET
pre-amps & continous duty transmitters all using pas/reject duplexers.

By the way you are an IDIOT because I do se my name & callsign
on my internet entries. IF you were really a ham you would know
that all you need is a callsign to get someone's address so you
don't need to list an address in every entry.

Sounds like you are bootlegging on ham radio.

1409. Re: Ten Tec, Advice

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: nick@cs.unc.edu
Message-ID: <4vfn9b$qkp@altair.cs.unc.edu>
Source record: 218539

I built one of the Ten-Tec 2m transceivers a few months ago and had a great time. Ten Tec has done a very good job in trying to create a kit that is fun and informative to build and that delivers good value.

The manual is very high quality and tries to teach you something about what you are building. To this end, the construction is in phases - at the end of each phase you should know something about the circuit you just assembled and you can test its operation pretty easily. For instance, the first phase is to assemble the front panel displays and switches and the control microprocessor. Hook up a power supply and you can enter frequencies, offsets, PLL tones, etc. to see it work. Next step is the freq synthesizer - if you have another receiver you can pick it up as you change frequencies via the front panel. Receive and Transmit stages are similarly staged.

I had a good time building the rig, got just the sort of transceiver I wanted at a reasonable price (and from a US manufacturer), and best of all had a great big grin on my face when I finished building something that worked. It reminded me a lot of the feelings I got many years ago building Knight-kits or Heath-kits.

Another happy customer,
Nick KD4CPL

--

Nick England KD4CPL nick@cs.unc.edu Univ. Of North Carolina
http://www.cs.unc.edu/~nick Chapel Hill NC

1410. Re: 1,000,000 qsl cards thrown away per year

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: Lawrence <lawrence@itl.net>
Message-ID: <321B864E.FCB@itl.net>
Source record: 218540
Cross-posted to: uk.radio.amateur,rec.radio.amateur.policy,rec.radio.amateur.misc

Gary V. Deutschmann, Sr. wrote:
>
> The solution to waste is quit using bureaus and mail direct to the
> intended party.

Sounds reasonable but first ASK if a QSL is wanted or will be replied to. Otherwise this is still junk mail. I gave up sending out QSLs some years ago when I found I was spending more time writing them than having the actual QSOs. For this reason my QTH has been removed from the RSGB call book. Unfortuneately the DX Callbook continues to publish an incorrect mailing address for me in spite of several letters asking them to leave me out.

73, Lawrence GJ3RAX

1411. Beat the pile-ups>>Cyberscheds now available>> sarrio.com

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-2108961510270001@host22.cyberg8t.com>
Source record: 218541

This is a new use of the WWW that can benefit ham radio operators throughout the world.

You can now schedule contacts with hams all over the world simply and easily by using the WWW and e-mail.I have set aside a section of my web site for hams to post their request for over-the-air schedules. Included in the posting is a place to list the posters specific ham radio contact needs (countries, zones,IOTA, grid squares ect...). The postings will also include an e-mail link that will allow hams that read the posts, to easily request an over-the-air schedule.

How Can Cyberscheds work for me?

Do you need a certain state to complete a WAS award? Are you just a few countries away from a DXCC? Are you a QRP operator looking to make contacts with hams all over the world? Are you a DX station that has grown tired of the stateside pile-ups on 20 meters? Or are you going mobile into a hard to work county?

In all the above examples you could have prearranged cyberscheds with those hams that you want to work. If band conditions are poor just e-mail the hams you could not work and set up a new schedule.

Cyberscheds are a simple way to have the internet work to the benefit of hams all over the world.

All posting will stay on-line for 6 months, or until the posting is asked to be deleted.

Visit http://www.sarrio.com and participate in your first cybersched.
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront and web site developer. Located at http://www.sarrio.com.

In association with Brillar Enterprises http://win-win.com/brillar provider of discount CD-Roms!

1412. Beat the pile-ups>>Cyberscheds now available>> sarrio.com

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-2108961504430001@host22.cyberg8t.com>
Source record: 218542

This is a new use of the WWW that can benefit ham radio operators throughout the world.

You can now schedule contacts with hams all over the world simply and easily by using the WWW and e-mail.I have set aside a section of my web site for hams to post their request for over-the-air schedules. Included in the posting is a place to list the posters specific ham radio contact needs (countries, zones,IOTA, grid squares ect...). The postings will also include an e-mail link that will allow hams that read the posts, to easily request an over-the-air schedule.

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In all the above examples you could have prearranged cyberscheds with those hams that you want to work. If band conditions are poor just e-mail the hams you could not work and set up a new schedule.

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All posting will stay on-line for 6 months, or until the posting is asked to be deleted.

Visit http://www.sarrio.com and participate in your first cybersched.
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront and web site developer. Located at http://www.sarrio.com.

In association with Brillar Enterprises http://win-win.com/brillar provider of discount CD-Roms!

1413. Re: Truckers on 14.3025

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4vfmh9$pn2@freenet-news.carleton.ca>
Source record: 218543

adamkern (adamkern@tiac.net) writes:
> I am in high school, and I think that the code is great. I use it all
> the time. I have advanced, and am looking for extra soon.
>
> 73,
> Adam Kern
> N1TYF
>
>

Excellent, keep up the good work. Nice to hear you enjoy code. You'll soon see by the responses, however, that not everybody does.

It's part of the hobby, though. A bit like electronics, if you don't know the basics you won't get on the air.

--

Bye for now, Frank Sved (VE3GID) at DG198@freenet.carleton.ca

1414. Balloon Flight!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: mai@iquest.net
Message-ID: <4vfq12$34o_016@news.iquest.net>
Source record: 218544

IT'S ANOTHER WINDTRAX
AMATEUR RADIO BALLOON FLIGHT!

All are welcome to participate and join in the fun!
We expect this to be another successful ATV, Repeater,
and GPS/packet flight of approximately 2-3 hours duration,
and the pre-flight and post-flight nets will extend the fun.
Join us!

DATE: August 24, 1996
TIME: 1200-1300 UTC (0700-0800 Indiana time) Wx dependent
LAUNCH SITE: Purdue University Airport, Lafayette, IN.

Prelaunch Freq's: HF check-in @ 3.869-3.871MHz
2 meter locals 147.135/R (W9YB)
Nets will begin at 1130 UTC

Flight Package's:
Crossband repeater provided by W9DUU, Paul
2m rcvr to 6m & 70cm xmtrs, with voice ID
Using half-wave antennas and 100mW.

GPS/Packet system provided by WB9QPG, Dave
Garmin GPS rcvr, controlled by MIM packet & downlinked to 145.79MHz xmtr, lithum powered.
1/4 wave antenna, 100mW output.

ATV package by KT9V, Terry
Contains two B&W CCD camera's & a WB8ELK color
video graphics card. Downlinked on Wyman ATV xmtr via 1/4 wave antenna. Lithum powered, the
cameras are aimed horz. and vert, with controlled switching.

Flight Freq's:
Crossband Repeater Dwn 52.525 & 444.85MHz
(50mW & 100mW) Up 144.3MHz
GPS/Packet: Dwn 145.79MHz @ 1200 Baud,(VP) 100mW out
ATV: Dwn 439.25MHz (VP) 1.5 watts output

Balloon Type: Kaymont 1200 Gr.
Parachute: Custom made by KB9BSV, Barb, is 5' in diameter

We welcome your email notes regarding your reception!

1415. Re: Station Upgrade

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: Larry or David Gibbs <gibbsl@libertynet.org>
Message-ID: <321BC287.65F1@libertynet.org>
Source record: 218545

Gareth Crispell wrote:
>
> On 08/10/96 this station upgraged to Extra Class after 4 years of <snip>

Congrats! Es welcome to the club of those who operate BELOW 20 wpm.
I'm working on it, though.

> and hawing about time spent on code. The code is not easy for me so I had
> to practice 26wpm (jitter factor) for hundreds of hours. After all was
> said and done, I was really suprised how good it felt to earn the
> privileges rather than have them given to me. Now I can go back to my
> nice comfortable 12-15 wps!!

Larry, W3UIO

1416. IPS Daily Report - 21 August 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <4vg5a2$ov9@flare.syd.ips.oz.au>
Source record: 218546
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 21/2330Z AUGUST 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 21 AUGUST AND FORECAST FOR 22 AUGUST - 24 AUGUST

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 70/5

GOES satellite data for 20 Aug
Daily Proton Fluence >1 MeV: 7.7E+05
Daily Proton Fluence >10 MeV: 1.8E+04
Daily Electron Fluence >2 MeV: 2.9E+07 (normal)
X-ray background: A1.0
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
22 Aug 23 Aug 24 Aug
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 22 Aug: 72/8

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Quiet

Estimated Indices : A K Observed A Index 20 Aug
Learmonth 7 2322 3111
Fredericksburg 5 8
Planetary 5 7

Observed Kp for 20 Aug: 2332 2222

2B. MAGNETIC FORECAST
Date Ap Conditions
22 Aug 5 Quiet
23 Aug 5 Quiet
24 Aug 5 Quiet

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band

Date Low Middle High
21 Aug Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
22 Aug Normal Normal Normal
23 Aug Normal Normal Normal
24 Aug Normal Normal Normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
21 Aug 5

Observed Australian Regional MUFs:
near predicted monthly values

Predicted Monthly T index for August: 10

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
22 Aug 5 near predicted monthly values
23 Aug 5 near predicted monthly values
24 Aug 5 near predicted monthly values

--
IPS Radio and Space Services | email: rwc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/rwc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/rwc/
tel: +61 2 94148300 | fax: +61 2 94148331

1417. Radio/Ham Equip & WTB: 900 Tk HT, Johnson Mobile, Yaesu FT40

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: eplatt@wco.com
Message-ID: <321b1e33.2271498@news.wco.com>
Source record: 218547
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

Must Sell ASAP: (No reasonable offer refused):
(3) Uniden FPS910TS 900 trunked HT. 9 System, 9 group 'brick' radio (rather large, a tiny bit more than the BC1/200 HT). Comes with 2 brand new batteries, 2 older batteries, 3 rapid chargers (not available anymore, hard to come by!!!) and 1 vinyl holster (no belt loop, just more for shipping/travel. $200/ each, or $475 for all 2. Invested much more into it. 2 currently programmed for TAC use.

(1) Johnson 9 channel 40?? (maybe 60) watt mobile. VHF. Was from Florida Sherriff or police which went to 800. Programmable by computer from Johnson Dealer. Must use external speaker (I can dig one out, standard 3.5mm plug), hand mike, and power cord included. GREAT radio. Scans, PL, everything. $250/bo.

(1)Yaesu FT40, 99 Channel radio. Includes tx/rx mod, tx and receives from 430 -484.This unit is LITERALLY the size of a pack of smokes, maybe a TINY bit deeper, but the same height and width. (Just add an antenna.) Does 99 channels PL _AND_ DPL, Keypad programmable, dual VFO, Dual watch, digital voice (record up to 20 seconds from the radio or by mike and either play back through speaker OR back on the air! Record you call and never say it again! Searches PL & DPL (yep, don't know the PL? Just hit a key, and it tells you! (I Can't find this in the manual, I think it;s a hidden trick.) (PLEASE don't ask how to do it, I was overrun by more questions on how to do it than offers to buy..)Comes with low power battery pack, charger, manual, and box. Barely used. Would prefer Bay Area (California) but will ship. $280/BO.

WTB: Icom U-16, must be in good condition. Make offer, or trade for one of the above??

WTB: Yaesu VX-10 UHF.. Make offer, trade for ALL of the above?

All prices plus shipping + COD. I am NOT a company, just a collector of stuff I no longer need. <GRIN>

ALL PRICES NEGOT.! I need to sell, so give me an offer!

eplatt@wco.com, or call me anytime at 415-939-1037.

Evan

==========
Evan Platt - Emergency Services Photographer - First on the scene
Communications Department, IncidentNet Emergency Notifications
eplatt@wco.com / National ID: (Net/3501)

Cellular: 415-939-1037 / Alpha Pager: 415-915-6292 / Fax: 415-856-1803
Standard Disclaimer
http://www.wco.com/~eplatt/incidentnet.html

1418. FS: MOTOROLA SPECTRA 900 TRUNKING RADIO

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: John Lee <aw688@lafn.org>
Message-ID: <321BADCD.7BDF@lafn.org>
Source record: 218548

FS: MOTOROLA SPECTRA 900 TRUNKING RADIO

MD# D37KGA5JB7CK $ 600 OBO

MD# D37KGA5JB5DK $ 550 OBO

1419. Re: License required for CB radio repair

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: Stan Vandiver <kd9be@pla-net.net>
Message-ID: <321B431E.57FC@pla-net.net>
Source record: 218549

William Vaughn wrote:
>
> > Yep... you're right Jack. The GROL is the ticket for aviation and marine repair.
> > GMDSS (satellite) further requires the GMDSS Maintainer endorsement to repair.
> > --
> >
> > Best regards, Stan
>
> The GMDSS license is required to maintain equipment. GMDSS is an acronym
> for Global Maritime Distress & Ship safety. The maintenance of this
> equipment requires the knowledge to maintain different communication
> systems. More information can be found at:
> http://www.navcen.uscg.mil/marcomms/gmdss/gmdss.htm
> Its fascinating, check it out. It's not just for satellites anymore:)
>
> Bill, KB7MRF

The GROL is the license to operate/repair HF/VHF/UHF equipment on ships and aircraft. The GMDSS license (not endorsement as I stated previously) has 2 types: one for operator and one for maintainer; they are separate licenses. The books I studied for GROL said that GMDSS was a satellite-based system as I recall. Of course, satellite equipment still needs receivers, transmitters, and antennas. Satellites are also capable of communicating using voice and data. I don't know the details of the GMDSS systems however; I only took the GROL tests, Elements 1 and 3.

More information about *all* commercial licenses can be found at:
http://www.fcc.gov/wtb/colems.html
--

Best regards, Stan
ax.25: KD9BE @ KD9BE.#NWIN.IN
www: kd9be@pla-net.net/~kd9be/

1420. Re: HF Radio reccomendations and TS870S

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: "Leland S. Van Koten" <vankoten@ix.netcom.com>
Message-ID: <4vggj5$d88@dfw-ixnews3.ix.netcom.com>
Source record: 218550

In article <32184ed1.4156962@news.deskmedia.com>,
gbaron@deskmedia.com (Gilbert Baron) wrote:

>I would solicit recommendations for a new HF radio. Mine was fried by
>lightning. It was a TS440-S/AT and the replacement is a TS450-S/AT but
>am considering an upgrade to the TS870S. Does anyone use that radio
>and what do you think?

My first (and current) HF rig was an Icom 735, with which I have been very satisfied. However, I spent some time playing with the TS870S at the local HRO, and was extremely impressed. Once you get the hang of the various DSP methods, they can make the difference between barely copyable and armchair copy -- and presumably between copyable and not copyable at all. (I haven't tried the new Icom or Yaesu HF rigs, so don't know how they compare.)

Personally, I will probably wait a year or two to see whether there are any problems with the TS870S, and give them a chance to fix any that might appear, but if I had to get a radio now, I would probably be leaning very strongly the same way that you are. (Also, when I looked, the price was considerably better than on the Icom or Yaesu DSP rigs.)

Lee, KE3FB

1421. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: "Leland S. Van Koten" <vankoten@ix.netcom.com>
Message-ID: <4vgitc$sc1@sjx-ixn5.ix.netcom.com>
Source record: 218551

In article <1996Aug17.151645.10350@ke4zv.atl.ga.us>,
gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>The FCC only found stations breaking the limits when they used ground
>mounted verticals, open wire fed flattops, and a quarterwave whip
>on a car.

Gary -- Is there a published source for these FCC findings? Do you know what power levels were being used with these types of antennas which caused the limits to be exceeded, and the type of emission? I'm particularly interested since my antennas include (and ONLY include) -- you guessed it, the exact ones you mentioned.

What puzzles me about the categorical exemption for under 50 watts is that it applies regardless of frequency, and regardless of emission type. If it is essentially impossible for 49 watts to exceed the limits, even at the frequencies for which the limits are the most stringent, and even for an emission type with a high duty cycle, then it seems to me that power considerably higher than 50 watts would be equally to exceed the limits on 75 meter SSB, for example -- which is where higher power is most important.

Am I missing something, or is the single limit for the categorical exemption as nonsensical as it seems?

Lee, KE3FB

1422. <<CONTROL A REPEATER BY WITH A PC>>

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: dgraham@gil.com.au
Message-ID: <DwHrrG.5yK@gil.com.au>
Source record: 218552

Hi all

I was just wondering if anyone can give me any leads on were I can
Download software to have a PC control radio or repeater system

Regards

Darryl Graham
dgraham@gil.com.au
http://www.gil.com.au/~dgraham

1423. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-21 00:00:00 UTC
From: n7ory@primenet.com
Message-ID: <4vf97l$7cd@nnrp1.news.primenet.com>
Source record: 218553
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

"Brian E. Oakley" <boakley@imagin.net> wrote:

> Hey Rob, go talk to W5RWW, he can teach you a little bit. 73. Brian.

Teach me what? What in my post are you reffering to?
But regardless, I am sure there is a lot I can learn from a ton of
Amateurs, thats why I love this hobby/service so much.
Always something you don't know, and a person willing to tell you
about it.

See ya

Rob Neff (N7ORY)

1424. Re: How to tell if you are a loser

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <321CCE79.39C9@ccsnet.com>
Source record: 218354

Tu and Bob Myers wrote:
>
> Adding my own...
>
> Your write email to news groups that has little or nothing to do with the
> news group. Having the text "typical ham" in your post dowsn't make it
> relevent to a ham radio news group.

What does that loser comment have to do with, knitting?

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#================#===#
| k1oik@ccsnet.com |
#===#
You cannot build a reputation on what you are going to do.

Henry Ford

1425. Re: Questions about WARC bands

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: anthonys@ix.netcom.com
Message-ID: <4vh4l8$q0e@dfw-ixnews7.ix.netcom.com>
Source record: 218355
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In <4vgpgb$5a3@texas.nwlink.com> zommbee@nwlink.com (zommbee) writes:
>
>I feel like I just woke up out of a 12 year sleep and the
>world is a very different place!
>
>Can some one please give me the basic rundown of the WARC
>bands, and what the allocations are? I have a general
>class license. What segments/modes are in my license class?
>
>I know there are probably a ton of ARRL publications on this,
>but I haven't seen them and I'm getting really curious. Using
>my Kenwood R1000 GC receiver I have monitored 10.1-ish and
>heard what must undoubtedly be the 30-meter CW band, but where
>does it stop?
>
>I went to the FCC frequency allocation site on the web and
>got virtually no understandable information from it.
>
>Any information would be greatly appreciated.
>
>
>Dave WB7AWK
>zommbee@nwlink.com

Dave-

I was in your same position recently! Go to www.arrl.org/ and
start digging down for all the freq allocations. Sorry, I don't
have the exact page bookmarked.

I bitched about this lack of visibility to the webmaster pointing
out that it should be featured on the home page. He did respond
pointing me to the exact page. Nothing otherwise has changed, however.
Tip: it's like something under "field operations".

Good luck, 73

-=Tony=- W6ANV

1426. Re: TechPlus --> General?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: markbond@world2u.com
Message-ID: <markbond-2208961831020001@news2.new-york.net>
Source record: 218356
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <Pine.LNX.3.91.960822151706.7279A-100000@net.digalogsys.com>,
rdmiller@execpc.com wrote:

> Hi!
>
> Could someone verify what I'll need to do to upgrade from Tech Plus
> to General? I just need to pass the 13-gpm code test, right?
>
> "Rigless" Rick Miller (kb9obn) rdmiller@execpc.com

Rick, in addition to the 13wpm CW, you have to pass the General theory...

--mark n2riq

1427. Re: Anonymous poster caught: J. Mackey (was: Re: CB repeaters)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: "John..Mackey..KA0SSF" <no__place@any__where.com>
Message-ID: <321CEA46.3E@any__where.com>
Source record: 218357
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Jeffrey Herman wrote:

> Hi John,
> This thread had to do with the L.A. machine. Seems every chance you get
> you call attention to you owning the 435 Portland repeater. Nothing can
> be done about that, but the real problem I have
<<cut for bandwidth preservation>>

Jeffery-

You are a pest & a fool. Please see the qoute (from Frank) below which
states you situation far better than I could say.

>Frank Sved <dg198@FreeNet.Carleton.CA> wrote:
>>What a waste of bandwidth your opinions consume, Jeff.
>>Who cares about micro-defining subjective terms. Stick to looking at the
>>clouds go by on your island.

1428. Re: FCC ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug22.122640.7286@ke4zv.atl.ga.us>
Source record: 218358

In article <4v81ho$m5e@dfw-ixnews8.ix.netcom.com> Leland S. Van Koten
<vankoten@ix.netcom.com> writes:
>In article <19960818.79F8C30.A47C@localhost.UUCP>,
> jshaffer@mail.csrlink.net (Jim Shaffer, Jr.) wrote:
>
> <Snip>
>
>But if EM radiation does have non-thermal biological effects, my guess
>>is that at an arbitrary frequency and power level it would be more likely
>to
>>harm than help.
>
>
>The point, however, is that this IS just a guess. A great many things have
>non-thermal biological effects, but are not known to cause harm except with
>exposures high enough to cause acute, immediate harm. If we begin
>regulating exposures on the basis of mere biological effect in the absence
>of evidence of harm, we will have to regulate exposures to just about
>everything.
>
>We are obviously bombarded with RF from natural sources every day of our
>lives, so humans (and all living things) must have evolved some rather
>potent defense mechanisms to prevent any harmful effects from these
>exposures (at least in the frequency ranges where natural RF is strongest).
>What is more, we are exposed to natural RF 24 hours a day, every day of our
>lives, whereas an amateur station produces RF only when it is transmitting.
>
>Does anyone have a source for estimating the amount of RF exposure from
>natural sources (for example in the 3-30 MHz range), in comparison to any
>reasonable estimate of exposure from an amateur station? I admit that this
>is just a guess, but I would be very surprised if even the most active
>amateur exposed anyone to total levels of RF that were more than a fraction
>of those to which we are exposed from natural sources.
>
> Lee, KE3FB

Prior to about 1900, humans were exposed to very little RF or magnetic
or electric fields in the 3-30 MHz range. The primary natural source
of energy in that range comes from lightning. The total global lightning
energy is about 300 kW-hr per day, most of it below 2 MHz. That represents
a power density calculated by the NCRP guidelines several million times
less than the power density limits the new FCC regulations require us to
meet. Of course if you're right under a thunderstorm, you could get a

higher exposure, but when you time average as the guidelines require,
you're still way below the standard. Almost all of the RF exposure
humans have gotten has been from manmade sources.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1429. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: Jake Brodsky <frussle@erols.com>
Message-ID: <321C9980.1B3C@erols.com>
Source record: 218359
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Fred wrote:
>
> A terribly misdirected group. May be so may not be so. Do you have any
> facts to show that rf is harmless. Have you ever been in the near field
> of a broadcast antenna at 1KW even. I have, not the facts or figures,
> but by personal experiance know that the inner ears heats up at a
> frequency of 1450 Khz and 1000 watts if you are there for any significant
> period of time (ie. 30 minutes or so) Granted, amateur transmissions are
> usually short, but would you like a 4 El beam being fed with 1.5Kw pep rf
> pointed at your house???? I think not if it were your neighbors
> antenna. Do not poo poo the harm that non-ionizing radiation may or may
> not do. It is best to treat it with a little respect and use good
> engineering practice at all times. Hey, a well meaning, but misdirected
> group got a law passed because no one else has been able to prove them
> wrong with hard facts and figures. I for one, after spending a few years
> in the position of a chief broadcast engineer, treat an radiation,
> non-ionizing or otherwise with respect. remember your microwave oven
> operates in the middle of on ham band a about 1.2 gigahertz or so. And
> it cooks things very swiftly. Agreed it is not 3.9 Khz or 7.2, but it
> may be that the only differance is the power level and the exposer time??
> who know for sure. I don't and have met few rf engineers that are sure.
> Who wants to be the test dummy for this one fellows. Do I hear any takers?
>

You touched on the issue without even realizing it. We don't know much. But we can't go living our lives as if everthing is going to kill us. I'm all in favor of further study, but please, no more stupid epidemiological studies. They can't and don't shed much light on the issue because electromagnetic radiation is so pervasive. We need controlled lab studies which show cause and effect. Once these studies have quantified the risk, then we can take action.

The concept of "prudent avoidance" is not applicable unless we can at least determine the correct magnitude of the hazard. No-one has done that. Studies show all sorts of conclusions from relative risks of 2 (twice as likely) to relative risks of 0.8 (meaning that you're actually safer with the RF than without it). The effects of RF may be quite secondary. Also these effects are extremely weak. A relative risk of twice a very small probablitiy is still a very small probability. That is the most anyone can show.

"Prudent avoidance" is not appropriate when you aren't even sure that it is the RF, and not some secondary effect, which is causing problems.

One might as well advise everyone not to eat banannas because you notice that when people do eat banannas, other people slip and fall almost twice as much as when you don't eat bannans (they slip on the peels some slob dropped, a secondary effect).

I think many contributors to this thread ought to go take a class in risk quantification. Scientific American did an article about that a couple years ago. It is amazing how warped most people's perception (even mine) of risk can get...

73,

Jake Brodsky, mailto:frussle@erols.com
PP-ASEL-IA, Cessna Cardinal N30946, Based @ MD24
Amateur Radio Station AB3A
"Beware of the massive impossible!"

1430. Re: Questions about WARC bands

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: AC6V <AC6V@ix.netcom.com>
Message-ID: <321C6243.556@ix.netcom.com>
Source record: 218360
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

zommbee wrote:
>
> I feel like I just woke up out of a 12 year sleep and the
> world is a very different place!
>
> Can some one please give me the basic rundown of the WARC
> bands, and what the allocations are? I have a general
> class license. What segments/modes are in my license class?
>
> I know there are probably a ton of ARRL publications on this,
> but I haven't seen them and I'm getting really curious. Using
> my Kenwood R1000 GC receiver I have monitored 10.1-ish and
> heard what must undoubtedly be the 30-meter CW band, but where
> does it stop?
>
> I went to the FCC frequency allocation site on the web and
> got virtually no understandable information from it.
>
> Any information would be greatly appreciated.
>
> Dave WB7AWK
> zommbee@nwlink.com

Howdy Dave. The info you are looking for is at URL:

http://www.arrl.org/field/regulations/allocate.html#17

The WARC Bands are 30M, 17M and 12M -- opened up in the early 80's as I
recall.

Regards from San Diego
Rod
--
Hark for I have hurled my words to the far reaches of the earth!
What King of old could do thus??
..... AC6V

1431. Re: How to tell if you are a loser

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: "Anthony R. Gold" <tgold@tgold.dialup.access.net>
Message-ID: <840729163snz@tgold.dialup.access.net>
Source record: 218361
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,alt.support.divorce

In article <321B69D9.68C4@ccsnet.com> k1oik@ccsnet.com "Burt Fisher" writes:

> Anthony R. Gold wrote:
>
>
> > A teacher who believes that it is THREE times as bad to assault an
> > adult as it is to assault a child.
>
> I do not believe that. Nothing is worse than a child molester.

Then check your maths. Your own loser scoring belies your protest.

> > Someone who replies to Burt Fisher :-(
>
> Like you?

You're worse than a loser, Burt, you're a humorless loser.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

1432. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: n7ory@primenet.com
Message-ID: <4vigqj$jt0@nnrp1.news.primenet.com>
Source record: 218362
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Jake Brodsky <frussle@erols.com> wrote:

>You touched on the issue without even realizing it. We don't know
>much. But we can't go living our lives as if everthing is going to
>kill us. I'm all in favor of further study, but please, no more
>stupid epidemiological studies. They can't and don't shed much light
>on the issue because electromagnetic radiation is so pervasive. We
>need controlled lab studies which show cause and effect. Once these
>studies have quantified the risk, then we can take action.

>The concept of "prudent avoidance" is not applicable unless we can
>at least determine the correct magnitude of the hazard. No-one has
>done that. Studies show all sorts of conclusions from relative risks
>of 2 (twice as likely) to relative risks of 0.8 (meaning that you're
>actually safer with the RF than without it). The effects of RF may
>be quite secondary. Also these effects are extremely weak. A
>relative risk of twice a very small probablitiy is still a very small
>probability. That is the most anyone can show.

>"Prudent avoidance" is not appropriate when you aren't even sure that
>it is the RF, and not some secondary effect, which is causing problems.
>One might as well advise everyone not to eat banannas because you
>notice that when people do eat banannas, other people slip and
>fall almost twice as much as when you don't eat bannans (they slip on
>the peels some slob dropped, a secondary effect).

>I think many contributors to this thread ought to go take a class in
>risk quantification. Scientific American did an article about that
>a couple years ago. It is amazing how warped most people's
>perception (even mine) of risk can get...

Can you say BINGO! (GRIN)

In a round-about way, that's what I have been saying.

Rob Neff (N7ORY)

1433. For Sale: IC-R70, JRC NRD-525 recievers

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: Jason Wolfson <jason@ultranet.com>
Message-ID: <321CCE79.1955@ultranet.com>
Source record: 218363

I have a barely used Icom IC-R70 reciever and a barely used
JRC NRD-525 reciever I'd like to sell.

also a Advanced Electronic Applications, Inc. Model PK-232
PAKRATT232, These were used to recieve satalite pictures
to a PC. Not used anymore and I need to unload them.

email me at jason@ultranet.com

thanks.....

1434. Re: WTB: inexpensive dummy load

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: Dan Murphy <murphy@gdc.com>
Message-ID: <4vi6c2$rk7@gate2.gdc.com>
Source record: 218364
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

> Does anyone have an inexpensive ($10 - $20) dummy load suitable
> for use with my TS-820?

You might try for an MFJ 300W Dummy load runs abt $29 new.
A little over your $ range. May do better at the discounters at
some of the 800 numbers in the mags.

GL es 73
Dan KA1SZP

1435. Re: J. Mackey (503)591-1991

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: "John..Mackey..KA0SSF" <no__place@any__where.com>
Message-ID: <321CBC06.2399@any__where.com>
Source record: 218365
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Burt Fisher wrote:

> KA0SSF MACKEY JR, JOHN E LIC ISU
> 24-OCT-1994
> EXTRA P. O. BOX 1586 LIC EXP
> 14-AUG-2000
> DOB 12-JAN-1965 BEAVERTON OR 97075-1586 LST UPD
> 24-OCT-1994

> Is this you?

> Mackey, J...Aloha Or...Beaverton, OR 97005
> Phone: (503)591-1991

hahahahahahahahahahahahahaha

It's so easy & you still can't figure it out.

hahahahahahahahaha

1436. Re: 1,000,000 qsl cards thrown away per year

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: Lawrence <lawrence@itl.net>
Message-ID: <321CB60B.59DE@itl.net>
Source record: 218366
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Gary Hosler - KN0Z wrote:
>
> The fact that you don't collect the QSL's is no reason not to confirm
> a QSO as long as the other station will at a minimum generate a card
> with the QSO information, and provide a return envelope with the
> necessary postage in the form of IRC's or greenstamps. All you have
> to do is sign the card to confirrm the QSO. You simply need to inform
> the other station of your requirements. Not to much to ask! IF they
> don't provide the above after you have informed them,....then they
> don't deserve the card. The QSL is the final courtesy.
>
> 73 de KN0Z Gary

The problem with that one Gary is that I still got lots of people calling me who did not want to talk to me. With a slightly rare prefix I had to resort to a drastic solution to eliminate both the junk mail and the QRM. It is now less of a problem since we got 12 and 17 metres as these bands seem to have less attraction for those who go for short rubber-stamp QSOs. I now very rarely use 20 metres.

We all have different ideas of what the hobby should be about. While I do not want to spoil other peoples fun, I do not want them to spoil mine. I used to get too many card chasers interrupting interesting QSOs. I now enjoy being able to experiment and communicate. I have spoken to some people who have abandonned HF for 2 metre FM just to avoid the deluge of cards.

If my ideal version of Amateur Radio was adopted we would have no QSLs, certificates or contests and not be allowed to use commercially made equipment. Now that would reduce the QRM!

73, Lawrence GJ3RAX

1437. Re: Anonymous poster caught: J. Mackey (was: Re: CB repeaters)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: "John..Mackey..KA0SSF" <no__place@any__where.com>
Message-ID: <321CBCEC.2359@any__where.com>
Source record: 218367
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Jim Kehler wrote:

> John--Mackey--KA0SSF <no--place@any-where.com> wrote:
> >HOORAY!!! you figured out that it was me!!!!! Gee, that was REAL TOUGH
> >since I ALWAYS sign my name & call to my messages.

> Not ALWAYS, John, I think you forgot to sign this one, remember ?
> You don't talk potty mouth on the repeater and forget to sign your
> call, do you ? Read it over again and see if you can find where you
> signed it ....
> 73, Jim KH2D

Maybe there was something wrong with the system then. I always sign
my name & call & I CERTAINLY wouldn't be afraid of identifying myself
with Burt since EVERYONE hates him.

Actually, it seems like we are making a lot of fluff over nothing.

1438. FS: Tektronix 453 scope

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: Tom Phillips <76252.2720@CompuServe.COM>
Message-ID: <4vikif$g8p$2@mhadf.production.compuserve.com>
Source record: 218368
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

For Sale; Dual Channel 50mhz Tektronix 453 scope. This scope has
a delay time multiplier, and extends the actual frequency meas. to
over 110mhz (actual measurments). Has original manual, and a 10x
probe. No dents, scrathes, and all funtions work. No bulbs or
LED's burnt out.

Price: $650.00
Contact Tom (AB5ZJ) at tomsrig@flash.net or leave reply here

1439. 100's of Ham Classifieds @ http://www.sarrio.com

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-2208962208330001@host46.cyberg8t.com>
Source record: 218369

The Raymond Sarrio Company's Ham Radio WWW site has a very large data base of ham radio classified ads. ALL LESS THAN 30 DAYS OLD! at:

http://www.sarrio.com.

This new classified section allows Hams to search for equipement with the help of our new and unique search engine--no need to scroll through 100's of listing before you find that special piece of gear. Plus, when you find the gear your interested in, each listing comes with point-and-click e-mail access direct to the Ham that listed the item.

For those Hams with gear to sell, take note! It is absolutely FREE to list your equipment within the Ham Classifieds, and there will be no posting time delays.Your posting will go on-line, in our classified search engine,in about 1 hour. All you need do is fill out a simple forms page, and upon its (point-and-click) submission, your "For Sale" advertisement is on-line.

I will be purging the classified listing initially about once every month, but that timeline will shorten as our classified numbers go up. Give it a try, and let me know how you like it. 73's Ray
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront on tth WWW at http://www.csz.com/sarrio in association with Brillar Enterprises http://win-win.com/brillar an Extensive Discount CD-Rom Catalog!

1440. Re: TechPlus --> General?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: John Mullan <jmullan@sr.hp.com>
Message-ID: <321CF27A.639D@sr.hp.com>
Source record: 218370
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Rick Miller wrote:
>
> Hi!
>
> Could someone verify what I'll need to do to upgrade from Tech Plus
> to General? I just need to pass the 13-gpm code test, right?
>
> "Rigless" Rick Miller (kb9obn) rdmiller@execpc.com

Unfortunately, given that yours is a relatively new license, you probably only have elements 1a (5 wpm), 2 (novice theory), and 3a (technician theory) to your credit. This means that you must pass elements 1b (13 wpm) and 3b (general theory) to upgrade to a general class license. If you passed the old element 3 which was the technician/general theory test then you indeed need only pass 1b to upgrade.

73 de KD2LQ

1441. Re: How to tell if you are a loser

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <321CCE35.5CC4@ccsnet.com>
Source record: 218371
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,alt.support.divorce

Anthony R. Gold wrote:
>
> You're worse than a loser, Burt, you're a humorless loser.

Humorless?

HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI
HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI
HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI
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HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI

Burt

1442. Re: Questions about WARC bands

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: MADJID <orion@odyssee.net>
Message-ID: <321CB178.1A38@odyssee.net>
Source record: 218372
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

zommbee wrote:
>
> I feel like I just woke up out of a 12 year sleep and the
> world is a very different place!
>
> Can some one please give me the basic rundown of the WARC
> bands, and what the allocations are? I have a general
> class license. What segments/modes are in my license class?
>
> I know there are probably a ton of ARRL publications on this,
> but I haven't seen them and I'm getting really curious. Using
> my Kenwood R1000 GC receiver I have monitored 10.1-ish and
> heard what must undoubtedly be the 30-meter CW band, but where
> does it stop?
>
> I went to the FCC frequency allocation site on the web and
> got virtually no understandable information from it.
>
> Any information would be greatly appreciated.
>
> Dave WB7AWK
> zommbee@nwlink.com

You should scan the ARRL site and FTP about all your questions
(Xverter etc...)
http://www.arrl.org

File describing US allocation bands (there are others)
http://oak.oakland.edu:8080/pub/hamradio/arrl/bbs/general/alloc.zip

Madjid, VE2GMI

1443. Re: Mini-DXpedition - The ROCK

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: Ken Harrison <ken@cs.sonoma.edu>
Message-ID: <321CCBD2.5C28@cs.sonoma.edu>
Source record: 218373

Another reminder!! THIS SUNDAY!
Times are approximate: 9:30AM til 5:30PM PDT

Look for and work us!!

The Sonoma County Radio Amateurs will be conducting a mini-DXpedition to Alcatraz Island in the San Francisco Bay on August 25th. It will be a one day event and we plan on working 40/20/15 meters SSB and/or CW and 2 meters FM and SSB and/or CW and possibly 70 cm. SSB and/or CW.

The club callsing of W6LFJ will be used. Actual frequencies we are planning to run are (+/-):

40m 7.120 MHz CW
20m 14.075 MHz CW
15m 21.140 MHz CW
6m (?) CW(?)
2m Std. call CW
70cm Std. call CW

40m 7.265 MHz SSB
20m 14.270 MHz SSB
15m 21.400 MHz SSB
6m (?) SSB(?)
2m Std. call SSB
70cm Std. call SSB
2m 146.520 MHz FM Simplex

We will be offering a special QSL commemorating the event. We want to contact YOU! Spread the word!

To find out more you can contact Larry Gustafson, KD6VUM at kd6vum@sonic.net or you can head your browser to:

http://cds1.net/scra/

and click on the Mini-DXpedition announcement.

73,
Ken

--
____
Ken Harrison -- ken@cs.sonoma.edu -- Amateur Radio: N6MHG
~~~~~~
Visit the Sonoma County Radio Amateurs Web Pages!
~~~~~~

New Address!! http://cds1.net/scra/
"Home of Hank's Swap Shop!"

1444. Re: New RF Rules to be discussed on show!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: Dave Potter <Dave.Potter@guardian.brooks.af.mil>
Message-ID: <4vif5f$lha@xenon.brooks.af.mil>
Source record: 218374

lenwink@indirect.com (Len Winkler) wrote:

>Support "WOG", the Written Only General!

I will, Len, I will. Soon as I can finish supporting written-only pilot certification and heart surgery.....

Dave Potter/KC5UZD

1445. Re: B&W 5100 AM XMTR Schematic

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: Steve Ickes <thebizlk@pop.erols.com>
Message-ID: <321D339B.71AE@pop.erols.com>
Source record: 218375

Sam wrote:
>
> Does anyone have, or know how I can get hold of a schematic for the B&W
> 5100 AM transmitter?
>
> Thanks for any information you can provide.
>
> Sam - WA2JCT
>
> sdiamore@cyberenet.net

Try Pete "The Manual Man". (908) 238-8964.

S

1446. Alinco DX-70--6 meter question

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: alandp@flash.net
Message-ID: <4vi61l$1bp@excelsior.flash.net>
Source record: 218376

Does this rig have a seperate antenna output for
6 meters, or does it just have a single output for
all bands?

Alan KJ5ZD

1447. IPS Daily Report - 22 August 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <4vip7o$h3b@flare.syd.ips.oz.au>
Source record: 218377
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 22/2330Z AUGUST 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 22 AUGUST AND FORECAST FOR 23 AUGUST - 25 AUGUST

1A. SOLAR SUMMARY
Activity: Low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 73/9

GOES satellite data for 21 Aug
Daily Proton Fluence >1 MeV: 7.4E+05
Daily Proton Fluence >10 MeV: 1.9E+04
Daily Electron Fluence >2 MeV: 2.6E+07 (normal)
X-ray background: A3.3
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
23 Aug 24 Aug 25 Aug
Activity Low Low Low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 23 Aug: 74/11
COMMENT: Solar region No. 7981 is due for return. This region
only produced C-class flares on its previous disk transit. Yokoh
X-ray images show brightening on east limb of the sun.

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Quiet to unsettled

Estimated Indices : A K Observed A Index 21 Aug
Learmonth 6 2211 2311
Fredericksburg 5 5
Planetary 5 5

Observed Kp for 21 Aug: 0212 2222

2B. MAGNETIC FORECAST
Date Ap Conditions
23 Aug 5 Quiet
24 Aug 5 Quiet
25 Aug 5 Quiet

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band
Date Low Middle High
22 Aug Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
23 Aug Normal Normal Normal
24 Aug Normal Normal Normal
25 Aug Normal Normal Normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
22 Aug 5

Observed Australian Regional MUFs:
Darwin: Depressed 15 - 20% during the local day,
near predicted monthly values during local night.
Townsville: Depressed 15% at times during local day.
Sydney: enhanced 10-30% local night, near predicted
monthly values local daylight hours.
Hobart: Near predicted monthly values.

Predicted Monthly T index for August: 10

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
23 Aug 5 near predicted monthly values
24 Aug 5 near predicted monthly values
25 Aug 5 near predicted monthly values

--
IPS Radio and Space Services | email: rwc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/rwc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/rwc/
tel: +61 2 94148300 | fax: +61 2 94148331

1448. need antenna info assistance

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: Thomas Medlin <tcmedlin@cris.com>
Message-ID: <321D196D.551@cris.com>
Source record: 218378
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.equipment

I am wanting to build some dual band 2mtr/440mhz antennas by using 450 ohm ladder line and possibly in a j-pole configuration. i would like to enclose these antennas in either 3/4 inch or 1 inch pvc pipe to make them rigid and to weather proof them. i could put a cap on the top and would like to mount a so-239 in the base so a coax could be connected. does anyone have any plans or information on the dimentions , gain, swr, etc that could be achieved. also looking for any other ideas even if not with the ladder line as long as it would mount in the pvc pipe. please email me at tcmedlin@cris.com

thanks, tom WA5KUB
please visit my web site at http://www.cris.com/~tcmedlin

1449. Re: License required for CB radio repair

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: Steve Wolf <no8m@apk.net>
Message-ID: <321D23A9.5C33@apk.net>
Source record: 218379

> The General Radiotelephone Operator License (GROL) is required to
> adjust, maintain or internally repair transmitters in aviation,

Is there a FCC or FAA Part specification for this? The rule reference would
show that the license is necessary.

--
73,
Steve
Internet: no8m@apk.net
Amateur Radio: no8m@no8m.#neoh.oh.usa.na
MSYS Mail List: msys-request@hamnet.org ('info' for title)

1450. Re: SAMS Needs Your Electronics URLs

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: Ken Bessler <kg0wx@feist.com>
Message-ID: <321D2E19.196D@feist.com>
Source record: 218380
Cross-posted to: rec.antiques.radio+phono,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.video.satellite.dbs,rec.video.satellite.europe,rec.video.satellite.misc,rec.video.satellite.tvro

vaj mu'tlheghvam wIngachpu', qaɪ'a

Qapla'!!!

1451. ART phone number

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: "Mark P. Fratta" <Fratta@ssdd.nrl.navy.mil>
Message-ID: <321C2FD8.7D91@ssdd.nrl.navy.mil>
Source record: 218381

Does anyone have the phone number for Amateur Radio Trader?

Thanks

Mark N3VMR

1452. Re: Lightning Protection

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: Pat Humby <Pat@g6aus.demon.co.uk>
Message-ID: <530306786wnr@g6aus.demon.co.uk>
Source record: 218382

In article: <320B74AA.3898@hcc-uky.campus.mci.net> Harry Clinton
<ni4p1@hcc-uky.campus.mci.net>
writes:
> Path:
g6aus.demon.co.uk!news.demon.co.uk!dispatch.news.demon.net!demon!netcom.net.uk!netcom.com!
howland
erols.net!cs.utexas.edu!swrinde!howland.reston.ans.net!newsfeed.internetmci.com!news.campu
s.mci.
net!not-for-mail
> From: Harry Clinton <ni4p1@hcc-uky.campus.mci.net>
> Newsgroups: rec.radio.amateur.misc
> Subject: Lightning Protection
> Date: Fri, 09 Aug 1996 12:26:02 -0500
> Organization: CampusMCI
> Lines: 2
> Message-ID: <320B74AA.3898@hcc-uky.campus.mci.net>
> NNTP-Posting-Host: s06-pm01.hcc-uky.campus.mci.net
> Mime-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> X-Mailer: Mozilla 2.01 (Win95; U)
>
> Lightning protection info for towers, masts...email postal address you
> would like info sent.
>
>
-- Please send info E-mail address below,thanks in anticipation.

Regards Pat

pat@g6aus.demon.co.uk
ax25 G6AUS @ GB7PMB

Enjoy the fruits of life while you can!

1453. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug22.132057.7545@ke4zv.atl.ga.us>
Source record: 218383

In article <4vgitc$sc1@sjx-ixn5.ix.netcom.com> Leland S. Van Koten
<vankoten@ix.netcom.com> writes:
>In article <1996Aug17.151645.10350@ke4zv.atl.ga.us>,
> gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>
>>The FCC only found stations breaking the limits when they used ground
>>mounted verticals, open wire fed flattops, and a quarterwave whip
>>on a car.
>
>
>Gary -- Is there a published source for these FCC findings? Do you know
>what power levels were being used with these types of antennas which caused
>the limits to be exceeded, and the type of emission? I'm particularly
>interested since my antennas include (and ONLY include) -- you guessed it,
>the exact ones you mentioned.

The full report is on the FCC web site, www.fcc.gov, under the Office
of Engineering and Technology directory. It is available in Abobe PDF
or Wordperfect format. The filename of the PDF file is asd9601.pdf
(it's 148 kb).

>What puzzles me about the categorical exemption for under 50 watts is that
>it applies regardless of frequency, and regardless of emission type. If it
>is essentially impossible for 49 watts to exceed the limits, even at the
>frequencies for which the limits are the most stringent, and even for an
>emission type with a high duty cycle, then it seems to me that power
>considerably higher than 50 watts would be equally to exceed the limits on
>75 meter SSB, for example -- which is where higher power is most important.
>
>Am I missing something, or is the single limit for the categorical
>exemption as nonsensical as it seems?

The exemption is not because it is categorically safe. The exemption
is political, a result of ARRL lobbying. It was judged too burdensome
on amateurs to make them do the required study on their low power mobile
and handheld radios. Some of them will certainly exceed the exposure
standard, perhaps by substantial margins (especially mobiles using
on-glass antennas). The FCC justified the exemption based on the
assumption that their use would be very low duty cycle, and any
exposure would be very transient to any member of the general public.

This assumption may not be warranted in many cases. A 45 watt mobile
using an on-glass antenna can grossly violate the exposure standard
for occupants of the vehicle. If there are children in the vehicle

too young to give informed consent, I'd say that was reckless. OTOH
the FCC study showed that thru-hole roof mounted VHF antennas had
exposures to the occupants of the vehicle well below the standard,
so that's suitable for a categorical exemption.

HTs are more problematic. Whole body exposure for HTs under 7 watts
is generally within the standard. But exposure to particular parts
of the body, something not well addressed in the new FCC rules, could
still exceed the standard by a large margin, especially exposures to
the eyes. The lens of the eye is particularly vulnerable to RF heating
because there are no blood vessels in it to rapidly carry away excess
heat.

I'm concerned by that. I'd suggest that amateurs do the study on
all their radio setups, not just the ones running 50 watts and
more, and treat any found out of compliance with a good bit of
caution.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1454. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug22.142258.7797@ke4zv.atl.ga.us>
Source record: 218384

In article <wb6wDwIzow.FrD@netcom.com> wb6w@netcom.com (Glenn Thomas) writes:
>
>An interesting discussion!
>
>When I first heard of the Milham (?) study, I was told that the figures
>for hams were based on selecting names that appeared in "Silent Keys" in
>QST and that the "general public" is what the smaller group was
>compared with. A question I had at the time that has not been answered
>is if a similarly sized subgroup was selected based on some other
>criteria was examined to see if the same kind of statistical variations
>would appear. Apparently, while hams appeared to be slightly more likely
>to die of some kinds of cancer, they were also slightly less likely to
>die from other cancers.
>
>It is my understanding that the database on which the study was based is
>not publicly available. If this is so, the study is seriously flawed
>in that there is no way I or most anyone else can tell if the conclusions
>extracted are in fact supported by the data. Given that the observations
>on which the conclusions were based are unavailable, the conclusions
>can have no scientific validity. Note that I am not saying that the
>conclusions are wrong. I am saying that niether I nor anyone I know is
>able to repeat the observations and independently confirm or refute the
>conclusions.
>
>Put simply (and crudely), Joe McCarthy had a list of "bodies" too.
>How many of HIS claims were true?
>
>73 de Glenn Thomas wb6w

The Milham study used public records, lists of silent keys from
QST and public death certificate information filed with the coroner
of each jurisdiction in Washington State where the amateurs died.
(The study was only of deceased amateurs in Washington State.)
The control group was taken from the general morbidity information
from Washington State for the same time period.

The study does have several serious flaws. No adjustments were
made for other factors than being an amateur radio operator, and
no actual on-site field strength readings were made at any of the
deceased amateurs' stations, or at the homes of any of the control
group members (also deceased during the same interval). The assumption
was implicitly made that amateurs are generally like other members of
their communities in lifestyle factors (other than their amateur radio

activities). That may or may not be true.

It is possible to postulate that persons particularly at risk for certain cancers are also particularly drawn to amateur radio. Factors such as personality type have been implicated in other studies as co-factors increasing certain cancer mortality risks. It could be, in other words, that people drawn to ham radio just don't take as good care of themselves as the general population. (I don't know of any studies on this, but it is my personal observation that few amateurs appear to be very health conscious.)

Paradoxically, however, amateurs were generally older at time of death than the age of the general population of Washington State at time of death. So while more may die of certain cancers, it *appears* that they do so at a more advanced age. That could be a mere statisical anomaly due to the fact that amateurs are on average older than the general population anyway (the demographic fact that some of us have been pointing to with alarm for some time now, IE the greying of amateur radio, may play an unrelated role here). The general population has deaths included of people of a much younger age than there are amateurs, IE infant and child mortality is included in Milham's general population, but no infants and few children are likely to be amateurs. This could skew the age curves to make it *appear* that amateurs die at a more advanced age.

But Milham isn't the only study of the risks of RF exposure. It is merely the one best known for focusing exclusively on amateur radio as a risk factor. Other more controlled studies have been done on workers exposed to EM fields. The IBEW paid for one such study. There have also been a number of in vitro studies of the effects of RF on living cells. Those too have shown suggestive changes that would be taken, if the causative agent were a new chemical or drug being tested, to be indications of carcenogenic activity.

Note that this issue is separate from the thermal effects of RF. That's well understood to be a risk. The new FCC exposure rules are designed primarily to address that hazard. The issue of EM fields inducing or promoting cancer is not solidly enough established to form the basis for exposure standards yet, so that was not addressed in the FCC proceeding.

Some other countries have been convinced to set considerably stricter exposure standards than the US has been using, based on cancer risk studies. Notably the ex-Soviet Union had for years an exposure standard 10x stricter than the one we have been using, IE ANSI-82. Some other European nations have imposed stricter limits than NCRP-86. I don't think we are over-reacting. The new standard is still pretty lax compared to those in some other countries. We may be erring on the side of caution, but if we must err, that's the side to be on.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1455. Re: Questions about WARC bands

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug22.145214.7970@ke4zv.atl.ga.us>
Source record: 218385
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <4vgpgb$5a3@texas.nwlink.com> zommbee@nwlink.com (zommbee) writes:
>I feel like I just woke up out of a 12 year sleep and the
>world is a very different place!
>
>Can some one please give me the basic rundown of the WARC
>bands, and what the allocations are? I have a general
>class license. What segments/modes are in my license class?

Ok, the so-called WARC bands are open to General Class and
above. Here's the mode breakdown.

30m 10.1-10.15 MHz RTTY/data

Note, the 30m band is shared with the international fixed radio
service and amateurs are not permitted to interfere with fixed
service stations.

17m 18.068-18.110 MHz RTTY/data
17m 18.110-18.168 MHz Phone/image

12m 24.89-24.93 MHz RTTY/data
12m 24.93-24.99 MHz Phone/image

There are *no* CW (IE OOK Morse) subbands on HF (only on 50.0-50.1 MHz
and 144.0-144.1 MHz). CW is permitted anywhere on any amateur band, of
course, but is predominantly found in the RTTY/data band segments by
custom. Amateurs of other nations don't necessarily follow US bandplans.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1456. Morse code trainers

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: b.bark@ix.netcom.com
Message-ID: <321bb297.5760149@nntp.ix.netcom.com>
Source record: 218472

Has anybody used any of the morse code trainer programs, either computer or cassesette based and have an opinion? I would like to upgrade to General and need help to learn the code.
Thanks, Barry Barkinsky
N1WYE

1457. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: wb6w@netcom.com
Message-ID: <wb6wDwIzow.FrD@netcom.com>
Source record: 218473
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.antenna

An interesting discussion!

When I first heard of the Milham (?) study, I was told that the figures for hams were based on selecting names that appeared in "Silent Keys" in QST and that the "general public" is what the smaller group was compared with. A question I had at the time that has not been answered is if a similarly sized subgroup was selected based on some other criteria was examined to see if the same kind of statistical variations would appear. Apparently, while hams appeared to be slightly more likely to die of some kinds of cancer, they were also slightly less likely to die from other cancers.

It is my understanding that the database on which the study was based is not publicly available. If this is so, the study is seriously flawed in that there is no way I or most anyone else can tell if the conclusions extracted are in fact supported by the data. Given that the observations on which the conclusions were based are unavailable, the conclusions can have no scientific validity. Note that I am not saying that the conclusions are wrong. I am saying that niether I nor anyone I know is able to repeat the observations and independently confirm or refute the conclusions.

Put simply (and crudely), Joe McCarthy had a list of "bodies" too.
How many of HIS claims were true?

73 de Glenn Thomas wb6w
--
****
* "Correlation does not imply causiality." *
* "Two wrongs don't make a right, but three lefts do." *
* *
* wb6w@netcom.com - Glenn Thomas *
****

1458. Re: How to tell if you are a loser named burt

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: tim <drx1@ix.netcom.com>
Message-ID: <321C03F7.6210@ix.netcom.com>
Source record: 218474
Cross-posted to: rec.radio.amateur.misc,

add the name burt to the list

1459. Re: 1,000,000 qsl cards thrown away per year

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: ny1t@ix.netcom.com
Message-ID: <4vh0f9$cs7@sjx-ixn3.ix.netcom.com>
Source record: 218475

In <4vfsmp$pvd@news.coos.or.us> Garrie Jantzen
<garriej@marshfield.coosbay.k12.or.us> writes:
>
>How about "e-mail" QSL? Not as pretty (unless you attach a binary pic)

>but certainly cheaper and easier on trees?
>

check out this page
http://www.qrz.com/cgi-bin/qrz_gifs

1460. Re: Three arrest in Mesa AZ interference case

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: ny1t@ix.netcom.com
Message-ID: <4vh31p$h4@dfw-ixnews4.ix.netcom.com>
Source record: 218476

What ever happen to N5LAX on 28.325MHz and The guy on 14.313 in St
Thomas?
I was told one day the FCC was going to visit N5LAX and I never heard
him after that?

1461. Re: License required for CB radio repair

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: ny1t@ix.netcom.com
Message-ID: <4vh2gc$r94@dfw-ixnews9.ix.netcom.com>
Source record: 218477

Are there any books on GMDSS. I tried to find some before taking my test, but it seems, like everything else, all you need to do is learn the test.

1462. Re: Morse code trainers

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: ny1t@ix.netcom.com
Message-ID: <4vh2ja$5g7@sjx-ixn6.ix.netcom.com>
Source record: 218478

In <321bb297.5760149@nntp.ix.netcom.com> b.bark@ix.netcom.com (Barry Barkinsky) writes:
>
>Has anybody used any of the morse code trainer programs, either
>computer or cassesette based and have an opinion? I would like to
>upgrade to General and need help to learn the code.
>Thanks, Barry Barkinsky
> N1WYE
Super Morse is a good program. it has been around for years and has quite a few different versions.

1463. GB2RS News 25th August 1996

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: David Hough <dave@llondel.demon.co.uk>
Message-ID: <840730103snx@llondel.demon.co.uk>
Source record: 218479
Cross-posted to: uk.radio.amateur,rec.radio.info,rec.radio.amateur.misc

Good morning. It's Sunday the 25th of August and here is the GB2RS news broadcast, prepared by the RSGB and intended for all radio amateurs and short-wave listeners.

There is a new RSGB QSL Bureau sub-manager for the G0I series of callsigns. He is Anthony Lord, G4KHT, whose address is correct in the RSGB Call Book. Anthony takes over the position from Mr I Webb, G4JFF, who is thanked for his services as sub-manager for this series in the past.

This weekend, the 24th and 25th of August, is the Historic Scotland Weekend, and ten special event stations are on the air from historic sites around Scotland. Each station is active until 1700UTC Sunday, mainly on 20, 40 and 80 metres SSB. Details of the callsigns and location of the stations can be found on page 94 of the August RadCom, but please note that unfortunately GB2HSA will not be active. An award is available for contacting these stations: for full details, contact Mike Dalrymple, GM4SUC, whose address is correct in the Call Book, or phone him on 01292 443127.

Listeners to the 2 metre GB2RS news broadcast at 9.30am local time in Cornwall should note that from the 1st of September it will be made through the north Cornwall repeater on channel R5, and not on S21. This will be for a trial period of four months. Reports will be welcomed either by the newsreader or direct to GB2RS manager Ian Kyle, GI8AYZ, whose address is correct in the RSGB Call Book. The purpose of the experiment is to improve coverage in this difficult terrain.

Jamboree On The Air takes place this year over the weekend of the 19th and 20th of October. All those applying for a GB special event callsign for Jamboree On The Air will receive a free 'JOTA Pack' containing lists of participating stations and countries permitting third-party greetings messages, plus a newsletter from the Scouts Association. Groups intending to operate during Jamboree on the Air using club station callsigns with prefixes such as GX or GS should inform Eva Telenius-Lowe at RSGB headquarters by the 4th of October if they also wish to receive a free JOTA Pack.

Now some items of HF DX news from the weekly RSGB DX News Sheet, edited by Chris Page, G4BUE:

From Corsica, F2YT is active as TK/F2YT from now until Monday the 2nd of September. He will also try to operate from some of the coastal islands off Corsica.

From Crete, IV7VEH is active as SV9/IV7VEH from now until Thursday the 29th of August on SSB only.

And from the Aland islands, OH2KMG will be active as OH0KMG from Friday the 30th of August for three days, on CW and SSB.

Now news of some special event stations:

GB2LAM is operational from Ludham Air Traffic Control War Museum this weekend, the 24th, 25th and 26th of August. The station is operational on 2, 20, 40 and 80 metres using FM, CW and SSB.

And GB4DAR is being operated by the Derwentside Amateur Radio Club at Allensfords Show today and tomorrow, the 25th and 26th. The station is on the air between 10 and 1700 UTC, mainly on 40 and 80 metres.

Next the Rally News:

The Torbay Amateur Radio Society rally is held at the Torbay Leisure Centre, Clennon Valley, in Paignton, today, Sunday the 25th of August. Doors open at 10.00am.

The Galashiels and District Amateur Radio Society's open day and rally also takes place today, the 25th, at the Volunteer Hall, St John's Street, Galashiels from 11.00am.

The Coleraine and District Amateur Radio Society's radio rally is being held at the Lodge Hotel in Coleraine on the 25th. Doors open at 12.00 noon.

Huntingdonshire Amateur Radio Society are holding their annual August Bank Holiday Monday rally on the 26th of August at The Ernulf Community School, St Neots, Cambridgeshire. The event features a car boot sale and a large hall with traders. Doors open at 10.00am and talk-in will be on 2 metres channel S22. For further details contact David Leech, G7DIU, on 01480 431333.

And Swansea Amateur Radio Society are also holding an amateur radio and computer show on Monday the 26th of August in Singleton Park, Swansea, as part of the Swansea City and Council Summer Show. Doors open at 11.00am and for further details you can contact Roger, GW4HSH, on 01792 404422.

The Milton Keynes and District Amateur Radio Society Radio Fayre takes place next Sunday the 1st of September, in Bletchley Park. There will be a bring and buy stall, a club antenna erecting challenge, Morse tests, demonstrations by service organisations, and arena events for the family, including live music. Talk-in will be on 2 metres channel S22 and for further details please ring 01908 672920.

The Bristol Radio Rally and Computers and Electronics Market will be held at the Brunel Centre, Temple Meads Station, Bristol on Sunday the 1st of September. For further details ring 01275 834282.

Next Sunday, the 1st of September, the Telford Radio Rally will take place at the Telford International Centre. The event features dealers, a flea market, bring and buy stand, Morse tests on demand, and an RSGB book stall and membership information stand. For further details please ring 01743 235619.

Now for the contest news:

The Worked All Britain 144MHz QRO Phone contest will be on Sunday the 15th of September and not on the 8th of September as previously advertised. Full details are available from the WAB Contest Manager, Graham Ridgeway, G8UYD, whose address is not correct in the 1996 Call Book. Graham's address is 6 Rosewood Avenue, Blackburn, Lancashire, BB1 9SZ.

The fourth of six sessions in the RSGB 10GHz Cumulative Contest takes place today, Sunday the 25th of August, between 0900 and 2100UTC. The rules were published in the March 1996 RadCom.

And now the solar factual data for the period from the 12th to the 18th of August, compiled by Neil Clarke, G0CAS:

Solar flux levels declined slightly and averaged 69 units. The 90-day solar flux average on the 18th was 70 units. X-Ray flux levels also declined and averaged A1.5 units. Geomagnetic activity started the period at 'quiet' with an Ap index of 5, but during the second half of the week increased to 'unsettled', with an average of Ap 9 units.

Now the ionospheric data for Central France for the period from the 9th to the 15th of August. The average F2 daytime critical frequencies declined to 5.7MHz on the 11th and 12th, then increased to 7.2MHz on the 14th and 15th and the average was 6.4MHz. The darkness-hour lows averaged 3.1MHz. The daytime highs took place between 1900 and 2100 hours every day and the darkness-hour lows were between 0200 and 0400. 15 hours of blanketing E was recorded by Meudon.

And lastly the solar forecast. This week the more active side of the sun is expected to be looking our way and solar activity could increase from very low levels if any solar flare activity takes place. Solar flux levels are expected to increase to the high 70s or even the low 80s. Geomagnetic activity is expected to be 'quiet' for most of the week, but levels could increase around midweek. MUFs during daylight hours at equal latitudes are expected to be about 19MHz for the south and 16 MHz for the north. However, these levels could be slightly higher, especially down to South Africa and South America, and particularly during the evening. The darkness hour lows are expected to be about 10MHz.

And that's the end of the solar information.

Finally in the main news, SSL has informed the Society that as of last Wednesday morning, the latest callsigns allocated were in the M0 Alfa Kilo and M1 Alfa Yankee series, and Novice calls in the 2 0 Alfa Oscar and 2 1 Foxtrot Golf series.

--
GB2RS is prepared by the Radio Society of Great Britain.
Tel +44 1707 659 015
Fax +44 1707 645 105
http://www.rsgb.org/

1464. B&W 5100 AM XMTR Schematic

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: Sam <sdiamore@cyberenet.net>
Message-ID: <01bb8fc7$31007cc0$1cb66ace@sdiamore.cyberenet.net>
Source record: 218480

Does anyone have, or know how I can get hold of a schematic for the B&W 5100 AM transmitter?

Thanks for any information you can provide.

Sam - WA2JCT

sdiamore@cyberenet.net

1465. Re: License required for CB radio repair

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: billsohl@planet.net
Message-ID: <4vhn5l$bug@jupiter.planet.net>
Source record: 218481

Curtis Wheeler <cwheeler@ccnet.com> wrote:

>I'll have to double check at the office but I am 99% sure that the
>license is still required for internal adjustments or repairs to
>transmmitters in the aviation or marine service (including VHF-FM marine
>on inland waters).

>That is for transmitters. Many avionics are not transmitters - but for
>the purpose of signing off any maintenance, I believe, you still have to
>hold a FAA Radio Repairman Certificate (in addition to the GROL for
>xmtrs). Don't hold me to that stuff as I don't service any avionics - I
>rent airplanes and just want the boxes to work. However - I will work
>on the VHF in my boat if the need arises.

I've talked to some folks that indicates that an FCC license
is no longer required by the FCC. That can still be true while
the FAA maintains its own criteria. That's no differeb than
a private company requiring some type of license to work
on their mobile radios even if the FCC doesn't mandate it.

As to the specifics below, perhaps someone can verify
the current applicability of the rules cited.

>Unless a change slipped by me in the last year or so.....

>For aircraft: Part 87.73 Requires all transmitter adjustments and tests
>during installation, servicing or maintenance of aviation stations be
>completed under the direct supervision of a licensed general
>radiotelephone operator.

>For marine: Part 80.169 places about the same requirement on marine
>transmitters. Except that 1st or 2nd class radiotelegraph operators
>also qualify. Those telegraph operators are the only ones authorized to
>work on marine radiotelegraphy stations. A radar endorsement is also
>required for work on ship radar.

Bill Sohl K2UNK
ARRL Local Gov't Liaison, Mt. Olive Township, NJ

1466. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: Jake Brodsky <frussle@erols.com>
Message-ID: <321C8FF6.158C@erols.com>
Source record: 218482
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.misc

Gary Sanders wrote:
>
> Jake Brodsky wrote:
> >
> > I'm just curious Gary, did you use a speaker mike all the time? And
> > did you transmit with the radio on your belt?
> >
> Yes, I used a speaker mike with both radios, and transmitted with the
> radios on my belt. Usually, the radio was sitting either at the small
> of my back or pretty far back on my right hip (due to other junk that
> I had to carry on my belt at the same time!).
>
> Gary

Well, I can't say that I agree with your assumptions Gary, but I can
understand why you feel that way. Take care...

73,

Jake Brodsky, mailto:frussle@erols.com
PP-ASEL-IA, Cessna Cardinal N30946, Based @ MD24
Amateur Radio Station AB3A
"Beware of the massive impossible!"

1467. ICOM W21AT

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: sew4fun@dreamscape.com
Message-ID: <4vg70p$8su@newsfeed.dreamscape.com>
Source record: 218483

Does anyone know how to change the radio from wide band recieve, to normal operation. I am not able to program PL's while in the wide band recieve mode. Also, does anyone know the front panel key code to reset the CPU? Any help with this is greatly appreciated. N2ZHH

1468. Re: F.S. Hoka Code 3

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: Murray Neece <kc5mdm@iglobal.net>
Message-ID: <4vg8j9$3mq@news.iglobal.net>
Source record: 218484
Cross-posted to:
rec.radio.swap,rec.radio.digital.misc,rec.radio.amateur.misc,rec.radio.misc,rec.radio.amateur.equipment,rec.radio.shortwave

wht the hellis a hoka 3/?

1469. **** FOR SALE **** Kenwood 701 a

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: gordj@alink.islandnet.com
Message-ID: <960822033023412@alink.islandnet.com>
Source record: 218485

I have for sale a Kenwood 701A Dual Band Mobile Radio
I am asking $500.00 Canadian Or Best Offer

I can Be reached by E-Mail at gordj@alink.islandnet.com
for more information

PS: Still have the original box and manual for it as well !

1470. FT51R Computer Interface Cable

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: levine@mc.com
Message-ID: <4vhpgr$3od@newsy.mc.com>
Source record: 218486

Anyone have the pinout specs for a DB9 connector to 1/8" stereo plug
to make a cable to connect the FT51R to computer? (like the ADMS cable)
Also need the same for the cable to the FT50. (they are different)

Bob

--
/**
* Bob Levine *
* KD1GG/KB1BRM/VK2GYN/7J1AIS *
* Manager of Application Engineering *
* Mercury Computer Systems *
* --*
* Opinions expressed in this message are my own personal opinions *
* --*
* Personal Web Page http://www.ultranet.com/~bob/ *
**/

1471. Re: 1,000,000 qsl cards thrown away per year

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: jim.wagner@ibm.net
Message-ID: <4vgaot$3n0m@news-s01.ny.us.ibm.net>
Source record: 218487
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

--snip---
>
>The fact that you don't collect the QSL's is no reason not to confirm
>a QSO as long as the other station will at a minimum generate a card
>with the QSO information, and provide a return envelope with the
>necessary postage in the form of IRC's or greenstamps. All you have
>to do is sign the card to confirrm the QSO. You simply need to inform
>the other station of your requirements. Not to much to ask! IF they
>don't provide the above after you have informed them,....then they
>don't deserve the card. The QSL is the final courtesy.
>
> 73 de KN0Z Gary

Not sure I've followed the main idea of this thread or not.

Is the problem that hams participating in exchanging QSL cards are
not following through or that unsolicited QSL cards are unclaimed at
a QSL bureau?

If the first, then _maybe_ there's a problem with manners. If the second,
then the potential recipients don't seem to be at fault to me.

I've been licensed since '88 and haven't participated in exchanging QSL
cards. Not through any particular thing other than I was never interested
in doing so. Didn't buy any cards, didn't ask for any. Don't recall that
getting a ham license required me to exchange QSL cards, either.

If the subject comes up at all during a QSO (and it doesn't very often), I
just tell the other ham I don't have any cards and don't trade 'em. Since
we are usually rag chewing and clearly aren't hunting paper it's never
been a problem.

Speaking of paper hunting, all it took to COMPLETELY turn me off to
that concept was a WAS net.

I don't know how to use a QSL bureau and could care less how to. If
QSL cards to me are gathering mold in one, then they are unsolicited
and hardly my problem. I have received maybe a dozen QSL cards direct
and have always acknowledged by letter, but I still don't intend to buy
cards I don't want just to respond to cards I didn't ask for but received
anyway.

I also doubt that a QSL card from me would make any realistic difference
on the other end. North Carolina is not rare dx :-)

If others want to chase paper certificates or exchange QSL cards, I'm all for it. Ham radio has room for all kinds of activities. But seems to be an unfortunate tendency in this hobby to berate those who don't share a particular view of what "should be" or participate in someone's favorite activity.

73 de Jim, N4SVZ

1472. Re: License required for CB radio repair

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: ny1t@ix.netcom.com
Message-ID: <4vi15j$bd6@dfw-ixnews8.ix.netcom.com>
Source record: 218488

From National Radio Examiners Commercial Radio Examiner's Manual rev jul 96.

The General Radiotelephone Operator License (GROL) is required to adjust, maintain or internally repair transmitters in aviation, maritime and international fixed public radio services. It is also required by most AM/FM/TV brodcast licensees. In addition to all of the operating authority of the MROL, it also permits operation of maritime land or ship radio stations operating with more than 1,500 watts PEP and voluntarily equipped ship or aeronautical stations with more than 1000 watts PEP.

1473. Bootleg ELNEC being sold

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: w7el@teleport.com
Message-ID: <4vgqos$304@nadine.teleport.com>
Source record: 218489
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

I just received a call from someone who purchased a copy of ELNEC (antenna analysis program) at the Jacksonville, FL hamfest a few weeks ago. According to his report, the seller had several copies, and he recalled paying about $22 for it. ELNEC, EZNEC, and EZNEC-M are commercial, copyrighted software. They are not shareware or freeware. I sell only direct; I have no representatives or distributors.

If anyone can identify the individual selling these programs, please contact me right away at w7el@teleport.com. If you see any of these programs being sold anywhere, by anyone, please identify the individual and company if you can, and contact me. I've spent well over 1,000 hours developing these programs and will take legal action against anyone selling them. Anyone attending the forthcoming Melbourne hamfest would do me a great favor by keeping an eye out for this person.

The only ways to get a legal copy are:

- purchase it from me, or

- purchase it from a person who is a registered owner and is giving up his license to you. That is, the seller can not use the program after he sells it. Upgrading at a discount price doesn't confer a second license. That is, a person can't sell or give away his old ELNEC when upgrading to EZNEC, or an older version when upgrading to a newer one, unless he pays full price for both the original and upgrade.

There is a demo version of ELNEC, which is clearly identified on the screen and in the manual as a demo version. ELNEC is started by typing 'ELNEC'. The demo version requires a different word to start. The demo version _only_ can be freely distributed and copied. (It's available from ftp.teleport.com/pub/vendors/w7el and other sources as ELNECDEM.EXE. "Running" it expands it into several files, including a READ.ME file which, again, identifies it as a demo version.) There are no demo versions of EZNEC or EZNEC-M.

If piracy is condoned and allowed to persist, nobody is going to make the very substantial effort of developing quality software. So your help will also make it possible to keep quality software available.

Thanks for your help!

73,
Roy Lewallen, W7EL

1474. Re: WA8IMO wants to know !

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: n7ory@primenet.com
Message-ID: <4vhvfh$rri@nnrp1.news.primenet.com>
Source record: 218490

Steve Wolf <no8m@apk.net> wrote:

>True ... for now, anyway. If instances of amateurs causing harmful
>keep occuring, you will loose that "right".

Sure, if we all keep bending over for crap like this EPA stuff..

>The simple lack of a motive for needing a modified radio is evidence
>as to the intention to cause interference.

Not really, it proves that the prosecution has lack of evidence.

"He owns a gun, he must be bad. Why, he'll probably be shooting
someone soon.." Yeah, right.

>I bet a bunch of prosecutors and juries would agree.

>Anyone who modifies a radio for out of band interference ... oops, I mean
>"use", without cause to need that modification, is asking for the trouble
>they get. (This includes the trouble that will occur if their modified
>radio is stolen and used criminally and then traced back to the owner.)

If a situation came up where you had an accident in the middle of
nowhere, people are bleeding and strewn about the road.. You call for
help on all the simplex freqs, even try a couple repeater pairs to no
avail.. You tune out of band to hear a DPS officer, BUT, since you
didn't have a modified radio, you sit and watch the others die,
knowing.

God help us if we ever need to, but its worth the risk to save a life.

>(Hey, Bob! WA8IMO! Can I use your flameproof suit as if the above doesn't
>ignite a bruhaha, I don't know what will!)

>--
>73,
>Steve
> Internet: no8m@apk.net
> Amateur Radio: no8m@no8m.#neoh.oh.usa.na
> MSYS Mail List: msys-request@hamnet.org ('info' for title)

Rob Neff (N7ORY)

1475. FS: ICOM 2 Meter handheld

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: donknow@datasync.com
Message-ID: <4vi4ij$t80@osh1.datasync.com>
Source record: 218491

```
ICOM 2GAT for sale. switchable 1 or 7.5 watt out.
Rx 130-170 Memory for 20 + call channel.
Tx 140-150Mhz
Extra battery, case, manual.
Mint condition. $150
Don Knowlton WB2YHM
(601)864-6642 donknow@datasync.com
```

1476. Re: Anonymous poster caught: J. Mackey (was: Re: CB repeaters)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4vgo1j$fea@lehi.kuentos.guam.net>
Source record: 218492
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

John--Mackey--KA0SSF <no--place@any-where.com> wrote:

>HOORAY!!! you figured out that it was me!!!!! Gee, that was REAL TOUGH
>since I ALWAYS sign my name & call to my messages.

>Yea, I sent the message to Burt (K1OIK) calling him "dumb". He IS dumb.

>I never denied it was me or even TRIED to hide it. You are a fool.

>Go away

Not ALWAYS, John, I think you forgot to sign this one, remember ?
You don't talk potty mouth on the repeater and forget to sign your
call, do you ? Read it over again and see if you can find where you
signed it ....

73, Jim KH2D

==========
Newsgroups: rec.radio.amateur.misc,rec.radio.amateur.policy
From: Surprise2 <surprise2@where2.edu>
Subject: Re: Ham's character
Content-Type: text/plain; charset=us-ascii
To: k1oik@ccsnet.com
Message-ID: <320FAD23.43E3@where2.edu>
Sender: news@onyx.indstate.edu
Nntp-Posting-Host: 208.5.147.156
Content-Transfer-Encoding: 7bit
Organization: Myself & I-2
References: <320494BF.3ED6@juno.com> <4ueod6$1el@unet.net.com>
<320BCF2B.79A1@ccsnet.com>
<NEWTNews.839786993.28413.gpewitt@execpc.com.execpc.com>
<320EFE65.5A8B@ccsnet.com>
Mime-Version: 1.0
Date: Mon, 12 Aug 1996 22:16:03 GMT
X-Mailer: Mozilla 3.0b6Gold (Win95; I)
Lines: 16
Xref: lehi.kuentos.guam.net rec.radio.amateur.misc:9840
rec.radio.amateur.policy:3795

Burt Fisher wrote:

> gpewitt@execpc.com wrote:
> > > My gear is still for sale.
> > > I claim that hams will not engage me L I V E when they are open to
> > > all listeners.

>
> > Eat sh*t and die Burt.
>
> How the typical gutless ham responds.

Burt Fisher you are a PUSSY so shut the fuck up.

You are dumb too.

==========

1477. FS: Motorola Spectera for sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: ereeves@oz.net
Message-ID: <4vi720$84d@news.oz.net>
Source record: 218493

For sale Motorola Spectera radio for sale 900Mhz Make offer.

1478. Questions about WARC bands

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: zommbee@nwlink.com
Message-ID: <4vgpgb$5a3@texas.nwlink.com>
Source record: 218494
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

I feel like I just woke up out of a 12 year sleep and the
world is a very different place!

Can some one please give me the basic rundown of the WARC
bands, and what the allocations are? I have a general
class license. What segments/modes are in my license class?

I know there are probably a ton of ARRL publications on this,
but I haven't seen them and I'm getting really curious. Using
my Kenwood R1000 GC receiver I have monitored 10.1-ish and
heard what must undoubtedly be the 30-meter CW band, but where
does it stop?

I went to the FCC frequency allocation site on the web and
got virtually no understandable information from it.

Any information would be greatly appreciated.

Dave WB7AWK
zommbee@nwlink.com

1479. re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: Tovar <tvr@alive.com>
Message-ID: <321C01B4.41C6@alive.com>
Source record: 218495
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.antenna

My layperson's understanding of this is that even if we were to be required to file such documents under NEPA (or CEQA in California), they very strongly frown on duplicative efforts. In many cases, existing studies of essentially the same problem can often be included by reference. So, for example, if W1AW were required to do an EIR and the ARRL was sufficiently dilligent in preparing its report, then those of us whose situations were sufficiently similar (or obviously less severe) could utilize their work, and would likely require very minor individual effort. (Of course, this should be considered as the speculation of an untrained concerned citizen and appropriate counsel should be sought if the question at hand applies to you in more than a theoretical or rhetorical context).

-- KD6PAG

1480. FCC VANITY CALL SIGN GATE 2 OPENS SEPTEMBER 23, 1996

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: "Bart Jahnke, KB9NM ARRL/VEC" <vec@arrl.org>
Message-ID: <321C5C1D.66C5@arrl.org>
Source record: 218496

Newsmedia information 202-418-0500
Fax-On-Demand 202-418-2830
Internet: http://www.fcc.gov

FCC PUBLIC NOTICE

Federal Communications Commission
1919 M St., N.W.
Washington, D.C. 20554

August 22, 1996

AMATEUR STATION VANITY CALL SIGN SYSTEM
FILING GATE 2 OPENS SEPTEMBER 23, 1996

Amateur operators who meet the following eligibility standards may request a vanity call sign on or after September 23,1996. File your request on FCC Form 610-V. Legibility is critical! If the information on your application is not legible, you could experience a delay in processing, lose the opportunity to obtain a requested call sign or even obtain a call sign different from what you want. You must hold an unexpired amateur operator/ primary station license grant of the proper operator class, as described below, to request a vanity call sign for your primary station. To request a vanity call sign for a club station, you must also hold an unexpired club station license grant listing you as the license trustee. Refer to the licensee data base to verify that the call sign you are requesting is not already assigned. A call sign is normally assignable two years following license expiration, surrender, revocation, set aside, cancellation, void ab initio, or death of the grantee. See Fact Sheet PR5000 Number 206-V AMATEUR STATION VANITY CALL SIGN SYSTEM. For explanations of Groups A, B, C and D and the geographic Regions, see Fact Sheet PR5000 Number 206-S, AMATEUR STATION SEQUENTIAL CALL SIGN SYSTEM.

NOTE: A separate Public Notice will be released providing guidelines for the implementation of electronic filing procedures for FCC Form 610-V.

REQUEST BY LIST (PRIMARY OR CLUB STATION) - Provide a list of up to 25 call signs in the order of your preference. The first assignable call sign on your list will be assigned to your station. When so requesting for your primary or club station:

* The call sign must have been unassigned for at least two years.

* If you are an Amateur Extra Class operator, each call sign must be in Group A, B, C or D.
NOTE: Advanced, General, Technician Plus, Technician, and Novice Class operators are not yet eligible to request by list. Advanced Class operators

will be eligible at Gate 3. Others will be eligible at Gate 4.

* Each call sign must be one designated for the Region of your mailing address as follows:

** One of the contiguous 48 states - Regions 1 to 10.
** Alaska - Regions 1 to 11.
** American Samoa - Regions 1 to 10, or Region 13 having numeral 8.
** Commonwealth of Northern Marianna Islands - Regions 1 to 10, or Region 13 having numeral 0.
** Guam - Regions 1 to 10, or Region 13 having numeral 2.
** Hawaii - Regions 1 to 10, or Region 13 having numeral 6 or 7.
** Puerto Rico - Regions 1 to 10, or Region 12 having numeral 3 or 4.
** Virgin Islands - Regions 1 to 10, or Region 12 having numeral 2.

REQUEST BY FORMER HOLDER (PRIMARY STATION) - Opened May 31, 1996.
For your primary station, you may request a call sign that was previously assigned to your primary, secondary, repeater, auxiliary link, control, or space station. When so requesting for your primary station:

* You may request your former call sign even though it has been unassigned for less than two years. The two year requirement does not apply to an otherwise eligible primary station if the call sign was previously assigned to a station of the requestor.

* You do not have to hold a class of operator license required for the Group (A, B, C, or D) for the call sign requested. A call sign request by former holder may be from any Group in the sequential system.

* Your mailing address does not have to be in the Region designated in the sequential system for the call sign requested. A call sign requested by former a holder may be in any Region.

REQUEST BY CLOSE RELATIVE OF FORMER HOLDER NOW DECEASED (PRIMARY STATION) - Opened May 31, 1996.
For your primary station, you may request a call sign that was previously assigned to the primary, secondary, repeater, auxiliary link, control, or space station of your now-deceased spouse, child, grandchild, stepchild, parent, grandparent, stepparent, brother, sister, stepbrother, stepsister, aunt, uncle, niece, nephew, or in-law. When so requesting for your primary station:

* You may request the former call sign of a close relative now deceased even though it has been unassigned for less than two years. Upon the death of the holder, a call sign is assignable immediately to an otherwise eligible primary station of a close relative.

* You must be an Amateur Extra Class operator to request a Group A call sign.

* You must be an Amateur Extra or Advanced Class operator to request a Group B call sign.

* You must be an Amateur Extra, Advanced, General, Technician Plus, or Technician Class operator to request a Group C call sign.

* You must be an Amateur Extra, Advanced, General, Technician Plus, Technician or Novice class operator to request a Group D call sign.

* Your mailing address does not have to be in the Region designated in the sequential system for the call sign requested. A call sign requested by a close relative of former holder now deceased may be in any Region.

* You must show your relationship to the deceased person exactly as listed in the instruction, i.e., child, niece or in-law.

* The license grant of the former holder now deceased must have been deleted from the licensee database. That is accomplished by a relative of the deceased submitting a signed request to have the license grant cancelled accompanied by a copy of an obituary or death certificate. The request for cancellation must be submitted to the FCC, 1270 Fairfield Road, Gettysburg, PA 173257245 prior to filing the application for a vanity call sign.

REQUEST BY FORMER HOLDER (CLUB STATION) - Opened May 31, 1996.
For the club station for which you are the license trustee, you may request a call sign that was previously assigned to that station. When so requesting for a club station:

* You may request your club station's former call sign even though it has been unassigned for less than two years. The two year requirement does not apply to an otherwise eligible club station if the call sign was previously assigned to the club station for which the requestor is the license trustee.

* You do not have to hold a class of operator license required for the Group (A, B, C, or D) for the call sign requested. A call sign request by former holder may be from any Group in the sequential system.

* Your mailing address does not have to be in the Region designated in the sequential system for the call sign requested. A call sign requested by a former holder may be in any Region.

REQUEST IN MEMORIAM (CLUB STATION) - Opened July 22, 1996.
If you are the license trustee for your club station, you may request in memoriam for your club station the call sign previously shown on the primary, secondary, repeater, auxiliary link, control, or space station license of a deceased person who was a member of the club. When so requesting in memoriam for your club station:

* The club must have held a club station license grant on March 24, 1995, or you must be an Amateur Extra Class operator.

* You may request the call sign even though it has been less than two years following death of the club member. Upon the death of the holder, the call sign is assignable immediately to an otherwise eligible club station.

* You must have in your station records a written statement (do not send to FCC unless requested) from a spouse, child, grandchild, stepchild, parent, grandparent, stepparent, brother, sister, stepbrother, stepsister, aunt, uncle, niece, nephew, or in-law of the deceased confirming the deceased person's association with the club and showing consent of the relative to your request.

* You must be an Amateur Extra Class operator to request a Group A call sign.

* You must be an Amateur Extra or Advanced Class operator to request a Group B call sign.

* You must be an Amateur Extra, Advanced, General, Technician Plus, or Technician Class operator to request a Group C or D call sign.

* Your mailing address does not have to be in the Region designated in the sequential system for the call sign requested. A call sign requested in memoriam may be in any Region.

* You must enter the relationship to the deceased person giving consent exactly as listed in the instruction, i.e., child, niece or inlaw.

* The license grant of the former holder now deceased must have been deleted from the licensee database. That is accomplished by a relative of the deceased submitting a signed request to have the license grant cancelled accompanied by a copy of an obituary or death certificate. The request for cancellation must be submitted to the FCC, 1270 Fairfield Road, Gettysburg, PA 17325-7245 prior to filing the application for a vanity call sign.

A $30.00 fee is required with your FCC Form 610-V application. Payment of fees may be made by check (payable to "FCC"), bank draft, money order or credit card. If paying by credit card, you must also complete and submit FCC Form 159 with your FCC Form 610V. Do not send cash.

Send your application package to:

Federal Communications Commission
Amateur Vanity Call Sign
Request P.O. Box 358924
Pittsburgh, PA 15251-5924

If you do not qualify under the forementioned eligibility standards, your application will be dismissed. A future public notice will announce Gate 3 which will have expanded eligibility standards.

For further information, contact the Consumer Assistance Branch at 1-800-322-1117.

-FCC-

1481. Absolute Field Strength Measurements.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: Jake Brodsky <frussle@erols.com>
Message-ID: <321CDD9F.3CB8@erols.com>
Source record: 218497
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

Cecil Moore wrote:

> What we need to do is come up with an RF sniffer that is easy
> to build and the accuracy of which is guaranteed by design to
> be close enough for semi-accurate measurements. Any takers?
> Such a device should be a best seller. Anybody care to discuss
> the challenge (if any) of such a design?
>

This is indeed the flaw that the FCC never really faced up to when they wrote their silly new regulations on RF exposure. There is no easy way to model many of the antennas we hams use. And even if there were, that sort of thing is beyond the technical ability of at least 95% of all hams.

The test equipment the FCC made references to cost many thousands of dollars. I think it probably costs more than most hams have spent on their entire stations.

Anyhow, what we need is a simple reference. We can use a simple receiver, portable antenna, and an attenuator set to act as a relative FS meter. We can place exactly one watt in to a reference (NIST) dipole for VHF measurements and then back off in to the far field at some given distance for a known field strength. --But I still don't see how we can make a
usable FS reference scheme for anything below 50 MHz.

--
Jake Brodsky, mailto:frussle@erols.com
PP-ASEL-IA, Cessna Cardinal N30946, Based @ MD24
Amateur Radio Station AB3A
"Beware of the massive impossible!"

1482. Re: transmitter/ reciever..

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: DRHYDRO@ames.net
Message-ID: <DRHYDRO-2208960024320001@1.1.1.1>
Source record: 218498

In article <4vdbho$3rb@star.epix.net>, aloysius@epix.net wrote:

> not sure if this is the right, group, but here goes.
> I'm looking for schematics for a little reciver/ transmitter combo for
> use in my and my partner's motorcycle helmets as her voive is too
> petite to be heard at speed. PTT not necessary, crystal controlled is
> fine- im new to radio, so I'm looking for something that wont take
> much if any tweaking/calibration. Prefer images rather than ascii as I
> can NEVER figure out the ascii drawings...:) any picture format is
> fine..
> im looking for a battery powered setup that transmits maybe 300 feet
> tops.(for when i give the second kit to a car driver)
> email pls..
> ALOYSIUS@EPIX.NET
> TIA

Radio shack sells 'em, and several of the mail-order catalogs (Sharper Image, Damark, for starters) also deal in these things... and they go for prices so low that you can't hope to build something workable for anything close, in my opinion. I found a set of Radio Shack FM transceivers at a flea market in Chicago for $20- they're just what you describe. But pay attention to the headset, too- for motorcycle use, you might need noise-canceling mikes.

--
Paul Nelson "When I go, I want to go quietly, in my
Ames, IA sleep, like my grandfather....not
screaming, like his passengers."
(DrHydro@ames.net)
"More hay, Trigger?"
"No thanks, Roy, I'm stuffed."

1483. Re: Anonymous poster caught: J. Mackey (was: Re: CB repeaters)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: "John..Mackey..KA0SSF" <no__place@any__where.com>
Message-ID: <321CBD41.5B9A@any__where.com>
Source record: 218499
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Jim Kehler wrote:

> You don't talk potty mouth on the repeater and forget to sign your
> call, do you ?

BTW - I always ID on my repeaters.

1484. Absolute Field Strength Measurements.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: Jake Brodsky <frussle@erols.com>
Message-ID: <321CDF7A.6B36@erols.com>
Source record: 218500
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

Cecil Moore wrote:

> What we need to do is come up with an RF sniffer that is easy
> to build and the accuracy of which is guaranteed by design to
> be close enough for semi-accurate measurements. Any takers?
> Such a device should be a best seller. Anybody care to discuss
> the challenge (if any) of such a design?
>

This is indeed the flaw that the FCC never faced up to when they wrote their silly new regulations on RF exposure. There is no easy way to model many of the antennas we hams use. And even if there were, that sort of thing is beyond the technical ability of at least 95% of all hams.

The test equipment the FCC made references to cost many thousands of dollars. I think it probably costs more than most hams have spent on their entire stations.

Anyhow, what we need is a simple absolute reference. We can use a portable receiver, antenna, and an attenuator set to act as a relative FS meter. For VHF and up we can calibrate it by putting exactly one watt in to a reference (NIST) dipole for VHF measurements and then back off to the far field at some given distance for a relatively accurate field strength.

Below VHF, I don't know how we can make a usable FS reference scheme for anything below 50 MHz. The size gets unwieldly. Anyone have suggestions?

73,

Jake Brodsky, mailto:frussle@erols.com
PP-ASEL-IA, Cessna Cardinal N30946, Based @ MD24
Amateur Radio Station AB3A
"Beware of the massive impossible!"

1485. TechPlus --> General?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: Rick Miller <rick@DigalogSys.com>
Message-ID: <Pine.LNX.3.91.960822151706.7279A-100000@net.digalogsys.com>
Source record: 218501
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Hi!

Could someone verify what I'll need to do to upgrade from Tech Plus
to General? I just need to pass the 13-gpm code test, right?

"Rigless" Rick Miller (kb9obn) rdmiller@execpc.com

1486. Re: How to tell if you are a loser

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: Tu and Bob Myers <tuandbob@acy1.digex.net>
Message-ID: <Pine.SUN.3.94.960822165823.24766D-100000@acy1.digex.net>
Source record: 218502

Adding my own...

Your write email to news groups that has little or nothing to do with the
news group. Having the text "typical ham" in your post dowsn't make it
relevent to a ham radio news group.

On Tue, 20 Aug 1996, Burt Fisher wrote:

> The National Loser Test
>
> If you answer yes to ANY of the following questions you are a loser:
>
> 1. You hit your spouse.
>
> 2. You are a child molester and think you ought not kill yourself.
>
> 3. You ever drove drunk.
>
> 4. You are a typical ham radio operator.
>
> 5. You take illegal drugs.
>
> 6. You cheated on your spouse more than once.
>
> 7. You are in jail for a criminal conviction.
>
>
>
>
> If you answer YES to three of the following you are a loser:
>
>
> 1. You are divorced and think you are not at all at fault.
>
> 2. You are fat and think it is not your fault.
>
> 3. You think alcoholism is a disease.
>
> 4. You are on welfare
>
> 5. You hit your children.
>
> 6. You are "living with somebody."
>
> 7. You use profanity frequently.

>
> 8. You own a gun "for protection" but do not live in a dangerous area.
>
> 9. You subscribe to Penthouse et.al.
>
> 10. You are proud of being a homosexual.
>
> 11. You are a member of N.O.W.
>
> 12. You smoke.
>
> 13. You dye your hair
>
> 14. You do not defend those that you agree with for fear you will not be
> liked.
>
> 15. You prefer doing anything over being with someone you truly love
> deeply (i.e. soulmate).
>
> 16. You are two faced.
>
> 15. Did not graduate high school
>
>
>
>
> 3 yes= smalltime loser
> 4-6 yes= moderate loser
> 7-10 yes think about Dr. Kevorkian
> Over 10 yes= act on Dr. Kevorkian
>
>
> Please feel free to add your own.
>
>
>

1487. Re: 1,000,000 qsl cards thrown away per year

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-22 00:00:00 UTC
From: Cecil Moore <cmoore@sedona.intel.com>
Message-ID: <321CC255.5824@sedona.intel.com>
Source record: 218503
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Lawrence wrote:
> ... and not be allowed to use commercially made
> equipment. Now that would reduce the QRM!

Hi Lawrence, Every ham designing his own transmitter would reduce the QRM? I dunno about that one. :-)

73, Cecil, W6RCA, OOTC (not speaking for my employer)

1488. Re: TechPlus --> General?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: ae4ko@magicnet.net
Message-ID: <4vj412$poo@comet2.magicnet.net>
Source record: 218386

Mark S. Bond (markbond@world2u.com) wrote:
: In article <Pine.LNX.3.91.960822151706.7279A-100000@net.digalogsys.com>,
: rdmiller@execpc.com wrote:

: > Hi!
: >
: > Could someone verify what I'll need to do to upgrade from Tech Plus
: > to General? I just need to pass the 13-gpm code test, right?
: >
: > "Rigless" Rick Miller (kb9obn) rdmiller@execpc.com

: Rick, in addition to the 13wpm CW, you have to pass the General theory...

: --mark n2riq

... unless you have a Technician license issued before 03-21-1987 (or can
provide a CSCE showing proof of element 3 credit passed before that date.)
These will qualify you for credit for the current General theory element
known as 3B.

I wish you the best in your upgrade quest, Rick.

73 de Aaron
ae4ko, ARRL-VE

--
ae4ko@magicnet.net
Orlando, FL If you apply the super-string theory
to a rubber-sheet universe, do you get a bungee cord?

http://www.magicnet.net/~ae4ko/home.html

1489. Re: SAMS Needs Your Electronics URLs

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: future@blarg.net
Message-ID: <321d178c.1107574@news.blarg.net>
Source record: 218387
Cross-posted to: rec.antiques.radio+phono,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.video.satellite.dbs,rec.video.satellite.europe,rec.video.satellite.misc,rec.video.satellite.tvro

On Wed, 21 Aug 1996 04:46:16 GMT, jafo@cheetah.net (Gregg) wrote:

>>Vs lbh pna ernq guvf, lbh ernyyl bhtug gb trg bhg zber
>
>Url! Jung xvaq bs n penpx vf gung? :-D

Urururur.. V gubhtug EBG13 jnf bhg bs qngr.. guvf vf gur svefg gvzr
V'ir frra vg hfrq va dhvgr n juvyr ;)

--
Check out my home page at http://www.blarg.net/~future/index.html
I'm a volunteer at the Win95 Help Site. Drop by if you need help with Win95.
http://www.isisnet.com/terrymo/index.html

1490. 3 arrested in Az for interference

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: lanceh@a.crl.com
Message-ID: <4vj6q1$4jf@nntp.crl.com>
Source record: 218388

08/19/96

THREE ARRESTS IN MESA INTERFERENCE CASE

Friday evening August 16th and Saturday morning August 17th Mesa police, with the help of Arizona Repeater Association's Interference Committee, FCC agents and several Mesa hams, executed search warrants and arrested 3 individuals who were suspected of causing interference by transmitting on police, fire, and several other agencies channels. More arrests are pending.

This interference has consisted of transmitting false officer emergency calls "999", hot tones, using profanity and describing sex acts on the police channels. This has interfered with police and fire traffic and caused delays in the ability to dispatch emergency traffic. These individuals are also believed responsible for malicious interference, bomb threats, and 911 abuse on numerous local amateur repeaters, which is what lead the Interference Committee to their locations.

All three subjects were identified and arrested for interfering with public safety frequencies, impersonating a police officer, and false reporting. Their electronic equipment, including radios, computers, and telephones has been seized and numerous felony and misdemeanor charges are pending. They may also be facing sanctions from the FCC.

Suspect: Joshua D Cavender
Addr: 3443 E. University #133. Mesa
DOB: 12/21/79 Race: W Sex: M Hgt: 5'9"
Wgt: 185 Eye: Bro Hair: Bro

Suspect: Brad E. Shelley
Addr: 542 S. 37th St. Mesa
DOB: 12/25/79 Race: W Sex: M Hgt: 5'9"
Wgt: 140 Eye: Bro Hair: Bro

Suspect: Christopher R. Johnson
Addr: 2006 N. Higley. Mesa
DOB: 05/18/76 Race: W Sex: M Hgt: 6'0"
Wgt: 200 Eye: Bro Hair: Bro

Case # 961710068
Officer: 10004 Manson, P.V. 07585 Tripp, N.
Supervisor: 08327 Sgt Kulina Jr.B.

1491. Ham's assist police in catching interferers

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: lanceh@a.crl.com
Message-ID: <4vj65b$4jf@nntp.crl.com>
Source record: 218389

08/19/96

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All three subjects were identified and arrested for interfering with public safety frequencies, impersonating a police officer, and false reporting. Their electronic equipment, including radios, computers, and telephones has been seized and numerous felony and misdemeanor charges are pending. They may also be facing sanctions from the FCC.

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DOB: 12/25/79 Race: W Sex: M Hgt: 5'9"
Wgt: 140 Eye: Bro Hair: Bro

Suspect: Christopher R. Johnson
Addr: 2006 N. Higley. Mesa
DOB: 05/18/76 Race: W Sex: M Hgt: 6'0"
Wgt: 200 Eye: Bro Hair: Bro

Case # 961710068
Officer: 10004 Manson, P.V. 07585 Tripp, N.
Supervisor: 08327 Sgt Kulina Jr.B.

1492. Wisconsin Callsign Plates?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: Thomas Brockdorf AA9IS <tbrock@execpc.com>
Message-ID: <4vjdn1$gb2@daily-planet.execpc.com>
Source record: 218390

I would like to apply for callsign License plates in Wisconsin.
I heard somewhere that there is some one to contact in the D.O.T.
Any info would be greatly appreciated.

Thanks,
Thomas

1493. Schematics wanted-Heath Commanche & Cheyenne

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: cmm@hookup.net
Message-ID: <4viu1c$6dm@nic.wat.hookup.net>
Source record: 218391

I have a fellow ham looking for schematics for his Heath Commanche and
Cheyenne transmitter and receiver. Can anyone help him out.
Tnx & 73 John VE3DOS

1494. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: billn@PEAK.ORG
Message-ID: <4vjhu9$2ha@bashir.peak.org>
Source record: 218392
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

John--Mackey--KA0SSF (no--place@any-where.com) wrote:

: > With the 2.5 watts my little HT puts out, I get into some of the
: > repeaters in the area marginaly, others not at all. With the 5 watt
: > pack, I get into most of them full-quieting, some of them marginaly.

: Hmmm, strange, 2.5 to 5 watts is only 3db. 3db is only 1/2 an S unit,
: certainly not much if any practical difference.

Not audibly. However, when it comes to such things as triggering a
repeater, or obtaining "full quieting", it can make a great difference.

Bill

1495. Re: WTB: inexpensive dummy load

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: cyoung@utdallas.edu
Message-ID: <4vjebt$99m@utdallas.edu>
Source record: 218393
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

Dan Murphy (murphy@gdc.com) wrote:
>
> > Does anyone have an inexpensive ($10 - $20) dummy load suitable
> > for use with my TS-820?

> You might try for an MFJ 300W Dummy load runs abt $29 new.
> A little over your $ range. May do better at the discounters at
> some of the 800 numbers in the mags.

> GL es 73
> Dan KA1SZP

You could also try a 100W light bulb

Clyde - kf5qu
--
Clyde
cyoung@utdallas

1496. Gate 2 opens

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: ae4pt@ntr.net
Message-ID: <321d6454.7087281@news.ntr.net>
Source record: 218394

FCC has announced that gate 2 of the vanity callsign
system will open September 23, 1996.

73, Bryan

1497. Re: TechPlus --> General?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: billsohl@planet.net
Message-ID: <4vj9ar$h6s@jupiter.planet.net>
Source record: 218395
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

markbond@world2u.com (Mark S. Bond) wrote:

>In article <Pine.LNX.3.91.960822151706.7279A-100000@net.digalogsys.com>,
>rdmiller@execpc.com wrote:

>> Hi!
>>
>> Could someone verify what I'll need to do to upgrade from Tech Plus
>> to General? I just need to pass the 13-gpm code test, right?
>>
>> "Rigless" Rick Miller (kb9obn) rdmiller@execpc.com

>Rick, in addition to the 13wpm CW, you have to pass the General theory...

Unless your Tech license was originally issued before the Tech
theory test became a separate element from the general.

Bill Sohl K2UNK
ARRL Local Gov't Liaison, Mt. Olive Township, NJ

1498. Looking for Alinco DR-M06 Mod

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: evansj@dma.org
Message-ID: <4vj1ba$6v0@sally.dma.org>
Source record: 218396

If anyone has a mod for the Alinco DR-M06T, please email them to chris_harris@reyrey.com.. It would be greatly appreciated..

1499. Re: TechPlus --> General?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: ahackney@heart.net
Message-ID: <321d23c9.18220646@news.heart.net>
Source record: 218397
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

On Thu, 22 Aug 1996 16:51:22 -0700, John Mullan <jmullan@sr.hp.com>
wrote:

>Rick Miller wrote:
>>
>> Hi!
>>
>> Could someone verify what I'll need to do to upgrade from Tech Plus
>> to General? I just need to pass the 13-gpm code test, right?
>>
>> "Rigless" Rick Miller (kb9obn) rdmiller@execpc.com
>Unfortunately, given that yours is a relatively new license, you
>probably only have elements 1a (5 wpm), 2 (novice theory), and 3a
>(technician theory) to your credit. This means that you must pass
>elements 1b (13 wpm) and 3b (general theory) to upgrade to a general
>class license. If you passed the old element 3 which was the
>technician/general theory test then you indeed need only pass 1b to
>upgrade.
>
>73 de KD2LQ

Go for it Rick....I'm sure you can get the theory with no sweat! I
just passed my extra written and now I'm working on my 20 wpm :)

Hope to catch you on the air in the general portion of the band
some time soon!
73 - de KG9EC

1500. Re: WA8IMO wants to know !

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4vk6bd$22l@lehi.kuentos.guam.net>
Source record: 218398

n7ory@primenet.com (Rob Neff) wrote:

>If a situation came up where you had an accident in the middle of
>nowhere, people are bleeding and strewn about the road.. You call for
>help on all the simplex freqs, even try a couple repeater pairs to no
>avail.. You tune out of band to hear a DPS officer, BUT, since you
>didn't have a modified radio, you sit and watch the others die,
>knowing.

And you can't call 911 on your cellphone because everybody at 911
is eating pizza and they won't answer the phone.....

1501. Re: SAMS Needs Your Electronics URLs

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: Phil Wakely <pwakely@scigen.co.uk>
Message-ID: <4vk6r5$h44@Thomas.generics.co.uk>
Source record: 218399
Cross-posted to: rec.antiques.radio+phono,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.video.satellite.dbs,rec.video.satellite.europe,rec.video.satellite.misc,rec.video.satellite.tvro

future@blarg.net (Tim Gerchmez) wrote:
>On Wed, 21 Aug 1996 04:46:16 GMT, jafo@cheetah.net (Gregg) wrote:
>
>
>>>Vs lbh pna ernq guvf, lbh ernyyl bhtug gb trg bhg zber
>>
>>Url! Jung xvaq bs n penpx vf gung? :-D
>
>Urururur.. V gubhtug EBG13 jnf bhg bs qngr.. guvf vf gur svefg gvzr
>V'ir frra vg hfrq va dhvgr n juvyr ;)
>

Jung vf/jnf EBG13 ??

1502. Did you go to Charlotte SC Hamfest (need help)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: sidener@crunch.nuc.umr.edu
Message-ID: <4vithh$r3o@hptemp1.cc.umr.edu>
Source record: 218400

Hi, This is a strange request. I am trying to identify someone who had attended the Charlotte SC hamfest this month who had some motorola micors for sale with external receivers. I believe they were from the D.C. area but I may be wrong. They Had a big yellow rider truck.

If you may know who this is, I would urgently like to speak to them.

Thanks,

Scott Sidener

1503. Re: Looking for Ten-Tec dealer

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: "Chris M. Bridges" <n4fan@shelby.net>
Message-ID: <321DA32B.2925@shelby.net>
Source record: 218401

Jan van Lienden wrote:
>
> Hello,
> I am looking for a Ten Tec dealer in or near The Netherlands (Holland)
> and if somebady has the information available, I am also interested
> in their e-mail address and/or homepage.
>
> 73
> Jan van Lienden PE1CID
To the best of my knowledge TEN-TEC no longer has any retailers, they
sell factory direct. They do have a Web page though. I have owned over
12 Ten Tec rigs and wish I kept them all. They are not quite as fancy as
the Jap rigs, But are a TRUE HAM RADIO. A rig the average ham can
understand, and thats what its all about!
http://mvangel.com/ten-tec/index~1.htm
--
Chris M. Bridges
>>>>>N4FAN>>>>>>
n4fan@shelby.net

1504. Re: 1,000,000 qsl cards thrown away per year

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <4vkbid$21b6@info4.rus.uni-stuttgart.de>
Source record: 218402
Cross-posted to: uk.radio.amateur,rec.radio.amateur.policy,rec.radio.amateur.misc

>the rsgb have 2,000,000 cards through per year but only 50% are
>collected. what a waste of trees by radio amateurs.
>what can be done to lessen this waste.

This is partly due to a peculiar feature of the RSGB:
They distribute cards also for non-members to the local
QSL-managers. A ham in the UK who choses not to be
RSGB member can either not bother to collect the QSL cards
or if he does he woukd have to reply by mail.

Returning QSL-cards addressed to non-members to the sender, like
some buros do, is may be more work but clarifies the fate
of the card for the sender.

73, Moritz DL5UH

1505. Re: Mobile Installation in Dodge Spirit

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: Bob Sull <wa8imo@kellnet.com>
Message-ID: <321D6B93.5806@kellnet.com>
Source record: 218403
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Jim Finney wrote:
>
> Hello,
>
> Does any one know how to route a 12 volt cable through the firewall
> of a 1993 Dodge Spirit. I currently have my FT-8000 wired to the
> fusebox and would like to wire it directly to the battery.
>
> Thanks for any suggestions.
>
> Jim.. WA5VPW..
>
> ----------
> Jim Finney
> jpf@southeast.net
> http://users.southeast.net/~jpf
> Jacksonville, Florida
> ----------

Write to Chrysler. Or see if there is an 800 number for Customer
Assistance. Chrysler was at Dayto again this year, showing how to
install in Chrysler vehicles.

Good luck.
--
<> Bob Sull WA8IMO <>
"73, CUL, es keep the FUN in Ham radio."
>Life Member-ARRL QCWA< >Member-NODXA NCDXF< >DXCC WAS RCC < >8P9BC<
>QSL Mgr for 8P6JG<
>WA8IMO@NO8M.#NEOH.OH.USA<
>WA8IMO@KELLNET.COM<

Bob Sull
"Take only photographs, leave only footprints."
==========
WA8IMO@KELLNET.COM

1506. Re: Morse code trainers

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: Bob Sull <wa8imo@kellnet.com>
Message-ID: <321D6BDC.3747@kellnet.com>
Source record: 218404

Barry Barkinsky wrote:
>
> Has anybody used any of the morse code trainer programs, either
> computer or cassesette based and have an opinion? I would like to
> upgrade to General and need help to learn the code.
> Thanks, Barry Barkinsky
> N1WYE

I have had good luck with Super Morse. It can be downloaded from ham
type BBSes.
--
<> Bob Sull WA8IMO <>
"73, CUL, es keep the FUN in Ham radio."
>Life Member-ARRL QCWA< >Member-NODXA NCDXF< >DXCC WAS RCC < >8P9BC<
>QSL Mgr for 8P6JG<
>WA8IMO@NO8M.#NEOH.OH.USA<
>WA8IMO@KELLNET.COM<

Bob Sull
"Take only photographs, leave only footprints."
==========
WA8IMO@KELLNET.COM

1507. keyer with single chip micro?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: emarch@eagle.ais.net
Message-ID: <4vkilu$72s@news.ais.net>
Source record: 218405

I thought about building a simple Morse Code keyer with
the PIC (Parallax & Micrchip) 16C71 series

has there been any recent articles on this ?? in the ham mags??

two POTS - Speed & Pitch into the A/D Inputs

3 TTL Inputs -- Dash Paddle, Dot Paddle, & Straight Key

two outputs - Key rig - Open collector
and speaker driver.

perhaps another push button input for record to use the
memory as a CW buffer to memorize call signs ...

the chips are about $7 each and two pots and a switch and
paddles and a xtal is the cheapest most band for the buck
keyer i know...

Any feed back - email me too !! thanks -- Wb9raa Ed March

--
Best Regards,
Ed

```
//--------------------------------------------------------------------
// Edward March Jr. ** Mt. Prospect, IL **>http://www.cl.ais.net/emarch
//
// Author of 'Professor Owl' the OS/2 C++ code generator.
// ***> http://www.wilmington.net/bmtmicro/catalog/prof_owl.html
//
// IBM BestTeam OS/2 Member, Linux user, Ham call WB9RAA
//--------------------------------------------------------------------
```

1508. FS: Icom Dual Band HT

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: kaf3@axe.humboldt.edu
Message-ID: <321dcf48.25600391@199.4.94.14>
Source record: 218406

I'm selling my Icom Z-1A with detachable face plate. IT's brand new. I've only used it for 1 month. It is a true duel band, with cross duplex. I've only used it in the car. It has a special tone squelch and everything. This one of the best I've ever used. I bought it for $450, and am willing to sell it for $350 FIRM.

1509. Correction: Re: Looking for Ten-Tec dealer

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: "Chris M. Bridges" <n4fan@shelby.net>
Message-ID: <321DA55C.3D45@shelby.net>
Source record: 218407

Chris M. Bridges wrote:
>
> Jan van Lienden wrote:
> >
> > Hello,
> > I am looking for a Ten Tec dealer in or near The Netherlands (Holland)
> > and if somebady has the information available, I am also interested
> > in their e-mail address and/or homepage.
> >
> > 73
> > Jan van Lienden PE1CID
> To the best of my knowledge TEN-TEC no longer has any retailers, they
> sell factory direct. They do have a Web page though. I have owned over
> 12 Ten Tec rigs and wish I kept them all. They are not quite as fancy as
> the Jap rigs, But are a TRUE HAM RADIO. A rig the average ham can
> understand, and thats what its all about!
> http://mvangel.com/ten-tec/index~1.htm
> --
> Chris M. Bridges
> >>>>>N4FAN>>>>>>
> n4fan@shelby.net

Their correct address is:

http://www.mvangel.com/ten-tec/index~1.htm
--
Chris M. Bridges
>>>>>N4FAN>>>>>>
n4fan@shelby.net

1510. Amateur Magazines Address

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: chasteen@juno.COM
Message-ID: <19960825.155608.9870.1.chasteen@juno.com>
Source record: 218408

I have been looking for two weeks for information on all Amateur
Magazines except QST.
Would you send me email giving me the email or web internet
address of any of these magazines. Of course the ddd phone number
is the last resort.

This kind of information is generally on publishers page 2 or 3.

Thanks for your help
John

St. John of Wood Dale ======================================
John Chasteen (Near the center of the Universe...)
1 Thes 5:16 (Near Chicago, Illinois.. USA)
voice 630-860-2580 chasteen@juno.com
==

--------- Begin forwarded message ----------
From: Rasmussen@centuryinter.net
To: ham-tech@netcom.com
Subject: Re: MFJ-1278b Software
Date: Thu, 22 Aug 96 10:50:20 GMT
Message-ID: <M.082296.055020.81@anxp32.mh.centuryinter.net>
References: <01BB8EEA.43F14F40@landerso>

> Hi friends,
> I just received a new MFJ-1278b TNC for my birthday! You can use
> most if its features with a regular terminal program. Do you
> know of any TNC software (shareware) for the 1278 that supports
> its SSTV and WEFAX modes. If so, please let me know where it can
> be found. Thanks. . .
>
> Lane Anderson, AA0RV
> Columbia, Missouri
> landerso@mail.coin.missouri.edu
>
>
Hey Lame,
There are two sources for a lot of shareware like you are looking for.
1. The ARRL has a lot of stuff you can down load from their
automated mail server or you can ftp from the same server.
2. A lot of the CD's with call sign data bases have tons of
software on them. I just got ver 7 of QRZ at the hamfest in
Springfield and it has a two page list of zipped up terminal progams.

If your mail program will handle attachments, I will be glad to send
you some of them. Contact me directly if you do. I don't think it
would be good to send big files through the list-server.....

73, Paul
KA6VAN AM & FM The Voice of Morton Creek, Ar.

--------- End forwarded message ----------

1511. Re: Family Radio Service -- a list of FAQ's

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: n7ory@primenet.com
Message-ID: <4vkmnf$ke5@nnrp1.news.primenet.com>
Source record: 218409

clint.bradford@atdbbs.com (Clint Bradford) wrote:

>For the first time in history, the FCC has forced licensed, commercial
>operators to share a band with unlicensed, untrained operators. The FRS
>is within 1/2 "channel" from existing repeater inputs...and there's
>absolutely no recourse for intentional interference from the new
>service.

If the lowered deviation levels don't mean anything to you, then make
sure your CTCSS unit on the repeater is functioning properly. I'm sure
this is why most repeaters have them, to "reduce interference".

"Don't sweat the petty things, pet the sweaty things.." Jake (Bear)

>clint.bradford@atdbbs.com
>... Artificial Intelligence is no match for Natural Stupidity.
>---
> * TLX v4.00 *

Rob Neff

1512. Signal Analyser for I.D.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <4vkka9$im6@freenet-news.carleton.ca>
Source record: 218410

I've heard that there are devices on the market that will analyse a signal generated by a transceiver and be able to distinguish it from others on a recheck.

Has anyone else heard of these, and if so, do they work well? Do they track the oscillator? How do they work?

Thanks

--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

1513. Looking for Ten-Tec dealer

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: jan.van.lienden@ict.NL
Message-ID: <321D8B2C.4CE4@ict.nl>
Source record: 218411

Hello,
I am looking for a Ten Tec dealer in or near The Netherlands (Holland)
and if somebady has the information available, I am also interested
in their e-mail address and/or homepage.

73
Jan van Lienden PE1CID

1514. One-Chip Keyer, No Pots!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: Rick Miller <rick@DigalogSys.com>
Message-ID: <Pine.LNX.3.91.960823104306.3657A-100000@net.digalogsys.com>
Source record: 218412

On 23 Aug 1996, Edward J. March Jr. wrote:
>
>
> I thought about building a simple Morse Code keyer with
> the PIC (Parallax & Micrchip) 16C71 series

I'm thinking about doing just that, as an add-on to the NorCal "Forty-9'er" kit that I just received in the mail yesterday. The Forty-9'er is so small though (52x68mm) that adding two of my junk-box panel-mount pots would just about *double* its size.

My idea was to use the PIC16F84 (was PIC16C84A) and no pots. With just a couple really tiny pushbuttons, I can "chord" with the paddles to adjust speed and tone or to store a pattern in the on-chip data EEPROM (which the PIC16C71 doesn't have).

I'll have one button held to adjust speed, the other held to adjust pitch. Thumb paddle decreases, finger paddle increases. Hold both buttons while you store a Morse pattern. Pressing both buttons without hitting a paddle plays back the pattern.

I'll keep the current settings for speed and pitch in the data EEPROM as well, so you won't have to readjust them every time you power up.

I'll post the listing once I've got it done.

Rick Miller (kb9obn) Rick.Miller@Linux.org

1515. Re: Cheeks (how to get rid of them)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: "John..Mackey..KA0SSF" <no__place@any__where.com>
Message-ID: <321DE4E8.40A6@any__where.com>
Source record: 218413
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,alt.culture.oregon

"John..Mackey..KA0SSF" wrote:

> Hey, (sniff), I for got to mention that at the emergency room that when the
> Doc. was stuffin my roids back up my whole, he said that my bowels might
> be backed up. He got his flashlight and started lookin up my ass. Suddenly
> he jumped up and said, "Mr. Mackey, I see a bunch of beady little eyes looking
> out at me! I think you've got a family of possums living in your ass!" I smiled
> and gave the Doc. a wink and said "Hell Doc., them ain't possums, its just...
> Tim Pacan, Hugh Duff, and Danny Browning!!!"

> hahahahahahahahahahahahahahahahahahahaha, You're an idiot!!!!

Hey Billy Cheek (bcheek@cts.com) that was a good one!!!

But what I find strange is why you would send it to
"alt.culture.oregon",
hell I am in IOWA!!!!!!!!!!!!!!

hahahahahahahaha, I guess I have the last here?

hahahahahahaha

1516. Re: Cheeks (how to get rid of them)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: "\"John..Mackey..KA0SSF\"" <no_place@any_where.com>
Message-ID: <321D7A7A.6FA0@any_where.com>
Source record: 218414
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,alt.culture.oregon

John--Mackey--KA0SSF wrote:
+
+ Evan Platt wrote:
+ +
+ + Callsign: KA0SSF
+ + Name: JOHN E MACKEY JR
+ + Addr1: PO BOX 1586
+ + Addr2: BEAVERTON OR 970751586
+ + Country: USA
+ + Class: Extra
+ + Effective: 24 Oct 1994
+ + Expires: 14 Aug 2000
+ + Born: 12 Jan 1965
+ + Email: john.mackey@p234.f40.n105.z1.fidonet.org update
+ +
+ + Do I win??
+ +
+ + John--Mackey--KA0SSF <No--place@any-where.org> wrote:
+ +
+ + +Thomas Gadly wrote:
+ + +weenie squeezer) can post my e-mail address with in a week! I may even
+ + +give some hints, cause I really want somebody to win! ;-)
+
+ Not quite, but you've got the right spirit! Good info there, I see you've been
+ doing your home work! Slirp!... slirp!... Snoooooort! puff... puff...! Ok, I'm ready
+ now! Let's see here now? Hummmm... as a reward for fast action and
+ creativity, I'll give you the hint that I'm a really tight-assed guy (except when
+ PjB is "driving"! You know, he was drivin' me real hard the other night n'
+ something tickled my nose, hey now... , quit laffin' cause he ain't that much
+ a man, but anyhow my nose got tickled and I reared up n' sneezed the
+ hardest i ever sneezed, and damn near ripped his dick right off!!! Then he
+ started runnin' around the house like a cat shittin' rasor blades! Well, i got
+ to laffin' so hard that my asshole POPED OUT!!! Had to go to the emergency
+ room! Wild nite in Portland!). Anyhow, i'm so tight that i would't pay no long
+ distance charges, so you would probably be OK to think I might use a *local*
+ connection. ;-)

Hey, (sniff), I for got to mention that at the emergency room that when the
Doc. was stuffin my roids back up my whole, he said that my bowels might
be backed up. He got his flashlight and started lookin up my ass. Suddenly
he jumped up and said, "Mr. Mackey, I see a bunch of beady little eyes looking
out at me! I think you've got a family of possums living in your ass!" I smiled
and gave the Doc. a wink and said "Hell Doc., them ain't possums, its just...

Tim Pacan, Hugh Duff, and Danny Browning!!!"

hahahahahahahahahahahahahahahahahahahaha, You're an idiot!!!!

hahahahhahahahahhaha...

1517. Re: License required for CB radio repair

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: ny1t@ix.netcom.com
Message-ID: <4vjlig$ruo@sjx-ixn4.ix.netcom.com>
Source record: 218415

In <321D23A9.5C33@apk.net> Steve Wolf <no8m@apk.net> writes:
>
>> The General Radiotelephone Operator License (GROL) is required to
>> adjust, maintain or internally repair transmitters in aviation,
>
>Is there a FCC or FAA Part specification for this? The rule reference
would
>show that the license is necessary.
>
>--
>73,
>Steve
> Internet: no8m@apk.net
> Amateur Radio: no8m@no8m.#neoh.oh.usa.na
> MSYS Mail List: msys-request@hamnet.org ('info' for title)

47 C.F.R. part 13.7 (c) (5)

1518. Re: Anonymous poster caught: J. Mackey (was: Re: CB repeaters)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: bertb@netjava.com
Message-ID: <4vks8v$d00@news.socketis.net>
Source record: 218416
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

John--Mackey--KA0SSF <no--place@any-where.com> wrote:

>By the way you are an IDIOT because I do se my name & callsign
>on my internet entries. IF you were really a ham you would know

From all your moronic rantings in usenet and fidonet, it is clearly
evident YOU are the idiot. Seek out a local mental health center,
and soon!

Bert Burland aka N5TOA / From The Texas Panhandle
EMail-(bertb@netjava.com) Fido-NetMail-(Sysop@1:3825/24)

1519. Re: Mobile Installation in Dodge Spirit

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: rfritz@qualcomm.com
Message-ID: <4vkttk$9oi@qualcomm.com>
Source record: 218417
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

In article <321BC629.174D@southeast.net>, jpf@southeast.net says...
>
>Hello,
>
>Does any one know how to route a 12 volt cable through the firewall
>of a 1993 Dodge Spirit. I currently have my FT-8000 wired to the
>fusebox and would like to wire it directly to the battery.
>
>Thanks for any suggestions.
>
>Jim.. WA5VPW..
>
I routed cables in my 84 Toyota Landcruiser and 1995 Dodge Ram. First, I used 12 gauge stranded wire for the leads. Next I looked on the firewall for a rubber grommet or gasket that had a cable (mechanical or electrical). Find one nearest the point of hook up on the interior and also on the side of the battery. Then take a stiff wire (yes, the ubiquitous coat hanger will work) tape the ends of the wires to it and poke it through the grommet or gasket from the engine side - usually the easiest. Find the end of the stiff wire and pull through into the passenger area - make sure you have enough wire to work with and get to your connection point. You may want to use cable ties or tape to keep the wire contained under the dash. If you are really paranoid, you can put tape over the wires where they go through the firewall to reduce the possibility of abrasion.

Carefully and neatly route the wires to the battery area. Make sure you avoid moving parts, hood closure, etc. I put fuses in both wires as I have seen recommended. Make the appropriate battery connections. I used crimp-on connectors and fastened them to the bolts on the battery cables. Again, use cable ties or tape to keep the cable secured.

Make sure the connector you use inside the passenger compartment does not leave the hot wire exposed when its disconnected from the radio.

So far these installations have survived a lot of off-road driving in all kinds of conditions. It's not really too hard.

Bob
KE6WYG

1520. Re: Morse code trainers

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <4vkaba$1m42@info4.rus.uni-stuttgart.de>
Source record: 218418

>Super Morse is a good program. it has been around for years and has
>quite a few different versions.

True,

but it has lots of bugs. An older version I used was very difficult
to get running, and in the version 415 (current?) the feature
"enhance words" does not function right: the program draws only
words beginning with s to z from the thesaurus. I am using
version 4.06 occasionally and it seems to be OK. Another problem is the
audio quality: SM like some others produce noticeble key clicks,
making the character H sound like tick tick tick tick at 30wpm.
I have com across a program that is much better at that.

73, Moritz DL5UH

1521. Re: FS: All Ham Bands, Reply to Republican Congress

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <4vl1qb$mo0@jupiter.planet.net>
Source record: 218419

> jherman@Hawaii.Edu (Jeffrey Herman) writes:
> TEIXEIRA <teixeira@ccnet.com> wrote:
> >With the likes of people like Nixon
>
> Nixon: Ended the longest war we'd ever been in, in which 58,000 American
> lives were lost. Opened the diplomatic door to China.

ended presidency in disgrace rather than be impeached

> >Regan
>
> Reagan: Our nuclear enemy, the Soviet Union, melted to nothing under
> his administration. As governor, he turned bankrupt California into
> the most prosperous of all states.

melted due to bankrupcy. Raygun overspent the ruskies and now look what we have..any amazing deficit and we now are the largest borrower of $$$$ in the world.

> >Bush
>
> Bush: Easily won the Gulf War while he was president. His foreign policy
> was exemplary.

not too hard to win a war like he did. sort a like hitting 10 penny nails with a sledge hammer

> >Gingrich, Buchanon, Limbaugh

> We need 'em to keep the liberals in check.

DRAFT DODGERS each and everyone...don't forget the newt salamader and his pet clown
Phi Grimm

> >Watergate Gang
>
> They bugged the '72 Democratic Convention. Big deal.

gee, lets write this one off. cause of this guys a president resigned in disgrace..no big deal

> >Do you still want to associate with the Republicans?????
>
> You bet!
>
> >We sure have short memories. d8-)
>
> That you've forgotten all the good the above named presidents were able
> to accomplish shows you have one!

no better yet, lets be like republicans and bring up everone's past. seems a lot of them did alot of inhaling when they were younger

just setting the record even

1522. Re: Gate 2 opens

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: prvalko@saturn.acs.oakland.edu
Message-ID: <4vkak6$o1v@news2.acs.oakland.edu>
Source record: 218420

Bryan Rogers (ae4pt@ntr.net) wrote:
: FCC has announced that gate 2 of the vanity callsign
: system will open September 23, 1996.

I pity the mail carrier who gets assigned to that route!

73 =paul= wb8zjl

1523. Re: Signal Analyser for I.D.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: ccart@erols.com
Message-ID: <4vkuhn$a9o@test-sun.erols.com>
Source record: 218421

Frank Sved (dg198@FreeNet.Carleton.CA) wrote:
:
: I've heard that there are devices on the market that will analyse a signal
: generated by a transceiver and be able to distinguish it from others on a
: recheck.
:

I think this might be what the cellular industry is calling
"RF Fingerprinting". Sure sounds similar. Don't know for sure how it
works but it's been going around in the cellular groups for a while.
I think they look at spurs, harmonics, response and such. It's some
sort of ultra gee-whiz DSP stuff as far as I know. The cell carriers
are looking at (using?) it to prevent cloning, or the abilty to use a
cloned phone.

-- Christopher Cartwright, Tech. Engineer | ...our chief weapons are fear,
-- Voice 301.295.0809 N3XRV | fear and surprise, and nice
-- Mail dsc3cjc@imc220.med.navy.mil | red uniforms, oh damn!!
-- ccart@erols.com | -- Monty Python

1524. Re: TechPlus --> General?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: "John..Mackey..KA0SSF" <no__place@any__where.com>
Message-ID: <321E154E.72D5@any__where.com>
Source record: 218422
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Rick Miller wrote:

> Could someone verify what I'll need to do to upgrade from Tech Plus
> to General? I just need to pass the 13-gpm code test, right?

HI Rick-
I am a VE with both ARRL & W5YI, I have been testing since 1990.

To upgrade from "Tech-Plus" to General you WILL need to pass element
1B which means 13 WPM Morse Code. In addition, unless you have a
tech license previous to 1987 (I don't remember the EXACT month &
day) you will need to pass element 3B which is a 25 question test.

You can also call the ARRL VE group at 800-927-7583.

1525. addition to your WWW hams list

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: David.Reid@asml.NL
Message-ID: <199608231118.NAA04905@wspub002.asml.nl>
Source record: 218423

Hi there,

Name is Dave (PA/G0BZF)

I have a WWW page with amateur radio interest...

I sell kits for an Iambic Keyer and a Morse Tutor, as well as having details
of DX-peditions (LY95BDX and soon LY96BDX)

So could you add me to the list in ham-info?

73/72 de Dave PA/G0BZF

http://ourworld.compuserve.com/homepages/drcp/homepage.htm

email: David.Reid@asml.nl or 101454.3715@compuserve.com

1526. Re: TechPlus --> General?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: "John..Mackey..KA0SSF" <no__place@any__where.com>
Message-ID: <321E1831.1223@any__where.com>
Source record: 218424
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

John Mullan wrote:

> Rick Miller wrote:
> >
> > Hi!
> >
> > Could someone verify what I'll need to do to upgrade from Tech Plus
> > to General? I just need to pass the 13-gpm code test, right?
> >
> > "Rigless" Rick Miller (kb9obn) rdmiller@execpc.com
> Unfortunately, given that yours is a relatively new license, you

According to wht I pulled up on QRZ his tech plus was issues just this year so he will indeed have to pass BOTH the 13 WPM & the 25 question element 3B.

BTW- It sosts $6.05 per testing session, there is NO limit on how many elements may be taken per session.

1527. Icom IC-2000 For sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: wcoyle@dccc.edu
Message-ID: <840836229501@iss.dccc.edu>
Source record: 218425

For sale:

Icom IC-2000 2 meter mobile. 50 watt output. Only a few months old and in excelent condition. Recieves air band and has DTMF mic. With box, manual, screws, wires, ect.

Best offer.
E-mail at:
Wcoyle@iss.dccc.edu
N3OGH

1528. Re: WA8IMO wants to know !

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: n7ory@primenet.com
Message-ID: <4vkn0q$krk@nnrp1.news.primenet.com>
Source record: 218426

pacrimgolf@kuentos.guam.net (Jim Kehler) wrote:

>And you can't call 911 on your cellphone because everybody at 911
>is eating pizza and they won't answer the phone.....

Eee.. Heaven forbid! But when we had that last storm, calling either
the emergency (911) or non-emergency lines for the local pd was
futile.
I understand your point, and I do have a celular phone. However, I
have taken it on trips and placed it on the dash so I can watch the
signal meter. Quite a few times, for periods of up to 30 minutes
travel time, "No Service" flashes on the screen.
(I make several trips to Idaho each year)

Rob Neff

1529. Any 6 Meter Mailinglists Out There?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: zaax@aol.com
Message-ID: <4vlbij$bhs@newsbf02.news.aol.com>
Source record: 218427

Does anyone out there in NetLand know of any mailinglists devoted to 6 meters?
Any info on this will be greatly appreciated!

73 Zack Schindler
N8FNR

1530. Re: 1,000,000 qsl cards thrown away per year

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: jwkelley@e4e.oac.uci.edu
Message-ID: <4vld1n$fqa@news.service.uci.edu>
Source record: 218428
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <321CC255.5824@sedona.intel.com>,
Cecil Moore <cmoore@sedona.intel.com> wrote:
>
>Hi Lawrence, Every ham designing his own transmitter would
>reduce the QRM? I dunno about that one. :-)
>
>73, Cecil, W6RCA, OOTC (not speaking for my employer)

Aaahhh, nice to have you back Cecil.

KE6JPO/AE

1531. Re: TechPlus --> General?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: mulveyr@ll.aa2ys.ampr.org
Message-ID: <slrn51sb0k.8r.mulveyr@ll.aa2ys.ampr.org>
Source record: 218429
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

On Thu, 22 Aug 1996 15:19:02 -0500, Rick Miller <rick@DigalogSys.com> wrote:
>Hi!
>
>Could someone verify what I'll need to do to upgrade from Tech Plus
>to General? I just need to pass the 13-gpm code test, right?
>

You need to pass the 13wpm code exam, as well as the General
written exam.

- Rich

--
My mailer has the unfortunate tendency to bounce 10,000 copies of any
junk mail I receive back to the sender. Be warned.

1532. Re: Truckers on 14.3025

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <4vlesd$11km@usenetz1.news.prodigy.com>
Source record: 218430

Murray Neece <kc5mdm@iglobal.net> wrote:
>
>Im not so old and I can and do op CW..I think its a good
>requirement...Otherwise it would be CB no?

No. No theory test is required for CB, either. Neither is a license of
any kind.

-Drew in Sunny Central Florida-
KF4DDM

1533. IPS Daily Report - 23 August 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <4vle23$916@flare.syd.ips.oz.au>
Source record: 218431
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 23/2330Z AUGUST 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 23 AUGUST AND FORECAST FOR 24 AUGUST - 26 AUGUST

1A. SOLAR SUMMARY
Activity: Low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 74/11

GOES satellite data for 22 Aug
Daily Proton Fluence >1 MeV: 9.3E+05
Daily Proton Fluence >10 MeV: 1.9E+04
Daily Electron Fluence >2 MeV: 2.1E+07 (normal)
X-ray background: A4.3
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
24 Aug 25 Aug 26 Aug
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 24 Aug: 75/13

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Unsettled to active

Estimated Indices : A K Observed A Index 22 Aug
Learmonth 12 3343 3121
Fredericksburg 15 5
Planetary 15 5

Observed Kp for 22 Aug: 1111 1222

2B. MAGNETIC FORECAST
Date Ap Conditions
24 Aug 10 Quiet to unsettled
25 Aug 5 Quiet
26 Aug 5 Quiet
COMMENT: Cause of mild activity on 23 August is uncertain.

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band

Date Low Middle High
23 Aug Normal Normal Fair
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
24 Aug Normal Normal Fair
25 Aug Normal Normal Normal
26 Aug Normal Normal Normal
COMMENT: High latitudes may have experienced degraded HF comms
on 23 August due to mild geomagnetic activity.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
23 Aug 12

Observed Australian Regional MUFs:
near predicted monthly values

Predicted Monthly T index for August: 10

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
24 Aug 10 near predicted monthly values
25 Aug 10 near predicted monthly values
26 Aug 10 near predicted monthly values

--
IPS Radio and Space Services | email: rwc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/rwc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/rwc/
tel: +61 2 94148300 | fax: +61 2 94148331

1534. Re: 1,000,000 QSL cards thrown away each year

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: Dan Murphy <murphy@gdc.com>
Message-ID: <321DF931.2075@gdc.com>
Source record: 218432

albert corker (bert@skypilot.demon.co.uk) wrote:
: the rsgb have 2,000,000 cards through per year but only 50% are
: collected. what a waste of trees by radio amateurs.
: what can be done to lessen this waste.:
Having read about 6 of the replies to this post, I am somewhat suprized at the remarks - some tongue in cheek. "Don't QSL", "Use E-Mail", "Drop DXCC (or other) certs", "Who wants another (fill in your QTH) anyway?"

Don't QSL - Sure, now the other 50% is out of luck. Many got into the hobby because of the concept of having a snail-mail dialog with others. Wallpapering the shack is inpressive to my non-ham visitors. (I still have plenty of ugly wallboard to cover) I agree that most are the simple, minimum, contest type card - but that is made up for by that infrequent good looking or different card or the occasional remark on the back.

Use E-Mail - Agree that technology provides a more efficient and consistant method of confirmation. BUT this is also a hobby. Are we looking to always let the newest drive out the old? How about stamp collectors trading FAXes? Or replace the Louvre with a server full of gif files?

Drop DXCC certs - See above The same wallboard needs to be covered.

Who wants another xxx anyway - I hope it is a younger ham that is trying to get WAS or still considers a 1 land to 6 land QSO as good DX.

THINK POSITIVE - We all talk about the hobby dying away and only supported by graying OM. Lets encourage the varied aspects of the hobby - 100% return QSL. The cost can't be that great a factor - abt 35 cents in the US and abt a $1 for DX (the Buro is still the best deal here).
* * * * * Let the flames begin * * * *
73 Dan KA1SZP
--
==========
Dan Murphy GeneralData Comm
Internet: murphy@gdc.com (work)
Internet: dmurphy@nai.net (personal)
(Standard disclaimers apply)
==========

1535. Re: CORRECTION - FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: frederick.mckenzie-1@kmail.ksc.nasa.gov
Message-ID: <frederick.mckenzie-1-2308961844560001@k4dii.ksc.nasa.gov>
Source record: 218433
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.antenna

In article <1996Aug21.155557.3774@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
> There is documented evidence that exposures of greater than 10 mW/cm^2
> can cause harm. In particular, cataracts or loss of focal flexibility
> due to RF heating of the lens of the eye, and in some cases cancers.

Gary-

I believe you! Now, how does that relate to the average Ham? Although 10 mW/cm^2 sounds like a miniscule amount, it doesn't sound so bad when you convert it to 100 W/M^2 (did I do that right?).

What are "real world" exposure levels that a Ham is likely to encounter in each of several areas of the Ham spectrum? Suppose I have a 100 Watt HF transceiver to a dipole, about 20 feet off the ground. Is anyone at risk while I'm on the air? What if I run a KW? What if I use a beam that is 50 feet up?

How about a typical Two Meter installation?

What I'm leading up to, is that the FCC might accomplish more, if they were to perform the math (or make the measurements) for common situations, and publish examples where harm might occur.

73, Fred, K4DII

1536. AC6XC youngest Extra?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: Peter Coffee AC6EN <72631.113@CompuServe.COM>
Message-ID: <4vkroq$n4g$1@mhafn.production.compuserve.com>
Source record: 218434

So far as I can determine, AC6XC (who turns 11 next month) is the youngest current holder of an Extra Class license. Does anyone have any information to the contrary?

1537. AMATEUR DATABASE

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: clint.bradford@atdbbs.com
Message-ID: <9608231559073148@atdbbs.com>
Source record: 218435

>> PLEASE SEND YOU (sic) E-MAIL ADDRESS WITH CALL SIGN TO--

And this is the method you're using to gather callsign data? Asking us to EMail it to you?

Tell us why your project has any advantages over, say, the Walnut Creek QRZ! Callsign Database CD-ROM project - which is a mature product already on the market.

1538. Re: Did the Family Radio Service die?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: clint.bradford@atdbbs.com
Message-ID: <9608231559083149@atdbbs.com>
Source record: 218436

>>Either way, the FCC is not going to put out
>>money to hire somebody to sit in your neighborhood to make sure that
>>the FRS users obey the law.

Of course not. But the FCC has, for the first time in history, FORCED co-sharing of a band between licensed, commercial operators and unlicensed moroms, er, I mean, unlicensed operators. With absolutely NO RECOURSE for solving intentional interference problems.

BABY MONITORS - yep, continuous transmission FRS baby monitors are what Tandy has in store for the FRS. Imaging one of these set up within a half-mile of existing GMRS repeater sites - only 1/2 channel away from our inputs.

1539. re signal analyser for id

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: reading@cctc.sum.tec.sc.us
Message-ID: <reading.17.000EC687@cctc.sum.tec.sc.us>
Source record: 218437

This is not new. The military was doing this back in the 50's .

They were using panadapters and cameras and it worked quite well

73's jim

1540. Re: Truckers on 14.3025

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: Murray Neece <kc5mdm@iglobal.net>
Message-ID: <4vl5ql$god@news.iglobal.net>
Source record: 218438

Im not so old and I can and do op CW..I think its a good
requirement...Otherwise it would be CB no?

1541. Re: How to tell if you are a loser

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: Murray Neece <kc5mdm@iglobal.net>
Message-ID: <4vl5un$god@news.iglobal.net>
Source record: 218439
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.misc,policy,alt.support.divorce

How did Ham radio get in here?

1542. Re: CORRECTION - FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: Steve Ickes <thebizlk@pop.erols.com>
Message-ID: <321E8B67.207D@pop.erols.com>
Source record: 218440
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.antenna

Fred McKenzie wrote:
>
> In article <1996Aug21.155557.3774@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us
> (Gary Coffman) wrote:
> > There is documented evidence that exposures of greater than 10 mW/cm^2
> > can cause harm. In particular, cataracts or loss of focal flexibility
> > due to RF heating of the lens of the eye, and in some cases cancers.
>
> Gary-
>
> I believe you! Now, how does that relate to the average Ham? Although 10
> mW/cm^2 sounds like a miniscule amount, it doesn't sound so bad when you
> convert it to 100 W/M^2 (did I do that right?).
>
> What are "real world" exposure levels that a Ham is likely to encounter in
> each of several areas of the Ham spectrum? Suppose I have a 100 Watt HF
> transceiver to a dipole, about 20 feet off the ground. Is anyone at risk
> while I'm on the air? What if I run a KW? What if I use a beam that is
> 50 feet up?
>
> How about a typical Two Meter installation?
>
> What I'm leading up to, is that the FCC might accomplish more, if they
> were to perform the math (or make the measurements) for common situations,
> and publish examples where harm might occur.
>
> 73, Fred, K4DII

You're on the right track. If you read the Report&Order, other services
like paging, cellular, etc, received exepmtions for specific scenarios
(like for a given antenna, antenna height, and power below some level).

Why the ARRL went with the silly "prudent avoidance" (whatever that
means)approach is beyond me. What exemption did we wind up with? One,
less than 50 watts (irrespective of freqy, mode, antenna type and height.
This makes no sense. The ARRL "dropped the ball" again.

S

1543. FS TUBES--INTRO--

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: DEE ALMQUIST <SOUNDNMIND@rica.net>
Message-ID: <4vkifs$1tc@nntp2.rmci.net>
Source record: 218441

HELLO ALL FROM PATTY, KA4EKK & DEE, W4PNT OF SOUND IN MIND IN VIRGINIA.

This is a hobby business we are enjoying. Our objective is to provide service (from our well equipped home shop) and provide a source of TRANSMITTER TUBES (and others) and vintage parts. We specialize on Collins, Drake (mostly "C" & "B" line), and Johnson. We canabolize equipment that isnt worth our time to restore and we will list these parts available to you when this happens.

Please visit our webb site at: http://home.rica.net/soundnmind.

Feel free to call us if you have need for any of the above.

Thanks

Dee, W4PNT

soundnmind@rica.net

1544. Manuals for almost any rig (was: B&W 5100 AM XMTR Schematic

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <4vl91j$nq@news.Hawaii.Edu>
Source record: 218442
Cross-posted to: rec.radio.amateur.misc,rec.radio.swap

Sam <sdiamore@cyberenet.net> wrote:
>Does anyone have, or know how I can get hold of a schematic for the B&W
>5100 AM transmitter?
>Thanks for any information you can provide.
>Sam - WA2JCT
>sdiamore@cyberenet.net

Just received a catalog from A.G. Tannenbaum K2BN. Has has manuals
for just about any rig you could think of. Even for B&W (6100 is
listed, but email him to see if he's got a 5100).

His email address is: K2BN@agtannenbaum.com. No affiliation, and
haven't purchased anything from him yet.

Jeff KH2PZ / KH6

1545. HAM*INFO*LINK*SOURCE.BBS

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: kb6axk@ix.netcom.com
Message-ID: <4vleup$8gu@dfw-ixnews7.ix.netcom.com>
Source record: 218443
Cross-posted to: comp.bbs.misc,alt.bbs.ads,alt.bbs.wildcat,rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.shortwave,alt.bbs,

HELLO FELLOW HAMS:and FUTURE HAMS !!!!!!!

HAM BBS dedicated to amateur radio !!!!

There is a DEVOTED AMATEUR RADIO BBS in town ,from your
ARRL/LAX affiliated club coordinator , JOE CIRA , KB6AXK .....
Everything and anything about AMATEUR RADIO will be found here,
IF NOT ? Let me know and we will post it and file it !!!!!!!!

HAM*INFO*LINK*SOURCE BBS at 1-818-584-1952....
24 hrs,8-n-1,anyspeed.......
running 486/66 with 2.1 gig of space !!!
qsl route database,clubs,newsletters,bulletins,shareware,utility
mods,programs,test ques,lists,software and much more....
VEC/VE exam & class list for all So.Cal.
sample exam tests and answers for all class's..
ARRL mirror of all there files !
Using Wildcat v4.11 software..
easy to log in and no FEE's it's FREE !
6,000 FILES IN 119 FILE AREA'S..so far !

latest list of AMATEUR RADIO WEB SITES & PAGES
now 2,405 websites & pages !!!!!!!!!
and GROWING FAST ?!?!!

P.S. also available on the web at:
http://www.netcom.com/~kb6axk/ham-web-site.htm
or
http://www.padl.ac.at/schule/chemie/bob.htm
look for web-sites by KB6AXK on the page........

FYI:there are roughly ,over 33,000 pages,just pages,
that relate to amateur radio/ham radio on the web ???????
My list is primarlly websites.............

73's & 88's de kb6axk,joe cira,ARRL/LAX/ACC.
INTERNET E-MAIL ADDRESS:> kb6axk@ix.netcom.com
/EX
S

--
****
U.S.AMATEUR RADIO STATION " KB6AXK "| SYSOP OF HAM*INFO*LINK*SOURCE*BBS
PASADENA,CALIFORNIA 91107 | at 818-584-1952 any speed 8-N-1
e-mail to kb6axk@ix.netcom.com | dedicated to amateur radio !

ARRL/LAX/ACC | ARRL MIRROR SITE..........
****
researching the CIRA family genealogy
in TERMINI IMERESE,PALERMO,SICILY,ITALY..........

IUOE/INTERNATIONAL UNION OF OPERATING & MAINTENANCE ENGINEERS LOCAL 501
HVAC/R,IAQ,SYSTEMS,CONTROLS,AIR BALANCE,PERFORMANCE,PM's,PLUMBING,
ELECTRICAL,MECH SYSTEMS,EMS/BMS,DDC,CODES,STANDARDS,REGS,QUIDELINES,
PPE,HAZMAT,IPP,and more ....
info call HALL 213-385-1561 or SCHOOL at 213-385-2889..........
****
MY RESUME is on my web site at :) http://www.netcom.com/~kb6axk/resume.html
---

1546. This Week in Amateur Radio #178 (for air through 8/30/96)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: "Stephan M. Anderman" <sanderman@delphi.com>
Message-ID: <JJPwx5x.sanderman@delphi.com>
Source record: 218444

```
_/_/_/_/_/ _/ _/ _/_/_/ _/_/_/ _/_/_/
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Here is a summary of news items covered on edition #178 of
"This Week in Amateur Radio", North America's satellite-delivered
audio bulletin service, for the week ending 30-Aug:
-
1. FCC Announces Gate 2 Opening Date for Vanity Call Sign Program
2. JARL/JAMSAT Successfully Launch JAS-2/FUJI-3 Satellite
3. NASA Astronaut Gets License, Scheduled for '97 or '98 Mission
4. ARRL Announces Results of Section Manager Elections
5. "Ancient Amateur Archives" with Bill Continelli, KE2XB
6. Weekly Propagation Forecast
7. "Gateway 160 Meter Net Report" with Vern Jackson, WA0RCR
8. Comments Filed by ARRL on Part 15 Use of 5 GHz for Data LANs
9. Eli Nannis, K4JMH (ex-W1HKG), Bill Stevens, W6ZM, Listed as SKs
10. Special Event Station Calendar
11. "The RAIN Dial-up" from Chicago
-
Funding for the program's transmission and production expense was
provided this week by a grant from Dana Rodakis of St. Petersburg,
Florida, and the AJ1R repeater system, serving Florida's Sun Coast
on 51.84, 145.230, 147.285, 442.075, 443.625, and 443.95 MHz.
-
"This Week in Amateur Radio" is a weekly amateur voice bulletin
service, produced by Community Video Associates, Inc., a New York
State not-for-profit corporation based in Albany, NY. The program
is heard on the "W0KIE Satellite Network" each Saturday at 9:00 PM
(EDT) on the Hughes Communications SBS-6 commercial communications
satellite, transponder 13B upper, located at 74 degrees west
longitude in equatorial geosynchronous orbit. The transponder
center frequency is 12.019 GHz; tune up in frequency to 12.031 GHz.
Program audio is on the 6.2 MHz analog subcarrier and carried on
VHF/UHF repeaters throughout North America and on 160 meters at 1860
kHz. Contact your local amateur radio club or repeater operator if
"This Week in Amateur Radio" is not being heard in your area.
-
Production and transmission expenses are underwritten by donations
from repeater operators, amateur radio clubs, and individuals.
Further information is available from George Bowen, N2LQS, at
518/283-3665 (email kxkvi@delphi.com) or Stephan Anderman, WA3RKB,
```

at 518/664-6809 (email sanderman@delphi.com). You may also reach
them @ WA2UMX.FN32AW.ENY.NY.USA.NA via amateur packet.

1547. FS: Laptop $225

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: Randy Gleaton <bees@3lefties.com>
Message-ID: <321E7662.E1B@3lefties.com>
Source record: 218445

I have a Toshiba T-1000 Laptop for Sale. It is a 8088 W/1 Mb. onboard.
Also has a 20 Mb. Hd & a 1.44 Mb Floppy Drive. DOS 3.3 loaded in rom
and has 1 serial & 1 parallel port. Comes with 110V adapter. and the
battery is less than 6 months old. Price is $225+Shipping or will trade
for computer equipment, such as motherboard, cpu, video card, memory...
if interested e-mail address is bees@3lefties.com

1548. Re: How to tell if you are a loser

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <321E3967.2AD4@ccsnet.com>
Source record: 218446
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.misc,policy,alt.support.divorce

Murray Neece wrote:
>
> How did Ham radio get in here?

The question ought to be is why isn't ham radio
first on the list.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#================#===#
| k1oik@ccsnet.com |
#===#
You cannot build a reputation on what you are going to do.

Henry Ford

1549. Did you go to the Charlotte NC Hamfest - Need Help

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: sidener@crunch.nuc.umr.edu
Message-ID: <4vlcfi$ilj@hptemp1.cc.umr.edu>
Source record: 218447

Hi, This is a strange request. I am trying to identify someone who had attended the Charlotte NC hamfest this month who had some motorola micors for sale with external receivers. I believe they were from the D.C. area but I may be wrong. They Had a big yellow rider truck.

If you may know who this is, I would urgently like to speak to them.

Thanks,

Scott Sidener

1550. Re: Schematics wanted-Heath Commanche & Cheyenne

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-2308962138390001@host40.cyberg8t.com>
Source record: 218448

In article <4viu1c$6dm@nic.wat.hookup.net>, cmm@hookup.net wrote:

> I have a fellow ham looking for schematics for his Heath Commanche and
> Cheyenne transmitter and receiver. Can anyone help him out.
> Tnx & 73 John VE3DOS

Hi John, I carry both schematics, Heath Commanche and
Cheyenne transmitter and receiver, for only $5 each plus $3 shipping. In
fact I carry over 3000 manuals on my web site http://www.sarrio.com 73's
Ray
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront and web site developer. Located at http://www.sarrio.com.

In association with Brillar Enterprises http://win-win.com/brillar provider of discount CD-Roms!

1551. Web Site moved - digital mode articles and Radio-TNC wiring diagrams

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: gmedcalf@prairie.lakes.com
Message-ID: <gmedcalf-2308961900430001@modem01.waldorf.lakes.com>
Source record: 218449
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.equipment

The web site: Ham Radio Articles de ka5ztx
Has moved to: http://prairie.lakes.com/~medcalf/ztx/

Please visit and/or update any bookmarks or links you may have
(the old address http://www.idir.net/~medcalf/ztx/
will be disappearing in the near future.)

The site contains Radio to TNC wiring diagrams for many models
and articles about packet radio and other digital modes.

73 gloria ka5ztx gmedcalf@prairie.lakes.com

1552. FS: MOTOROLA SPECTRA 900 TRUNKING RADIO

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: John Lee <aw688@lafn.org>
Message-ID: <321E82FD.64DE@lafn.org>
Source record: 218450

FS: MOTOROLA SPECTRA 900 TRUNKING RADIO

MD# D37KGA5JB7CK $ 450 OBO

MD# D37KGA5JB5DK $ 400 OBO

1553. FS:NEW YAESU BATTERYS & SPEAKER MIC

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: John Lee <aw688@lafn.org>
Message-ID: <321E82A4.6202@lafn.org>
Source record: 218451

FS:NEW YAESU BATTERYS & SPEAKER MIC

FNB-31 $ 40 +SHIP
FNB-38 $ 50 +SHIP
FNB-40 $ 35 +SHIP
FNB-41 $ 40 +SHIP

NEW YAESU SPEAKER MIC

MH-12 $ 20 + SHIP

1554. Re: Could it be true? Is this possible?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: bbowers@townsqr.com
Message-ID: <4vlr7m$g8v@tofu.alt.net>
Source record: 218452
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.misc

ny licensed ham can become a rptr owner - there's no virture
>in that - and practically any transceiver can be made into a crude
>rptr. Thus, you hold no special significance in the amateur community; but
>now among the internet community you are scum for not having the courage
>to use your real address to accompany your remarks.

Mackey, KA0SSF
>Owner, 147.435 repeater, Portland, Oregon

Ask John about how he singlehandedly tore up other HAM repeaters in
the portland area. His post he thought was private was funny!

He was apologizing, and trying to explain!

1555. Re: Anonymous poster caught: J. Mackey (was: Re: CB repeaters)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-23 00:00:00 UTC
From: jbaltz@news.cs.columbia.edu
Message-ID: <4vkis3$gf2@play.cs.columbia.edu>
Source record: 218453
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <321CBCEC.2359@any__where.com>,
John..Mackey..KA0SSF <no__place@any__where.com> wrote:
>Maybe there was something wrong with the system then. I always sign
>my name & call & I CERTAINLY wouldn't be afraid of identifying myself

Well, it's not on this message. I suggest you check your system.

>with Burt since EVERYONE hates him.

This is demonstrably wrong. Not everyone hates Burt.

>Actually, it seems like we are making a lot of fluff over nothing.

Indeed. Now you can go back to hiding under the bridge and scaring
children.

//jbaltz
--
jerry b. altzman Entropy just isn't what it used to be +1 212 650 5617
jbaltz@cs.columbia.edu jbaltz@scisun.sci.ccny.cuny.edu KE3ML

1556. Ex-Military Radio Equipment

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-24 00:00:00 UTC
From: Alistair Harding <walkindude@fastlink.com.au>
Message-ID: <321F17CE.5B2A@fastlink.com.au>
Source record: 218254

Greetings All

I am collecting ex military radio equipment. One of the pieces in my collection is an australian Field Radio Test Set, model OA-FI-AI,
6625-66-100-5448
6625-66-025-5304
I believe it was constructed in 1971

If anyone has any info on this particular item (circuit diagrams, operating instructions etc) could you please contact me.
Also if you have any old items for sale (preferably working) please let me know.

I can be contacted via e-mail on:
walkindude@fastlink.com.au

or by snail-mail:

Alistair Harding
PO Box 138
Charlestown
NSW 2290
Australia

73's, VK2LLL

1557. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-24 00:00:00 UTC
From: dnorris@k7no.com
Message-ID: <321e5629.14714174@news.syspac.com>
Source record: 218255
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

Fred <peerenbf@dmapub.dma.org> wrote:

snip

>>
>A terribly misdirected group. May be so may not be so. Do you have any
>facts to show that rf is harmless.

It is almost impossible to prove a negative. Please show me a definitive study with a properly established scientific basis that will show that RF is harmful. After all, it is your theory.

This is the same science that stated that bran was wonderful, only to state a few short months later that it was not. The same science that stated that ALAR would kill everyone in the free world, only to state later that the basis was flawed. This is the same science that said the cranberries would cause cancer in huge numbers of people, only to be shown to be false.

Chocolate is SIMILAR to marijuana? The center for science? and disease control is headed by a bunch of people who at best are self serving boobs, concerned only about perpetuating their high paying jobs.

I don't KNOW if RF is harmful or not but virtually everything in the human experience is harmful, or at least potentially harmful. Cars kill thousands every year but we raised the speed limit to 75 knowing that there will be an incremental increase in the highway death toll.

The prez has declared that tobacco (cigarettes) are a nicotine delivery system while VERY recently we de-drugged Nicorette gum. My mother has smoked for over 70 years and is in better shape than most 60 year olds I know. I do not condone smoking but I believe that the benefits to society COULD outweigh the negatives (agreed not likely but every bit as speculative as your hypothesis) BTW, could you name any ... ANY person who has been shown to have died from second hand smoke?? Why has the average lifespan increased in the last 200 years?

Point of speculation.... In 23 years scientists will determine that a pack of cigarettes a day will decrease your chances to contract PMS/Prostate trouble!

Every state (to my knowledge) has some sort of law regulating the sale of cigarettes to minors so enacting new laws is just plain stupid

until we try to enforce the current laws.

Get a clue folks, the government is rapidly taking ALL of yur
Constitutional Rights away. Read the Federalist Papers to understand
that the founding fathers were aware of this possibility and
considered it to be the biggest potential problem the country would
face.

> Have you ever been in the near field
>of a broadcast antenna at 1KW even. I have, not the facts or figures,
>but by personal experiance know that the inner ears heats up at a
>frequency of 1450 Khz and 1000 watts if you are there for any significant
>period of time (ie. 30 minutes or so) Granted, amateur transmissions are
>usually short, but would you like a 4 El beam being fed with 1.5Kw pep rf
>pointed at your house???? I think not if it were your neighbors
>antenna. Do not poo poo the harm that non-ionizing radiation may or may
>not do. It is best to treat it with a little respect and use good
>engineering practice at all times. Hey, a well meaning, but misdirected
>group got a law passed because no one else has been able to prove them
>wrong with hard facts and figures. I for one, after spending a few years
>in the position of a chief broadcast engineer, treat an radiation,
>non-ionizing or otherwise with respect. remember your microwave oven
>operates in the middle of on ham band a about 1.2 gigahertz or so. And
>it cooks things very swiftly. Agreed it is not 3.9 Khz or 7.2, but it
>may be that the only differance is the power level and the exposer time??
>who know for sure. I don't and have met few rf engineers that are sure.
>Who wants to be the test dummy for this one fellows. Do I hear any takers?

1558. Re: CORRECTION - FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-24 00:00:00 UTC
From: vbook@vbook.com
Message-ID: <4vlp3t$i37@news.accessone.com>
Source record: 218256
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.antenna

We've added a link to Ham Radio Online to the Frequently Asked Questions
about Cellular, PCS and Human Health issues, prepared by John Moulder, Ph.D.
You may find this information useful in this dicussion.

Some of the previous postings in this thread have contained interesting
information, often based on true stories, but also quoted incorrectly or
interpreted wrong. Unfortunately, I don't have time to respond in detail but
though it important to note that some of the info here is not correct.

Visit us at http://www.hamradio-online.com

Ed (KF7VY) and Kim (N7VPL) Mitchell
email to vbook@vbook.com
Visit Ham Radio Online, it's free! at
http://www.hamradio-online.com

1559. Re: FS: All Ham Bands, Reply to Republican Congress

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-24 00:00:00 UTC
From: n5zgt@swcp.com
Message-ID: <4vloq1$ha2@sloth.swcp.com>
Source record: 218257

adell@planet.net (Steve - KF2TI) Landing, NJ wrote:

>> >Regan
>>
>> Reagan: Our nuclear enemy, the Soviet Union, melted to nothing under
>> his administration. As governor, he turned bankrupt California into
>> the most prosperous of all states.

>melted due to bankrupcy. Raygun overspent the ruskies and now look what we have..any
>amazing deficit and we now are the largest borrower of $$$$ in the world.

I may be wrong, but didn't this thing with Russia begin when LBJ (A
democrat) was in office?
>
>> >Gingrich, Buchanon, Limbaugh
>
>> We need 'em to keep the liberals in check.

>DRAFT DODGERS each and everyone...don't forget the newt salamader and his pet clown
>Phi Grimm

Don't forget ol' Billy since you are bringing up draft dodging... As
far as keeping the 3 listed above, I agree.
Save the flames...
Best of 73,
Brian, N5ZGT

Boy Scouts of America Amateur Radio - N5ZGT
Eagle Scout - 1996 ARRL QRP: NorCal# 1700 QRP-L# 580
JASM - Troop 41 Author of Worldradio's "Youth Forum" Column
Albuquerque, N.M. Packet: N5ZGT @ KC5IZT.ALBQ.NM.USA.NA
O.A. Lodge 66 <-W-W-W-<< Internet: n5zgt@swcp.com

1560. Windows Logging/Packet Freeware

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-24 00:00:00 UTC
From: "Mike McAmis"
Message-ID: <4vlks9$rna@dartvax.dartmouth.edu>
Source record: 218258

Disappointed with your commercial/shareware logging or
packet software for Windows? Try XMLog, freeware that's
available on the Internet. XMLog provides a flexible set
of coordinated logging and packet features.

If you're using a Web browser, start at Boston Amateur Radio
Club's home page (http://www.acs.oakland.edu/barc/barc.html)
- scroll down to the "BARC FTP Archives" section
- click on "FTP Archive"
- scroll down to "Software Archives"
- click on "PC Files"
- click on "logging"
- scroll down and click on "xmlog124.zip"

(Even though the directory says DOS, it really is a Windows
program...)

For ftp users, sign on to ftp.barc.org with the userid
of anonymous and a password of guest. Move to the
/pub/hamradio/dos/logging directory and get xmlog124.zip

XMLog is now also available from ftp.funet.fi in Finland.
Sign on with a userid of anonymous and supply your e-mail
address as the password. Move to the directory
/pub/ham/hf-log and get xmlog124.zip

Version 1.24 has mostly minor improvements - the big changes
are DXCC/WAS/WAZ award submission tracking and support for
the Radio Amateur Callbook (Flying Horse) CD.

Version 1.23 is still available for those with PC's that
only have 4mb of memory (1.24 requires 8mb).

The archives can be busy at times, don't give up if you
can't sign on right away. Let me know if you:
- want more info
- can't fetch the file
- want diskettes instead

Have fun...

Mike/WA3ECT
michael_mcamis@valley.net (internet)
WA3ECT @ W1ET.NH (packet)

1561. Re: Anonymous poster caught: J. Mackey (was: Re: CB repeaters)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-24 00:00:00 UTC
From: Wally@moor.slip.uky.edu
Message-ID: <886.6809T78T1530@moor.slip.uky.edu>
Source record: 218259

On 22-Aug-96 03:31:13, Jim Kehler articulated:
>John--Mackey--KA0SSF <no--place@any-where.com> wrote:

>>HOORAY!!! you figured out that it was me!!!!! Gee, that was REAL TOUGH
>>since I ALWAYS sign my name & call to my messages.

>You are dumb too.

Sounds like old boy John Mackey is the one who's dumb as a brown brick.
Perhaps he's received a couple of good doses of SHF in the head..

--
-.-. --.- -.-. --.- -.-. --.- -.-. --.- -.-. --.- -.-. --.- -.-. --.- -.. .
. Walter Francis _. KT4LH .
- HP48GX Alinco DJ580 Icom 281 Kenwood 530S o:o -
. Wally@POP.UKY.EDU Life begins on 80 .
--... ...-- --... ...-- --... ...-- --... ...-- --... ...-- --... ...-- ..

1562. Re: A licensed ham in " 3 arrested in Az for interference"?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-24 00:00:00 UTC
From: Curtis Wheeler <cwheeler@ccnet.com>
Message-ID: <321EB714.2345@ccnet.com>
Source record: 218260

KD1YV wrote:

> > Friday evening August 16th and Saturday morning August 17th Mesa{SNIP}

> > Suspect: Joshua D Cavender
> > Addr: 3443 E. University #133. Mesa
> > DOB: 12/21/79 Race: W Sex: M Hgt: 5'9"
> > Wgt: 185 Eye: Bro Hair: Bro

> > Suspect: Brad E. Shelley
> > Addr: 542 S. 37th St. Mesa
> > DOB: 12/25/79 Race: W Sex: M Hgt: 5'9"
> > Wgt: 140 Eye: Bro Hair: Bro

> > Suspect: Christopher R. Johnson
> > Addr: 2006 N. Higley. Mesa
> > DOB: 05/18/76 Race: W Sex: M Hgt: 6'0"
> > Wgt: 200 Eye: Bro Hair: Bro

> Of the 4 listed, only one produced a hit on
> <http://www.ualr.edu/~hamradio/callsign.html>
>
> KC7QPJ JOHNSON, CHRISTOPHER R LIC ISU 24-JUL-1996
> TECH PLUS 2605 N VAL VISTA DR LIC EXP 24-APR-2006
> DOB 18-MAY-1976 MESA AZ 85213 LST UPD 24-JUL-1996
>
> Hmmm. Address is different, but name and birth date are the same. Now this
> guy is in _big trouble_ with the FCC for not sending in his 610 to change his
> address :-)

> 73 de Jim, KD1YV

Jim,

You just gotta bang on Little Rock a little harder...

KC7JGH CAVENDER, JOSHUA D LIC ISU
2-MAR-1995
TECH XXXXXXXXXXXXXXXXXX LIC EXP
2-MAR-2005
DOB 21-DEC-1979 MESA AZ 85204 LST UPD
2-MAR-1995

KC7JQY SHELLEY, BRAD E LIC ISU
23-MAR-1995
TECH XXXXXXXXXXXXX LIC EXP
23-MAR-2005

DOB 25-DEC-1979 MESA AZ 85206 LST UPD
23-MAR-1995

I only saw three suspects listed, not four. Did you try to get hits on the arresting officers too?

Regards,

--
Curtis
KD6ELA / GROL / PP-ASEL

1563. GB2RS News 25th August 1996

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-24 00:00:00 UTC
From: David Hough <dave@llondel.demon.co.uk>
Message-ID: <840904721snx@llondel.demon.co.uk>
Source record: 218261
Cross-posted to: uk.radio.amateur,rec.radio.info,rec.radio.amateur.misc

[apologies if anyone gets more than one copy of the main news. This is the third attempt, the others having disappeared without trace]

Good morning. It's Sunday the 25th of August and here is the GB2RS news broadcast, prepared by the RSGB and intended for all radio amateurs and short-wave listeners.

There is a new RSGB QSL Bureau sub-manager for the G0I series of callsigns. He is Anthony Lord, G4KHT, whose address is correct in the RSGB Call Book. Anthony takes over the position from Mr I Webb, G4JFF, who is thanked for his services as sub-manager for this series in the past.

This weekend, the 24th and 25th of August, is the Historic Scotland Weekend, and ten special event stations are on the air from historic sites around Scotland. Each station is active until 1700UTC Sunday, mainly on 20, 40 and 80 metres SSB. Details of the callsigns and location of the stations can be found on page 94 of the August RadCom, but please note that unfortunately GB2HSA will not be active. An award is available for contacting these stations: for full details, contact Mike Dalrymple, GM4SUC, whose address is correct in the Call Book, or phone him on 01292 443127.

Listeners to the 2 metre GB2RS news broadcast at 9.30am local time in Cornwall should note that from the 1st of September it will be made through the north Cornwall repeater on channel R5, and not on S21. This will be for a trial period of four months. Reports will be welcomed either by the newsreader or direct to GB2RS manager Ian Kyle, GI8AYZ, whose address is correct in the RSGB Call Book. The purpose of the experiment is to improve coverage in this difficult terrain.

Jamboree On The Air takes place this year over the weekend of the 19th and 20th of October. All those applying for a GB special event callsign for Jamboree On The Air will receive a free 'JOTA Pack' containing lists of participating stations and countries permitting third-party greetings messages, plus a newsletter from the Scouts Association. Groups intending to operate during Jamboree on the Air using club station callsigns with prefixes such as GX or GS should inform Eva Telenius-Lowe at RSGB headquarters by the 4th of October if they also wish to receive a free JOTA Pack.

Now some items of HF DX news from the weekly RSGB DX News Sheet, edited by Chris Page, G4BUE:

From Corsica, F2YT is active as TK/F2YT from now until Monday the 2nd of September. He will also try to operate from some of the coastal islands off Corsica.

From Crete, IV7VEH is active as SV9/IV7VEH from now until Thursday the 29th of August on SSB only.

And from the Aland islands, OH2KMG will be active as OH0KMG from Friday the 30th of August for three days, on CW and SSB.

Now news of some special event stations:

GB2LAM is operational from Ludham Air Traffic Control War Museum this weekend, the 24th, 25th and 26th of August. The station is operational on 2, 20, 40 and 80 metres using FM, CW and SSB.

And GB4DAR is being operated by the Derwentside Amateur Radio Club at Allensfords Show today and tomorrow, the 25th and 26th. The station is on the air between 10 and 1700 UTC, mainly on 40 and 80 metres.

Next the Rally News:

The Torbay Amateur Radio Society rally is held at the Torbay Leisure Centre, Clennon Valley, in Paignton, today, Sunday the 25th of August. Doors open at 10.00am.

The Galashiels and District Amateur Radio Society's open day and rally also takes place today, the 25th, at the Volunteer Hall, St John's Street, Galashiels from 11.00am.

The Coleraine and District Amateur Radio Society's radio rally is being held at the Lodge Hotel in Coleraine on the 25th. Doors open at 12.00 noon.

Huntingdonshire Amateur Radio Society are holding their annual August Bank Holiday Monday rally on the 26th of August at The Ernulf Community School, St Neots, Cambridgeshire. The event features a car boot sale and a large hall with traders. Doors open at 10.00am and talk-in will be on 2 metres channel S22. For further details contact David Leech, G7DIU, on 01480 431333.

And Swansea Amateur Radio Society are also holding an amateur radio and computer show on Monday the 26th of August in Singleton Park, Swansea, as part of the Swansea City and Council Summer Show. Doors open at 11.00am and for further details you can contact Roger, GW4HSH, on 01792 404422.

The Milton Keynes and District Amateur Radio Society Radio Fayre takes place next Sunday the 1st of September, in Bletchley Park. There will be a bring and buy stall, a club antenna erecting challenge, Morse tests, demonstrations by service organisations, and arena events for the family, including live music. Talk-in will be on 2 metres channel S22 and for further details please ring 01908 672920.

The Bristol Radio Rally and Computers and Electronics Market will be held at the Brunel Centre, Temple Meads Station, Bristol on Sunday the 1st of September. For further details ring 01275 834282.

Next Sunday, the 1st of September, the Telford Radio Rally will take place at the Telford International Centre. The event features dealers, a flea market, bring and buy stand, Morse tests on demand, and an RSGB book stall and membership information stand. For further details please ring 01743 235619.

Now for the contest news:

The Worked All Britain 144MHz QRO Phone contest will be on Sunday the 15th of September and not on the 8th of September as previously advertised. Full details are available from the WAB Contest Manager, Graham Ridgeway, G8UYD, whose address is not correct in the 1996 Call Book. Graham's address is 6 Rosewood Avenue, Blackburn, Lancashire, BB1 9SZ.

The fourth of six sessions in the RSGB 10GHz Cumulative Contest takes place today, Sunday the 25th of August, between 0900 and 2100UTC. The rules were published in the March 1996 RadCom.

And now the solar factual data for the period from the 12th to the 18th of August, compiled by Neil Clarke, G0CAS:

Solar flux levels declined slightly and averaged 69 units. The 90-day solar flux average on the 18th was 70 units. X-Ray flux levels also declined and averaged A1.5 units. Geomagnetic activity started the period at 'quiet' with an Ap index of 5, but during the second half of the week increased to 'unsettled', with an average of Ap 9 units.

Now the ionospheric data for Central France for the period from the 9th to the 15th of August. The average F2 daytime critical frequencies declined to 5.7MHz on the 11th and 12th, then increased to 7.2MHz on the 14th and 15th and the average was 6.4MHz. The darkness-hour lows averaged 3.1MHz. The daytime highs took place between 1900 and 2100 hours every day and the darkness-hour lows were between 0200 and 0400. 15 hours of blanketing E was recorded by Meudon.

And lastly the solar forecast. This week the more active side of the sun is expected to be looking our way and solar activity could increase from very low levels if any solar flare activity takes place. Solar flux levels are expected to increase to the high 70s or even the low 80s. Geomagnetic activity is expected to be 'quiet' for most of the week, but levels could increase around midweek. MUFs during daylight hours at equal latitudes are expected to be about 19MHz for the south and 16 MHz for the north. However, these levels could be slightly higher, especially down to South Africa and South America, and particularly during the evening. The darkness hour lows are expected to be about 10MHz.

And that's the end of the solar information.

Finally in the main news, SSL has informed the Society that as of last Wednesday morning, the latest callsigns allocated were in the M0 Alfa Kilo and M1 Alfa Yankee series, and Novice calls in the 2 0 Alfa Oscar and 2 1 Foxtrot Golf series.

--
GB2RS is prepared by the Radio Society of Great Britain.
Tel +44 1707 659 015
Fax +44 1707 645 105
http://www.rsgb.org.uk/

1564. Re: Cheeks (how to get rid of them)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-24 00:00:00 UTC
From: bcheek@cts.com
Message-ID: <321e5672.2436727@192.188.72.19>
Source record: 218262
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,alt.culture.oregon

"John..Mackey..KA0SSF" <no__place@any__where.com> wrote:

>Hey Billy Cheek (bcheek@cts.com) that was a good one!!!
>
>But what I find strange is why you would send it to
>"alt.culture.oregon",
>hell I am in IOWA!!!!!!!!!!!!!!!
>
>
>hahahahahahahaha, I guess I have the last here?
>
>hahahahahahaha

Better have that last word with the right person, then. I didn't write that thing about your 'droids......

If it doesn't have my name on it, I didn't write it. If it has my name on it, I STILL might not have written it. Thanks to the forgers.

:-)

-= Bill Cheek =-

1565. A licensed ham in " 3 arrested in Az for interference"?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-24 00:00:00 UTC
From: KD1YV <jimkd1yv@ix.netcom.com>
Message-ID: <321E73C2.46F9@ix.netcom.com>
Source record: 218263

Lance Halle wrote:
>
> 08/19/96
>
> THREE ARRESTS IN MESA INTERFERENCE CASE
>
> Friday evening August 16th and Saturday morning August 17th Mesa{SNIP}
> Suspect: Joshua D Cavender
> Addr: 3443 E. University #133. Mesa
> DOB: 12/21/79 Race: W Sex: M Hgt: 5'9"
> Wgt: 185 Eye: Bro Hair: Bro
>
> Suspect: Brad E. Shelley
> Addr: 542 S. 37th St. Mesa
> DOB: 12/25/79 Race: W Sex: M Hgt: 5'9"
> Wgt: 140 Eye: Bro Hair: Bro
>
> Suspect: Christopher R. Johnson
> Addr: 2006 N. Higley. Mesa
> DOB: 05/18/76 Race: W Sex: M Hgt: 6'0"
> Wgt: 200 Eye: Bro Hair: Bro
>
> Case # 961710068
> Officer: 10004 Manson, P.V. 07585 Tripp, N.
> Supervisor: 08327 Sgt Kulina Jr.B.

Of the 4 listed, only one produced a hit on
<http://www.ualr.edu/~hamradio/callsign.html>

KC7QPJ JOHNSON, CHRISTOPHER R LIC ISU 24-JUL-1996
TECH PLUS 2605 N VAL VISTA DR LIC EXP 24-APR-2006
DOB 18-MAY-1976 MESA AZ 85213 LST UPD 24-JUL-1996

Hmmm. Address is different, but name and birth date are the same. Now this guy is in _big trouble_ with the FCC for not sending in his 610 to change his address :-)

And don't go ragging on the Technicians - this guy learned the code!

73 de Jim, KD1YV

1566. ANARTS RTTY News Bulletin 922 18TH AUGUST 1996

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-24 00:00:00 UTC
From: dave@eram.esi.com.au
Message-ID: <4vmeoh$7h0@eram.esi.com.au>
Source record: 218264
Cross-posted to: aus.radio.amateur.misc,rec.radio.amateur.misc,rec.radio.info

[ANARTS - Australian National Amateur Radio Teletype Society]

ANARTS News Bulletin 922 18TH AUGUST 1996

COLS COLUMN

IN LAST WEEKS CAST I SAID THERE WOULD BE A REPORT OF THE
ANARTS MEETING HELD ON FRIDAY 9TH AUGUST. HERE IS A SUMMARY OF
THE MEETING.

THE COMMITTEE DISCUSSED A SUGGESTION BY RON AB5KD REGARDING
THE CERTIFICATES AWARDED IN THE ANARTS WW RTTY CONTEST. HE
SUGGESTS A CERTIFICATE BE AWARDED TO :

THE FIRST FIVE IN WORLD IN EACH CLASS.
THE FIRST THREE IN EACH OF THE SIX CONTINENTS IN EACH CLASS.
FIRST THREE IN EACH MULIPLIER IN EACH CLASS
(THAT IS EACH COUNTRY OF DEFINED AREA).
THE TOP WORLD CONTESTANT IN EACH CLASS TO RECEIVE A PLAQUE.
EACH OTHER WINNER TO RECEIVE EITHER A CERTIFICATE ENDORSED
WITH ALL THE NECESSARY INFORMATION SHOWN, OR A SEPARATE
CERTIFICATE TO COVER EACH AWARD.

THE COMMITTEE AGREED WITH THE SUGGESTION, IT MAY BE TOO LATE
FOR THIS YEARS CONTEST, BUT JIM THE CONTEST MANAGER WILL TRY
TO INCLUDE THE NEW CERTIFICATES IF HE HAS TIME. THE RULES WILL
BE AMENDED FOR NEXT YEAR.

THE FOLLOWING WERE DISCUSSED :

THE CONTEST MANAGER NOW RESIDES IN KARUAH, LOCATED NORTH OF
NEWCASTLE NSW. THE CONTEST ADDRESS IS STILL PO BOX 93
TOONGABBIE NSW. EXPERIENCE HAS SHOWN THAT IT TAKES A FEW YEARS
FOR OVERSEAS STATIONS TO SEND THEIR LOGS TO THE NEW ADDRESS.
IT WAS DECIDED TO KEEP THE PRESENT ADDRESS AND EITHER THE
PRESIDENT OR THE SECRETARY WILL COLLECT LOGS FROM THE PO BOX
EACH WEEK AND FORWARD THEM ON TO THE CONTEST MANAGER.

MEMBERSHIP. A NUMBER OF LAST YEARS MEMBERS HAVE NOT YET
RENEWED THIS YEAR. THE COST IS STILL TEN DOLLARS, IF YOU WOULD
LIKE TO BE A FINANCIAL MEMBER PLEASE FORWARD THE FEE TO THE
SECRETARY AT THE ADDRESS SHOWN AT THE END OF THE CAST.

INCREASED PARTICIPATION IN ANARTS CONTEST. THERE HAS BEEN AN
INCREASE IN THE NUMBER OF STATIONS TAKING PART THIS YEAR AND

IT MAY BE DUE TO THE EXTRA COVERAGE FROM BEING PLACE BOTH ON THE INTERNET AND DIVISIONAL BROADCASTS.

SO FAR LOGS HAVE BEEN RECEIVED FROM 18 VK STATIONS AND HOPEFULLY MORE ARE STILL TO COME. THEY ARE VK2KM CTD DPM BQS BAT AIC ALK VKEAMK DXI GN EBP VK4OI VK5AI RV VK6GOM YV KD AND CP. WE NEED TO WORK ON VK4 VK7 AND VK8.

THAT WAS ABOUT THE END OF OUR DISCUSSIONS. AFTERWARDS PAT VK2JPA GAVE US ALL COFFEE AND BISCUITS AND WE SAT AND WATCHED THE AMATEUR TV BROADCAST BEING TRANSMITTED BY THE GLADESVILLE AMATEUR RADIO CLUB. I MUST SAY THEIR PRESENTATION IS VERY PROFESSIONAL AND IS A CREDIT TO THE CLUB AND ALL WHO TAKE PART IN THEIR PRODUCTION. BY THE WAY THANKS TO KEITH VK2ZZO FOR THE USE OF HIS HOUSE FOR OUR MEETINGS.

THATS ALL FOR THIS WEEK. 73'S DE COL VK2CTD.

WEEKLY SOLAR AND GEOPHYSICAL REPORT

(09 AUGUST - 15 AUGUST)

ISSUED ON 16 AUGUST 1996

SUMMARY
Date 09 10 11 12 13 14 15
10cm 70 72 73 70 70 69 68
A 8 6 5 6 8 13 (12 ESTIMATED)
T 7 11 2 -4 -3 2 3

SOLAR ACTIVITY WAS VERY LOW ALL WEEK.

THE GEOMAGNETIC FIELD AT LEARMONTH W.A. WAS QUIET 9TH TO 12TH AUGUST; QUIET TO UNSETTLED 13TH AND 15TH; AND UNSETTLED TO ACTIVE ON 14TH.

MAXIMUM USABLE FREQUENCIES AT SYDNEY WERE MOSTLY NEAR PREDICTED MONTHLY VALUES, EXCEPT FOR PERIODS OF ENHANCEMENT TO 30 PER CENT ON 11TH AND 14TH. SPREAD F WAS REPORTED ON 13TH AUGUST.

FORECAST (16 AUGUST - 22 AUGUST)

SOLAR: VERY LOW.

GEOMAGNETIC: QUIET.

FREQUENCIES: NEAR PREDICTED MONTHLY VALUES.

COURTESY OF IPS RADIO AND SPACE SERVICES

RTDX0809 RTTY DX
VK2SG RTTY DX NOTES FOR WEEKENDING 9 AUG 96 (BID RTDX0809)

Our information this week came from: DJ3IW and the Central Europe Cluster DB0SPC, I5FLN and the IK5PWJ Packet Cluster, OH2BUA, ON6RO, S92ZM, W2JGR and the NJ0M node the Twin-Cities DX Packet Cluster, W5KSI and WA7LNW. Thank you all for your assistance.

Bandpass
Friday 2
0136-14085 LU1CFU
1213-14085 OH0MB QSL OH1VR
2109-14084 9H3UF
2156-14087 YI1DX
2156-14082 RU3AT

Saturday 3
1419-14082 OH0MB
1429-14084 RF1B
1143-14087 GI4WXA
1145-14085 NP4FW
1417-14088 5B4VX
1429- 3589 OH0MB
1610-14090 OY4TN
1631-14087 4L1BR
1740-14085 J41OG
1841-14088 5X1T
1851-14085 J41OB
1940-14088 5X1T
1941-14081 9Q5PA
1958-14092 RP2NBH
2000-14086 4L1BR
2001-14085 J41OG
2032-14084 5X1T
2039-14081 9Q5PA
2115-14080 EA9JZ
2142-14081 HK3BZO
2254-14085 VR6MW

Sunday 4
0203-14086 A35RK
0736-14083 CU3EM
1320-14087 FO5OP
1357-14083 YI1IX
1510-14084 IS0YTA
1511-14085 4X6UO
1543-14088 RW6BK
1546-14085 SV2CTL
1548-14089 EA6NB
1600-14088 RW6BK
1720-14086 4S7NR

1929-14083 4S7NR
2155-14081 HI8/YV1AVO
2350-14080 HI8MO

Monday 5
0002-14080 HI8MO
0130-14085 HI8MO QSL YV1AVO
1205-14087 UA2FP
1205-14084 TA2IO
1601-14083 3Z1AEK
1622-14087 UA2FP
1847-14082 5H3LM
1914-14084 5H3LM
1947-14081 5H3LM
2010-14086 HAM3VB
2019-14082 PJ2MI
2052-14087 ZP5ALI
2201-14082 SO1M
2232-14087 CT1AOZ
2238-14081 SO1M
2243-14087 CT1AOZ

Tuesday 6
0036-14082 PJ2MI
0212-14088 HI8MO
0300- 7040 9H3UD
0536-14082 FO5OP
1556-14083 4S7NR
1750-14083 TA2IO
2050-14085 UA3FP
2103-14080 X5EBL
2104-14082 LU2HNZ
2139-14085 CU1AC

Wednesday 7
0103-14082 UN5PR
0203-14082 FO5OP
1107-14084 OY4TN
1247-14082 4S7NR
1256-14081 SV5BYR
1613-14086 4S7NR
1759-14082 9H3UD
2216-14090 9H3UD QSL DL8OBC
2308-14088 9H3UD
2308-14083 AC400DO
2316-14083 EI6HV

Thursday 8
0003-14086 TA2IO
0006-14083 AC400DO
0012-14088 TA2IO

1108-14090 9H3UF
1119-14084 OY4TN
1232-14088 OY4TN
1614-14086 4S7NR
1644-14083 IA5SFX Elba Island
-1932-14085 UR5EDU

NOTES OF INTEREST:

COMOROS and MAYOTTE. D6, FH. DL6ET, DL6XS and DL3KDV, will be in Comoros from 22 Aug to 9 Sept.. After that to Mayotte until 11 Sept.. RTTY is planned with good antennas. QSL DL4XS Mike Stargardt, Fredrichsthal 21, 51688 Wipperfuerth, Germany. The callbook address is incorrect.

MIDWAY IS., KH4 - A team of five operators including OH0W/OH2LVG, WA7LNW, W2UE, UA3AB and NH6UY will be QRV from 0600Z 19 August to 1300Z 25 August on SSB/CW/RTTY/ satellites, 160-10m including WARC bands. QSL via KE7LZ.

SYRIA, YK. 20 operators (OMs/XYLs) from Germany will sign YK0B the first week of October. RTTY is planned. QSL DL8HCZ.

The VK2SG RTTY DX NOTES are also available on the Internet at reflector digital-dx@st.rim.or.jp. Check also the OH2BUA Webcluster at URL http://www.clinet.fi/jukka/webcluster.html.

For next week's bulletin send your bandpass to
Bob, WB2CJL at W5KSI.#NOLA.LA.USA.NA

REMEMBER, DX DON'T SLEEP.
GL DE BOB, WB2CJL AT W5KSI.#NOLA.LA.USA.NA

The Ohio/Penn Dx PacketCluster
DX Bulletin No. 266. Excerpts

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, N5OGP, K6ANP, NL7TB & USI, 5B4JE, 4Z5GY, DF4RD, F5CCO, F5JJW, F5JPE, G0ARF & BARTG GB2ATG News, JA1HGY, JF2MBF, JJ2QXI, PA3ERC, RA3AUU and VP2ML/WB2CHO following DX information.

4X9 & 4Z9, ISRAEL. The prefixes of 4X9 or 4Z9 are being used by Israeli novice class licences. Following the 9 digit, there should be 3 letters suffix (e.g. 4Z9FIG). This licence permits operating on HF (40 and 15 meters) in CW mode only.

A35, TONGA (UPDATE). An update received direct from Paul Kidd, KK6H, now signing A35RK, states he arrived in Tonga on July 31st. He became active on August 1st and at the present, he is operating 40-30-20-17-15 meters with operations on CW/RTTY/AMTOR. He is expecting a "package" of new antennas

from Force 12 soon. When they arrive he will be active on 80-10 meters. Paul states again there will be NO 160 meter operation at present, and it's very doubtful that he will have a 160 meter antenna in the near future.

CARIBBEAN DXPEDITION. Peter/PA3BBP, Rob/PA3ERC, Ronald/PA3EWP and Dick/PA3FQA, all members of the Contestgroup Oude Maas (PI4COM), will spend their HAM holiday on Guadeloupe (FG), Dominica (J7) and Martinique (FM) between September 13th and October 6th. They will be active with two stations around the clock on all bands CW, SSB and RTTY.

JD, OGASAWARA ISLAND (Just a reminder!). Begin looking August 14th for a large operation to take place from here. Operations will last for about 9 days with the team signing JD/7J1AYK. Details on frequencies and their WEB-site can be obtained in OPDX.263 by sending a message to:

opdx-request@inshore.org
SUBJECT: archive
get volume96/263.0 (In the message text. This is case sensitive.)

RTTY CONTEST. Here is your chance to work some new ones on RTTY! The SARTG WW RTTY Contest will be next weekend and has three periods of operation starting 0000-0800z and 1600-2400z Saturday, August 17th. The final period is 0800-1600z Sunday, August 18th. Exchange consists of RST plus QSO serial number commencing 001. Bands to be used are: 3.5, 7, 14, 21 and 29 MHz.

SPECIAL CALLSIGN. Aris, 5B4JE (Genernal Secretary of CARS), reports Cyprus stations for the months of August and September will be using the special callsign C4UWC. The callsign will be used to celebrate the 5th World University Windsurfing Championship which will take place in Limassol, Cyprus. Participating stations will be signing their callsign/their suffix.

VP8, FALKLAND ISLANDS. Sergej, RW0LBW, is currently signing VP8CWI and is the first Russian HAM on Falklands. He started his activity in the middle of July and will be active for about 1 year. There have been no QSNs reported recently. Sergej does ask for QSLs to be sent: Box 559, Stanley, Falkland Island

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COMING EVENTS

AUGUST 17TH-18TH SARTG WW RTTY

SEPTEMBER 28TH-29TH CQ/DJ WW DIGITAL

OCTOBER 19TH-20TH JARTS WW RTTY

Society information

The Society may be contacted at : PO Box 860, Crows Nest 2065
Australia, for such matters as membership and general
enquiries. Enquiries can also be made by packet to the
President (Col) VK2CTD at VK2WI, or the Secretary (Pat) VK2JPA
at VK2WI.

Email address for the Broadcast Officer is :

patl@pitt.conmusic.su.oz.au
or patl@extro.ucc.su.oz.au

73s de Pat VK2JPA Broadcast Officer
--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2KFU.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | D8 15 71 F9 26 C8 63 40 5E 63 5C 65 FC A0 22 99

1567. Re: Manuals for almost any rig

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-24 00:00:00 UTC
From: zut@cais.com
Message-ID: <Pine.BSI.3.93.960824075220.9628C-100000@cais3.cais.com>
Source record: 218265
Cross-posted to: rec.radio.amateur.misc,rec.radio.swap

On 23 Aug 1996, Jeffrey Herman wrote:

> Just received a catalog from A.G. Tannenbaum K2BN. Has has manuals
> for just about any rig you could think of. Even for B&W (6100 is
> listed, but email him to see if he's got a 5100).
>
> His email address is: K2BN@agtannenbaum.com. No affiliation, and
> haven't purchased anything from him yet.

Hi Jeff,

I've purchased manuals from Tannenbaum and I was pleased. I have
purchased more from W7FG Manuals however. He has a very easy phone number
to remember too: 800-807-6146

73,
Tony Stalls, K4KYO

1568. Re: RF exposure/balanced line/inverted vee

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-24 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug24.110642.1649@ke4zv.atl.ga.us>
Source record: 218266
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

In article <4vblsn$oon@mtinsc01-mgt.ops.worldnet.att.net> Cecil Moore
<w6rca@worldnet.att.net> writes:
>What we need to do is come up with an RF sniffer that is easy
>to build and the accuracy of which is guaranteed by design to
>be close enough for semi-accurate measurements. Any takers?
>Such a device should be a best seller. Anybody care to discuss
>the challenge (if any) of such a design?

At VHF and above, a standard reference gain antenna should be
practical to build and use as a probe for power density using
a bolometer readout. We can probably ignore the near field for
VHF+ fixed station antennas in most cases since they'll typically
be 10 wavelengths or more from the operating position (or the public).
In cases where we can't, measurement will be tricky.

Calibration of this setup should be fairly simple, using an identical
antenna and known output power transmitter at a fixed distance for
a calibration source.

For HF, a shielded single turn resonated loop of specified enclosed
area should serve as a suitable H-field probe. For the field strengths
of concern, a simple diode detector should suffice.

Direct calibration of this setup could be a bit more difficult,
and an indirect method may be required.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1569. Re: Signal Analyser for I.D.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-24 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug24.113503.1872@ke4zv.atl.ga.us>
Source record: 218267

In article <4vkka9$im6@freenet-news.carleton.ca> dg198@FreeNet.Carleton.CA (Frank Sved) writes:
>I've heard that there are devices on the market that will analyse a signal
>generated by a transceiver and be able to distinguish it from others on a
>recheck.
>
>Has anyone else heard of these, and if so, do they work well? Do they
>track the oscillator? How do they work?

These transmitter "fingerprinting" methods work on the basis that the amplitude and frequency settling characteristics of individual transmitters at keyup are determined by component tolerances as well as by circuit design. While units of the same make and model will have generally similar "fingerprints", component tolerances will often make it possible to separate one from another. Other clues, such as hum or alternator whine can also be used to tag a particular installation.

These methods are far from foolproof, but used in conjunction with standard DF techniques, they can be an aid in narrowing down a list of suspects, IE if there are several transmitters in the general area from which interference is coming, some of them can be ruled out if their "fingerprint" is grossly different from the signal being tracked.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1570. Re: need antenna info assistance

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-24 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug24.111649.1747@ke4zv.atl.ga.us>
Source record: 218268
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.equipment

In article <321D196D.551@cris.com> tcmedlin@cris.com writes:
>
>I am wanting to build some dual band 2mtr/440mhz antennas by using 450
>ohm ladder line and possibly in a j-pole configuration. i would like to
>enclose these antennas in either 3/4 inch or 1 inch pvc pipe to make
>them rigid and to weather proof them. i could put a cap on the top and
>would like to mount a so-239 in the base so a coax could be connected.
>does anyone have any plans or information on the dimentions , gain, swr,
>etc that could be achieved. also looking for any other ideas even if
>not with the ladder line as long as it would mount in the pvc pipe.

Count on the PVC detuning the antenna. It will change the electrical
length of the antenna by a factor determined by its dielectric constant
and the ratio of antenna element diameter (and internal position) to
pipe diameter. Using a flexible conductor inside the pipe could make
this an intractable problem to calculate. Cut and try may be the only
way. OTOH, using a rigid conductor fixed in position inside the pipe
would make the design amenable to calculation (and make it reproducible).

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1571. Re: Could it be true? Is this possible?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-24 00:00:00 UTC
From: mkortlander@monmouth.com
Message-ID: <321f2f6d.1042201@news.monmouth.com>
Source record: 218269
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.misc

why is this spammed into rec.radio.scanner and alt.radio.scanner?
why can't you keep your ham problems in the ham newsgroups?

bbowers@townsqr.com (Blake Bowers) wrote:

>
>ny licensed ham can become a rptr owner - there's no virture
>>in that - and practically any transceiver can be made into a crude
>>rptr. Thus, you hold no special significance in the amateur community; but
>>now among the internet community you are scum for not having the courage
>>to use your real address to accompany your remarks.
>
>Mackey, KA0SSF
>>Owner, 147.435 repeater, Portland, Oregon
>
>
>Ask John about how he singlehandedly tore up other HAM repeaters in
>the portland area. His post he thought was private was funny!
>
>He was apologizing, and trying to explain!
>
>

1572. Western Connecticut Hamfest 15-Sep Newtown CT

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-24 00:00:00 UTC
From: KD1YV <jimkd1yv@ix.netcom.com>
Message-ID: <321F04CA.43B1@ix.netcom.com>
Source record: 218270
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.space

THE WESTERN CONNECTICUT HAMFEST
Sponsored by the Candlewood Amateur Radio Association

Sunday, Sept. 15, 1996 0900-1400
Edmond Town Hall Route 6, Newtown, CT
Tables inside Tailgating outside
ARRL Sanctioned Handicapped Access
Door Prizes Ample Parking
Gourmet Fare Rain or shine

Talk-in 147.12/.72 PL 141.3

General admission $4.00 at the door (what a deal!)

Tailgating $6.00, inside table reservations $10.00 each, (both
include 1 admission), mail to:
Candlewood Amateur Radio Association, PO BOX 3441, Danbury CT 06813

For more info, phone (203) 790 7041 or (203) 438 6782.

Hope to see you all there.
73 de KD1YV
Jim

1573. Available 1 x2 & 2 x 1 Extra Class Calls

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-24 00:00:00 UTC
From: fmorris@prysm.NET
Message-ID: <321F1728.6C02@prysm.net>
Source record: 218271

Does anyone know where there is a list on the Internet of all of the available 1 x 2 and 2 x 1 Extra Class Calls? Your help will be greatly appreciated.

73's DE Frank, N5YZM...

1574. Re: Available 1 x2 & 2 x 1 Extra Class Calls

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-24 00:00:00 UTC
From: AC6V <AC6V@ix.netcom.com>
Message-ID: <321F1E92.B3@ix.netcom.com>
Source record: 218272

Frank C. Morris, N5YZM wrote:
>
> Does anyone know where there is a list on the Internet of all of the
> available 1 x 2 and 2 x 1 Extra Class Calls? Your help will be greatly appreciated.
>
> 73's DE Frank, N5YZM...

Frank. Go to URL:

http://walden.mo.net/~aa0yt/misc.htm

There is a list of 1x2, 2x1 etc.

Regards from San Diego
Rod

I transmit, therefore I am, I think!
--

--
Hark for I have hurled my words to the far reaches of the earth!
What King of old could do thus??
..... AC6V

1575. Re: CORRECTION - FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-24 00:00:00 UTC
From: dnorris@k7no.com
Message-ID: <321f2d85.69854737@news.syspac.com>
Source record: 218273
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.antenna

frederick.mckenzie-1@kmail.ksc.nasa.gov (Fred McKenzie) wrote:

>I believe you! Now, how does that relate to the average Ham? Although 10
>mW/cm^2 sounds like a miniscule amount, it doesn't sound so bad when you
>convert it to 100 W/M^2 (did I do that right?).
>
>What are "real world" exposure levels that a Ham is likely to encounter in
>each of several areas of the Ham spectrum? Suppose I have a 100 Watt HF
>transceiver to a dipole, about 20 feet off the ground. Is anyone at risk
>while I'm on the air? What if I run a KW? What if I use a beam that is
>50 feet up?
>
>How about a typical Two Meter installation?
>
>What I'm leading up to, is that the FCC might accomplish more, if they
>were to perform the math (or make the measurements) for common situations,
>and publish examples where harm might occur.
>
>73, Fred, K4DII

Now that makes sense Fred. Will it happen? Hell no. Because that
makes sense Fred.

1576. Alinco DJ-191T Mod

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-24 00:00:00 UTC
From: beck01@primeline.com
Message-ID: <4vnd7k$8fc@news.primeline.com>
Source record: 218274

Can anyone help me find an extended frequency mod for the Alinco DJ-191T?
Have looked everywhere!

Lowell
N4ZLJ

1577. Re: A licensed ham in

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-24 00:00:00 UTC
From: Pierre Thomson <mmommsen@mhv.net>
Message-ID: <4vndg5$r3o@news.mhv.net>
Source record: 218275

KD1YV <jimkd1yv@ix.netcom.com> wrote:
>
> Lance Halle wrote:
> >
> > 08/19/96
> >
> > THREE ARRESTS IN MESA INTERFERENCE CASE
> >

> Of the 4 listed, only one produced a hit on
> <http://www.ualr.edu/~hamradio/callsign.html>
>
> KC7QPJ JOHNSON, CHRISTOPHER R LIC ISU 24-JUL-1996
> TECH PLUS 2605 N VAL VISTA DR LIC EXP 24-APR-2006
> DOB 18-MAY-1976 MESA AZ 85213 LST UPD 24-JUL-1996
>
> Hmmm. Address is different, but name and birth date are the same. Now this
> guy is in _big trouble_ with the FCC for not sending in his 610 to change his
> address :-)
>

Also note, his ticket was less than a month old. Probably just got
a rig with "extended transmit range"...

73 de KA2QPG, Pierre

~*-.,_,.-*~'^'~*-.,_,.-*~'^'~*-.,_,.-*~'^'~*-.,_,.-*~'^'~*-.,_,.-*~'
Pierre Thomson ARS: KA2QPG internet: mmommsen@mhv.net
-*~'^'~*-.,_,.-*~'^'~*-.,_,.-*~'^'~*-.,_,.-*~'^'~*-.,_,.-*~'^'~*-.,

1578. Employee shortage at HRO Delaware

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-24 00:00:00 UTC
From: ham@w3eax.umd.edu
Message-ID: <4vnf2n$8bn@dailyplanet.wam.umd.edu>
Source record: 218276

I was speaking to Bob, WN3K, manager of HRO Delaware. He says he's
short of part-time workers. The job offers lots of hard work and
meager pay, but is a lot of fun (in the words of Bob).

Anyway, should you have any interest whatsoever, give him a call at
1-800-644-4476. I have no connection whatsoever with HRO.
--
* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 138 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

1579. Re: FCC Ruling Prohibits Unreasonable Restrictions on TV Antennas

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-24 00:00:00 UTC
From: No@Junk.Email
Message-ID: <4vnlch$kvc@uuneo.neosoft.com>
Source record: 218277
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwaverec.radio.amateur.misc

In article <n9jig-15089620304300001@0.0.0.0>, Rich Carlson said...
>
>Does anyone have the text of this ruling? I am trying to get my townhouse
>association to allow a DBS dish and a discone for scanning on my roof, and
>this may help push me over the edge as it were...
>

It looks like none of the other responders have mentioned that the
ruling does NOT apply to owners of townhomes/condiminiums where the
roof and surrounding real estate is not the sole property of the
owner, but is shared by the group.

If this is the case where you live, the ruling will not help you.
--
dsterner@neosoft.com

1580. K1MAN

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-24 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <321F6B34.64E0@ccsnet.com>
Source record: 218278
Cross-posted to: rec.radio.amateur.misc,rec.rado.amateur.policy

If you love or hate K1MAN let him know.
He ceratinly loves himself.
Send him mail to:
k1man14275@aol.com
--
#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#================#===#
| k1oik@ccsnet.com |
#===#
You cannot build a reputation on what you are going to do.

Henry Ford

1581. HELP w/ SSB Antenna

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-24 00:00:00 UTC
From: Mike Snowden <Pmikes@fishnet.net>
Message-ID: <321F60DB.1E07@fishnet.net>
Source record: 218279

I have two cushcraft 13B2 yagi antenna which I will phase together using the factory kit. I have been trying to find out which will be the most effective way of mounting the pair. Since I will use them for SSB work, I know they must be horizontally polarized. The big question is what is the best way to stack them??? Side by side or top and bottom. The books do not seem to clear. What will the different effects be for each type of mounting? I could really use some help on this. Thanks, Mike K6YPB

mikes@fishnet.net

1582. Re: Signal Analyser for I.D.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-24 00:00:00 UTC
From: brian@nothing.ucsd.edu
Message-ID: <4vntta$9ne@news1.ucsd.edu>
Source record: 218280

ccart@erols.com (CHRISTOPHER CARTWRIGHT) writes:
>I think this might be what the cellular industry is calling
>"RF Fingerprinting".

At a ham convention a few years back, one such device was being
demonstrated. Apparently it samples the frequency stability of the
first few milliseconds of each transmission and compares it to a
learned database of transmitters. Since the instantaneous frequency
stability of a transmitter being keyed is highly dependent on individual
component tolerances and aging, it's said to be unique, and capable of
identifying a particular unit.

See the patent for more details, I suppose.
- Brian
- Brian

1583. IPS Daily Report - 24 August 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-24 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <4vo2ji$6l@flare.syd.ips.oz.au>
Source record: 218281
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 24/2330Z AUGUST 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 24 AUGUST AND FORECAST FOR 25 AUGUST - 27 AUGUST

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 75/13

GOES satellite data for 23 Aug
Daily Proton Fluence >1 MeV: 6.7E+05
Daily Proton Fluence >10 MeV: 1.9E+04
Daily Electron Fluence >2 MeV: 1.4E+06 (normal)
X-ray background: B2.9
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
25 Aug 26 Aug 27 Aug
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 25 Aug: 76/14

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Quiet to unsettled

Estimated Indices : A K Observed A Index 23 Aug
Learmonth 9 3222 3222
Fredericksburg 10 13
Planetary 8 15

Observed Kp for 23 Aug: 2454 3122

2B. MAGNETIC FORECAST
Date Ap Conditions
25 Aug 8 Quiet to unsettled
26 Aug 9 Unsettled
27 Aug 18 Unsettled to active
COMMENT: A coronal hole is visible on the eastern hemisphere
of the Sun. The hole appears stronger on this rotation. Recurrence
suggests increased activity (active levels) for 27 August. Other
factors also indicate active levels may occur on 30 August.

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band
Date Low Middle High
24 Aug Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
25 Aug Normal Normal Fair
26 Aug Normal Normal Fair
27 Aug Normal Fair Poor
COMMENT: High latitudes may experience degraded HF comms during
interval 27-30 August.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
24 Aug 13

Observed Australian Regional MUFs:
Darwin: Depressed 15% during the local day,
near predicted monthly values during local night.
Spread F observed 13-16UT.
Townsville: near predicted monthly values.
Sydney: near predicted monthly values, spread F observed
15-20UT.
Hobart: Near predicted monthly values.

Predicted Monthly T index for August: 10

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
25 Aug 10 near predicted monthly values
26 Aug 10 near predicted monthly values
27 Aug 10 near predicted monthly values
COMMENT: Degraded HF conditions may be experienced on 28 August
for Souuthern region Australia.
--
IPS Radio and Space Services | email: rwc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/rwc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/rwc/
tel: +61 2 94148300 | fax: +61 2 94148331

1584. Re: Truckers on 14.3025

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-24 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug24.145246.2881@ke4zv.atl.ga.us>
Source record: 218282

In article <4vl5ql$god@news.iglobal.net> Murray Neece <kc5mdm@iglobal.net> writes:
>
>Im not so old and I can and do op CW..I think its a good
>requirement...Otherwise it would be CB no?

No. If you think that the only significant difference between
amateur radio and CB is a Morse test, then you don't understand
amateur radio at all. Unfortunately, you aren't alone.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1585. Re: CORRECTION - FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-24 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug24.132419.2275@ke4zv.atl.ga.us>
Source record: 218283
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.antenna

In article <frederick.mckenzie-1-2308961844560001@k4dii.ksc.nasa.gov>
frederick.mckenzie-1@kmail.ksc.nasa.gov (Fred McKenzie) writes:
>In article <1996Aug21.155557.3774@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us
>(Gary Coffman) wrote:
>> There is documented evidence that exposures of greater than 10 mW/cm^2
>> can cause harm. In particular, cataracts or loss of focal flexibility
>> due to RF heating of the lens of the eye, and in some cases cancers.
>
>Gary-
>
>I believe you! Now, how does that relate to the average Ham? Although 10
>mW/cm^2 sounds like a miniscule amount, it doesn't sound so bad when you
>convert it to 100 W/M^2 (did I do that right?).

That's right, and it's the field you'd see 36.1 cm from the radiation
center of a dipole with a 100 watt transmitter driving it, or 8.1 cm
from a 5 watt transmitter's antenna, IE a HT with a rubber duck held
in front of your face.

>What are "real world" exposure levels that a Ham is likely to encounter in
>each of several areas of the Ham spectrum? Suppose I have a 100 Watt HF
>transceiver to a dipole, about 20 feet off the ground. Is anyone at risk
>while I'm on the air? What if I run a KW? What if I use a beam that is
>50 feet up?

The HF transceiver and dipole would be generating a field in excess of
the standard for H-field exposure (depending on antenna orientation with
respect to the point of measurement). You're still in the near field at HF
frequencies, and the behavior there is more complex. We have to look at
E-field and H-field exposures separately, and not just at power density.
(You'd be Ok with respect to power density alone at that separation.)

A kW would aggrevate the situation. 10 db power gain equates to a 3.16
times larger exposure radius for the same field intensity. A beam on a
50 foot tower would generally be in compliance with the standard, even
at a kW (barring some obscure pattern anomaly caused by the particular
installation, IE feeder radiation). That's because its pattern isn't
isotropic, and the main lobe would be well above populated areas.

>How about a typical Two Meter installation?

An on-glass antenna installation with a 100 watt transmitter in a car
would exceed 10 mW/cm^2 exposure at the driver's (or passenger's)
position. A cowl mount might too. A roof mount would generally be Ok

(except for people standing next to the car). At home, a spacing of 1.61 meters from the operator would be outside 10 mW/cm^2, but would have to be 5.1 meters away to meet the 1 mW/cm^2 exposure standard. In general, the new standard requires a spacing of 3.16 times greater than the old ANSI-82 10 mW/cm^2 standard required on 2m. If you're using a gain antenna, things become more complicated. In the main lobe, safe exposure distances have to increase in proportion to the power gain, in the pattern nulls, safe exposure distances are lessened from what they would be with an isotropic source.

>What I'm leading up to, is that the FCC might accomplish more, if they
>were to perform the math (or make the measurements) for common situations,
>and publish examples where harm might occur.

They did. About a year ago, the FCC OET went out in the field and examined 9 amateur installations picked at random. The results are available as a PDF file on the FCC web site (148 kb file). While many amateur installations were within the NCRP-86 limits, they found some which weren't. And those weren't aberrant installations, but rather some fairly common ways amateurs set up their stations.

IMHO, the most common dangers for amateurs operating VHF+ are on-glass mobile antennas with typical VHF rigs at power levels of 25-45 watts, and using a 5 watt HT held in front of the face. (Note that these setups are exempt from the new regulations for *political* reasons, but that certainly doesn't mean that they are safe. It is no accident that 50 watts was chosen as the cutoff point. Look at the power output of the typical VHF mobile rig, they fall just under the exemption limit.)

For amateurs operating on HF, the big danger areas are indoor antennas and ground mounted verticals. The FCC did find some "hot spots" in stations using open wire feeders or end fed long wires. (Mobile setups are at risk too, but at HF the car body does offer some Faraday shielding for the operator. The big hazard is to members of the public standing outside a parked car that has an operating HF setup.)

A final note. The standard requires exposures to be averaged over a 6 minute period for operators, or a 30 minute period for the general public (whose standard exposure levels are lesser than for operators). So a station whose peak exposures violate the standard may still be Ok if the average exposure level is sufficiently lower than the peak. Again this is a somewhat *political* decision and doesn't mean it is safe.

A non-amateur example: a 250 kW pulse radar whose average power is only 100 watts might meet the standard but still fry your eyes in some situations. Peak power does matter in some cases. I've tried to heat hotdogs by holding them in front of radar dishes with a wooden stick. The dog's surface *explodes* into blisters, but the center remains cold because the *average* power is too

low to cook it through. When I do this using our satellite uplink truck's dish (800 watts FM), the dog cooks nicely because it's in a constant power field of sufficient intensity. Those explosive blisters could still do you harm, even if they don't cook you through like a beam with higher average power can.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1586. Need IL & WI on 10 & 15 Meters

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-24 00:00:00 UTC
From: chohenste@skyenet.net
Message-ID: <chohenste-2408962353320001@news.skyenet.net>
Source record: 218284

I'm working on my five-band Worked All States and need IL & WI on 10 & 15 meters (WI worked twice on 10 meters but unable to get card). If any hams in these states need IN on these bands, or simply want to help, please reply; perhaps we can exchange phone numbers and call each other if we hear short skip. QTH is ninety miles east of Chicago. Working with indoor dipoles in apartment--no beam.

Also need AK on 10 & 15 meters (I'm not holding my breath). On 10 meters only I need HI, ID, NM and UT. WAS already completed on 80, 40 & 20 meters but glad to help anyone who needs IN on these bands and wishes to set up a sched.

Thanks,
n9sqe
Charles Hohenstein
chohenste@skyenet.net

1587. losers

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: Malcolm Fairleigh <lozmal@netwit.net.au>
Message-ID: <321F81E7.3B16@netwit.net.au>
Source record: 218285

This is sasting space on the newsgroup and seems to be the ramblings of a mindless twit with tunell vision.

1588. Re: FCC Ruling Prohibits Unreasonable Restrictions on TV Antennas

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: glittle@awod.com
Message-ID: <4vo8ha$2kn@battery.awod.com>
Source record: 218286
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.sca

In article <n9jig-15089620304300001@0.0.0.0>, n9jig@TheRamp.net (Rich Carlson) says:
>
>Does anyone have the text of this ruling? I am trying to get my townhouse
>association to allow a DBS dish and a discone for scanning on my roof, and
>this may help push me over the edge as it were...
>
>--
>Rich Carlson, N9JIG (n9jig@TheRamp.Net)
>
>ScannerMaster Illinois Communications Guide (800) 722-6701
>
>CARMA (Chicago Area Radio Monitoring Association) BBS (630) 852-1292
>PO Box 2681, Glenview IL 60025 SASE for sample newsletter.

It is available at www.fcc.gov. It is longgggg.

This is where I found it after being alerted by the FCC Daily Digest.

Also on the Daily Digest. Recently Centel Cellular was fined $3,000,000.00
for tower violations. Seems that they do not understand Air Safety Zones.
A tower 187 feet high, 2.8 miles from runway, no lights! Did not reply
to FCC for site data. Filed with FAA 5 months after tower operational
for permission to erect tower. What a list of problems. Fine reduced to
$2,000,000.00. After 6 zeros, what does it matter the number in front?

73
Glenn Little
WB4UIV

1589. Re: SAMS Needs Your Electronics URLs

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: future@blarg.net
Message-ID: <321fa55b.3452629@news.blarg.net>
Source record: 218287
Cross-posted to: rec.antiques.radio+phono,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.video.satellite.dbs,rec.video.satellite.europe,rec.video.satellite.misc,rec.video.satellite.tvro

On 23 Aug 1996 12:05:57 GMT, Phil Wakely <pwakely@scigen.co.uk> wrote:

>future@blarg.net (Tim Gerchmez) wrote:
>>On Wed, 21 Aug 1996 04:46:16 GMT, jafo@cheetah.net (Gregg) wrote:
>>
>>
>>>>>>Vs lbh pna ernq guvf, lbh ernyyl bhtug gb trg bhg zber
>>>>
>>>>Url! Jung xvaq bs n penpx vf gung? :-D
>>
>>Urururur.. V gubhtug EBG13 jnf bhg bs qngr.. guvf vf gur svefg gvzr
>>V'ir frra vg hfrq va dhvgr n juvyr ;)
>>
>
>Jung vf/jnf EBG13 ??
>

Tvira gung lbh rapbqrq gur nobir, lbh onfvpnyyl nyernql xabj jung vg
vf. Vg'f n fvzcyr Hfrarg rapbqvat zrgubq (sbetbg jurer vg bevtvangrq,
fbzrbar ryfr pbhyq cebonoyl gryy lbh). V unqa'g rire frra vg hfrq
orsber hagvy guvf guernq fgnegrq. Zl arjfernqre (Ntrag .99S) vapyhqrf
n EBG13 rapbqre/qrpbqre, fb V'z abg qbvat guvf ol unaq ;)

--
Check out my home page at http://www.blarg.net/~future/index.html
I'm a volunteer at the Win95 Help Site. Drop by if you need help with Win95.
http://www.isisnet.com/terrymo/index.html

1590. Re: TechPlus --> General?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: glittle@awod.com
Message-ID: <4voa3v$2kn@battery.awod.com>
Source record: 218288
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <markbond-2208961831020001@news2.new-york.net>, markbond@world2u.com (Mark S. Bond) says:
>
>In article <Pine.LNX.3.91.960822151706.7279A-100000@net.digalogsys.com>,
>rdmiller@execpc.com wrote:
>
>> Hi!
>>
>> Could someone verify what I'll need to do to upgrade from Tech Plus
>> to General? I just need to pass the 13-gpm code test, right?
>>
>> "Rigless" Rick Miller (kb9obn) rdmiller@execpc.com
>
>Rick, in addition to the 13wpm CW, you have to pass the General theory...
>
>--mark n2riq

Should depend on date of Tech Plus license. I am a Tech Plus (23 years)
The theory test I took (not memorized from a book, the question
pool was NOT in the public domain) was the same as General. For me to
upgrade only requires that I pass 13 WPM cw.

73
Glenn Little
WB4UIV

1591. Re: Mobile Installation in Dodge Spirit

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: Bob Sull <wa8imo@kellnet.com>
Message-ID: <322004D7.364A@kellnet.com>
Source record: 218289
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Bob Fritz wrote:
>
> In article <321BC629.174D@southeast.net>, jpf@southeast.net says...
> >
> >Hello,
> >
> >Does any one know how to route a 12 volt cable through the firewall
> >of a 1993 Dodge Spirit. I currently have my FT-8000 wired to the
> >fusebox and would like to wire it directly to the battery.
> >
> >Thanks for any suggestions.
> >
> >Jim.. WA5VPW..
> >
> I routed cables in my 84 Toyota Landcruiser and 1995 Dodge Ram. First, I used
> 12 gauge stranded wire for the leads. Next I looked on the firewall for a
> rubber grommet or gasket that had a cable (mechanical or electrical). Find
> one nearest the point of hook up on the interior and also on the side of the
> battery. Then take a stiff wire (yes, the ubiquitous coat hanger will work)
> tape the ends of the wires to it and poke it through the grommet or gasket
> from the engine side - usually the easiest. Find the end of the stiff wire
> and pull through into the passenger area - make sure you have enough wire to
> work with and get to your connection point. You may want to use cable ties or
> tape to keep the wire contained under the dash. If you are really paranoid,
> you can put tape over the wires where they go through the firewall to reduce
> the possibility of abrasion.
>
> Carefully and neatly route the wires to the battery area. Make sure you avoid
> moving parts, hood closure, etc. I put fuses in both wires as I have seen
> recommended. Make the appropriate battery connections. I used crimp-on
> connectors and fastened them to the bolts on the battery cables. Again, use
> cable ties or tape to keep the cable secured.
>
>You neglected to mention a very important part of this installation. FUSES! You should put fuses in both lines going to the battery. Yes, both positive and negative.

Fuse holders can be bought at Auto parts stores and/or hamfests.

I did it this way: ----|
| |-----------|
Battery + ---------| | |----------------
| |-----------|
----|

```
|----
|-----------| |
Battery - ---------| | |----------------
|-----------| |
|----
```

Note the reversed fuse holders. If they are installed this way, the risk of connecting the polarities is greatly reduced.

(Reference QST a couple years ago)

73, Bob WA8IMO
> Bob
> KE6WYG

--
<> Bob Sull WA8IMO <>
"73, CUL, es keep the FUN in Ham radio."
>Life Member-ARRL QCWA< >Member-NODXA NCDXF< >DXCC WAS RCC < >8P9BC<
>QSL Mgr for 8P6JG<
>WA8IMO@NO8M.#NEOH.OH.USA<
>WA8IMO@KELLNET.COM<

Bob Sull
"Take only photographs, leave only footprints."
==========
WA8IMO@KELLNET.COM

1592. Re: Usenet problem

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: Agent
Message-ID: <4vobs5$p77@marcy.concom.com>
Source record: 218290

Cecil Moore <w6rca@worldnet.att.net> wrote:

>>adamkern <adamkern@tiac.net> wrote:
>>>I'm having trouble with this newsgroup all of a sudden. I'm using
>>>Netscape for my browser, and all of a sudden, whenever I say "catch up
>>>all articles," it won't do it.

>Hi Adam, this happens to me when there is an unread article
>in the "earlier articles" or "earliest articles" categories.
>Click on "earlier" or "earliest" articles. If there is anything
>there, click on "catch up all articles". Works for me.

>73, Cecil, W6RCA, OOTC

==========
Browsers keep track of the numbers on the articles. News groups place
the articles in numberical order.

When you say CATCH UP. The only thing you ae doing is resetting your
counter to the last number in the news group. Thus you will not be
able load any articles prior to that number on that news group.

DON'T use catch up unless you want to skip a bunch of articles and be
ready to read only new posts.

Gene

K5FQ

1593. Re: SAMS Needs Your Electronics URLs

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <4vof62$o5b@cc.iu.net>
Source record: 218291
Cross-posted to: rec.antiques.radio+phono,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.video.satellite.dbs,rec.video.satellite.europe,rec.video.satellite.misc,rec.video.satellite.tvro

In <4vcg3p$6a7@shore.shore.net>, pip@shore.net (GeorgeS) writes:
>advent of the search engine (Alta vista, Lycos, Deja News etc...) it is easier
>and quicker to do an online search.

yeah, when they work they're grand. but there seems to be little if any rechecking to see if a url on file at a search location is really there - so you might get 1 of a million possible listings with about 999,000 of them unusuable at all.

of course, there's one location where you have to download files (getting a catalog), expand, run an installation program on the data, then you find you have a bunch of directories and a ton of HTML files to pull up in the browser to view 'em...(now, THAT'S comedy). <sigh>

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

1594. Re: Truckers on 14.3025

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <4vofc0$o5b@cc.iu.net>
Source record: 218292

In <4vd3te$1bjg@usenetp1.news.prodigy.com>, VUBS79A@prodigy.com (Drew Durigan) writes:
>And the ARRL is supposed to speak for the interests of all amateur
>operators. Uh huh. Sure. If you believe that, I have a beachfront condo
>in Wyoming that I'd like to sell you.
>
>-Drew in Sunny Central Florida-
> KF4DDM

so become a member so you'll have some clout with Frank Butler when you
see him at the next hamfest.

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

1595. Re: TechPlus --> General?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <4vofj7$o5b@cc.iu.net>
Source record: 218293
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <321E154E.72D5@any__where.com>, "John..Mackey..KA0SSF" <no__place@any__where.com>
writes:
>I am a VE with both ARRL & W5YI, I have been testing since 1990.

and not capable of having a real electronic mail address, assuming you're
doing this on purpose to avoid being able to take the other thread to mail..

>tech license previous to 1987 (I don't remember the EXACT month &
>day) you will need to pass element 3B which is a 25 question test.

that was 3/21/87. (think it was the same weekend the feds jumped on
jim bakker...)

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

1596. Los Angeles-area radio clubs??

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: ag001@lafn.org
Message-ID: <1996Aug25.015821.23177@lafn.org>
Source record: 218294

Any L.A.-area radio clubs around for 2-meter people, esp. with
213 autopatch facilities???
Thanks
KE6OCM
--

1597. Re: FCC Ruling Prohibits Unreasonable Restrictions on TV Antennas

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <4vog1g$2qt@jupiter.planet.net>
Source record: 218295

> glittle@awod.com (Glenn E. Little) writes:
Recently Centel Cellular was fined $3,000,000.00
Fine reduced to
> $2,000,000.00. After 6 zeros, what does it matter the number in front?
>

only of your the one paying the bill
]
steve

1598. Re: Employee shortage at HRO Delaware

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <4voe5a$qre@abyss.West.Sun.COM>
Source record: 218296

In article <4vnf2n$8bn@dailyplanet.wam.umd.edu>,
Scott Rosenfeld NF3I <ham@w3eax.umd.edu> wrote:
>I was speaking to Bob, WN3K, manager of HRO Delaware. He says he's
>short of part-time workers. The job offers lots of hard work and
>meager pay,

No wonder they're short on part-time help.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

1599. Re: Available 1 x2 & 2 x 1 Extra Class Calls

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: ny1t@ix.netcom.com
Message-ID: <4voj57$c7s@sjx-ixn6.ix.netcom.com>
Source record: 218297

In <321F1728.6C02@prysm.net> fmorris@prysm.NET (Frank C. Morris, N5YZM) writes:
>
>Does anyone know where there is a list on the Internet of all of the
>available 1 x 2 and 2 x 1 Extra Class Calls? Your help will be greatly
>appreciated.
>
>73's DE Frank, N5YZM...

Elimination process...NY1T is gone hihi

1600. Re: Truckers on 14.3025

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: ny1t@ix.netcom.com
Message-ID: <4vokob$hjs@dfw-ixnews10.ix.netcom.com>
Source record: 218298

In <4vl5ql$god@news.iglobal.net> Murray Neece <kc5mdm@iglobal.net>
writes:
>
>Im not so old and I can and do op CW..I think its a good
>requirement...Otherwise it would be CB no?
>
No, CB spends most of the time BSing (with a liberal does of milicious
interference). 2m seems to be going this way.
Ham has CW, DXing, contesting, experimenting, homebrewing, paper
chasing, worldwide BSing, education, incentives, packet, ATV, parties,
clubs, MARS, helping with emergencies, providing communications for
events, transmitter hunts, satellites...
There is a lot more to ham radio than spending hours on a repeater just
for the sake of talking. When you get bored with any part of the hobby,
you can do something else. I always tried to teach my classes:
Ham Radio is to be enjoyed, but not at the expense of others.
73

1601. Re: INFO: TenTec 2 Meter Mobile...

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: rsellers@firecraker.com
Message-ID: <4vomgo$8fo@news0-alterdial.uu.net>
Source record: 218299
Cross-posted to: rec.radio.amateur.misc,rec.radio.swap,rec.radio.amateur.equipment

What's the level of electronic knowledge is required to build one of these? Is there any special equipment needed?

73,
Roger Sellers KB9LBU
email: rsellers@firecraker.com

In article <3219B8FE.58C4@midtenn.net>, ttuweb@midtenn.net says...
>
>Bob Lott KC7OSZ wrote:
>
>Bob,
>
>I just did a review for 73 magazine (this month.. front cover).. it was
>a great kit, works great... my friend built one and had similiar
>results. The rig doesn't have scan and presently no DTMF mike (but it
>is equipped and TT is investigating) the packet plug in the back works
>great.. I put the optional amp in mine.. but never turn it on.
>
>It was a super quality kits.. top of the line instructions.. you test
>each stage as you build..
>
>Highly recommend it.
>
>73
>Jeff, AC4HF
>

1602. Re: Wisconsin Callsign Plates?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: hansons@mailbag.com
Message-ID: <4volgs$kdo@grandcanyon.binc.net>
Source record: 218300

Thomas Brockdorf AA9IS <tbrock@execpc.com> wrote:

>I would like to apply for callsign License plates in Wisconsin.
>I heard somewhere that there is some one to contact in the D.O.T.
>Any info would be greatly appreciated.

The DOT is at 4802 Sheboygan Avenue in Madison (53708).

The number for the special plates unit is 608-266-3041 though any
local motor vehicle services office can help.

--
Jason J. Hanson | 641 W. Main St. #315 |
hansons@mailbag.com | Madison, WI 53703-4711 | Ham: N9LEA (Extra)

-- Rush is Reich! * Re-elect Clinton! * Proud Democrat, Badger fan --

1603. Re: SAMS Needs Your Electronics URLs

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: marty@trucom.com
Message-ID: <4vomi5$858@thepit.trucom.com>
Source record: 218301
Cross-posted to: rec.antiques.radio+phono,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.video.satellite.dbs,rec.video.satellite.europe,rec.video.satellite.misc,rec.video.satellite.tvro

jadams@idirect.com (J Adams) wrote:

>Electronics Resource Internet Addresses Needed
> for Publisher.
>==
>To all Electronics Companies, Service Person-
>nel, Webmasters & Hobbyists,

>I am preparing a book tentatively titled "Sam's
>Internet Guide to the Electronics Industry", to
>be published by Howard W. Sams & Co. and PROMPT
>Publications. The book will contain site add-
>resses for electronics resources. Companies,
>organizations and individual web creators are
>encouraged to fill out a simple FORM at the ad-
>dress below.
>--
> http://web.idirect.com/~ifx/book/
>--
>In addition, any electronics related addresses
>or resources you run into while surfing please
>let me know by filling out said form.

>If you lack FORMS capability send an email with
>the info below. I am especially interested in
>sites offering simple electronics repair data,
>service specs and hobbyist help-pages. Other
>resources are more than welcome. Top Urls will
>be printed in this directory and updated in
>future issues.
>--
>Name:
>Company Name:
>Nature of Business:
>Address http:
>Other Addresses:
>FTP Site:
>E-mail Contact:
>E-mail Main (info):
>Webmaster:
>Listserv:
>How often is your website updated:

>What type of information can be found on your
> website or special features:
>Has the WWW helped your business:
>Comments:
>---
>Send to John Adams -- jadams@idirect.com

>If you know of any other Electronics related
>links please let me know in an email or a blank
>form.

>Thank you in advance. John Adams -- Author

>John J. Adams | "Forever Learning" |
>Author | "Forever Questioning" |
>Web Designer | "Forever Creating" |

>------------jadams@idirect.com------------

>INFINET-FX @ http://web.idirect.com/~ifx/

I assume that this book will be provided free to all who submit or are
just trying to get us all to:

1) Do all your work
2) Still pay for the book

Just curious... I gave up doing research for others without pay when I
got my degree.

Take Care & 73

Marty Albert - marty@trucom.com
Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM

Heartland Internet Services

****
Cheap Long Distance! Just 12.9 cents per minute!
http://freedomstarr.com/?AL7837318
****

1604. Re: HELP w/ SSB Antenna

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: billn@PEAK.ORG
Message-ID: <4vorpk$3pa@bashir.peak.org>
Source record: 218302

Mike Snowden (Pmikes@fishnet.net) wrote:
: I have two cushcraft 13B2 yagi antenna which I will phase together using
: the factory kit. I have been trying to find out which will be the most
: effective way of mounting the pair. Since I will use them for SSB work,
: I know they must be horizontally polarized. The big question is what is
: the best way to stack them??? Side by side or top and bottom. The books
: do not seem to clear. What will the different effects be for each type of
: mounting? I could really use some help on this. Thanks, Mike K6YPB

There is no requirement that antennas be horizontally polarized, for SSB
or any other mode.

The advantage of horizontal polarization is that the majority of manmade
noise is vertically polarized, so the added isolation helps. However, when
it comes to DX, the polarization can change completely - so it is a pot
shot.

If you stack them vertically, then the vertical beam width will be
narrowed. Stack them horizontally, and the horizontal beam width will
be narrowed.

The above assume that the antennas are spaced properly, and fed with the
proper lengths of phasing line.

Bill

1605. Inter-Agency Comm. lacking

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: jamoran@indirect.com
Message-ID: <4vpbr3$rj4@globe.indirect.com>
Source record: 218303
Cross-posted to: alt.law-enforcement,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.misc

heard a crime spree unfold on the scanner yesterday (Sat 8/24) in the Phoenix area that seemed to show the lack of communication or difficulty of coordination amoung different agencies:

Subject steals car from auto Dealership, (Phoenix) commits a robbery (Phoenix), races across town, gets on the Freeway (DPS/Highway patrol), gets to the tempe area, dumps his corvette and steals another car from a car wash (tempe). the two guys split up, one breaks into an apartment and holds up there for hours (tempe), while his partner attemps a robbery and car jacking in Scottsdale.

I have 4 scanner radios here on my desk by my computer. I was able to use one radio to monitor the Phoenix PD Chase frequencies (154.89/453.1) and scan the other phoenix frequencies. I used my second Scanner to monitor the Highway Patrol Frequency (460.325), I used the third radio to monitor the Tempe (860.7375, 859.7375) and Scottsdale (860.9625, 859.9625) frequencies. I used my Sony-2010 to monitor the aircraft frequencies for any helicopter activity.

it seemed that during this entire incident one agency had difficulty figuring out what the other was up to unless a represenative from each agency was standing side by side....Each of the dispatchers (Highway patrol, Phoenix, Tempe,and Scottsdale) acted as if they had no knowledge of what was happening on the other frequencies!

The Fire Departments use an interagency frequency (154.28) thats used by all responding fire units when there is a fire involving multiple fire departments.

This makes the case for an interagency frequency where all agencies involved in a chase or crime spree that goes across jurisdictions can be in instant contact with each other and easily share information....IN most cases, a dispatcher from agency A will call Agency B..Sometimes, a helicopter will come up on the frequency used by the other agency.

JOHN

1606. Worked Central America Certificate....

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: k5odz@aol.com
Message-ID: <4vpd2b$s53@newsbf02.news.aol.com>
Source record: 218304

Checkout: http://www.hic.net/tomcat/Index.html
to see how you can qualify for the Worked Central America Certificate
(WCA) and order it by E-mail.

Thanks & gud DX,

Tom, K5ODZ

tomcat@hic.net
k5odz@aol.com

1607. Ham Tin Gods (Some PBBS SYSOPS)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <322037EA.1E36@ccsnet.com>
Source record: 218305
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.sca

Have I hit on a sore point?

AA0NN sent me a message that he was deleting my message because he did not like the subject title about what makes a loser. Why are some SYSOPS Tin Gods? They are little wimpy men that are nothing in their everyday life that become Tin Gods here on packet.

Was the Wizard of Oz a ham radio SYSOP?

Of course there are SYSOPs that have self confidence and allow points of view they do not agree with

It appears Mr. Wolfe also is in violation of FCC rules as his address does not correspond with where he is SYSOPing.

AA0NN WOLFE, JOHN R LIC ISU 4-MAY-1995
EXTRA 6402 HAMPTON DR LIC EXP 22-MAR-2004
DOB 31-JUL-1962 ANCHORAGE AK 99504 LST UPD 4-MAY-1995

Burt

1608. Loser exposed. HI HI HI HI HI?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <32203856.4EBE@ccsnet.com>
Source record: 218306

Malcolm Fairleigh wrote:
>
> This is sasting space on the newsgroup and seems to be the ramblings of a mindless twit with tunell vision.

What does "sasting" mean?
What is a "tunell?"

And I am the mindless one?

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#================#===#
| k1oik@ccsnet.com |
#===#
You cannot build a reputation on what you are going to do.

Henry Ford

1609. Worked South America Certificate

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: k5odz@aol.com
Message-ID: <4vpfeq$10b@newsbf02.news.aol.com>
Source record: 218307

Checkout: http://www.hic.net/tomcat/Index.html
to see how you can qualify for the Worked South America Certificate
(WSA) and order it by E-mail.

Thanks & gud DX,

Tom, K5ODZ

tomcat@hic.net
k5odz@aol.com

1610. 4 Week licensing courses

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: bdx@magi.com
Message-ID: <4vpi4f$5k2@news.istar.ca>
Source record: 218308

Folks, if you want to get your Technician license (or upgrade ot GEneral) in four weeks, check out the new licensing courses, publications and Morse code tapes from BDX Radio. Go to www.bushdog.com for more info - and some cool pix! Tell your friends, too!
73, Dave

1611. Re: FCC Ruling Prohibits Unreasonable Restrictions on TV Antennas

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: n9jig@TheRamp.net
Message-ID: <n9jig-2508960805380001@news.TheRamp.net>
Source record: 218309
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwaverec.radio.amateur.misc

Yes, that is correct, and it does not help me. I have decided to wait
until we move to a regular house, and get whatever the technology is then.

Thanks to all who assisted!

In article <4vnlch$kvc@uuneo.neosoft.com>, No@Junk.Email (Don Sterner) wrote:

** In article <n9jig-1508962030430001@0.0.0.0>, Rich Carlson said...
** >
** >Does anyone have the text of this ruling? I am trying to get my townhouse
** >association to allow a DBS dish and a discone for scanning on my roof, and
** >this may help push me over the edge as it were...
** >
**
** It looks like none of the other responders have mentioned that the
** ruling does NOT apply to owners of townhomes/condiminiums where the
** roof and surrounding real estate is not the sole property of the
** owner, but is shared by the group.
**
** If this is the case where you live, the ruling will not help you.
** --
** dsterner@neosoft.com

--
Rich Carlson, N9JIG (n9jig@TheRamp.Net)

ScannerMaster Illinois Communications Guide (800) 722-6701

CARMA (Chicago Area Radio Monitoring Association) BBS (630) 852-1292
PO Box 2681, Glenview IL 60025 SASE for sample newsletter.

1612. Re: Available 1 x2 & 2 x 1 Extra Class Calls

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: bnb@mindspring.com
Message-ID: <3220575a.380300@news.mindspring.com>
Source record: 218310

fmorris@prysm.NET (Frank C. Morris, N5YZM) wrote:

>Does anyone know where there is a list on the Internet of all of the
>available 1 x 2 and 2 x 1 Extra Class Calls? Your help will be greatly
>appreciated.
>
>73's DE Frank, N5YZM...

Check out //walden.mo.net/~aa0yt and www.webbuild.com/~kj4hn/

Regards, Bob Good, AE4XG

1613. Re: IC-M600 Ham band conversion info needed

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: gfiber@cmc.net
Message-ID: <4vpr22$d4s@news.cmc.net>
Source record: 218311

clarke@aztec.asu.edu (JACK CLARKE) wrote:

>----- snip -----

>I have an IC-M600 I would like to modify to transmit in the ham bands.
>Could someone email conversion info to me please?
>
>Thanks,
>WA1KRX
>
>Doug

>----- snip -----

>You don't need any modifications. Just program the frequency as
>you would any other.

>Jack VE3EED/W7
>--
IOf you contact ICOM America at 75540.525@ compuserve.com they will snail mail
you the modification. the M-600 would not transmit on the amateur bands
without removing 2 diodes one is a surfave mounting type right under the CPU.
Also you have to do a few keystrokes to enable LSB mode.

Gary

1614. FS:NEW YAESU BATTERYS & SPEAKER MIC

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: John Lee <aw688@lafn.org>
Message-ID: <32206B8D.31DF@lafn.org>
Source record: 218312

FS:NEW YAESU BATTERYS & SPEAKER MIC

FNB-31 $ 40 +SHIP
FNB-38 $ 50 +SHIP
FNB-40 $ 35 +SHIP
FNB-41 $ 40 +SHIP

NEW YAESU SPEAKER MIC

MH-12 $ 20 + SHIP

1615. FS: MOTOROLA SPECTRA 900 TRUNKING RADIO

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: John Lee <aw688@lafn.org>
Message-ID: <32206BBC.366F@lafn.org>
Source record: 218313

FS: MOTOROLA SPECTRA 900 TRUNKING RADIO

MD# D37KGA5JB7CK $ 450 OBO

MD# D37KGA5JB5DK $ 400 OBO

1616. Re: SAMS Needs Your Electronics URLs

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: kharker@cs.utexas.edu
Message-ID: <kharker-2508961147130001@slip-9-2.ots.utexas.edu>
Source record: 218314
Cross-posted to: rec.antiques.radio+phono,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.video.satellite.dbs,rec.video.satellite.europe,rec.video.satellite.misc,rec.video.satellite.tvro

In article <321fa55b.3452629@news.blarg.net>, future@blarg.net (Tim
Gerchmez) wrote:

> On 23 Aug 1996 12:05:57 GMT, Phil Wakely <pwakely@scigen.co.uk> wrote:
>
> >future@blarg.net (Tim Gerchmez) wrote:
> >>On Wed, 21 Aug 1996 04:46:16 GMT, jafo@cheetah.net (Gregg) wrote:
> >>
> >>
> >>>>Vs lbh pna ernq guvf, lbh ernyyl bhtug gb trg bhg zber
> >>>
> >>>Url! Jung xvaq bs n penpx vf gung? :-D
> >>
> >>Urururur.. V gubhtug EBG13 jnf bhg bs qngr.. guvf vf gur svefg gvzr
> >>V'ir frra vg hfrq va dhvgr n juvyr ;)
> >>
> >
> >Jung vf/jnf EBG13 ??
> >
>
> Tvira gung lbh rapbqrq gur nobir, lbh onfvpnyyl nyernql xabj jung vg
> vf. Vg'f n fvzcyr Hfrarg rapbqvat zrgubq (sbetbg jurer vg bevtvangrq,
> fbzrbar ryfr pbhyq cebonoyl gryy lbh). V unqa'g rire frra vg hfrq
> orsber hagvy guvf guernq fgnegrq. Zl arjfernqre (Ntrag .99S) vapyhqrf
> n EBG13 rapbqre/qrpbqre, fb V'z abg qbvat guvf ol unaq ;)

Gur svefg checbfr V rire fnj EBG-13 hfrq sbe (onpx va 1991 be gurernobhgf)
jnf gb uvqr rvgure gur chapuyvar bs be na ragver wbxr gung jnf cbgragvnyyl
bssrafvir be bs n evfdhr angher, cercraqrq jvgu n pyrnegrkg qvfpynvzre, fb
nf gb nyybj gur vaqvivqhny ernqre gur bcgvba bs jurgure be abg gb ivrj gur
zngrevny. V'z fher gurer ner bgure tbbq ernfbaf sbe vg nf jryy.

Nf gb jurer vg bevtvangrq, vg'f n irel fvzcyr Pnrfne pvcure gung'f orra
nebhaq n ybat juvyr (fvapr ng yrnfg gur qnlf bs Whyvhf Pnrfne) - lbh whfg
fuvsg rirel yrggre 13 fcnprf va gur nycunorg (jenccvat nebhaq nf
arprffnel.) V'z abg pregnva jung "EBG" zrnaf be jurer vg pnzr sebz,
gubhtu.

--

Kenneth E. Harker kharker@cs.utexas.edu
University of Texas at Austin Amateur Call: N1PVB
Department of the Computer Sciences "Long Live Peent!"

Taylor Hall TAY 2.124 Maintainer of the Linux Laptop Home Page
Austin, TX 78712-1188 USA http://www.cs.utexas.edu/users/kharker/

1617. Q codes

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: "Donald J. Toman" <toman@ibm.net>
Message-ID: <3220AF4A.16CC@ibm.net>
Source record: 218315

Does anyone have a comprehensive list of Q-codes? Real telegrapher's codes, please. No garbage. Thanks K2KQ

1618. Re: TechPlus --> General?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: jdelancy@tecnet1.jcte.jcs.mil
Message-ID: <199608251603.MAA28752@tecnet1.jcte.jcs.mil>
Source record: 218316

Rich --

>On Thu, 22 Aug 1996 15:19:02 -0500, Rick Miller <rick@DigalogSys.com> wrote:
>>Hi!
>>
>>Could someone verify what I'll need to do to upgrade from Tech Plus
>>to General? I just need to pass the 13-gpm code test, right?
>>
> You need to pass the 13wpm code exam, as well as the General
>written exam.

NOT necessarily true. You could be a "grandfathered" tech plus.
That depends on the date of your original technican license. If you are
a technician class licensee claiming "grandfather rights" to elements 1A
and 3, (license issued on or before 3/21/87) or to element 1A (license
issued after 3/21/87 but before 2/14/91) the burden of proof to your
claim rests with you. An original CSCE showing successful passing of
those elements and/or license showing technician privileges (or novice
for element 1A) within those "dates windows" along with your current
license are examples of acceptable proof to most VE's/VEC's.

If you dont meet those dates windows, then what Rick says is true.

k1zat

1619. Re: CORRECTION - FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: Clay N4AOX <wyn@worldnet.att.net>
Message-ID: <32208CCB.1A1E@worldnet.att.net>
Source record: 218317
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Gary Coffman wrote:
>

> A final note. The standard requires exposures to be averaged
> over a 6 minute period for operators, or a 30 minute period
> for the general public (whose standard exposure levels are
> lesser than for operators). So a station whose peak exposures
> violate the standard may still be Ok if the average exposure
> level is sufficiently lower than the peak. Again this is a
> somewhat *political* decision and doesn't mean it is safe.
> Hmmm, based on what you say, it seems that other thinkgs being equal a low duty cycle mode like Morse OOK CW would be provide a lower exposure to operators and the public when averaged over the same amount of time than say an FSK mode. In other words Morse code, among other positive attributes is more healthy than some of the newer fad modes. ;-)

73,
Clay N4AOX

1620. Re: RF exposure/balanced line/inverted vee

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug25.113041.1622@ke4zv.atl.ga.us>
Source record: 218318
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

In article <321931DA.13D6@frii.com> Avatar <avatar@frii.com> writes:
>
>I haven't seen the bureaucratic documents, but I doubt that your feedline
>is producing a stronger field than the dipole.

It probably isn't, but it is much *closer* to you than the antenna,
so your exposure can still be greater.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1621. WTB: bakelite sockets for LOEWE "multi-tubes"

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: Herbert Rotscheidt <HR@axomeg.cern.ch>
Message-ID: <DwpHM2.MIM@news.cern.ch>
Source record: 218319
Cross-posted to: rec.radio.amateur.misc,uk.radio.amateur,aus.electronics,aus.radio.amateur.misc

i'd like to buy several sockets for "multi-tubes" of types 2HF and 3NF
made by Loewe. these are bayonet-type sockets made out of bakelite.
if you've got some of these or know a source, please drop me a mail
(hr@vxomeg.cern.ch).

thanks for your help !
Herbert

1622. WTB: Kenwood TS-600

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: lespaul@nwlink.com
Message-ID: <4vq700$s06@texas.nwlink.com>
Source record: 218320
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

Looking for Kenwood TS600 6-meter rig

email to :

Dave
lespaul@nwlink.com

1623. WTB: Kenwood TV-506 transverter

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: zommbee@nwlink.com
Message-ID: <4vq6q1$s06@texas.nwlink.com>
Source record: 218321
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

Looking for TV506 6-meter transverter in working condition.

email to

Dave WB7AWK
zommbee@nwlink.com

1624. Blake causing trouble now?? was:Re: Could it be true? Is this possible?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: "John..Mackey..KA0SSF" <no__place@any__where.com>
Message-ID: <3220A5AA.7C10@any__where.com>
Source record: 218322
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.misc

mkortlander@monmouth.com wrote:
> why is this spammed into rec.radio.scanner and alt.radio.scanner?
> why can't you keep your ham problems in the ham newsgroups?
>
> bbowers@townsqr.com (Blake Bowers) wrote:
> >Ask John about how he singlehandedly tore up other HAM repeaters in
> >the portland area. His post he thought was private was funny!
> >He was apologizing, and trying to explain!

I don't know waht Blake is attempting to do this this.

It appears that you are correct that Blake wants to spread
some kind of spamming spew from ham radio newsgroups to scanning
newsgroups.

1625. Re: How to tell if you are a loser

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: Tu and Bob Myers <tuandbob@acy1.digex.net>
Message-ID: <Pine.SUN.3.94.960825153525.28270B-100000@acy1.digex.net>
Source record: 218323

On Thu, 22 Aug 1996, Burt Fisher wrote:

> Tu and Bob Myers wrote:
> >
> > Adding my own...
> >
> > Your write email to news groups that has little or nothing to do with the
> > news group.

In my opinion, a person is a loser if they write email to news groups that
has little or nothing to do with the news group.

> > Having the text "typical ham" in your post dosn't make it
> > relevent to a ham radio news group.

Since your post is about losers, not ham radio, you specificly are a
loser for posting that message to a ham radio news group.

> What does that loser comment have to do with, knitting?

Your post doesn't belong in a knitting news group either. Perhaps
"alt.losers.and.whiners"?

I hope your lesson plans are more organized than your posts.

1626. Re: SAMS Needs Your Electronics URLs

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: pip@shore.net
Message-ID: <4vqfae$2ar@shore.shore.net>
Source record: 218324
Cross-posted to: rec.antiques.radio+phono,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.video.satellite.dbs,rec.video.satellite.europe,rec.video.satellite.misc,rec.video.satellite.tvro

In article <kharker-2508961147130001@slip-9-2.ots.utexas.edu>,
kharker@cs.utexas.edu says...

>Nf gb jurer vg bevtvangrq, vg'f n irel fvzcyr Pnrfne pvcure gung'f orra
>nebhaq n ybat juvyr (fvapr ng yrnfg gur qnlf bs Whyvhf Pnrfne) - lbh whfg
>fuvsg rirel yrggre 13 fcnprf va gur nycunorg (jenccvat nebhaq nf
>arprffnel.) V'z abg pregnva jung "EBG" zrnaf be jurer vg pnzr sebz,
>gubhtu.
>

My guess is ROT13 is short for ROTATE 13. If you imagine the alphabet on a
wheel, you would cipher the text by rotating the wheel 13 spaces

1627. LCD display

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: Torpor@fnal.gov
Message-ID: <4vqg9c$ekb@fnnews.fnal.gov>
Source record: 218325

I have a Uniden scanner with an LCD display. If the unit is
mounted under the dashboard, the display can be read easily.
But if the scanner is mounted overhead (as in my van), the
display is impossible to read. The LCD digits seem to fade out
when the radio is above the observer. (I'm making an assumption
that the manufacturer intended under-the-dash mounting.)
Is there an easy fix for this?

1628. ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: zut@cais.com
Message-ID: <Pine.BSI.3.93.960825155705.21052A-100000@cais3.cais.com>
Source record: 218326
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

By now you have probably received your September 1996 QST with the ARRL's "WRC-99 Survey. If you thought the survey questions failed to cover all the topics, lacked objectivity, appeared one-sided, and/or seemed to beg for answers that supported destroying the international Morse requirement, now a part of Article S25 of the ITU Regulations, you were not alone.

If you read the International Amateur Radio Union's (IARU) Future of the Amateur Service Committee (FASC) discussion paper, you will find that there are eight major parts of the international Amateur Service Regulations to be considered for revision or elimination during WRC-99. According to the resolution passed by the ARRL Board of Directors during their 1996 Annual Meeting as noted in Minute 89 chartering the WRC-99 Planning Committee (QST, March 1996, p. 75), it mandated that the committee objectively survey the membership regarding all these items. However, the ARRL's "WRC-99 Survey" questionnaire focuses ONLY on the international Morse code HF requirement and totally ignores the other seven WRC-99 topics!

In addition, most of the questions are phrased in a manner that have been heavily criticized as being prejudicial and biased toward supporting eliminating the international HF Morse code requirement. Included among the negative feedback was at least one petition addressed to the committee requesting that the survey be withdrawn.

Furthermore, in his statement prefacing the survey, WRC-99 Planning Committee Chairman Todd Olson (K0TO) stated that the survey was "being sent to a random sample of ARRL members and other licensed radio amateurs" and added that the results of that poll would be tabulated separately. However, according to the committee's chartering resolution, it was authorized only to poll the members. In fact the resolution mentioned surveying "members" three times while making no mention whatsoever of going outside.

Addressing concerns for the separate survey, a spokesman for Readex, Inc., a research firm located in Stillwater, MN, confirmed that they did conduct the poll for the ARRL. He advised that his firm mailed out approximately 2000 survey kits to both ARRL members and non-members with a questionnaire similar to the one published in QST, each containing a dollar bill as incentive to respond. However, he stated that the survey was provided the ARRL's marketing department. He said that Readex, Inc., did not prepare the questionnaire.

If you are concerned about the ARRL's WRC-99 Survey and its being conducted outside the ARRL membership, its failure to address all the eight vital topics being addressed at WRC-99 and/or its perceived lack of

objectivity, send your comments to WRC-99 Planning Committee Chairman, Tod Olson, (K0TO) at k0to@arrl.org. Be sure to include a copy for your ARRL Director. If you believe that the survey should be withdrawn, say so and briefly state your reasons why.

Tell your League the officers and Directors how you feel, otherwise they may assume that either you agree with what they are doing, or that you don't care. Please, let them know.

If anyone would like a e-mail copy of a detailed discussion paper on the ARRL's WRC-99 Survey originally prepared for another venue, please e-mail me directly at <zut@cais.com>. It's length is about 32K.

73,
Tony Stalls, K4KYO
ARRL Life Member

E-Mail Addressed for ARRL Officers, Directors, and Vice Directors

"President Rodney Stafford (KB6ZV)" <kb6zv@arrl.org>,
"First Vice President Steve Mendelsohn (WA2HDF)" <wa2dhf@arrl.org>,
"Vice President Hugh Turnbull (W3ABC)" <turnbull@erols.com>,
"Vice President Joel Harrison (WB5IGF)" <wb5igf@arrl.org>,
"International Affairs Vice President Larry Price (W4RA)" <w4ra@arrl.org>,
"Executive VP/Secretary/QST Publisher David Sumner (K1ZZ)"
<dsumner@arrl.org>,
"Technical Relations Mgr. Paul Renaldo (W4RI)" <w4ri@arrl.org>,
"Legislative Affairs Manger Steve Mansfield (N1MZA)" <n1mza@arrl.org>,
"Atlantic Director Kay Cragie (WT3P)" <wt3p@arrl.org>,
"Atlantic Vice Dir. Bernie Guller (N3EFN)" <n3efn@arrl.org>,
"Central Director Ed Metzger (W9PRN)" <w9prn@arrl.org>,
"Central Vice Dir. Howard Huntington (K9KM)" <k9km@arrl.org>,
"Dakota Director Todd Olson (K0TO)" <k0to@arrl.org>,
"Dakota Vice Dir. Hans Brakob (K0HB)" <Hans Brakob
<0006364621@mcimail.com>,
"Delta Director Rick Roderick (K4UR)" <k5ur@arrl.org>,
"Delta Vice Dir. Henry LeGette (WD4Q)" <wd4q@arrl.org>,
"Great Lakes Director George Race (WB8BGY)" <wb8bgy@arrl.org>,
"Great Lakes Vice Dir. John Thernes (WM4T)" <wm4t@arrl.org>,
"Hudson Director Paul Vydareny (WB2VUK)" <wb2vuk@arrl.org>,
"Hudson Vice Dir. Richard Sandell (WK6R)" <wk6r@arrl.org>,
"Midwest Director Lew Gordon (K4VX)" <k4vx@arrl.org>,
"Midwest Vice Dir. Bruce Frahm (K0BJ)" <k0bj@arrl.org>,
"New England Director William Burden (WB1BRE)" <wb1bre@arrl.org>,
"New England Vice Dir. Warren Rothberg (WB1HBB)" <wb1hbb@arrl.org>,
"Northwest Director Mary Lou Brown (NM7N)" <nm7n@arrl.org>,
"Northwest Vice Dir. Greg Milnes (W7AGQ)" <w7agq@arrl.org>,
"Pacific Director Brad Wyatt (K6WR)" <k6wr@arrl.org>,
"Pacific Vice Dir. Jim Maxwell (W6CF)" <w6cf@arrl.org>,
"Roanoke Director John Kanode (N4MM)" <3431429@mcimail.com>,
"Roanoke Asst. Director Ethel M. Smith (K4LMB)" <ethels@worldnet.att.net>,

"Roanoke Vice Director Dennis Bodson (W4PWF)" <w4pwf@arrl.org>,
"Rocky Mountain Director Marshall Quiat (AG0X)" <ag0x@arrl.org>,
"Rocky Mountain Vice Dir. Walt Stinson (W0CP)" <w0cp@arrl.org>,
"Southeastern Director Frank M. Butler, Jr. (W4RH)" <w4rh@arrl.org>,
"Southeastern Vice Dir. Evelyn Gauzens (W4WYR)" <w4wyr@arrl.org>,
"Southwestern Director Fried Heyn (WA6WZO)" <wa6wzo@arrl.org>,
"Suthwestern Vice Dir. Art Goddard (W6XD)" <w6xd@arrl.org>,
"West Gulf Director Tom Comstock (N5TC)" <n5tc@arrl.org>,
"West Gulf Vice Dir. Jim Haynie (WB5JBP)" <wb5jbp@arrl.org>

1629. Re: AC6XC youngest Extra?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: MADJID VE2GMI <orion@odyssee.net>
Message-ID: <3220C143.3A04@odyssee.net>
Source record: 218327

Peter Coffee AC6EN wrote:
>
> So far as I can determine, AC6XC (who turns 11 next month) is the youngest
> current holder of an Extra Class license. Does anyone have any information
> to the contrary?

Samantha Sanford AA3JS maybe? She was 9 1/2 when she passed her
Extra Class licence (QST April 1995).

1630. QRZ News

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: Fred Lloyd <flloyd@qrz.com>
Message-ID: <3220BC5E.71DB@qrz.com>
Source record: 218328

QRZ is pleased to announce that our online callsign lookup
web page now includes lattitude/longitude and County information
for all US hams plus a new beam heading lookup feature.

Here's an example of the new database output:

Callsign: AA7BQ
Name: FRED L LLOYD
Addr1: POB 62807
Addr2: Colorado Springs CO 80962
Country: USA
Class: Extra
Effective: 09 Jan 1990
Expires: 09 Jan 2000
Born: 06 Dec 1953
Prev Call: KJ6RK (A)
Location: 33.602 N 111.888 W Maricopa County
Heading: 228 deg, 544 miles, 877 km
Email: aa7bq@qrz.com
Gif Image: aa7bq.gif

When you lookup callsigns and/or names, there is a new box
which you can input a zip code into. The system will then
generate a beam heading from the zip code which was entered.

In addition to our 1,000,000 callsign database, we now have the
worlds largest collection of amateur radio email addresses with
over 45,000 hams now listed. Also, we now have over 800 digital
QSL card images (.gif files) online.

Stop by and visit QRZ at:

http://www.qrz.com

--

Fred Lloyd, AA7BQ | Author, QRZ Ham Radio CDROM
flloyd@qrz.com | http://www.qrz.com

1631. Re: Could it be true? Is this possible?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: "John..Mackey..KA0SSF" <no__place@any__where.com>
Message-ID: <3220B09B.4DAD@any__where.com>
Source record: 218329
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.misc

Blake Bowers wrote:

> Ask John about how he singlehandedly tore up other HAM repeaters in
> the portland area. His post he thought was private was funny!
>
> He was apologizing, and trying to explain!

Really Blake?????????

Please, do tell, I have NO IDEA what you are talking about. How DID I "singlehandedly" tear up other ham repeaters in the Portland area??

What repeaters where these?
When did I do it?
How did I do it?

I have been involved in catching jammers in Portland. But I can not think of any time where I was apologizing & trying to explain.

I guess I am giving you the "put up or shut" routine, like I did when you said you had checked me out with a local 2 way shop about my professional career and you didn't know the name of the shop or person you talked to.

1632. Re: Cheeks (how to get rid of them)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: "John..Mackey..KA0SSF" <no__place@any__where.com>
Message-ID: <3220B1A8.656A@any__where.com>
Source record: 218330
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,alt.culture.oregon

Bill Cheek wrote:

> >But what I find strange is why you would send it to
> >"alt.culture.oregon",
> >hell I am in IOWA!!!!!!!!!!!!!!
> >
> >hahahahahahahaha, I guess I have the last here?
> >
> >hahahahahahaha
>
> Better have that last word with the right person, then. I didn't
> write that thing about your 'droids......

Well regardless of the author it is wrong & so I still have the last
laugh.

hehehehehehehehe

1633. Re: SAMS Needs Your Electronics URLs

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: jeffa@ix.netcom.com
Message-ID: <4vqiur$clr@dfw-ixnews9.ix.netcom.com>
Source record: 218331
Cross-posted to: rec.antiques.radio+phono,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.video.satellite.dbs,rec.video.satellite.europe,rec.video.satellite.misc,rec.video.satellite.tvro

In <4vqfae$2ar@shore.shore.net> pip@shore.net (GeorgeS) writes:
>
>In article <kharker-2508961147130001@slip-9-2.ots.utexas.edu>,
>kharker@cs.utexas.edu says...
>
>>Nf gb jurer vg bevtvangrq, vg'f n irel fvzcyr Pnrfne pvcure gung'f
orra nebhaq n ybat juvyr (fvapr ng yrnfg gur qnlf bs Whyvhf Pnrfne) -
lbh whfg fuvsg rirel yrggre 13 fcnprf va gur nycunorg (jenccvat nebhaq
nf arprffnel.) V'z abg pregnva jung "EBG" zrnaf be jurer vg pnzr sebz,
>>gubhtu.
>>
>
>My guess is ROT13 is short for ROTATE 13. If you imagine the alphabet
on a wheel, you would cipher the text by rotating the wheel 13 spaces
>

By goom, you're right! I did it the hard way - I noticed Ken Harker had capitalized a V in the middle of one of his sentences. I assumed this was "I" (what other single letter do we capitalize?) and translated (rotated) the alphabet accordingly. Everything fell out nicely from there.

After deciphering "If you can read this, you really ought to get out more," I decided the effort greatly outweighed the rewards!

- Jeff (wrss)

1634. IPS Daily Report - 25 August 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <4vqnp2$ljl@flare.syd.ips.oz.au>
Source record: 218332
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 25/2330Z AUGUST 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 25 AUGUST AND FORECAST FOR 26 AUGUST - 28 AUGUST

1A. SOLAR SUMMARY
Activity: Low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 75/13

GOES satellite data for 24 Aug
Daily Proton Fluence >1 MeV: 2.9E+05
Daily Proton Fluence >10 MeV: 1.7E+04
Daily Electron Fluence >2 MeV: 1.5E+06 (normal)
X-ray background: B1.2
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
26 Aug 27 Aug 28 Aug
Activity Low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 26 Aug: 76/14

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Unsettled to active

Estimated Indices : A K Observed A Index 24 Aug
Learmonth 16 3334 3333
Fredericksburg 15 12
Planetary 16 8

Observed Kp for 24 Aug: 2232 1223

2B. MAGNETIC FORECAST
Date Ap Conditions
26 Aug 18 Unsettled to active
27 Aug 20 Active
28 Aug 20 Active
COMMENT: Active levels expected next three days due to coronal
hole.

3A. GLOBAL HF PROPAGATION SUMMARY

Latitude Band
Date Low Middle High
25 Aug Normal Normal Fair
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
26 Aug Normal Fair Poor
27 Aug Normal Fair Poor
28 Aug Normal Fair Poor
COMMENT: High latitudes may experience degraded HF comms over
next three days.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
25 Aug 12

Observed Australian Regional MUFs:
near predicted monthly values at all sites. No data
after 0800 UT.

Predicted Monthly T index for August: 10

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
26 Aug 10 near predicted monthly values
27 Aug 10 near predicted monthly values
28 Aug 0 about 15% below predicted monthly values
COMMENT: Southern Region: Degraded HF comms quality is expected
for next three days, especially during local night. Depressed
conditions may be experienced on 28 August. Northern region communicators
are not expected to be significantly effected by current activity.
--
IPS Radio and Space Services | email: rwc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/rwc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/rwc/
tel: +61 2 94148300 | fax: +61 2 94148331

1635. Re: Inter-Agency Comm. lacking

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: Ron Williscroft <Ron-Williscroft@worldnet.att.net>
Message-ID: <3220EDD9.7029@worldnet.att.net>
Source record: 218333
Cross-posted to: alt.law-enforcement,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.misc

John Moran wrote:
>
> heard a crime spree unfold on the scanner yesterday (Sat 8/24) in the
> Phoenix area that seemed to show the lack of communication or difficulty
> of coordination amoung different agencies:
> (SNIP)

I agree. it's probably one of the largest problems that all response agencies face.

Here in Manitoba, Canada, alll provincial response organizations can tie into a frequency called the Universal Manitoba Emergency Frequency. This used to be an old Fire Commisioners Office frequency that was absconded with in order to ais in mutual aid response and larger multiple agency response to disasters etc.

Although the police in and around the rural town are usually the RCMP, all police agencies have access to a 'local' simplex frequency for inter-agency comms.

This system seems to work very well, with one exception. The city of Winnipeg, the largest in the province (620,000+) uses exclusively UHF system. There is concern that this poses undue stress whrn the city services are asked to respond for mutual aid. The only service in town that has access to any provincial VHF frequesncy is the ambulance service which only has access to a remote base station used commenly for notifying the city when an out of town unit is comming in for an emergency or routine transfer.

The city and the province is still trying to force a move to trunking, but in our area, this is very expensive alternative especially for the rural services. The debate has not closed on this one yet. We are trying to get them to see that moving to trunking may benefit the city services but will have a very negative impact on the rural communities, mostly in cost recovery.

If anyone has any input as to this problem, I would appreciate hearing from you. Please E-mail 'rewillis@fox.nstn.ca'

Ron Williscroft, EMR-D
Radio Operator/Instructor/Examiner
St. John Ambulance/ Pine Falls District Ambulance
Manitoba Emergency Measures Organization
Comminity Ambassador - North American Center for Emergency Communications

1636. Re: Inter-Agency Comm. lacking

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: mildbill@ix.netcom.com
Message-ID: <mildbill-2508961815220001@lbx-ca16-24.ix.netcom.com>
Source record: 218334
Cross-posted to: alt.law-enforcement,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.misc

In article <3220EDD9.7029@worldnet.att.net>, Ron Williscroft
<Ron-Williscroft@worldnet.att.net> wrote:

>The city and the province is still trying to force a move to trunking,
>but in our area, this is very expensive alternative especially for the
>rural services. The debate has not closed on this one yet. We are trying
>to get them to see that moving to trunking may benefit the city services
>but will have a very negative impact on the rural communities, mostly in
>cost recovery.
>
>If anyone has any input as to this problem, I would appreciate hearing
>from you. Please E-mail 'rewillis@fox.nstn.ca'

Have you tried a crossband repeater setup? In and out on both "sides" of
the problem. It would be assumed the usual Manitoba communications
service can be "heard" sufficiently far enough away so that most
conditions would be covered. Or for that matter a crafted plan of
multiple crossband systems that would cover the entire RF reception area.
Without knowing the topography or the coverage area it is kind of hard to
be more specific.

During the annual Baker to Las Vegas police charity run amateur radio
operators setup temporary systems that provide complete radio coverage
from downtown Las Vegas extending 150 miles into the California desert by
using a mixture of crossband repeater facilities.

1637. Re: Inter-Agency Comm. lacking

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: bbowers@townsqr.com
Message-ID: <4vr67g$mag@tofu.alt.net>
Source record: 218335
Cross-posted to: alt.law-enforcement,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.misc

d
>heard a crime spree unfold on the scanner yesterday (Sat 8/24) in the
>Phoenix area that seemed to show the lack of communication or difficulty
>of coordination amoung different agencies:

>The Fire Departments use an interagency frequency (154.28) thats used by
>all responding fire units when there is a fire involving multiple fire
>departments.
Police departments have 155.475, 460.400, and both a low band and 800
Mhz frequency already.

>This makes the case for an interagency frequency where all agencies
>involved in a chase or crime spree that goes across jurisdictions can be
>in instant contact with each other and easily share information....IN
>most cases, a dispatcher from agency A will call Agency B..Sometimes, a
>helicopter will come up on the frequency used by the other agency.

Again, NATIONWIDE, those frequencies have already been allocated, just
underused.

1638. Re: Blake causing trouble now?? was:Re: Could it be true? Is this possible?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: bbowers@townsqr.com
Message-ID: <4vr67i$mag@tofu.alt.net>
Source record: 218336
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.misc

"John..Mackey..KA0SSF" <no__place@any__where.com> wrote:

>mkortlander@monmouth.com wrote:
>> why is this spammed into rec.radio.scanner and alt.radio.scanner?
>> why can't you keep your ham problems in the ham newsgroups?
>>
>> bbowers@townsqr.com (Blake Bowers) wrote:
>> >Ask John about how he singlehandedly tore up other HAM repeaters in
>> >the portland area. His post he thought was private was funny!
>> >He was apologizing, and trying to explain!

>I don't know waht Blake is attempting to do this this.

>It appears that you are correct that Blake wants to spread
>some kind of spamming spew from ham radio newsgroups to scanning
>newsgroups.

Bull. John, this is just more of your foolish attempts to convulate
the facts.

I have not posted in the HAM radio newsgroups in months, if not a
year. I have never spammed into any of them.

I simply posted a message about a rather famous gaff you made one day
with your postings, when you posted a rather embarressing episode you
had when you tore up some repeater equipment, that you had been
accused of not being competent enough to handle.

I never made any inference otherwise, and if you take other inference,
that would be YOUR mistake.

If need be, I could post it here for all to interpet any way they
want, I kept a copy.

Rather not do that, but continue the thread with your wild
accusations, and I will.

Have a nice day, and E-Mail me if you wish. Be more than happy to
hear from you!

1639. Shelby Hamfest Info

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: Chris Bridges <n4fan@shelby.net>
Message-ID: <32212BB3.B9D@shelby.net>
Source record: 218337
Cross-posted to: rec.radio.swap,rec.radio.amateur,rec.radio.amateur.misc

http://www.rvpark.com/hamradio/shelby.htm

1640. Ohio/Penn DX Bulletin #268

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-25 00:00:00 UTC
From: kb8nw@barf80.nshore.org
Message-ID: <$opdx.268.1996@ampr.org>
Source record: 218338
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.radio.amateur.dx

SB DX @ WW $OPDX.268
Ohio/Penn DX Bulletin No. 268

The Ohio/Penn Dx PacketCluster
DX Bulletin No. 268
BID: $OPDX.268
August 26, 1996
Editor Tedd Mirgliotta, KB8NW
Provided by BARF-80 BBS Cleveland, Ohio
Online at 216-237-8208 14400/9600/2400/1200/300 8/N/1

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, WB4ZNH, N5OGP, NL7TB, W7KCN, 5X1T/ON6TT, DF4RD, DL9GOA & the DX News Letter, EA6BH, G4BUE & the DX News Sheet, LU1DZ, PY7AB, and Franz Heinz following DX information.

3C1, EQUATORIAL GUINEA. Teo, EA6BH, announced he will be active from Cogo, October 16-22nd, as 3C1DX. His suggested frequencies are: CW - 3005, 7005, 14005, 21005 and 28005 kHz; SSB - 80/40 meters unknown at this time, 14195, 21195 and 28495 kHz. He stated that he will try to be active on the WARC bands, and if he has time he will operate RTTY on 14088 kHz. QSL via EA6BH.

5X, UGANDA. Peter, 5X1T, has been barely active as his family was on visit during July and August. Beginning September 7th, Peter will be back on the air full speed. 9U5CW is shipping Peter's low band vertical back, so we can expect 5X on 80 and 160 meters again. Peter is leaving Uganda on December 1st for 3 months for the Heard Island expedition.

8Q, MALDIVES. Andy, G4VPM, will be here September 8-22th and will be active as 8Q7AS. His station operations will be limited to QRP only with an Argonaut 535 and R7 antenna. QSL to CBA.

9M6, EAST MALAYSIA. The DXNS reports Saty, JE1JKL, has a contest shack on Labuan Island where he is regularly active as 9M6NA. He plans to be active in the CQWW CW Contest 80 meters (November 23-24th).
QSL to CBA.

9U, BURUNDI. Alfredo, 9U5CW, has informed Peter, 5X1T/ON6TT, that due to security precautions, he decided to temporarily suspend his ham activity. The situation in Burundi after the coup and during the economic embargo is not clear and far from safe. Alfredo sends his regards to all.

D2, ANGOLA. Birgitta, SM0FIB, now active as D2FIB will continue to be active until September 13th. This YL can also be found daily on 20/15 meters SSB. Check 21226 kHz around 1245z and 14252 or 14265 kHz starting around 1915z. It has also been reported that she checks into the YL net on 14243kHz at 1700z Thursdays and is active most evenings at 1900z on 14295kHz looking for SM stations. QSL to CBA.

E3, ERITREA. Many have been waiting and wondering why an operation has not taken place from here. Carl Henson, WB4ZNH, who had the first valid operation from E3, informed everyone this week: "I travelled to Eritrea last October assuming I would have no trouble operating there. Bad move. Even though Martha and I were the first to operate from Eritrea after the revolution, we were denied permission. The official reason was that Eritrea is in the process of creating new Amateur Radio Rules. At that time, the head of the Dept. was in Norway, studying Norway's Amateur Radio Rules. I phone Asmara day before yesterday (August 20th) and received the same answer as nearly a year ago."

LU6Z SOUTH ORKNEY QSL NEWS. Alberto, LU1DZ. states: "As you know, during the last Antartic summer two operators from our Argentine CW Group, Hector, LU6UO, and Ernie, LU1ZPF, made more than 23,000 QSOs mainly in CW from the South Orkney Island." You can read the complete story with some photos in the last "The DX Magazine" issue published in USA by VP2ML. Raul, LU6EF is the QSL Manager and he has sent more than 500 direct and bureau QSLs. You can use the InterNet address "URANITO@IMPSAT1.COM.AR" to inquire about some problems in receiving your QSL cards for all GACW DXpeditions and DX operations as follows:
1979 - LU7X Staten Island
1982 - L8DX Staten Island
1983 - LU3ZI South Shetland Island
All operations of LU6UO/Z, and LU5EVB/Z from South Atlantic and Antartic Islands.
The QSL Manager and GACW address is: GACW, Box 9, 1875 - Wilde, Buenos Aires, Argentina.

SPECIAL EVENT. The ADXB-OE radio club, a member in the AGDX, will be active on HF and VHF with the special callsign OEM1XBC from Friday, September 13th, 0800z until Saturday, September 14th, 2000z. Suggested frequencies are: SSB - 28520, 21220, 14220, 7060 and 3770 Khz or CW - 20 kHz at the beginning of the bands. The organizer of this event is Wolfgang Heinz, OE1WEU. The use of this special prefix M stands for "MILLENIUM", which means the 1000 year anniversary of Austria. QSL route for a special QSL: ADXB-OE, P.O.Box 1000, A-1081 Vienna, Austria; or to the organizer CBA.

USI ALERTS AND NEWS! Results and story of the NL7TB Barren Island (AK) DXpedition can be found on the World-Wide WEB: http//ww.owt.com/usislands/ and click on "USI other". Those who have begun chasing USIs, here are a few stations that will be active:

The Sonoma County ARC will activate Alcatraz Island (CA-new) on September 29th (no times or callsign was given). OPDX will try to keep you updated on this operation.

Look for Ken, KF8BC, from Island Park (OH-new) August 31st around 1200z. Ken will be on 14.260 kHz +/-.

Look for Pat, N0NYG, from Credit Island (IA-001R) on Monday, August 26th, starting around 1900z. QSL w/SASE to N0NYG.

Look for John, NL7TB/m, from Clover Island (WA-52R) August 31st, starting at 1700z.

VS9AJM QSL CARDS. If you have been waiting 16 years for this QSL card here is a chance to receive one. John, W7KCN, has obtained the QSLs and the tattered, water-logged record of QSOs for VS9AJM. An interesting story about this operation can be found in "The DX Magazine" March/April 1996 issue.

W4D (SPECIAL EVENT STATION). W4D will be activated October 1st, from Walt Disney Magic Kingdom Park (Florida) to celebrate the 25th anniversary of the park. This will be the first amateur radio station to be active from the park. Activity will be on CW (40 and 15 meters) and on SSB (80 and 20 meters). QSL via KD4FQT.

ZG2, GIBRALTAR. The DXNL reports that once again the prefix ZG2 may be used in Gibraltar this year from September 3-10th. Reason for this special prefix is to celebrate a national holiday in ZB2-land.

ZV2, COMPRIDA ISLAND (BRAZIL). This Brazilian Island has an IOTA of SA-024 (or Diploma Ilhas Brasileiras Award, DIB-21) and is located in the Sao Paulo State West Group. A DXpedition will take place here October 24-27th. A special callsign will be used, ZV2EPA. Look for activity on the IOTA frequencies. QSL via PY2YW (CBA) or bureau.

ZV5, SAO FRANCISCO ISLAND (BRAZIL). By the time you read this, ZV5AVM (CW) and PR5L (SSB) will be active until September 1st. This island has an IOTA of SA-027 and is located in the Santa Catarina Island Group. Suggested frequencies are: SSB - 3760, 7060, 14260, 21260, 28460 kHz and CW 3510, 7010, 14010, 21010 and 28010 kHz. QSL via PP5LL.

1996 OKLAHOMA DX ASSOCIATION DX BANQUET. The Oklahoma DX Association announces its 1996 DX Banquet featuring presentations by globe-trotting DXpeditioner Vince Thompson, K5VT, and Bill Kennamer, K5FUV, Manager of the ARRL's DXCC Program. Vince will present a color slide collage of his most recent operations and Bill will discuss the DXCC Program of the future. This year's event will take place on Saturday, November 9, 1996, at the River Oaks Golf Club, located just east of Edmond, OK (2 miles east of Interstate 35 on Hefner Road, between Sooner Rd. and Air Depot Rd.). For the latest banquet details check out OKDXA WWW site at http://www.pcok.com/~n5ogp/okdxa/ ADDED NOTE: The complete announcement will be sent to all OPDX InterNet subscribers as an extra bulletin.

-=-
OPDX INTERNET SUBSCRIBE/UNSUBSCRIBE REQUEST: opdx-request@nshore.org
OPDX WORLD-WIDE WEB HOME (provided by John, K8YSE):
http://www.en.com/users/k8yse/opdx.html
-=-

Excerpts and distribution of The OPDX Bulletin are granted as long as KB8NW/OPDX/BARF80 receive credit. To contribute DX info, call BARF-80 BBS online at 216-237-8208 14400/9600/2400/1200/300 and leave a message with the Sysop or send InterNet Mail to one of the two following addresses: kb8nw@barf80.nshore.org -or- aq474@cleveland.freenet.edu
- OR - Send a message via packet to KB8NW @ WA8BXN.OH.USA.NA
- OR - Use the VOICE or FAX answering machine at 216-237-8208 which shares the same phone line as BARF-80 BBS using a data/fax/phone switch. To access: 1) Dial Number. 2) Wait for first ring (the second ring should be a false ring from the fax/data switch box) and then dial four quick ones ("1111"). (NOTE: Some FAX machines that send single "BEEPS" every second will not have to do this step.) 3) The phone will pick up and after the "BEEP" leave your voice message or FAX.

/EXIT

Tedd Mirgliotta KB8NW
InterNet: kb8nw@barf80.nshore.org
Basic Amateur Radio Frequency BBS (BARF-80) +1 216/237-8208
"Totally devoted to Amateur Radio" - 24 Hrs a day 8/N/1 14.4k-300 baud

1641. Hog Mobile -- any hams doing it? (not a Joke).

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: Joe Fitter BV/N0IAT <FITR%mimi@magic.itg.ti.com>
Message-ID: <3222659E.4F9F@magic.itg.ti.com>
Source record: 218204
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

Interested in contacting Harley Davidson owners who
have successfully installed HF on their HOG.
Interested to learn your antenna / HF configurations.
Also interested in any motorcycle mobile HF nets.

No..this is not April Fools. Am truly curious.
thanks,
Joe

(1973 Sportster in storage....)

Amateur Radio: BV/N0IAT Taipei TAIWAN Republic of China
http://www.isite.net.tw/bv1al/e-hist.htm
ex. 7J1AOF (Japan) YU3/N0IAT (Slovenia) KA0ZDH (Novice)
Licensed Radio Amateur since 1986. Comments are mine only.

1642. Re: HTG (Some PBBS SYSOPS)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: sscherme@capecod.net
Message-ID: <4vs545$7ja@dublin.bitwise.net>
Source record: 218205

n5ejs@linknet.net (Russ) wrote:

>Burt Fisher <k1oik@ccsnet.com> wrote:

>:>It appears Mr. Wolfe also is in violation of FCC rules as his address
>:>does not correspond with where he is SYSOPing.

>:>AA0NN WOLFE, JOHN R LIC ISU 4-MAY-1995
>:>EXTRA 6402 HAMPTON DR LIC EXP 22-MAR-2004
>:>DOB 31-JUL-1962 ANCHORAGE AK 99504 LST UPD 4-MAY-1995

>:>Burt

>Since you make it a point of going, shall we say, "Toe to Toe",
>"Keyboard to Keyboard" [or whatever you would call it] with many Hams
>Burt, seems that you already know that it is only required that the
>FCC be able to contact you should they wish. I don't have the book in
>front of me but it seems if a person has changed addresses but left a
>forwarding address they can be reached through, this meets the
>criteria as I believe the USPS will forward any government business to

>it.

>And if I'm not mistaken, you can find out if he has left a forwarding
>address on file at the old postal address and it only costs 1 dollar.
>But they can only give you the unexpired address. Surely there are a
>few USPS people out there that can confirm it in this group for you if
>you really would like to know. After you have the info and confirm
>that there was no forwarding address left then your statement would be
>correct, would it not?

>de N5EJS
>Russ in LA.

It would only cost 32¢ to find out if there was forwarding in effect.
Send a letter and if it comesw back, you know forwarding is NOT in
effect.
73

Skid Schermerhorn http://www.capecod.net/~sscherme
Cape Cod, Massachusetts http://www.capecod.net/~sscherme/bookmark.htm
USA http://www.capecod.net/~sscherme/church.htm

1643. Re: Did the Family Radio Service die?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: timh@xetron.com
Message-ID: <Dwqv4F.70D@xetron.com>
Source record: 218206

It would appear that the GMRS repeater would have some problems then.
If a low power FRS xmitter (462...), 1/2 mile from a site and 5MHZ removed
from the input of a repeater (467...) could cause problems then the BPBR cans
of the repeater either aren't tuned correctly, or don't have enough rejection.
There may also be signal leakage from poor connections. Anyway, if the low
power xmitter, 5MHz removed, can cause problems to the repeater, then the
repeater is probably faulty.

>
>BABY MONITORS - yep, continuous transmission FRS baby monitors are what
>Tandy has in store for the FRS. Imaging one of these set up within a
>half-mile of existing GMRS repeater sites - only 1/2 channel away from
>our inputs.

--
Timothy W. Huster
http://www.xetron.com/~timh timh@xetron.com
kb8bnk@kc8tw.#cin.oh.usa.na
"...and Dad! I like Putt-Putt! I got a One on that Hole!" Andrew H. age 4

1644. Re: SAMS Needs Your Electronics URLs

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: greggIns@ix.netcom.com
Message-ID: <3221a646.2641092@dfw-ixnews10.ix.netcom.com>
Source record: 218207
Cross-posted to: rec.antiques.radio+phono,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.video.satellite.dbs,rec.video.satellite.europe,rec.video.satellite.misc,rec.video.satellite.tvro

On 26 Aug 1996 04:13:51 GMT, Jim Christensen posted:

>Gurer vf nabgure ernyyl rnfl jnl gb qrpvcure guvf. Vs lbh ner hfvat Jvaivz nf n
>arjf ernqre, nyy lbh unir gb qb vf uvg PGEY. E naq vg punatrf gur grkg evtug
>orsber lbhe irel ryes.

Same with Agent. Highlight the ROT text, do control-R, naq gurer lbh
tb.

--
... Gregg

1645. Re: Anonymous poster caught: J. Mackey (was: Re: CB repeaters)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <4vrjrg$480@news.Hawaii.Edu>
Source record: 218208
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <321B76F2.3008@any-where.com>,
John--Mackey--KA0SSF <no--place@any-where.com> wrote:
>Jeffrey Herman wrote:

>> That particular post came from onyx.indstate.edu with the Organization
>> line reading "Myself & I-2." Your current "I own the Portland .435
>> repeater" came from biosys.apldbio.com with the Organization line also
>> reading "Myself & I-2." Both articles contain the address
>> suprise2@where2.edu, only this time you were actually dumb enough
>> to sign your name and callsign.

>HOORAY!!! you figured out that it was me!!!!! Gee, that was REAL TOUGH
>since I ALWAYS sign my name & call to my messages.

I've got about 10 of your posts from .misc with no name nor callsign. That
includes the rather filty one you sent regarding Burt:

>Yea, I sent the message to Burt (K1OIK) calling him "dumb". He IS dumb.

You also anonymously called him a P**** and even included F***. No name,
no call, and a phoney address.

>I never denied it was me or even TRIED to hide it. You are a fool.

Oh, you just conveniently "forgot" to sign it and provide a valid address.
Why don't you just use anon.penet.fi to remove all possible clues as to
your identity and address?

>Go away

You're the equivalent of a rptr jammer, John. And you didn't even sign
the post you just sent!

Jeff KH2PZ

1646. Re: HELP w/ SSB Antenna

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: Mark Brown <kb0pyo@starpoint.net>
Message-ID: <3221CC37.7D54@starpoint.net>
Source record: 218209

Mike Snowden wrote:
>
> I have two cushcraft 13B2 yagi antenna which I will phase together using
> the factory kit. I have been trying to find out which will be the most
> effective way of mounting the pair. Since I will use them for SSB work,
> I know they must be horizontally polarized. The big question is what is
> the best way to stack them??? Side by side or top and bottom. The books
> do not seem to clear. What will the different effects be for each type of
> mounting? I could really use some help on this. Thanks, Mike K6YPB
>
> mikes@fishnet.netHi Mike
If you stack then one on top of the other your pattern from side to
side will stay the same & from top to bottom will be narrower. If you
stack them side by side on a non conductive cross boom your azimuth
pattern will be narrower & your elevation pattern will stay the same.
Mark

1647. Re: HELP w/ SSB Antenna

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: Mark Brown <kb0pyo@starpoint.net>
Message-ID: <3221CCE2.2DE1@starpoint.net>
Source record: 218210

Bill Nelson wrote:
>
> Mike Snowden (Pmikes@fishnet.net) wrote:
> : I have two cushcraft 13B2 yagi antenna which I will phase together using
> : the factory kit. I have been trying to find out which will be the most
> : effective way of mounting the pair. Since I will use them for SSB work,
> : I know they must be horizontally polarized. The big question is what is
> : the best way to stack them??? Side by side or top and bottom. The books
> : do not seem to clear. What will the different effects be for each type of
> : mounting? I could really use some help on this. Thanks, Mike K6YPB
>
> There is no requirement that antennas be horizontally polarized, for SSB
> or any other mode.
>
> The advantage of horizontal polarization is that the majority of manmade
> noise is vertically polarized, so the added isolation helps. However, when
> it comes to DX, the polarization can change completely - so it is a pot
> shot.
>
> If you stack them vertically, then the vertical beam width will be
> narrowed. Stack them horizontally, and the horizontal beam width will
> be narrowed.
>
> The above assume that the antennas are spaced properly, and fed with the
> proper lengths of phasing line.
>
> BillPS to my other post- horizontal is the only way to go if you are going to
work anyone nearby, especially out to the 100-200 mile range. Cross
polarization losses can be as high as 18db.
Mark

1648. Re: 1,000,000 qsl cards thrown away per year

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: grhosler@mmm.com
Message-ID: <4vse0c$6g@dawn.mmm.com>
Source record: 218211
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

jim.wagner@ibm.net (Jim Wagner) wrote:

>--snip---
>>
>>The fact that you don't collect the QSL's is no reason not to confirm
>>a QSO as long as the other station will at a minimum generate a card
>>with the QSO information, and provide a return envelope with the
>>necessary postage in the form of IRC's or greenstamps. All you have
>>to do is sign the card to confirrm the QSO. You simply need to inform
>>the other station of your requirements. Not to much to ask! IF they
>>don't provide the above after you have informed them,....then they
>>don't deserve the card. The QSL is the final courtesy.
>>
>> 73 de KN0Z Gary

>Not sure I've followed the main idea of this thread or not.

>Is the problem that hams participating in exchanging QSL cards are
>not following through or that unsolicited QSL cards are unclaimed at
>a QSL bureau?

------------SNIP-----------

>If the subject comes up at all during a QSO (and it doesn't very often), I
>just tell the other ham I don't have any cards and don't trade 'em. Since
>we are usually rag chewing and clearly aren't hunting paper it's never
>been a problem.

------------SNIP-----------

>If others want to chase paper certificates or exchange QSL cards, I'm
>all for it. Ham radio has room for all kinds of activities. But seems to
>be an unfortunate tendency in this hobby to berate those who don't
>share a particular view of what "should be" or participate in someone's
>favorite activity.

>73 de Jim, N4SVZ

You apparently didn't read my post very carefully Jim. I fail to see
where I berated anyone! I simply pointed out that if you make it
clear to the other station that you don't have QSL's, they should be
prepared to make up a QSL with the pertinate QSO information if for
some reason they need to confirm the QSO. This should be mailed with
an addressed return envelope and postage. All you have to do is sign
the QSL to confirm the QSO. Can't believe this is asking to much.
Like I said, the QSL is the final courtesy.

73 de KN0Z Gary

Opinions expressed herein are my own and may not represent those of my employer.

1649. Ton O' Radios Special Event

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: eldridge@cax.ES.xerox.COM
Message-ID: <3221BAD5.27F6@cax.es.xerox.com>
Source record: 218212

```
--MIME Multi-part separator
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The Xerox Amateur Radio (XAR) club WD6CZH will be running the "Ton O'
Radios" special event station this weekend. Our goal is to work over
2,000 pounds of radios. The exchange is your callsign and the weight of
the transmitter and receiver (or transceiver) used to make the contact.

Time: 1600-2400 UTC
Date: 31-Aug-96
Freq: General portions of the 40M, 20M, and 15M bands
Novice portion of 10M band
WD6CZH repeater (near LAX) 449.325- 114.8PL

For a certificate, send a 9x12 inch SASE to XAR, 6940 Bacarro St., Long
Beach, CA 90815-4805
--MIME Multi-part separator--
```

1650. Re: Signal Analyser for I.D.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: Dave Maciorowski <wa1jhk@ix.netcom.com>
Message-ID: <3221BDCE.1B3D@ix.netcom.com>
Source record: 218213

Frank Sved wrote:
>
> I've heard that there are devices on the market that will analyse a signal
> generated by a transceiver and be able to distinguish it from others on a
> recheck.
>
> Has anyone else heard of these, and if so, do they work well? Do they
> track the oscillator? How do they work?

Motron that makes one. Visit them at http://www.motron.com/

Dave Maciorowski, WA1JHK
Colorado Repeater Association, Inc.
Serving Colorado with Voice and Data, 6-Meters to 1.2 Gig

Internet: wa1jhk@ix.netcom.com or wa1jhk@amsat.org
CRA: http://www.rmsd.com/hamradio/cra/

1651. *** Announce: Website Face Lift ***

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: scollin@sapphire.win-uk.net
Message-ID: <407@sapphire.win-uk.net>
Source record: 218214

Dear All

I have just finished a major programme of refurbishment work to my website which greatly improves the appearance and will help you navigate round the 120+ pages.

http://www.ibmpcug.co.uk/~g4sgi/

Subjects include:

SWL working aids covering: Foreign Language Recognition, Propagation, Bandplan, Modulation. MS-Windows help file version available for download.

Demo of FREE PC-MONITOR DOS software for the FRG8800 and FRG9600

Information and demo of MUFsight MS-Windows propagation predicition software implementing the MINIMUF algorithm

Information and demo of MS-Windows control software for the Yaesu FRG-100 and Icom R-7100

Information and demos of leading AOR control software (including details of forthcoming Data Master software for the AR7030/AR3030)

Loads of links to Broadcast stations, radio dealers, personal pages and other www resources on the Internet

Feel free to take a look and let me know what you think.

Simon

--
Simon Collings, G4SGI
Radio Communications Consultant
http://www.ibmpcug.co.uk/~g4sgi/

1652. Re: Did the Family Radio Service die?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: n7ory@primenet.com
Message-ID: <4vsi51$pda@nnrp1.news.primenet.com>
Source record: 218215

timh@xetron.com (Tim Huster) wrote:

>It would appear that the GMRS repeater would have some problems then.
>If a low power FRS xmitter (462...), 1/2 mile from a site and 5MHZ removed
>from the input of a repeater (467...) could cause problems then the BPBR cans
>of the repeater either aren't tuned correctly, or don't have enough rejection.
>There may also be signal leakage from poor connections. Anyway, if the low
>power xmitter, 5MHz removed, can cause problems to the repeater, then the
>repeater is probably faulty.

The FRS also has 7 channels in the 467 MHz range. But even knowing
this, should they have interference problems, it would appear that the
repeater needs a bit of work.

>>
>>BABY MONITORS - yep, continuous transmission FRS baby monitors are what
>>Tandy has in store for the FRS. Imaging one of these set up within a
>>half-mile of existing GMRS repeater sites - only 1/2 channel away from
>>our inputs.

(Reply to original poster, not Tim)

Get real. I just got my 1997 RS catalog. It has an FRS radio mabe by
Motorola for $179.99 on page 58. Besides that, it would be an illegal
mode of operation. One-way traffic is for voice paging or calling, not
for monitoring. I'm sure a device like that would never pass
type-certification for FRS. All baby monitors in the new RS catalog
are all 49MHz. Where in the hell are you getting your information?

Rob Neff (N7ORY)

1653. Re: QRZ News

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: Gary Watts <gwatts@qni.com>
Message-ID: <Pine.GSO.3.95.960826110641.13785D-100000@qni.com>
Source record: 218216

Fred,
I just wanted to say THANKS YOU for the GREAT service and web site your
company has provided !

Thanks

Gary Watts de N0OXV
KAnsas City Mo
81 GL1100I

On Sun, 25 Aug 1996, Fred Lloyd wrote:

> QRZ is pleased to announce that our online callsign lookup
> web page now includes lattitude/longitude and County information
> for all US hams plus a new beam heading lookup feature.
>
> Here's an example of the new database output:
>
> Callsign: AA7BQ
> Name: FRED L LLOYD
> Addr1: POB 62807
> Addr2: Colorado Springs CO 80962
> Country: USA
> Class: Extra
> Effective: 09 Jan 1990
> Expires: 09 Jan 2000
> Born: 06 Dec 1953
> Prev Call: KJ6RK (A)
> Location: 33.602 N 111.888 W Maricopa County
> Heading: 228 deg, 544 miles, 877 km
> Email: aa7bq@qrz.com
> Gif Image: aa7bq.gif
>
> When you lookup callsigns and/or names, there is a new box
> which you can input a zip code into. The system will then
> generate a beam heading from the zip code which was entered.
>
>
> In addition to our 1,000,000 callsign database, we now have the
> worlds largest collection of amateur radio email addresses with
> over 45,000 hams now listed. Also, we now have over 800 digital
> QSL card images (.gif files) online.
>
> Stop by and visit QRZ at:
>

> http://www.qrz.com
>
>
> --
> ---
> Fred Lloyd, AA7BQ | Author, QRZ Ham Radio CDROM
> flloyd@qrz.com | http://www.qrz.com
> ---
>
>
.

.

1654. Re: Hog Mobile -- any hams doing it? (not a Joke).

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: Gary Watts <gwatts@qni.com>
Message-ID: <Pine.GSO.3.95.960826111921.13785E-100000@qni.com>
Source record: 218217
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

I would think the Noise and vibbbrrattion would kill the radio ! :-)

I do VHF on my little wingger

Gary Watts de N0OXV
Kansas City Mo
81 GL1100I <Goldwing> :-)

On Mon, 26 Aug 1996, Joe Fitter BV/N0IAT wrote:

> Interested in contacting Harley Davidson owners who
> have successfully installed HF on their HOG.
> Interested to learn your antenna / HF configurations.
> Also interested in any motorcycle mobile HF nets.
>
> No..this is not April Fools. Am truly curious.
> thanks,
> Joe
>
> (1973 Sportster in storage....)
> --
> Amateur Radio: BV/N0IAT Taipei TAIWAN Republic of China
> http://www.isite.net.tw/bv1al/e-hist.htm
> ex. 7J1AOF (Japan) YU3/N0IAT (Slovenia) KA0ZDH (Novice)
> Licensed Radio Amateur since 1986. Comments are mine only.
> --
>
>

1655. Kenwood TS-440 antenna tuner

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: sbertsch@x1.us.ohio-state.edu
Message-ID: <4vskdt$i0i@charm.magnus.acs.ohio-state.edu>
Source record: 218218
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I've had a TS-440S/AT (bought used) for about a month now, and I just noticed the antenna tuner can't find a match at 25.500.00 MHz or above, even into a 50 ohm dummy load. Relays click, motors whir, but the SWR never gets below about 2:1, so the thing just keeps trying until I turn it off. At 25.499.99 and below, it finds a match.

Anyone have any idea what's going on here?

Thanks,
Steve N8KWV

1656. Re: Hog Mobile -- any hams doing it? (not a Joke).

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: Cecil Moore <cmoore@sedona.intel.com>
Message-ID: <3221D0C8.75FF@sedona.intel.com>
Source record: 218219
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

> On Mon, 26 Aug 1996, Joe Fitter BV/N0IAT wrote:
>
> > Interested in contacting Harley Davidson owners who
> > have successfully installed HF on their HOG.

I've run 2m on my Harley and I can tell you VOX doesn't work
although everyone agreed that the sound of a Harley engine
coming over the repeater is pretty neat. :-)

73, Cecil, W6RCA, OOTC (not speaking for my employer)

1657. Re: Hog Mobile -- any hams doing it? (not a Joke).

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1Dwr7A3.6MJ@netcom.com>
Source record: 218220
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

In article <3222659E.4F9F@magic.itg.ti.com>,
Joe Fitter BV/N0IAT <FITR%mimi@magic.itg.ti.com> wrote:
>Interested in contacting Harley Davidson owners who
>have successfully installed HF on their HOG.
>Interested to learn your antenna / HF configurations.
>Also interested in any motorcycle mobile HF nets.
>
>No..this is not April Fools. Am truly curious.
>thanks,

I don't think the state of the art of noise cancellation mics
has made this possible yet. :-)

1658. Re: Whatever happened to AC-SSB ??

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: Charles Hoffman <choffman@pelican.davlin.net>
Message-ID: <3221DEF6.15F8@pelican.davlin.net>
Source record: 218221
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

mikemiller@dsm1.dsmnet.com wrote:
>
> In article <4h1tmr$n7p@crchh327.rich.bnr.ca>, cnc23a@b4pph13e.bnr.ca (Ken Edwards)
writes:
> >
> >A few years ago ther was alot of talk about Amplitude Compandored Single-Side
> >Band communications.
> >
> >Haven't heard much about it lately.
> >
> >Any pointers on info ?
> >
> >--
> >===
> >
> >Ken M. Edwards, PE Nortel, Research Triangle Park, NC
> >(919) 905-4769 email: cnc23a@bnr.ca
> >
> >All opinions are my own and do not necessarily reflect the views of
> >my employer or co-workers, family, friends, congress, or president.
> I believe that United Parcel Service commissioned some techies in the
> Seattle area to try some prototype radios on 220Mhz using ACSSB, but
> the project failed for some techical reason (range?, quality and
> reliability of comms?, etc.) They went to SMR trunked radio I believe.
> Haven't heard any more about it - haven't seen any commercial radio magazines.
> Time to go to altavista for gory details.
>
> Mike N0JAS Des Moines, IA

Amplitude Compandered Single Sideband (ACSS) received considerable
experimental status about 1976-7 when the topic made two covers of QST.
I still have some of the original equipment. It was promoted in the
amateur radio community primarily as a spectrum-saving new mode. A
better presentation would have been as a mode with a 12-15 db better
signal to noise improvement. Our amateur radio community might have
perked up a bit more. So, it sort of faded after the experiments.

But Tom Lott, of Hong Kong (?), who wrote the original algorithems and
base-band conversion circuits became disenchanted with the amateur radio
experimental scene, I gathered, and sold the concept to the Chinese
government to use as their government radio system. I lost track of Tom
after that.

Also, about that time E. F. Johnson acquired some rights to produce a radio that their marketing department decided to dub amplitude compandered single sideband and introduced a new concept for business band VHF radio, using repeaters (or translators). They were advertised on the basis of a system that would double the range of existing FM repeater systems using the same frequency and tower height. Again, another marketing fault.

When the system would not talk any farther than regular FM, albeit with a better signal to noise radio at the radio horizion, the system flopped big time.

So it appeared that a new technology, a really desirable technical radio communications mode using digital technology failed due to non technical reasons. It happens; no doubt you can think of other technical systems that were displaced or never got off the ground due to non technical reasons.

My recollection may not be entirely complete and perhaps someone else closer to the manufacturing or engineering aspects of the mode could contribute some interesting comments. This is a wheel that does not need to be reinvented, just pulled out of the barn and dusted off! One of the technical problems in 1977 was the lack of digital LSIC that were able to survive the r.f. environment and avoid RFI.

73 K5SBU

1659. Re: $$Money4U$$

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: "Brian D. McKinley, Ph.D." <bdmck@epix.net>
Message-ID: <32220AE9.219@epix.net>
Source record: 218222
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner

Dear Sir,

In reply to your recent post to a Amateur Radio News group. A couple of notes:

1. Pyramid games are quite illegal. Always have been, always will be. You should be investigated. Your internet privlidges should be permanently revoked, and you buns should rot in jail for the next 8-15 years.

THE INTERNET is not some new vehicle for tired old cons. We wjo use the internet and don't want to see it regulated worry about "holes" like you.

2. No one who reads these groups accept those named "illegal activities" care about your con and wish you would stop wasting space. If you were proud of what you were doing, your NAME would appear in the header instead of some insane name like "MoneyMan"

3. Scum like you are the lowest form of predator in the world, you and all the pedophiles of the world should be the victims of WW III.

Sincerely,

Brian D. McKinley, Ph.D.
56 Church Street
Kingston, PA 18704

bdmck@epix.net

MoneyMan wrote:
>
> NO - NOT AT A CASINO - RIGHT HERE ON THE INTERNET!
>
> Taking 5 minutes to read this text may be one of the best decisions you
> ever made.
>
> My name is not important. What is important is what happened to me.

Deleted out of fairness to the readers

> STEP 1. Write your name and address on 5 separate pieces of paper with
> the words "PLEASE ADD ME TO YOUR MAILING LIST". Fold a $1 note or money
> order or bank draft in each of the pieces of paper and mail them to the
> following five addresses:

MORE DRIBBLE

> You are now in the Mail Order Investment Business and you will start
> receiving $1 returns by mail within a week or two. The more news groups
> you post to, the bigger your return will be. You may want to rent a
> Post Office Box to handle the volume of mail you are likely to receive.

So the authorities can't find you????

1660. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: jwkelley@e4e.oac.uci.edu
Message-ID: <4vspuu$go5@news.service.uci.edu>
Source record: 218223
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <Pine.BSI.3.93.960825155705.21052A-100000@cais3.cais.com>,
<zut@cais.com> wrote:

>In addition, most of the questions are phrased in a manner that have been
>heavily criticized as being prejudicial and biased toward supporting
>eliminating the international HF Morse code requirement.

But after reading the questions one is left wondering how such criticism
would have any merit. I would say the authors of the survey had been
paying attention, and were able to very suscinctly state the issues.
They allow the respondent to either agree or disagree with statements
such as the following"

"The Morse code is still important because it helps amateurs to
communicate across language barriers".

"The Morse code requirement helps ensure that radio amateurs are
disciplined operators."

"For the forseeable future, it is important to retain the Morse code
requirement in the international regulations."

"On Februrary 14, 1991, the FCC eliminated the Morse code requirement for
a Technician license for operation above 30 MHz. What is your opinion of
this change?" [rate poor to excellent]

"If Morse code requirements for HF privileges were to be reduced or
eliminated, would you favor adding something to the examinations to take
their place?"

"In your opinion, should Morse code ability be a factor in earning
privileges to use modes other than Morse code?"

The only thing that is obvious from the survey Tony, is that if support
exists for reducing or eliminating the code requirement, the ARRL
needs to know how the membership feels the change should be implimented.
It is most expediant and prudent to deal with these issues in the same
survey. The ARRL is asking the tough questions here Tony. They strike
right to the roots of the debate going on here in rrap. I believe they
are worded fairly - and I think we'll know from the results, how the
respondents feel about the issue.

By the way, it appears that everyone may participate in this survey. The
only people I know of who have received the "random" survey so far, are CW
operators - truth. The results in such a case would certainly be slanted.

Perhaps you wouldn't mind citing some examples of how the ARRL survey in Sept. QST is slanted against code?

73, Jim AC6XG (formerly KE6JPO)

1661. Re: CORRECTION - FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: Cecil Moore <cmoore@sedona.intel.com>
Message-ID: <3221EACB.308@sedona.intel.com>
Source record: 218224
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.antenna

Fred McKenzie wrote:
> What I'm leading up to, is that the FCC might accomplish more, if they
> were to perform the math (or make the measurements) for common situations,
> and publish examples where harm might occur.

Hi Fred, according to Ed Hare on "Ham Radio and Moore" :-) either the
FCC or ARRL will be publishing a worksheet/checklist that will take about
an hour to do, and will show whether one is safe, unsafe, or borderline.

73, Cecil, W6RCA, OOTC (not speaking for my employer)

1662. Re: Gate 11 information

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: levine@mc.com
Message-ID: <4vsqr9$2qi@newsy.mc.com>
Source record: 218225

In article <4vahtp$3k3@emf.emf.net>, randyk@emf.net (Randolph Kielich) writes:
--> I just called the F.C.C. information line re: Gate 11 information.
-->I was told they have no information on it from the commission at this time.
-->
--> They normally get a 4 week advance notice of a gate that is to open
-->and told me to call back in early Sept. I was also told that a personal
-->check is just fine; however, oddly enough a credit card number will slow
-->your application down.

Wow, you want Gate 11 info. Most of us are still waiting for Gate 2.

--
/**
* Bob Levine *
* KD1GG/KB1BRM/VK2GYN/7J1AIS *
* Manager of Application Engineering *
* Mercury Computer Systems *
* --*
* Opinions expressed in this message are my own personal opinions *
* --*
* Personal Web Page http://www.ultranet.com/~bob/ *
**/

1663. Re: LCD display

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: sxi@indirect.com
Message-ID: <4vsqb1$4nt@globe.indirect.com>
Source record: 218226

Torpor@fnal.gov (Lester Wahl) wrote:

> I have a Uniden scanner with an LCD display. If the unit is
>mounted under the dashboard, the display can be read easily.
>But if the scanner is mounted overhead (as in my van), the
>display is impossible to read. The LCD digits seem to fade out
>when the radio is above the observer. (I'm making an assumption
>that the manufacturer intended under-the-dash mounting.)
> Is there an easy fix for this?

Hi,
as far as LCD modules go, they require a contrast control to adjust
for the angle of view. I can't be much help for your scanner other
than point you in this direction. Inside the unit will either be a VR
(Variable Risistor) or a fixed resistor(Probably surface mount) that
sets the contrast. You could retrofit a Potentiometer for external
contrast control or change the fixed setting. If you could get a
sqematic of the radio you should be able to determine the components.

Good Luck

<><><><><><><><><><><><><><><><><><><><><><><><><><><><>
Roger Eastman sxi@indirect.com
http://www.indirect.com/www/sxi/rogers.htm
<><><><><><><><><><><><><><><><><><><><><><><><><><><><>

1664. Opinions WTD: DX70T vs. IC706 vs. TS50S

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: Paul Knight <pknight@elec.ctl.etn.com>
Message-ID: <322225F3.4CC0@elec.ctl.etn.com>
Source record: 218227

Hi! I'd like to gather some objective opinions on the 3 rigs
listed above. I'm most interested in their performance/reliability
in a mobile setting. If you've used any of the above as a mobile
rig, please drop me a note with your comments (positive or negative
comments!).

--
Thanks!

Paul Knight WD8DKY
pknight@elec.ctl.etn.com

-or-

PEKnSLK@aol.com

1665. Re: Signal Analyser for I.D.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: prografx@teleport.com
Message-ID: <4vt1nn$9gl@nadine.teleport.com>
Source record: 218228

dg198@FreeNet.Carleton.CA (Frank Sved) wrote:

>I've heard that there are devices on the market that will analyse a signal
>generated by a transceiver and be able to distinguish it from others on a
>recheck.

>Has anyone else heard of these, and if so, do they work well? Do they
>track the oscillator? How do they work?

>Thanks

>--

> Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

Motron, Inc. of Eugene, Oregon sells a card that plugs into a PC that
will fingerprint radio transmissions for just this purpose ($699?)

They also make very nice DTMF decoders! THey advertise in Popular
Communications and Monitoring Times, if not other mags.

Steve
WB7PSD

1666. Re: Whatever happened to AC-SSB ??

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: prografx@teleport.com
Message-ID: <4vt2ea$9gl@nadine.teleport.com>
Source record: 218229
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

ACSB (new acronym, same system) was resurrected in the mid 80's by Stephens Engineering Associates (SEA), a manufacturer of radio equipment (known primarily for their marine band stuff).

I don't know what happened to it, just that they were working on it in the 80's!

Steve
WB7PSD

1667. Re: TechPlus --> General?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: prografx@teleport.com
Message-ID: <4vt1ip$9gl@nadine.teleport.com>
Source record: 218230
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

"John..Mackey..KA0SSF" <no__place@any__where.com> wrote:

>John Mullan wrote:
>
>> Rick Miller wrote:
>> >
>> > Hi!
>> >
>> > Could someone verify what I'll need to do to upgrade from Tech Plus
>> > to General? I just need to pass the 13-gpm code test, right?
>> >
>> > "Rigless" Rick Miller (kb9obn) rdmiller@execpc.com
>> Unfortunately, given that yours is a relatively new license, you

>According to wht I pulled up on QRZ his tech plus was issues just this
>year so he will indeed have to pass BOTH the 13 WPM & the 25 question
>element 3B.

>BTW- It sosts $6.05 per testing session, there is NO limit on how
>many elements may be taken per session.

The dates of license on the QRZ data base are the the CURRENT license
period. They do not have historical data (when FIRST licensed) as far
as I have been able to find (CD ROM or Web Site).

I have been a Tech Plus since 1973, but QRZ only lists February of
this year (or whatever the date is) when I RENEWED and has no
indication of length of term.

It is strange, it has my birthday, but not my Amatuer License
anniversary date!

Steve
WB7PSD

1668. Re: TechPlus --> General?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: Dave Potter <Dave.Potter@guardian.brooks.af.mil>
Message-ID: <4vt0qi$sud@xenon.brooks.af.mil>
Source record: 218231
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Rick Miller <rick@DigalogSys.com> wrote:
>Hi!
>
>Could someone verify what I'll need to do to upgrade from Tech Plus
>to General? I just need to pass the 13-gpm code test, right?
>
>"Rigless" Rick Miller (kb9obn) rdmiller@execpc.com

Hi, Rick -

I see you've already got the answers to your question (s), but heck, if I were you, I'd just hang for a while. If what I've been seeing here is any indication of what's to come, Hey, you're in high cotton.

A lot of these guys seem to want nothing more than to toss all this silly testing nonsense out the window. Testing's a nuisance, don't you see, cause most of it, you never use anyway. It's just an unfair barrier to a lot of really motivated and super sophisticated folks who want to access to HF, but can't afford a steam-driven spark gap transmitter.

So my advice is, chill out. Wait some, and pretty soon, I bet you'll be able to pick your own callsign, and just light off that rig, zoom on down to HF, and ratchet jaw all you want.

Breaker, Breaker!

Dave Potter/KC5UDZ
If it ain't CW, it's CB

1669. Thinking of purchasing a handheld scanner

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: geordi_laforge@thepentagon.com
Message-ID: <geordi_laforge-2608961656520001@ppp-mia4-132.bridge.net>
Source record: 218232
Cross-posted to: alt.radio.scanner,rec.radio.scanner,alt.radio.pirate,rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.policy

I am thinking of purchasing a handheld scanner

I have been told the following units are quite nice:

Uniden BC3000xlt
ICOM R1
AOR 2700

I would like to get some feedback on the quality and capabilities of these
or other recommended units before I purchase.

Please email feedback to geordi_laforge@thepentagon.com

--
geordi_laforge@thepentagon.com
--

Douglas Alexander
Florida Power & Light
Turkey Point Nuclear Plant
Nuclear Operations Department

--
Pardon me,
I am from the 24th century,
and I'm heading back as soon as
Doc Brown fixes the Flux Capacitor!

1670. Re: HELP w/ SSB Antenna

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: gsmlrn@mendelson.com
Message-ID: <1996Aug26.195305.16209@gsm001.mendelson.com>
Source record: 218233

Bill Nelson (billn@PEAK.ORG) wrote:

: There is no requirement that antennas be horizontally polarized, for SSB
: or any other mode.
:
: The advantage of horizontal polarization is that the majority of manmade
: noise is vertically polarized, so the added isolation helps. However, when
: it comes to DX, the polarization can change completely - so it is a pot
: shot.

All of the VHF contesters, and small signal people I know use
horizontal polarization.

The 2m ssb calling frequency is 144.2, with most activity centered
around it. Since almost all 2m ssb signals are ground wave, you need to
keep the antennas horizontaly polarized. While VHF singnals bend
around the earth, and some are carried in "ducts" in the troposhere,
they don't bounce. Since they don't bounce, they stay horizontaly
polarized.

While there may be a technical reason for it, I expect the best reason
for stacking beams verticaly is cost. It is much easier and cheaper to
place one over the other instead of side by side, needing a LONG cross-bar.

73,

Geoff.

--
Geoffrey S. Mendelson (N3OWJ)
President, Mendelson Computer Consulting, Inc.
Voice (215) 242-8712 Fax (215) 242-3116 Email: gsm@mendelson.com

1671. IPS Daily Report - 26 August 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <4vtbgm$dqr@flare.syd.ips.oz.au>
Source record: 218234
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 26/2330Z AUGUST 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 26 AUGUST AND FORECAST FOR 27 AUGUST - 29 AUGUST

1A. SOLAR SUMMARY
Activity: Very low

Flares: None

Observed 10.7 cm flux/Equivalent Sunspot Number : 74/11

GOES satellite data for 25 Aug
Daily Proton Fluence >1 MeV: 6.4E+05
Daily Proton Fluence >10 MeV: 1.8E+04
Daily Electron Fluence >2 MeV: 5.9E+06 (normal)
X-ray background: B1.1
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
27 Aug 28 Aug 29 Aug
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 27 Aug: 76/14

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Quiet to unsettled

Estimated Indices : A K Observed A Index 25 Aug
Learmonth 9 2332 2222
Fredericksburg 15 18
Planetary 15 15

Observed Kp for 25 Aug: 4344 3322

2B. MAGNETIC FORECAST
Date Ap Conditions
27 Aug 18 Unsettled to active
28 Aug 18 Unsettled to active
29 Aug 18 Unsettled to active
COMMENT: IPS Geomagnetic Warning 9 was issued on 26 August and
is current for interval 26-30 August. Active levels did not continue
as expected. However, active levels are still expected next three
days due to coronal hole.

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band
Date Low Middle High
26 Aug Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
27 Aug Normal Fair Poor
28 Aug Normal Fair Poor
29 Aug Normal Fair Poor
COMMENT: Geomagnetic activity did not continue at active levels
as expected, and HF comms conditions remained fair to good. However,
active levels are still expected over the next two days due to
a solar coronal hole. High latitude HF comms may be degraded over
the next two days.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
26 Aug 17

Observed Australian Regional MUFs:
near predicted monthly values at all sites.

Predicted Monthly T index for August: 10

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
27 Aug 10 near predicted monthly values
28 Aug 0 near predicted monthly values/depressed 10 to
15%
29 Aug 0 near predicted monthly values/depressed 10 to
15%
COMMENT: HF conditions remained good during local day yesterday,
however, degraded HF comms quality is expected during local night
hours over next two days. Depressed conditions may be experienced
on 28 August.
--
IPS Radio and Space Services | email: rwc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/rwc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/rwc/
tel: +61 2 94148300 | fax: +61 2 94148331

1672. AOR8000 Scanner, how good is it?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: geordi_laforge@thepentagon.com
Message-ID: <geordi_laforge-2608961919280001@ppp-mia4-132.bridge.net>
Source record: 218235
Cross-posted to: alt.radio.scanner,rec.radio.scanner,alt.radio.pirate,rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.policy

I am thinking of purchasing the AOR8000 handheld scanner

I would your opinions, product strengths and weaknesses.

Please email feedback to geordi_laforge@thepentagon.com

--
geordi_laforge@thepentagon.com
--

Douglas Alexander
Florida Power & Light
Turkey Point Nuclear Plant
Nuclear Operations Department

--
Pardon me,
I am from the 24th century,
and I'm heading back as soon as
Doc Brown fixes the Flux Capacitor!

1673. ICOM R1 Scanner, how good is it?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: geordi_laforge@thepentagon.com
Message-ID: <geordi_laforge-2608961919430001@ppp-mia4-132.bridge.net>
Source record: 218236
Cross-posted to: alt.radio.scanner,rec.radio.scanner,alt.radio.pirate,rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.policy

I am thinking of purchasing the ICOM R1 handheld scanner

I would your opinions, product strengths and weaknesses.

Please email feedback to geordi_laforge@thepentagon.com

--
geordi_laforge@thepentagon.com
--

Douglas Alexander
Florida Power & Light
Turkey Point Nuclear Plant
Nuclear Operations Department

--
Pardon me,
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Doc Brown fixes the Flux Capacitor!

1674. Looking for a mailorder outfit to purchase a handheld scanner

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: geordi_laforge@thepentagon.com
Message-ID: <geordi_laforge-2608961923560001@ppp-mia4-132.bridge.net>
Source record: 218237
Cross-posted to: alt.radio.scanner,rec.radio.scanner,alt.radio.pirate,rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.policy

Looking for a good mailorder firm to purchase a handheld scanner from:

I am interested in the following units:

ICOM R1
AOR 8000

Please email feedback to geordi_laforge@thepentagon.com

--
geordi_laforge@thepentagon.com
--

Douglas Alexander
Florida Power & Light
Turkey Point Nuclear Plant
Nuclear Operations Department

--
Pardon me,
I am from the 24th century,
and I'm heading back as soon as
Doc Brown fixes the Flux Capacitor!

1675. New Comprehensive Global MUF Predictions

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: oler@holly.cc.uleth.ca
Message-ID: <4vtcmg$89k@holly.cc.uleth.ca>
Source record: 218238
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.misc

COMPREHENSIVE GLOBAL MAXIMUM USABLE FREQUENCY PREDICTIONS

The Solar Terrestrial Dispatch (STD) has updated its large database of predicted Maximum Usable Frequencies (MUFs) and related parameters from 18 August to 30 September 1996. The database consists of results determined through numerical ionospheric ray-tracing techniques and is (to our knowledge) the most comprehensive database of predicted MUFs in the world.

Over 1.2 million MUF-related parameters were computed using a high-speed DEC OSF-based computer system. Over 285 hours of continuous CPU time were required to generate these rigorously ray-traced MUF results. Equivalent computations on the fastest Pentium would have required close to a month of continuous calculations. The database covers 7 date intervals and includes the following MUF related statistics:

* Predicted 24-Hour Maximum Usable Frequency for the F2-layer.
* Predicted 24-Hour E-Layer Maximum Usable Frequency.
* Predicted Frequency of Optimum Transmission (FOT).
* The 24-Hour Average F2 and E-Layer MUF (a secondary FOT value).
* The 24-hour angle of elevation transmitters should use to reach the targetted receiver at the predicted MUF.

Each of these parameters include predicted effects of geomagnetic and solar activity.

The database provides sufficient information to let you easily determine what times of day, frequencies and transmission elevation angles to use to reach regions around the world. It also tells you whether your signal is going to be dominated by E-layer reflections, F-layer reflections or whether it will penetrate the ionosphere entirely and be lost to space. It is ideal for signal planning or for anyone interested in determining predicted optimum transmission or reception frequencies.

A simple but effective computer program can be included (it must be used to read the database). It lets you graphically select the desired transmitter and receiver with your computers mouse. After you specify the date interval for the prediction, it retrieves the appropriate predicted information from the database and graphically displays the results on your computer screen. The software requires an IBM or compatible computer system with VGA graphics and at least 200K of free conventional memory. With the database and software combined, about 7.5 MB of free hard-disk space will be consumed. The software is a DOS based application but WILL run under Windows 3.1 or Windows 95.

You will only need to purchase the software once. It can be repeatedly used on all future prediction database releases.

The available transmitters and receivers are listed below:

British Columbia, Alberta, Saskatchewan, Manitoba, Western Ontario, Eastern Ontario, Western Quebec, Eastern Quebec, Labrador, Newfoundland, Nova Scotia, Alaska, Northwest U.S. Coast, Southwest U.S. Coast, Northwest U.S., Westcentral U.S., Southwest U.S., Northcentral U.S., Central U.S., Southcentral U.S., Northeast U.S., Eastcentral U.S., Southeast U.S., Northeast U.S. Coast, Eastcentral U.S. Coast, Southeast U.S. Coast, Mexico, Spain, United Kingdom, France, Northcentral Europe, Southcentral Europe, Northeast Europe, Eastcentral Europe, Southeast Europe, Norway, Finland, Israel, Japan, Southeastern Australia, New Zealand, and Hawaii.

NEW transmitter/receiver locations available with this set of predictions include:

Northern South America, Northwestern South America, Brazil, Northwest Africa, Northeast Africa, Central Africa and South Africa.

You can determine predictions using any of the above locations as either transmitters or receivers.

We will be updating this prediction database regularly (monthly to bi-monthly) and will provide it only through the Internet via FTP or WWW.

To obtain the database and/or software, print out, fill out and postal mail or FAX the following form to us:

---------------------------------> Cut Here <---------------------------------

COMPREHENSIVE MUF PREDICTION DATABASE ORDER FORM

I am interested in purchasing the following Comprehensive MUF Prediction Database Components:

[ ] - The Latest Comprehensive MUF Prediction Database.
$20.00 USD.

[ ] - The MUF Database Viewing Software (MUFVIEW) for IBM or compatible MSDOS/Windows 3.1/Windows 95 computer systems.
$30.00 USD.

[ ] - I would like to prepay for ______ (up to 12) additional database updates at $20.00 USD per database update.

TOTAL AMOUNT: $_________._____ USD

My Internet E-Mail Address is: _____

Alternate Address (if avail.): _____

I would like to pay for these items via:

[ ] - VISA. I will FAX (not e-mail) this form to: 403-756-3008, or
if that line is busy to: 403-756-2380. We cannot guarantee
card information security if you don't FAX this form to us.
The Internet is NOT a secure medium for credit card data.

VISA Card #: _____
Name of Cardholder: _____
Valid-From: _____
Expires: _____
Voice Phone Number: _____
FAX Number (if avail.): _____
Postal Address: _____
(for VISA receipts) _____
_____
_____
_____

[ ] - CHECK OR MONEY ORDER.

I have enclosed a check or money order for the amount
indicated above and have remitted it to the "Solar Terrestrial
Dispatch" at the following address:

Solar Terrestrial Dispatch
P.O. Box 357
Stirling, Alberta
T0K 2E0
Canada

I understand I will be e-mailed the Internet FTP instructions necessary
to retrieve the items checked above, as soon as Solar Terrestrial Dispatch
receives this form either by postal mail or FAX. I also understand there can
be no refunds for these products. FAILURE TO SIGN AND DATE THIS FORM WILL
MAKE IT NULL AND VOID.

Signed: _____ Date: _____

1676. Lightning Protection

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: Harry Clinton <ni4p1@hcc-uky.campus.mci.net>
Message-ID: <322234D9.2F2A@hcc-uky.campus.mci.net>
Source record: 218239

Lightning protection information for antennas, towers and masts.
E-mail postal address you would like info mailed.

1677. Re: HELP w/ SSB Antenna

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug26.130321.5316@ke4zv.atl.ga.us>
Source record: 218240

In article <4vorpk$3pa@bashir.peak.org> billn@PEAK.ORG (Bill Nelson) writes:
>Mike Snowden (Pmikes@fishnet.net) wrote:
>: I have two cushcraft 13B2 yagi antenna which I will phase together using
>: the factory kit. I have been trying to find out which will be the most
>: effective way of mounting the pair. Since I will use them for SSB work,
>: I know they must be horizontally polarized. The big question is what is
>: the best way to stack them??? Side by side or top and bottom. The books
>: do not seem to clear. What will the different effects be for each type of
>: mounting? I could really use some help on this. Thanks, Mike K6YPB
>
>There is no requirement that antennas be horizontally polarized, for SSB
>or any other mode.
>
>The advantage of horizontal polarization is that the majority of manmade
>noise is vertically polarized, so the added isolation helps. However, when
>it comes to DX, the polarization can change completely - so it is a pot
>shot.

For *VHF* (which is what those antennas are), polarization does matter,
and the vast majority of SSB stations run horizontal polarization. At
HF, Faraday rotation in the ionosphere will render the polarization
arbitrary at the far end, so antenna polarization choice isn't as
important. It can cost you up to 30 db in cross polarization loss at
VHF, however.

>If you stack them vertically, then the vertical beam width will be
>narrowed. Stack them horizontally, and the horizontal beam width will
>be narrowed.

Yes. Normally stacking them vertically is better since there are few
birds with ham stations, IE reducing the elevation pattern profile
allows you to concentrate radiation that would normally be wasted,
at high angles, toward the horizon. Stacking them side by side reduces
the width of the lobe, which can be useful for separating distant
stations on similar bearings, but still allows too much power to be
wasted at high elevations where there are no stations.

For only 2 antennas, vertical stacking gives you the most benefit.
If you have 4 or more, then a box stack (an H frame) may give you a
greater benefit than stacking them all vertically. The stacking
distance can be between 1/2 and 2 wavelengths. Closer than
1/2-wavelength stacking causes too much interaction between the
yagis, and stacking distances greater than 2 wavelengths start
having too many minor lobes. There are modeling programs which
can tell you the "optimum" stacking distance for a particular

set of yagis, but in practice anything in the above range works
well enough.

Raalize you only gain a bit less than 3 db by stacking two antennas,
and only 3 db more when you stack two pairs (it's a geometric progression,
IE stacking 2 10 db antennas gives you an array with 13 db gain and
stacking 4 of them gives you an array with 16 db gain), so you have to
weigh the mechanical issues and cost issues of having a stacked array
versus a single antenna with a longer boom (which can have up to 19 db
of gain). Of course if you're already using a long boomer, then stacking
becomes the only practical option to get more gain.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1678. Re: CORRECTION - FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug26.142713.5578@ke4zv.atl.ga.us>
Source record: 218241
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <32208CCB.1A1E@worldnet.att.net> Clay N4AOX <wyn@worldnet.att.net> writes:
>Gary Coffman wrote:
>> A final note. The standard requires exposures to be averaged
>> over a 6 minute period for operators, or a 30 minute period
>> for the general public (whose standard exposure levels are
>> lesser than for operators). So a station whose peak exposures
>> violate the standard may still be Ok if the average exposure
>> level is sufficiently lower than the peak. Again this is a
>> somewhat *political* decision and doesn't mean it is safe.
>
>Hmmm, based on what you say, it seems that other thinkgs being equal a
>low duty cycle mode like Morse OOK CW would be provide a lower exposure
>to operators and the public when averaged over the same amount of time
>than say an FSK mode. In other words Morse code, among other positive
>attributes is more healthy than some of the newer fad modes. ;-)

Fortunately, other things are not equal. A constant carrier mode like
RTTY, FM, or AM gives an easy to calculate average exposure. SSB and
CW are harder to quantify. The average for SSB can vary from 1/8th
to 1/2 the peak output depending on voice characteristics, amount of
processing done, etc (it can even be worse than 1/2 with some over-
processed signals). CW has an average greater than 1/2 the peak
output due to the unequal lengths of the code elements, that is
dependent mainly on what is being spelled at the moment. Only if
what is being spelled contains all 'E's would the duty cycle reduce
to 1/2. For average spelling, it approaches 3/4. So an operator
who wants to stay within the exposure guidelines has a harder
time figuring out just what power level is approaching the limit
with a SSB or CW station than he does with a RTTY, FM, or AM station.
If he wants to be conservative, he's going to limit peak power to
about the same (within 3 db) as the continuous carrier modes would
use.

But a coherent demodulator has a 6 db (4x) advantage (minimum) over
a non-coherent one, so RTTY requires less power anyway for a given
channel condition (assuming optimum techniques are used for both
methods and data rates are the same). Other digital modes, IE PACTOR,
Clover, AMTOR, GTOR, etc, have a duty cycle which is less than that of
RTTY (due to the ARQ nature of the protocols), so they are even better
than CW since they also enjoy the 6 db improvement due to coherent
demodulation. GTOR, Clover, and PACTOR II also get a large "gain"
from FEC and can run even lower average power than just the coherent
demodulation allows. AMTOR gets a smaller, but still significant,

coding gain as well.

What this means is that some digital methods are sufficiently
better than CW that they should never need to run power levels
approaching the limits under conditions where a CW station
would need to approach the limits. That may seem contrary to
some people's experience, but that's just because they've
never experienced the performance a good digital code and
demodulator can offer. After you've seen one of these systems
give clean print on a signal you can't even hear, you start to
become a believer.

Most amateurs are using very suboptimal demodulators, and could
gain a large improvement in performance under poor channel conditions
by switching to better systems. And typically the switch would be
much more cost effective than buying an amplifier too. I've never
needed even 50 watts for a Clover contact for example. Often the
system turns the power down much lower than that. (It is regrettable
that the P-38 doesn't offer automatic power control like its more
expensive brother does, but you can still manually reduce power
when the link margin numbers are high.)

And of course, none of these systems have a pulse rate in the
5-15 pps range which has been linked (in vitro) to cellular
mutations considered indicators of carcinogenic activity when
seen while testing chemical agents and drugs, IE the FDA wouldn't
approve a drug which showed these sorts of cellular effects
in vitro. OOK Morse does have a pulse rate in that range. That
range also includes 7.62 Hz (corresponds to approximately 18 WPM
Morse), which has been shown to induce behavioral changes in animals
(both planaria and mice) in the lab. I wouldn't call it safer. (I
wouldn't necessarily call the risk level unacceptable, however,
in vitro and laboratory animal results don't always translate
directly to Man, but it is a cautionary flag being raised which
is absent from the other digital modes.)

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1679. Re: LCD display

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug26.143011.5662@ke4zv.atl.ga.us>
Source record: 218242

In article <4vqg9c$ekb@fnnews.fnal.gov> Torpor@fnal.gov (Lester Wahl) writes:
> I have a Uniden scanner with an LCD display. If the unit is
>mounted under the dashboard, the display can be read easily.
>But if the scanner is mounted overhead (as in my van), the
>display is impossible to read. The LCD digits seem to fade out
>when the radio is above the observer. (I'm making an assumption
>that the manufacturer intended under-the-dash mounting.)
> Is there an easy fix for this?

Probably not *easy*, but what you have to do is change the
viewing angle of the display so that it is perpendicular to
your line of sight in its overhead mounting position. That
most likely means adapting the front panel to be semi-detached
from the scanner so you can tilt it down.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1680. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug26.151148.5916@ke4zv.atl.ga.us>
Source record: 218243
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <4va49e$mgg@nnrp1.news.primenet.com> n7ory@primenet.com (Rob Neff) writes:
>jherman@Hawaii.Edu (Jeffrey Herman) wrote:
>>More like a fantasy. I am *very* sorry to read of your loss; statistics
>
>Fantasy? RF is used all the time in medicine. Tell that to the
>Chiropractor that totaly screws up 10m with his massaging wand. Uses
>RF in the 27-28 MHz band to warm tissue deep inside. Tell that to my
>Dentist who used an 'Radio Scapel' to trim back my gums the other day.

Doctors used to spray X-rays around with great abandon too, until they learned better. Supposedly qualified dermatologists used a series of X-ray treatments to treat acne in teenagers only 25 years ago. Many of those people are now fighting recurring bouts of skin cancer. (I have the E ticket on that one.) Just because doctors consider it routine does *not* mean it is safe or prudent.

>>show 1 in 4 women will suffer from that form of cancer. But let's please
>>keep emotion out of this ruling. Self-denial that RF cannot cause illness
>>will only hurt yourself, but coming on here and stating that to hundreds
>>of thousands of folks is irresponsible.
>
>No self denial. It would be irresponsible to keep quiet and bend over
>for crap like this. They show proof that it harms, and how, then we
>will worry about it. I thought we stopped using 'blood-letting' as a
>treatment a long time ago, what they sugguest is the same thing.

We still use bloodletting, in the form of frequent blood donations, as a treatment for some conditions, for example as a method of controlling the blood concentration of the protein which causes gout. Doctors have gone back to using leeches too, for certain kinds of wounds. Sometimes things that seem crazy, aren't, and sometimes things that seem harmless, aren't. Prudence says we don't casually do things whose risks we don't understand.

>>Keep your HT at its lowest power setting (not only for health reasons
>>but also to comply with Part 97). Use a speaker mic and hold the HT
>>at arm's length when transmitting (who cares what that will look like -
>>you'll be setting a good example).
>
>Compliance in the face of stupidity is cowardice.

Bet you think playing Russian roulette is macho stuff too.
Daddy taught me to keep the barrel of the pistol pointed

away from my head. If you think that's cowardice, then
let me point it at yours.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1681. ARRL WRC-99 Survey

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: dfinley@newshost.aoc.nrao.edu
Message-ID: <4vsg40$fh8@orion.aoc.nrao.edu>
Source record: 218244
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

I am an ARRL member and I have sent in my questionnaire.

I believe both the questionnaire and the methodology of the survey, as I understand it, are indeed appropriate.

The survey does cover only one of the issues to be discussed at WRC-99, but the one it covers is the most divisive and intensely-debated; thus, a survey on that question alone is useful and appropriate.

Any useful survey on this topic (the Morse Code requirement) MUST include amateurs who are not ARRL members. Though ARRL members constitute only about one-fourth of licensed amateurs, the ARRL position most likely will be accepted by the FCC and State Department as representative of at least a majority of amateurs. The League has for years considered itself, and been considered by the FCC, as the voice of amateur radio on regulatory matters. In order to legitimately act as that voice, this survey must include non-members.

The issue of Morse testing will affect the whole of amateur radio, not just ARRL members. Many people on both sides of the issue feel that the decision made at WRC-99 will have a strong effect on the future of the amateur service. I feel that, by reaching out to solicit the opinions of all amateurs, not just members, the League has shown that it recognizes and accepts the responsibility of acting as a leadership organization and working for the benefit of the entire amateur service.

73,

Dave Finley, N1IRZ

1682. Re: LEARN CODE FAST

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: jerryaero@aol.com
Message-ID: <4vtn7m$jtk@newsbf02.news.aol.com>
Source record: 218245

We have developed our own unique method of learning the code. Those who have used it swear by it and have gone on to get code speed up and get licenses. Here is some general information:

Here's some information about The Morse Code Video:

Name of Video: Code Crash

Running time: 36 minutes, 45 seconds.

Nature of video: A quick way to learn the Morse Code

Description: This tape consists of Jerome Mintz teaching two different children the entire Morse code in less than 20 minutes each. The technique consists of associating the shape of the letter with its sound, using a unique system created by Mintz. "Dah" and "dit" are used for long and short. For example, the four shorts for the letter H are associated with the four corners of the letter H. "E is the easiest letter. Just dit." For the letter B, think of the long line on the left for dah, and the three lines going out for three dits: Dah dit dit dit." "People usually think of M for mother. This M is dah dah." This is then reviewed and reinforced, and the numbers are also reviewed.

Here's a reprint about Code Crash from our newsletter:

CODE CRASH
One unusual project that we have been involved with has to do with teaching the Morse Code. Some homeschoolers who were interested in amateur radio discovered that I had developed a method of teaching the code in as little as 20 minutes. They asked me to put the process on tape, which I did. Then after successfully using it, they suggested that I contact Radio Shack, to see if they were interested. They are interested, but haven't reviewed the tape, yet. We've sent a few copies out, to a few people who found out about it. The following is a letter we recently received from someone on the GEnie Network.
"Jerry,
Just wanted to drop you a line to tell you that I have watched the tape you sent me and it is a big help. I had my son and daughter watch it too, they are 18 and 19 years old, and do not have any interest in learning code. After seeing half of the tape, they both knew code. It has been a big help to me too. I still have to build up some speed, but at least I can hear dahs and dits now and know what letter they are. Thanks for a job well done. It does work!!!!!
I'll keep you posted, I hope to go take the code test soon.
Rick Mace"
The following came in from a Prodigy Network subscriber:

"Hi Jerry,
Really enjoyed the video. We dropped everything when it came in the mail and watched it. It really works! We have all learned the code and are sending messages to each other through the day. Even my three year old walks around saying "did dit dah dit!"
Sheila Hunt, TX"

The cost is $20 plus $3 for postage.

JMINTZ

1683. Re: Kenwood TS-440 antenna tuner

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: "Jim Gerke, KC5OA" <jgerke@why.net>
Message-ID: <32226464.4F0C@why.net>
Source record: 218246
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

My guess is that you have a relay, related to that frequency range, that is not switching properly. I've had no problems with mine but have been told by others that when a relay goes bad, the tuner won't stop hunting.

Good Luck.

73, Jim, KC5OA

1684. Re: How to tell if you are a loser

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: willis967@aol.com
Message-ID: <4vtqli$lov@newsbf02.news.aol.com>
Source record: 218247

Hello Drew in Sunny Florida,
You seem to have a dilemma with the "brothers". I can't believe in the year 1996 you still
have this (UN)kind state mind. I've some of your postings, I thought you were a
somewhat knowledge type of person, how erroneous. Drew I am sure if you would get
your head out of the sand for a moment and meet different people you would post better
messages. Please take it from me, use your hard earned computer and visit some of the
other areas, talk, chat, get to know some of the "brothers" I'm sure someone will explain
why "brothers" use ch.6 in those areas. Get away from your modem, for a while, and meet
genuine people in other words------ "GET A LIFE".

a "brother"

if you ARE drew, you are a loser

willis

1685. Icom R-7000

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: Tom Kutz <tkutz@Skypoint.com>
Message-ID: <32228DBD.334A@Skypoint.com>
Source record: 218248

Hi;
I have an Icom R-7000 that I don't think works above 1 Ghz.
I thought that I should be able to hear the GPS signals on
1575.42 Mhz. I can't hear anything. In fact I never hear any
signals above 1 Ghz. Works fine below.

Any help??

Tom
WA0LRE
tkutz@skypoint.com

1686. Re: How to tell if you are a loser

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: willis967@aol.com
Message-ID: <4vtqlg$lot@newsbf02.news.aol.com>
Source record: 218249

you are """"DREW IN SUNNY CENTRAL FLORIDA""""
{:=>

willis

1687. Re: HELP w/ SSB Antenna

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: Mike Snowden <Pmikes@fishnet.net>
Message-ID: <32227461.4C86@fishnet.net>
Source record: 218250

Mike Snowden wrote:
>
> I have two cushcraft 13B2 yagi antenna which I will phase together using
> the factory kit. I have been trying to find out which will be the most
> effective way of mounting the pair. Since I will use them for SSB work,
> I know they must be horizontally polarized. The big question is what is
> the best way to stack them??? Side by side or top and bottom. The books
> do not seem to clear. What will the different effects be for each type of
> mounting? I could really use some help on this. Thanks, Mike K6YPB
>
> mikes@fishnet.net

Still looking for some help on this mounting. Thanks again

1688. Help! Missing YB 400 manual

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: jslawson@magibox.net
Message-ID: <32224EA8.6CA6@magibox.net>
Source record: 218251

I would appreciate any help concerning my Grundig Yacht Boy 400. The Instruction Manual was not included with my set, so I need help setting the clock. If anyone who knows how, or could help me find this information please E-mail me at jslawson@magibox.net. I have ordered one, but there is no telling when, or if it will arrive. Thanks very much for any help.

1689. Re: Ham's character

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: Lukas_der_Engel@t-online.de
Message-ID: <4vs47m$qti@news00.btx.dtag.de>
Source record: 218252

(sorry form my very very very bad english)

!!!SHAME SHAME SHAME!!!

What a fu..ed discussion!!!

I'm a 20 year HAM, and if my local HAMs in Poland
will be lead discussions like this one I won't to become
a HAM!

Well, STOP IT NOW, get smiles on faces and be nice!!!

Vy 73 to all!!!

1690. Re: FS: Icom Dual Band HT

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: robinsona@rl.af.mil
Message-ID: <4vs40q$9s@news.rl.af.mil>
Source record: 218253

In message <321dcf48.25600391@199.4.94.14>, kaf3@axe.humboldt.edu (Kay Fule) writes:

>I'm selling my Icom Z-1A..... I bought it for
>$450, and am willing to sell it for $350 FIRM.
>

Radio City, Mounds View MN is selling the Z1-A *BRAND NEW* FOR $319.95

1691. Re: HTG (Some PBBS SYSOPS)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: n5ejs@linknet.net
Message-ID: <8197cc$d331b.221@NEWS>
Source record: 218339

Burt Fisher <k1oik@ccsnet.com> wrote:

:>It appears Mr. Wolfe also is in violation of FCC rules as his address
:>does not correspond with where he is SYSOPing.

:>AA0NN WOLFE, JOHN R LIC ISU 4-MAY-1995
:>EXTRA 6402 HAMPTON DR LIC EXP 22-MAR-2004
:>DOB 31-JUL-1962 ANCHORAGE AK 99504 LST UPD 4-MAY-1995

:>Burt

Since you make it a point of going, shall we say, "Toe to Toe",
"Keyboard to Keyboard" [or whatever you would call it] with many Hams
Burt, seems that you already know that it is only required that the
FCC be able to contact you should they wish. I don't have the book in
front of me but it seems if a person has changed addresses but left a
forwarding address they can be reached through, this meets the
criteria as I believe the USPS will forward any government business to

it.

And if I'm not mistaken, you can find out if he has left a forwarding
address on file at the old postal address and it only costs 1 dollar.
But they can only give you the unexpired address. Surely there are a
few USPS people out there that can confirm it in this group for you if
you really would like to know. After you have the info and confirm
that there was no forwarding address left then your statement would be
correct, would it not?

de N5EJS
Russ in LA.

1692. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: carl@ais.net
Message-ID: <4vqr2f$i64@news.ais.net>
Source record: 218340
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <Pine.BSI.3.93.960825155705.21052A-100000@cais3.cais.com>, <zut@cais.com> writes:
>By now you have probably received your September 1996 QST with the ARRL's
>"WRC-99 Survey. If you thought the survey questions failed to cover all
>the topics, lacked objectivity, appeared one-sided, and/or seemed to beg
>for answers that supported destroying the international Morse requirement,
>now a part of Article S25 of the ITU Regulations, you were not alone.
>
What's the matter? Afraid to find out that huge numbers of new, no-code
hams are staying away from the ARRL because they view it as representing
the minority who still want to force CW down their throats and consider
them (the no-coders) inferior hams?

Afraid that they'll resoundingly vote for eliminating the CW requirement
and that the FCC will see that the "party line" of the "voice of amateur
radio" has been bogus with respect to the CW requirement for some time?

I'm a member, by the way (and a with-code ham licensed continuously
since 1975)... although there have been MANY times when I've considered
NOT renewing for the very same reason.

Carl - wa6vse
carl@ais.net

1693. Re: RFD: rec.radio.amateur.boatanchors

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: res@cmprime.cis.att.com
Message-ID: <4vqvh0$m8l@anchor.cis.att.com>
Source record: 218341

For your info -

I have posted a re-write of a proposed new charter for the boatanchors newsgroup over in the news.groups newsgroup. Discussions on it should take place there, not here. The thread has the same subject line as you see on this article.

Rick KT2Q

1694. VESTER SSTV

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: shale@north.nsis.com
Message-ID: <4vr04v$e7t@apollo.isisnet.com>
Source record: 218342

Having some trouble setting up Ben's SSTV program. I'm using the latest release. Built the modem and can receive just fine. Can also transmit pictures saved over the air. I have a hand scanner and would like to send some original pics but I can't get TIFCONV to work. After 4 weeks of head scratching i'm finally giving in and asking for assistance. Computer is Cyrix 586 100-mhz, 16 meg RAM and a Trident video card...8900cl , 1 meg RAM, VESA driver. Scanner is Logitech color Scanman and i've tried using TIFF pics directly from the OEM software. Also converted GIF pics to TIF format using GraphicWorkshop and PSP but they wouldn't work using TIFCONV. System config parameters are similar for all programs. I'm booting to DOS from W-95 and i'm using the hard drive instead of a ramdisk (can't seem to create one with ramdisk.sys). Any clues would be much appreciated. Tnx...de Scott VE1AFN NS, Canada

1695. Re: SAMS Needs Your Electronics URLs

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: jshaffer@mail.csrlink.net
Message-ID: <19960826.79FE6D0.EC9@localhost.UUCP>
Source record: 218343
Cross-posted to: rec.antiques.radio+phono,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.video.satellite.dbs,rec.video.satellite.europe,rec.video.satellite.misc,rec.video.satellite.tvro

In article <kharker-2508961147130001@slip-9-2.ots.utexas.edu> kharker@cs.utexas.edu (Kenneth E. Harker) writes:
> Nf gb jurer vg bevtvangrq, vg'f n irel fvzcyr Pnrfne pvcure gung'f orra
> nebhaq n ybat juvyr (fvapr ng yrnfg gur qnlf bs Whyvhf Pnrfne) - lbh whfg
> fuvsg rirel yrggre 13 fcnprf va gur nycunorg (jenccvat nebhaq nf
> arprffnel.) V'z abg pregnva jung "EBG" zrnaf be jurer vg pnzr sebz,
> gubhtu.

"rot" means "rotate".

--
* From the disk of: | jshaffer@mail.csrlink.net | "there's a hell of
Jim Shaffer, Jr. | IRC: JustnCase // | a good universe
37 Brook Street | "Real AM radios // | next door; let's go"
Montgomery, PA 17752 | go up to 30000." \\// | (e.e. cummings)

1696. Re: SAMS Needs Your Electronics URLs

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: greggIns@ix.netcom.com
Message-ID: <322127f2.2696521@dfw-ixnews10.ix.netcom.com>
Source record: 218344
Cross-posted to: rec.antiques.radio+phono,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.video.satellite.dbs,rec.video.satellite.europe,rec.video.satellite.misc,rec.video.satellite.tvro

On 25 Aug 1996 22:09:31 GMT, Jeff Anderson posted:

<snipped; see thread>

>By goom, you're right! I did it the hard way - I noticed Ken Harker
>had capitalized a V in the middle of one of his sentences. I assumed
>this was "I" (what other single letter do we capitalize?) and
>translated (rotated) the alphabet accordingly. Everything fell out
>nicely from there.
>
>After deciphering "If you can read this, you really ought to get out
>more," I decided the effort greatly outweighed the rewards!

Jeff, you're using the built-in newsreader in the Netcruiser software.
It's crap. Try using Free Agent -- and, if you like it, you can buy
Agent -- and you can do ROT13 with a couple of mouse clicks. Much
more importantly, you can also do most of your Usenet news stuff
offline.

>- Jeff (wrss)

Shouldn't that be... Wrss ?

--
... Gregg

1697. LEARN CODE FAST

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: jerryaero@aol.com
Message-ID: <4vrb92$pgs@newsbf02.news.aol.com>
Source record: 218345

We have developed a method of teaching beginning Morse Code in less than a half hour, guaranteed!

At the request of our readers we have made a video which teaches the code by using an association method. We have never advertised this tape, but we have sold hundreds by word of mouth. Said one user: We were amazed and impressed with ourselves that we suddenly knew the whole More Code in less than an hour!"

The tape is only $20, plus $3 postage. It is NOT for increasing speed, only for learning beginning code.

Send to:
AERO
417 Roslyn Rd
Roslyn Hts, NY 11577
For more info, send e mail here, or to
jmintz@acl.nyit.edu

1698. Re: Inter-Agency Comm. lacking

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: armond@delphi.com
Message-ID: <Z-GzC0B.armond@delphi.com>
Source record: 218346

John Moran <jamoran@indirect.com> writes:

>Phoenix area that seemed to show the lack of communication or difficulty
>of coordination amoung different agencies:

Well, John, why don't you just sit down, and like a civic-minded citizen
figure out how they could do it better. After you write a formal paper and
present it to them they should be very grateful.

1699. Re: SAMS Needs Your Electronics URLs

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: jwchrist@cp.duluth.mn.us
Message-ID: <4vr89v$m3o@poplar.computerpro.com>
Source record: 218347
Cross-posted to: rec.antiques.radio+phono,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.video.satellite.dbs,rec.video.satellite.europe,rec.video.satellite.misc,rec.video.satellite.tvro

In article <4vqiur$clr@dfw-ixnews9.ix.netcom.com>, jeffa@ix.netcom.co says...
>
>In <4vqfae$2ar@shore.shore.net> pip@shore.net (GeorgeS) writes:
>>
>>In article <kharker-2508961147130001@slip-9-2.ots.utexas.edu>,
>>kharker@cs.utexas.edu says...
>>
>>>Nf gb jurer vg bevtvangrq, vg'f n irel fvzcyr Pnrfne pvcure gung'f
>orra nebhaq n ybat juvyr (fvapr ng yrnfg gur qnlf bs Whyvhf Pnrfne) -
>lbh whfg fuvsg rirel yrggre 13 fcnprf va gur nycunorg (jenccvat nebhaq
>nf arprffnel.) V'z abg pregnva jung "EBG" zrnaf be jurer vg pnzr sebz,
>>>gubhtu.
>>>
>>
>>My guess is ROT13 is short for ROTATE 13. If you imagine the alphabet
>on a wheel, you would cipher the text by rotating the wheel 13 spaces
>>
>
>By goom, you're right! I did it the hard way - I noticed Ken Harker
>had capitalized a V in the middle of one of his sentences. I assumed
>this was "I" (what other single letter do we capitalize?) and
>translated (rotated) the alphabet accordingly. Everything fell out
>nicely from there.
>
>After deciphering "If you can read this, you really ought to get out
>more," I decided the effort greatly outweighed the rewards!
>
>- Jeff (wrss)

Gurer vf nabgure ernyyl rnfl jnl gb qrpvcure guvf. Vs lbh ner hfvat Jvaivz nf n arjf ernqre, nyy lbh unir gb qb vf uvg PGEY. E naq vg punatrf gur grkg evtug orsber lbhe irel ryes.

Jim
>

1700. Re: LEARN CODE FAST

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: billn@PEAK.ORG
Message-ID: <4vrg9v$g7u@bashir.peak.org>
Source record: 218348

Jerry AERO (jerryaero@aol.com) wrote:
: We have developed a method of teaching beginning Morse Code in less than a
: half hour, guaranteed!

: At the request of our readers we have made a video which teaches the code
: by using an association method. We have never advertised this tape, but we
: have sold hundreds by word of mouth. Said one user: We were amazed and
: impressed with ourselves that we suddenly knew the whole More Code in less
: than an hour!"

This may be ok, if the association method is to associate the letter to
the sound. If it associates to a picture, shape or item, then it will
cause problems later - as double translation will be required.

: The tape is only $20, plus $3 postage. It is NOT for increasing speed,
: only for learning beginning code.

I hope it uses the Farnsworth method, at about 15 wpm.

Bill

1701. Re: Inter-Agency Comm. lacking

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: matt223@mailbag.com
Message-ID: <4vr6nd$9g0@grandcanyon.binc.net>
Source record: 218349
Cross-posted to: alt.law-enforcement,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.misc

se for an interagency frequency where all agencies
>involved in a chase or crime spree that goes across jurisdictions can be
>in instant contact with each other and easily share information....IN
>most cases, a dispatcher from agency A will call Agency B..Sometimes, a
>helicopter will come up on the frequency used by the other agency.

>JOHN
Here in Wisconsin there are frequencies in place that are common
state-wide for fire, EMS, and law enforcement.

As jurisdictions upgrade, they will usually purchase radios capable of
handleing all of these common frequencies. The additional cost of 48
channels vs 16 on a hand-held is nominal. Most jurisdictions in Wi
are still on VHF or UHF, and the mutual aid freqs are as well.

Mark

The truth as I perceive it to be.
Your perception will be different.

1702. Re: ART phone number

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: ny1t@ix.netcom.com
Message-ID: <4vrk6g$40d@dfw-ixnews3.ix.netcom.com>
Source record: 218350

In <321C2FD8.7D91@ssdd.nrl.navy.mil> "Mark P. Fratta"
<Fratta@ssdd.nrl.navy.mil> writes:
>
>Does anyone have the phone number for Amateur Radio Trader?
>
>Thanks
>
>Mark N3VMR
1-800-77-ham-ad...1 800 774-2623

1703. Wisconsin Callsign Plates?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: clint.bradford@atdbbs.com
Message-ID: <9608260353263231@atdbbs.com>
Source record: 218351

>>I would like to apply for callsign License plates in Wisconsin.

Call the same state office that you would call for ANY automobile registration questions.

Or, if you're a member of the Automobile Club, call them!

1704. Re: SAMS Needs Your Electronics URLs

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: slwork@netcom.com
Message-ID: <slworkDwqtB7.H9A@netcom.com>
Source record: 218352
Cross-posted to: rec.antiques.radio+phono,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.video.satellite.dbs,rec.video.satellite.europe,rec.video.satellite.misc,rec.video.satellite.tvro

GeorgeS (pip@shore.net) wrote:

: My guess is ROT13 is short for ROTATE 13. If you imagine the alphabet on a
: wheel, you would cipher the text by rotating the wheel 13 spaces

The reason for rot13 is not to encrypt a file to keep unwanted recipients
from seeing it. It's just a way someone can post something which can't
be read accidentally. Like posting a joke which someone might find
offensive to a humor group. If someone is just rifling thru the jokes
they won't be offended unless they deliberately decode the rot13.
Another use might be for a post which "spoils" or gives away the plot of
a book or movie.

1705. ANARTS RTTY News Bulletin 923 25TH AUGUST 1996

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-26 00:00:00 UTC
From: dave@eram.esi.com.au
Message-ID: <4vrs79$du@eram.esi.com.au>
Source record: 218353
Cross-posted to: aus.radio.amateur.misc,rec.radio.amateur.misc,rec.radio.info

[ANARTS - Australian National Amateur Radio Teletype Society]

This is the Australian National Amateur Radio Teleprinter Society
with our week RTTY broadcast.
we transmit this cast each week on the following frequencies/times :

3.545 MHz (Plus/minus 5) 0930 UTC VK2CTD (COL)
7.045 MHz -3 0030 UTC VK2CTD (COL)
14.070 MHz (amtor/fec) 0030 UTC
14.091 MHz 0030 UTC
146.675 MHz 0030/0930 UTC VK2JPA (PAT)
144.850 MHz (ax25 bbs) VK2JPA AT VK2WI
146.675 MHz (rtty mmbbs/repeater) VK2RTY

INTERNET RADIO-INFO-DIST AT UCSD.EDU

Pse send any enquiries to the broadcast officer at PO Box 60
or to VK2JPA at VK2WI on 144.850 MHz.
Views expressed in this news bulletin are not necessarily
those of the Broadcast Officer, the Relay Officers, or of the
Society.

A.N.A.R.T.S. News Bulletin 923 25TH AUGUST 1996

COLS COLUMN

I SOMETIMES WONDER AS I GET OLDER IF THIS WORLD WE LIVE IN IS
JUST A DREAM AND I WILL WAKE UP AND FIND MYSELF BACK IN THE
DAYS BEFORE THE NEW TECHNOLOGY ARRIVED. MOST OF US IN THE RTTY
FRATERNITY USE AS MANY OF THE DIGITAL MODES THAT WE CAN AFFORD.
AMTOR FEC AND ARQ, PACTOR, PACKET, YOU NAME IT AND WE HAVE IT.
I KEEP HAVING THIS SNEAKY FEELING THAT TOMORROW I WILL WAKE UP
AND FIND WE ARE STILL IN THE DAYS WHEN TELEX WAS STILL
MANUALLY CONNECTED. TELEX???...WHAT'S THAT???...

IT WAS A TELEPRINTER SYSTEM THAT MOST OF THE LARGER COMPANIES
SUBSCRIBED TO, IF YOU HAD A TELEX MACHINE YOU COULD BE
CONNECTED VIA TELECOM (PMG IN THE EARLIER DAYS) TO ANOTHER
SUBSCRIBER AND SEND A MESSAGE TO THEIR TELEX MACHINE. IT MAY
HAVE BEEN A SUPPLY ORDER, OR PERHAPS BOOKING ACCOMMODATION AT
A HOTEL. JUST LIKE TODAYS FAX SYSTEM.

I AM NOT SURE IF THE TELEX SYSTEM IS STILL IN OPERATION, SO I
WILL TALK ABOUT IT IN THE PAST TENSE. MY FIRST ENCOUNTER WITH
TELEX WAS IN 1950 AT A LARGE RAF COMMUNICATIONS CENTRE,

SOMEWHERE IN DARKEST ENGLAND. THOUSANDS OF MESSAGES, OR SIGNALS, AS WE CALLED THEM, PASSED THROUGH THE CENTRE EACH DAY, AND SOMETIMES A SIGNAL WOULD BE ADDRESSED TO A CIVILIAN ORGANISATION WHICH REQUIRED IT BEING FORWARDED VIA TELEX.

TO SEND A MESSAGE ON TELEX, ONE WOULD PICK UP THE PHONE AND ASK THE TELEPHONIST TO CONNECT TO THE REQUIRED NUMBER. THE PHONE CONNECTION COULD TAKE ANYTHING FROM STRAIGHTAWAY TO MAYBE HALF AN HOUR DEPENDING ON THE DISTANCE INVOLVED AND THE TELEPHONE TRAFFIC LOAD. ONCE IN CONTACT WITH THE CORRECT NUMBER, YOU ASKED THE PERSON ANSWERING TO SWITCH OVER TO TELEX. A LARGE, BLACK, PLASTIC SWITCH WAS THEN CLOSED. ONCE BOTH OPERATORS HAD DONE THIS YOU COULD TURN ON THE TELEPRINTER AND USING FIGURES D, GET THE ANSWER BACK CODE OF THE OTHER TELEX MACHINE AND SEND THE MESSAGE. I REMEMBER WE HAD TO REPEAT THE FIGURES D AT THE END OF THE MESSAGE TO CONFIRM THAT THE CONNECTION HAD BEEN MADE ALL THE TIME, AND WE HAD TO ASK FOR A QSL AND TIME.

A FEW YEARS LATER THE PMG INSTALLED A TELEX SWITCHBOARD AND TO MAKE A CONNECTION A TELEX OPERATOR REPEATEDLY PRESSED THE SPACEBAR, BUT NOT TOO QUICKLY. THIS CAUSED A LIGHT TO FLASH ON THE SWITCHBOARD AND THE OPERATOR PUSHED A JACKPLUG IN AND TRANSMITTED HIS ANSWER BACK CODE TO LET THE TELEX OPERATOR KNOW HE WAS THROUGH. THE TELEX OPERATOR THEN GAVE THE SWITCHBOARD THE NUMBER IN THE SAME WAY THAT EARLY PHONE CALLS WERE MADE.

WE THOUGHT THIS WAS SO MODERN. LITTLE DID I KNOW AT THE TIME THAT ON LEAVING THE RAF I WOULD BECOME ONE OF THE TELEX SWITCHBOARD OPERATORS, BUT THATS ANOTHER STORY.

IF ANYONE WOULD CARE TO CALL INTO MY PLACE AND PINCH ME RATHER SHARPLY, EITHER I WILL WAKE UP AND FIND ALL THIS NEW TECHNOLOGY HAS JUST BEEN A DREAM, OR, YES IT IS ALL TRUE AND I CAN CARRY ON USING ALL THESE NEW FANGLED DEVICES THAT I JUST LOVE. EXCUSE ME BUT I MUST GET BACK TO THE INTERNET, SEE YOU NEXT TIME.

N E W S F L A S H

JIM VK2BQS HAS JUST ADVISED HE HAS PROCESSED CONTEST LOG 75, WHICH MEANS WE HAVE AN INCREASE IN THE NUMBER OF LOGS RECEIVED OF 50 (FIFTY) PERCENT OVER LAST YEAR, AND WE STILL HAVE OVER A WEEK TO GO BEFORE THE CUT-OFF DATE.

WEEKLY SOLAR AND GEOPHYSICAL REPORT

(16 AUGUST - 22 AUGUST)

ISSUED ON 23 AUGUST 1996

SUMMARY
Date 16 17 18 19 20 21 22
10cm 68 68 67 68 69 70 73
A 14 15 6 7 8 5 (5 estimated)
T 5 7 7 1 0 5 5

SOLAR ACTIVITY WAS LOW ON 22ND AUGUST, AND VERY LOW FOR THE REMAINDER OF THE WEEK.

THE GEOMAGNETIC FIELD AT LEARMONTH W.A. WAS QUIET 18TH AND 21ST AUGUST; QUIET TO UNSETTLED 19TH, 20TH, AND 22ND; AND UNSETTLED TO ACTIVE 16TH AND 17TH.

MAXIMUM USABLE FREQUENCIES AT SYDNEY WERE MOSTLY NEAR PREDICTED MONTHLY VALUES DURING LOCAL DAYLIGHT HOURS 16TH TO 18TH, AND 22ND AUGUST, WITH ENHANCEMENTS OF UP TO 30 PER CENT DURING LOCAL NIGHT. ON 19TH TO 21ST AUGUST, FREQUENCIES WERE NEAR PREDICTED MONTHLY VALUES. SOME SPREAD F WAS REPORTED ON 19TH AUGUST.

FORECAST (23 AUGUST - 29 AUGUST)

GEOMAGNETIC: QUIET UNTIL 26 AUGUST. UNSETTLES, WITH CHANCE OF ACTIVE PERIODS ON 27-28 AUGUST. QUIET TO UNSETTLED LEVELS EXPECTED 29 AUGUST.

FREQUENCIES: MOSTLY NEAR PREDICTED MONTHLY VALUES.

COURTESY OF IPS RADIO AND SPACE SERVICES

RTDX0816 RTTY DX
VK2SG RTTY DX NOTES FOR WEEKENDING 16 AUG 96 (BID RTDX0816)

THIS WEEKEND : SARTG WW RTTY CONTEST.. WITH THREE PERIODS OF OPERATION. STARTING AT 0000-0800Z AND 1600-2400Z ON 17 AUGUST AND 0800-1600Z SUNDAY 18 AUGUST. EXCHANGE RST AND QSO NUMBER. SEE AUGUST QST FOR MORE DETAILS.

STATION IDENTIFICATION DE VK2TTY VK2TTY PAGE 3

OUR INFORMATION THIS WEEK CAME FROM: I5FLN AND THE IK5PWJ PACKET CLUSTER, ON6RO, S92ZM, W2JGR AND THE NJ0M NODE THE TWIN-CITIES DX PACKET CLUSTER AND W5KSI.

THANK YOU ALL FOR YOUR ASSISTANCE.

BANDPASS

FRIDAY 9

0446-14078 YI1US
1107-14081 OY4TN
1207-14081 RU3AT
1207-14081 UT6IO
1345-14084 RU3AT
1348-14082 UN5PR
1417-14083 4S7NR
1554-14084 ES7FQ
1603-14088 4S7NR
1640-14084 ES7FQ
1642-14082 4S7NR
1854-14088 LX1TI
2025-14086 CU1AC
2027-14090 Z37CEF
2028-14089 LX1TI
2035-14086 HK1FGE
2036-14081 HK3DDD
2114-14084 9Q5PA
2120-14091 5H3LM
2135-14083 9Q5PA
2312-14084 S58AA
2314-14081 OK2SG
2323-14084 HK3SGP

SATURDAY 10

0918-14084 UA2FP
0920-14086 TA2IO
1326-14086 RK3AX
1511-14084 ES7FQ
1526-14083 HK3SGP
1635-14083 UA2FP
1643-14088 VK6APW
1714-14085 TA2FT
1734-14084 SV5DDR
1803-14084 ZS6CC
1813-14087 CU3EM
1830-14088 4Z5AV
1834-14083 PJ2MI
1904-14082 HAM2VB
1916-14082 4L1BR
2047-14083 XT2DP QSL WB2YQH
2230-14085 GI4WXA
2348-14087 8R1LA

SUNDAY 11
0202- 7090 YV1AVO
0754-14082 UA2AO
1116-14083 EI5IF
1139-14085 CU1AC
1229-14090 ZP6CC
1303-14081 LX1TI

1438-14086 XT2DP
1455-14086 FG5FI
1457-14084 LX1WH
1507-14085 8R1LA
1519-14085 4X6UO
1520-14085 XE1CI
1521-14081 LX1TI
1528-14087 HK3SGP
1533-14086 OD5PL
1543-14083 HK3SGP
1533-14086 OD5PL
1620-14087 XE1CI
1633-14086 HAM2VB
1715-14085 4S7NR
1758-14084 9Q5PA
1839-14085 4L1BR
1852-14081 HK3SGP
1855-14082 XT2DP
1906-14084 4L1BR
1935-14086 Z37CEF
1953-14085 5H3LM
2205-14090 UA2FP
2052-14085 PJ2MI
2054-14086 OY4TN
2221-14083 YV1AVO

MONDAY 12
0103-14081 UN5PR
1051-14081 OY5TN

TUESDAY 13
0347-14082 FO5OP
1056-14082 UN5PR
1130-14086 UA2PF
1428-14083 LX1WH
2033-14086 XT2DP
2107-14087 CU1AC
2206-14088 EA9JZ

WEDNESDAY 14
0043-14085 OY5TN
0046-14086 UN5PR
0134-14087 UN5PR
0317-14082 FO5OP
1326-14087 VY2RO
1711-14081 4Z5AV
1729-14089 CN8GB
1819-14088 EA9JZ
1826-14081 XT2DP
1839-14088 EA9JZ
1919-14081 Z37CEF

1924-14088 XT2DP
1933-14081 XT2DP
1936-14084 OY5TN
2040-14089 EA9JZ
2043-14085 OA4BR
2112-14087 XT2DP
2113-14089 EA9JZ
2144-14086 XT2DP
2227-14085 IG9RAI LAMPEDUSA ISLAND AF-019
2238-14087 S58AA
2323-14082 FO5OP

THURSDAY 15
0904- 7080 ED5RGC
1528-14082 ON53HY
1540-14083 EA9JZ
1317-14087 UN7GY
1844-14081 XT2DP
1854-14086 7J1AYK/JD1

NOTES OF INTEREST:

ALAND ISLAND, OH0. OH1KAG AND OH3LQK, WILL BE SIGNING
OH0KAG AND OH0LQK 18-25 AUGUST. RTTY, SSB AND CW. QSL
VIA BUREAU OR HOME CALLS.

NIGERIA, 5N. W0AW, N9NS, K8JP AND G0LMY, WILL BE ACTIVE 22
OCTOBER TO 3 NOVEMBER. RTTY PLANNED. THEY WILL ALSO BE ACTIVE
IN THE CQWW SSB CONTEST AS 5N9N. QSL VIA N2AU DIRECT ONLY.

THE VK2SG RTTY DX NOTES ARE ALSO AVAILABLE ON THE INTERNET
AT REFLECTOR DIGITAL-DX AT ST.RIM.OR.JP. CHECK ALSO THE OH2BUA
WEBCLUSTER AT URL HTTP://WWW.CLINET.FI/JUKKA/WEBCLUSTER.HTML.

FOR NEXT WEEK'S BULLETIN SEND YOUR BANDPASS TO
JULES, W2JGR AT W5KSI.?NOLA.LA.USA.NA

REMEMBER, DX DON'T SLEEP.
GL DE BOB, WB2CJL AT W5KSI. HASHSIGN NOLA.LA.USA.NA

QST DE W1AW
DX BULLETIN 38 ARLD038

THIS WEEK'S BULLETIN WAS MADE POSSIBLE WITH INFO PROVIDED BY
CHRIS, G4BUE, THE DX NEWS SHEET, PIERO, IK1TZO, THE ISLAND
NEWS BULLETIN, JEAN MICHEL, F6AJA, THE 425 DX NEWS, MAURO,
I1JQJ/KB2TJM, TEDD, KB8NW, THE OPDX BULLETIN, AND CONTEST
CORRAL FROM QST. THANKS TO ALL.

OGASAWARA, JD. LISTEN FOR JD/7J1AYK. THIS LARGE OPERATION
SHOULD LAST FOR 9 DAYS.

TUNISIA, 3V. EDDIE, G0AZT, WILL BE ON THE AIR OCTOBER 9 TO 13 WITH LOW POWER RTTY ON 80 THROUGH 10 METERS.

ISRAEL, 4X. 4X9 AND 4Z9 PREFIXES FOLLOWED BY A THREE LETTER SUFFIX ARE BEING USED BY NOVICE CLASS LICENSES. WORK THEM ON 40 AND 15 METER CW.

TONGA, A3. PAUL, KK6H, HAS BEEN ACTIVE SINCE AUGUST 1 SIGNING A35RK ON 40 TO 15 METER CW, RTTY AND AMTOR. HE WILL BE ON 80 AND 10 METERS WHEN OTHER ANTENNAS ARRIVE. QSL VIA W7TSQ.

SEYCHELLES, S7. PADDY, S79MAD, IS ON AROUND 28500 KHZ WEEKDAYS AT 1300Z AND WEEKENDS AT 1000Z.

THE OHIO/PENN DX PACKETCLUSTER
DX BULLETIN NO. 267. EXCERPTS

THANKS TO THE NORTHERN OHIO AMATEUR RADIO SOCIETY, NORTHERN OHIO DX ASSOCIATION, OHIO/PENN PACKETCLUSTER NETWORK, K4CEF, W5IJU ? ISLAND NEWS, WB6VGI, NL7TB, DF4RD, DL9GOA ? THE DX NEWS LETTER, F6AJA, G4BUE ? THE DX NEWS SHEET, JA1IDY, LU1DZ, ON6JG AND W. M. LOESCHMAN FOLLOWING DX INFORMATION.

3V, TUNISIA. THE DXNS REPORTS THAT EDDIE, W6/G0AZT, WILL BE ACTIVE OCTOBER 9-13TH, FROM 3V8BB. OPERATIONS WILL BE MOSTLY RTTY 80-10 METERS LOW POWER. QSL DIRECT ONLY.

5R, MADAGASCAR. THIS IS JUST A REMINDER? LOOK FOR JEAN MICHEL, F6AJA, WHO IS VISITING GERARD'S, 5R8EN, QTH AND WILL BE ACTIVE FROM AUGUST 18TH TO SEPTEMBER 8TH.

7P, LESOTHO. MARTIN, G4FUI, IS ACTIVE AS 7P8/G4FUI ON CW/SSB. HE WILL BE THERE UNTIL THE BEGINNING OF DECEMBER. QSL VIA HOMECALL.

J8, ST. VINCENT. BUZZ, N5FTR, WILL BE ACTIVE FROM SEPTEMBER 2-7TH. BUZZ IS GOING TO REQUEST A J8 CALL BUT MAY HAVE TO SIGN J8/N5FTR. OPERATION WILL BE MAINLY ON SSB, BUT CW GEAR WILL BE TAKEN.

KG4, GUANTANAMO BAY. LARRY, WB6VGI, WILL ONCE AGAIN BE ACTIVE FROM KG4 LAND FOR A 2 WEEK PERIOD STARTING ON THE 10TH OF SEPTEMBER. LOOK FOR KG4ML ON THE WARC BANDS (PRIMARY BANDS) AND OTHERS AS REQUESTED.

SV8, IONIAN ISLAND (GREECE). SV1DPL AND SV1CID PLAN TO BE ACTIVE FROM THIS ISLAND (EU-052) AND SEVERAL OTHER GREEK ISLANDS UNTIL THE END OF THE MONTH. ACTIVITY WILL BE ON 160-10 METERS. QSL VIA SV1CID.

SV9, CRETE. ISLAND NEWS REPORTS THAT IVAN, IK7VEK, WILL BE ACTIVE AUGUST 21-29TH, AS SV9/IK7VEH. ACTIVITY WILL BE MAINLY SSB. QSL TO CBA.

COMING EVENTS

SEPTEMBER 28TH-29TH CQ/DJ WW DIGITAL

STATION IDENTIFICATION DE VK2TTY VK2TTY PAGE 6

OCTOBER 19TH-20TH JARTS WW RTTY

Society information

The Society may be contacted at : PO Box 860, Crows Nest 2065
Australia, for such matters as membership and general
enquiries. Enquiries can also be made by packet to the
President (Col) VK2CTD at VKWI2, or the Secretary (Pat) VK2JPA
at VK2WI.

News items may be sent to Broadcast Officer PO Box 60
Blacktown 2148 Australia, or fax to (02) 9672-3392, or by
packet to VK2JPA at VK2WI.

Email address for the Broadcast Officer is :

patl(at)pitt.conmusic.su.oz.au
or patl(at)extro.ucc.su.oz.au

73s de Pat VK2JPA Broadcast Officer
--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2KFU.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | D8 15 71 F9 26 C8 63 40 5E 63 5C 65 FC A0 22 99

1706. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: billsohl@planet.net
Message-ID: <4vthl1$8sa@jupiter.planet.net>
Source record: 218104
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

<zut@cais.com> wrote:

>By now you have probably received your September 1996 QST with the ARRL's
>"WRC-99 Survey. If you thought the survey questions failed to cover all
>the topics, lacked objectivity, appeared one-sided, and/or seemed to beg
>for answers that supported destroying the international Morse requirement,
>now a part of Article S25 of the ITU Regulations, you were not alone.
>
>In addition, most of the questions are phrased in a manner that have been
>heavily criticized as being prejudicial and biased toward supporting
>eliminating the international HF Morse code requirement.

I guess it's all in the eyes of the beholder. As I read the
questions I could clearly see that they were an attempt
to force people to justify their support of CW on more than
just an emotional or (I did, so should you) basis.

Frankly, that's the position I and several others have
also noted with regard to ANY regulation. In the role
of geovernment regulation, any testing that is done to
obtain any license MUST be constantly examined for
the relavance in contemporary activity or the requirement
should be eliminated or otherwise changed to reflect
what is contemporary.

Mere use of CW by some percent of hams no longer
constitutes a valid reason to mandateall hams on
HF must learn that mode.

Bill Sohl K2UNK
ARRL Local Gov't Liaison, Mt. Olive Township, NJ

1707. Re: CORRECTION - FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: billsohl@planet.net
Message-ID: <4vthkt$8sa@jupiter.planet.net>
Source record: 218105
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.antenna

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>A final note. The standard requires exposures to be averaged
>over a 6 minute period for operators, or a 30 minute period
>for the general public (whose standard exposure levels are
>lesser than for operators). So a station whose peak exposures
>violate the standard may still be Ok if the average exposure
>level is sufficiently lower than the peak. Again this is a
>somewhat *political* decision and doesn't mean it is safe.

Wouldn't a typical case for an amateur set-up be one in which
the result is at least divided by two as a result of the typical
amateur QSO being a 2 way communication with an average
duty cycle being 50%?

Additionally, for general public exposure, it would seem that
most situations would result in even lower exposure levels
because of movement by the "public" through an area
as opposed to sitting in one place. Granted there may be
some exceptions to that, but I can't think of any at the
moment.

In another post, Clay N4AOX said:
> Hmmm, based on what you say, it seems that other thinkgs being equal a
>low duty cycle mode like Morse OOK CW would be provide a lower exposure
>to operators and the public when averaged over the same amount of time
>than say an FSK mode. In other words Morse code, among other positive
>attributes is more healthy than some of the newer fad modes. ;-)

That too would improve (i.e. leesen an otherwise high or excessive
value that might be generated by calculation). As Clay notes,
CW is not a continuous transmission, so a duty cycle for transmit
only can probably be fairly easy to calculate. On that same
basis, SSB transmissions do not contain the Peak levels
except at certain speech patterns, so some average value
or correction factor would be helpful when calculating SSB
averages.

Bill Sohl K2UNK
ARRL Local Gov't Liaison, Mt. Olive Township, NJ

1708. Re: ARRL WRC-99 Survey

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: carl@ais.net
Message-ID: <4vtkb1$3v0@news.ais.net>
Source record: 218106
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In <4vsg40$fh8@orion.aoc.nrao.edu>, dfinley@newshost.aoc.nrao.edu (Dave Finley) writes:
>
>Any useful survey on this topic (the Morse Code requirement) MUST
>include amateurs who are not ARRL members. Though ARRL members
>constitute only about one-fourth of licensed amateurs, the ARRL
>position most likely will be accepted by the FCC and State Department
>as representative of at least a majority of amateurs. The League
>has for years considered itself, and been considered by the FCC,
>as the voice of amateur radio on regulatory matters. In order to
>legitimately act as that voice, this survey must include non-members.
>
>The issue of Morse testing will affect the whole of amateur radio,
>not just ARRL members. Many people on both sides of the issue feel
>that the decision made at WRC-99 will have a strong effect on the
>future of the amateur service. I feel that, by reaching out to
>solicit the opinions of all amateurs, not just members, the League
>has shown that it recognizes and accepts the responsibility of
>acting as a leadership organization and working for the benefit
>of the entire amateur service.
>

Dave,

Well said ... I just hope that the "random" survey includes folks other
than just those who are "life members", QCWA, or Brass-Pounder's League
and 30WPM endorsement certificate holders.

I'm afraid that, based on past positions and performance on this issue I
have a very hard time beleiving that the ARRL truly wants to hear the
truth on this matter. I believe that the realize that they have to give
an appearance of fairness and even-handedness, but I'm also of the
opinion that, given half the chance, they'd just as soon stack the deck
in favor of retaining CW requirements and then tell the FCC "See, we
told you so last time, too."

I'd *really* like to be wrong on this one.

Carl - wa6vse
carl@ais.net

1709. Re: Hog Mobile -- any hams doing it? (not a Joke).

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: Tovar <tvr@alive.com>
Message-ID: <322259E7.2781@alive.com>
Source record: 218107
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

> I don't think the state of the art of noise cancellation mics
> has made this possible yet. :-)

We have someone regularly using a local repeater "motorcycle mobile"
and his audio is just fine. If i suspect that if you're mouth is an
inch or so from the mike, it'll win easily over the noise if it's
not to badly in the wind. I would bet one may even be able to
homebrew something, using ordinary headphones and a cheap electret
microphone available at Radio Shack. I removed one of the earphones
and made a switch that i can actuate with both hands on the wheel,
so it's both 'street legal' in California and reasonable safe to
operate. The project was written up in QST about the time I got my
license, and i'll either give an exact date or a write-up of my
version of the project upon request. The hard part is probably
making it rugged enough that it doesn't need aperiodic maintenance.

-- KD6PAG (networking old-timer, RF newbie)

1710. Thinking about getting a new HF rig after 16 years.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: mike_j@ix.netcom.com
Message-ID: <4vtl2i$q2v@dfw-ixnews2.ix.netcom.com>
Source record: 218108

Hi All,
My Ten-Tec OMNI, HF SSB rig is about to give up the ghost and I
wondered what others would recommend for a new rig after having the
same rig for 16 years or so.

73 de "Jug" WA6MBZ

--

****
Name: Michael P. ("Jug") Jogoleff
Call: WA6MBZ
AX.25: WA6MBZ@K6TZ.#SOCA.CA.USA.NOAM
Phone: 805-966-4808, Message or FAX

Snail Mail: 1324 Panchita Place, Santa Barbara, CA 93103-2223
Grid Square: DM04DK
Position: 34.431415 Deg., ie, North Latitude
-119.698060 Deg., ie, West Longitude

E-Mail: mike_j@ix.netcom.com
103225.3614@compuserve.com
mike.j@worldnet.att.net

Monitor
Frequently: 52.920 MHz. -, 145.050 MHz. S, 146.790 MHz. -
223.920 MHz. -, 224.080 MHz. -, 224.120 MHz. -
446.400 MHz. -, 1284.050 MHz. -, 1286.200 MHz. -

Check in
Frequently: 223.920 MHz. Daily at 21:00 PLT.
3856.000 KHz. Daily at 20:00 PLT, LSB.

end
****

1711. PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: Dr Tony Farrow <tony@mpce.mq.edu.au>
Message-ID: <322341F8.4DC7@mpce.mq.edu.au>
Source record: 218109
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

Hi all,

Can anyone recommend a brand of 70cm radio from any of the major
ham-radio manufacturers that is really suitable for 9600 baud packet? I
wonder if there are any PLL sets that are satisfactory?

Thanks & Cheers,

Tony vk2tjf

--

Dr Tony Farrow,
Physics Dept.,
Macquarie University,
Sydney,
Australia 2109.

Phone: (62) 02-9850-8900
Fax: (62) 02-9850-8115

1712. *****For Sale*****Kenwood TH79A*****

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: "Benajmin J. Linden" <bjl@citilink.com>
Message-ID: <01bb93cf$9077bc20$4fd00bce@bjl.ppp>
Source record: 218110

I have a Kenwood TH79A for sale. I have many accessories to go with it such as a protective cover, microphone, 5 watt battery. I have used it very little, the reason I need to sell it is that I need money for College.

I'm asking $450.00 US or Better Offer!

I can be reached by E-Mail at bjl@citilink.com

1713. Mods for a Yaesu FT201?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: cabrams@sisna.com
Message-ID: <32225dff.0@news.sisna.com>
Source record: 218111

Can anyone tell me how to modify an FT201 to operate
on MARS frequencies? 4020 mhz

1714. Re: ARRL WRC-99 Survey

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <4vttk6$1o3@anomaly.ideamation.com>
Source record: 218112
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <4vtkb1$3v0@news.ais.net>, <carl@ais.net> wrote:

>Well said ... I just hope that the "random" survey includes folks other
>than just those who are "life members", QCWA, or Brass-Pounder's League
>and 30WPM endorsement certificate holders.

As an ARRL Life Member, I can assure you the only survey I received
was the one included in my copy of QST.

MD
--
--
-- "I have more guns than I need, and less guns than I want." -- Phil Graam
--
-- If you don't like my opinions, that's just too damn bad.

1715. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <4vttom$1p1@anomaly.ideamation.com>
Source record: 218113
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <4vthl1$8sa@jupiter.planet.net>,
Bill Sohl <billsohl@planet.net> wrote:

>Mere use of CW by some percent of hams no longer
>constitutes a valid reason to mandateall hams on
>HF must learn that mode.

"The small percentage of hams who construct their own
transmitting/receiving radios no longer constitutes a
valid reason to mandate all hams on <insert mode here>
must be tested in that applicable theory."

Yup. Same logic.

MD
--
--
-- "I have more guns than I need, and less guns than I want." -- Phil Graam
--
-- If you don't like my opinions, that's just too damn bad.

1716. Re: CORRECTION - FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: Steve Ickes <thebizlk@pop.erols.com>
Message-ID: <3222ACA7.168B@pop.erols.com>
Source record: 218114
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.antenna

Nine stations surveyed is not anywhere near a statistically significant
sampling. Further, the findings were not used to provide any exemptions
for scenarios which did not exceed the regulation.

Most other services received exemptions for particular scenarios.
Amateur radio received none, except the 50 watt PEP output (no mention of
antennas config or EIRP) which is not technically sound.

The 9 station study is/was essentially useless.

S

Gary Coffman wrote:
>
> In article <frederick.mckenzie-1-2308961844560001@k4dii.ksc.nasa.gov>
frederick.mckenzie-1@kmail.ksc.nasa.gov (Fred McKenzie) writes:
> >In article <1996Aug21.155557.3774@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us
> >(Gary Coffman) wrote:
> >> There is documented evidence that exposures of greater than 10 mW/cm^2
> >> can cause harm. In particular, cataracts or loss of focal flexibility
> >> due to RF heating of the lens of the eye, and in some cases cancers.
> >>
> >Gary-
> >>
> >I believe you! Now, how does that relate to the average Ham? Although 10
> >mW/cm^2 sounds like a miniscule amount, it doesn't sound so bad when you
> >convert it to 100 W/M^2 (did I do that right?).
>
> That's right, and it's the field you'd see 36.1 cm from the radiation
> center of a dipole with a 100 watt transmitter driving it, or 8.1 cm
> from a 5 watt transmitter's antenna, IE a HT with a rubber duck held
> in front of your face.
>
> >What are "real world" exposure levels that a Ham is likely to encounter in
> >each of several areas of the Ham spectrum? Suppose I have a 100 Watt HF
> >transceiver to a dipole, about 20 feet off the ground. Is anyone at risk
> >while I'm on the air? What if I run a KW? What if I use a beam that is
> >50 feet up?
>
> The HF transceiver and dipole would be generating a field in excess of
> the standard for H-field exposure (depending on antenna orientation with
> respect to the point of measurement). You're still in the near field at HF
> frequencies, and the behavior there is more complex. We have to look at

> E-field and H-field exposures separately, and not just at power density.
> (You'd be Ok with respect to power density alone at that separation.)
>
> A kW would aggrevate the situation. 10 db power gain equates to a 3.16
> times larger exposure radius for the same field intensity. A beam on a
> 50 foot tower would generally be in compliance with the standard, even
> at a kW (barring some obscure pattern anomaly caused by the particular
> installation, IE feeder radiation). That's because its pattern isn't
> isotropic, and the main lobe would be well above populated areas.
>
> >How about a typical Two Meter installation?
>
> An on-glass antenna installation with a 100 watt transmitter in a car
> would exceed 10 mW/cm^2 exposure at the driver's (or passenger's)
> position. A cowl mount might too. A roof mount would generally be Ok
> (except for people standing next to the car). At home, a spacing of
> 1.61 meters from the operator would be outside 10 mW/cm^2, but would
> have to be 5.1 meters away to meet the 1 mW/cm^2 exposure standard.
> In general, the new standard requires a spacing of 3.16 times greater
> than the old ANSI-82 10 mW/cm^2 standard required on 2m. If you're
> using a gain antenna, things become more complicated. In the main lobe,
> safe exposure distances have to increase in proportion to the power gain,
> in the pattern nulls, safe exposure distances are lessened from what
> they would be with an isotropic source.
>
> >What I'm leading up to, is that the FCC might accomplish more, if they
> >were to perform the math (or make the measurements) for common situations,
> >and publish examples where harm might occur.
>
> They did. About a year ago, the FCC OET went out in the field and
> examined 9 amateur installations picked at random. The results are
> available as a PDF file on the FCC web site (148 kb file). While
> many amateur installations were within the NCRP-86 limits, they
> found some which weren't. And those weren't aberrant installations,
> but rather some fairly common ways amateurs set up their stations.
>
> IMHO, the most common dangers for amateurs operating VHF+ are
> on-glass mobile antennas with typical VHF rigs at power levels
> of 25-45 watts, and using a 5 watt HT held in front of the face.
> (Note that these setups are exempt from the new regulations
> for *political* reasons, but that certainly doesn't mean that
> they are safe. It is no accident that 50 watts was chosen as
> the cutoff point. Look at the power output of the typical VHF
> mobile rig, they fall just under the exemption limit.)
>
> For amateurs operating on HF, the big danger areas are indoor
> antennas and ground mounted verticals. The FCC did find some
> "hot spots" in stations using open wire feeders or end fed long
> wires. (Mobile setups are at risk too, but at HF the car body does
> offer some Faraday shielding for the operator. The big hazard is

> to members of the public standing outside a parked car that has
> an operating HF setup.)
>
> A final note. The standard requires exposures to be averaged
> over a 6 minute period for operators, or a 30 minute period
> for the general public (whose standard exposure levels are
> lesser than for operators). So a station whose peak exposures
> violate the standard may still be Ok if the average exposure
> level is sufficiently lower than the peak. Again this is a
> somewhat *political* decision and doesn't mean it is safe.
>
> A non-amateur example: a 250 kW pulse radar whose average power
> is only 100 watts might meet the standard but still fry your eyes
> in some situations. Peak power does matter in some cases. I've
> tried to heat hotdogs by holding them in front of radar dishes
> with a wooden stick. The dog's surface *explodes* into blisters,
> but the center remains cold because the *average* power is too
> low to cook it through. When I do this using our satellite uplink
> truck's dish (800 watts FM), the dog cooks nicely because it's in
> a constant power field of sufficient intensity. Those explosive
> blisters could still do you harm, even if they don't cook you
> through like a beam with higher average power can.
>
> Gary
> --
> Gary Coffman KE4ZV | You make it, | Due to provider problems
> Destructive Testing Systems | we break it. | with previous uucp addresses
> 534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
> Lawrenceville, GA 30244 | |

1717. Re: Icom R-7000

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: anthonys@ix.netcom.com
Message-ID: <4vtvp5$q21@dfw-ixnews10.ix.netcom.com>
Source record: 218115

In <32228DBD.334A@Skypoint.com> Tom Kutz <tkutz@Skypoint.com> writes:
>
>Hi;
>I have an Icom R-7000 that I don't think works above 1 Ghz.
>I thought that I should be able to hear the GPS signals on
>1575.42 Mhz. I can't hear anything. In fact I never hear any
>signals above 1 Ghz. Works fine below.
>
>Any help??
>
>Tom
>WA0LRE
>tkutz@skypoint.com
>

Tom, GPS is spread spectrum technology so I don't think you
will "hear" anything. I can't be certain for I've never tried it.
In addition, the signals are sub-microvolt strength.

-=Tony=- W6ANV

1718. Re: SAMS Needs Your Electronics URLs

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: billn@PEAK.ORG
Message-ID: <4vtu78$8r@bashir.peak.org>
Source record: 218116
Cross-posted to: rec.antiques.radio+phono,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.video.satellite.dbs,rec.video.satellite.europe,rec.video.satellite.misc,rec.video.satellite.tvro

Gregg (gregglns@ix.netcom.com) wrote:
: >
: >After deciphering "If you can read this, you really ought to get out
: >more," I decided the effort greatly outweighed the rewards!

: Jeff, you're using the built-in newsreader in the Netcruiser software.
: It's crap. Try using Free Agent -- and, if you like it, you can buy
: Agent -- and you can do ROT13 with a couple of mouse clicks. Much
: more importantly, you can also do most of your Usenet news stuff
: offline.

Or, if you use 'tin' as the newsreader, you can do so by simply pressing
a lower case d key while in read mode.

Bill

1719. Re: ARRL WRC-99 Survey

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: armond@delphi.com
Message-ID: <JVCSKYU.armond@delphi.com>
Source record: 218117

Dave Finley <dfinley@newshost.aoc.nrao.edu> writes:

>include amateurs who are not ARRL members. Though ARRL members
>constitute only about one-fourth of licensed amateurs, the ARRL

You say ARRL represents only 1/4 of licensed amateurs. Actually, at least half, maybe more, of the "licensed hams" possess no equipment and are not on the air. They (pardon the cliche) couldn't care less. Of the hams who are active, on the air, mult-band and multi-mode, I would say that the overwhelming vast majority are ARRL members.

1720. Re: Thinking of purchasing a handheld scanner

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: rhys@ix.netcom.com
Message-ID: <4vtsp9$nfk@dfw-ixnews10.ix.netcom.com>
Source record: 218118
Cross-posted to: alt.radio.scanner,rec.radio.scanner,alt.radio.pirate,rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.policy

geordi_laforge@thepentagon.com (Douglas Alexander) wrote:

>I am thinking of purchasing a handheld scanner

>I have been told the following units are quite nice:

> Uniden BC3000xlt
> ICOM R1
> AOR 2700

>I would like to get some feedback on the quality and capabilities of these
>or other recommended units before I purchase.

>Please email feedback to geordi_laforge@thepentagon.com

>--
>geordi_laforge@thepentagon.com
>--

>Douglas Alexander
>Florida Power & Light
>Turkey Point Nuclear Plant
>Nuclear Operations Department

>--
>Pardon me,
>I am from the 24th century,
>and I'm heading back as soon as
>Doc Brown fixes the Flux Capacitor!

I've owned probably 40 different handheld scanners in the last five years and there is no doubt in my mind that none of the above is the correct answer.

If you can find a pro-43 at a reasonable price grab it. The later ones cannot be unblocked for cellular and I've never owned one of them so I can't tell you much about them but the earlier ones (don't ask me dates) have the best audio, intermod rejection, image rejection, and ergonomics of anything that I've ever used. I've always kept at least one even though I've bought and sold many.

Dr. Electrode
a.k.a. Larry Wolken N3OJD
voice (202) 291-9303

1721. chasteen@juno.com (John T Chasteen): Crystal FT-241

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: chasteen@juno.COM
Message-ID: <19960826.225151.8926.5.chasteen@juno.com>
Source record: 218119

St. John of Wood Dale ======================================
John Chasteen (Near the center of the Universe...)
1 Thes 5:16 (Near Chicago, Illinois.. USA)
voice 630-860-2580 chasteen@juno.com
==

--------- Begin forwarded message ----------
From: chasteen@juno.com (John T Chasteen)
To: Multiple recipients of list <boatanchors@theporch.com>
Subject: Crystal FT-241
Date: Fri, 23 Aug 1996 23:24:27 -0500 (CDT)
Message-ID: <19960825.203759.3134.6.chasteen@juno.com>

>From:chasteen@juno.com (John T Chasteen)
>To: BA

>I have some FT-243 chan 271 (5700KHz) through Chan 388 (8625 KHz).
>
>How can they be utilized?
>I am not trying to sell any since they are 25 Khz apart.
>
>Thanks for the help.
>
>john
>
>St. John of Wood Dale ======================================
>John Chasteen (Near the center of the Universe...)
>1 Thes 5:16 (Near Chicago, Illinois.. USA)
>voice 630-860-2580 chasteen@juno.com
>

--------- End forwarded message ----------

1722. chasteen@juno.com (John T Chasteen): Multi-Band Mobile VHS equipment

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: chasteen@juno.COM
Message-ID: <19960826.225151.8926.4.chasteen@juno.com>
Source record: 218120

--------- Begin forwarded message ----------
From: chasteen@juno.com (John T Chasteen)
To: ham-tech@netcom.com
Subject: Multi-Band Mobile VHS equipment
Date: Fri, 23 Aug 1996 20:25:18 EDT
Message-ID: <19960825.192253.3134.2.chasteen@juno.com>
References: <199608231902.MAA26472@goodguy.goodnet.com>

Hello all

I am starting to plan for the first new equipment to be placed
in Ford Club Van.
Something that can be used on the road and maybe pulled
out and used in the new Ham Shack.
Planning my return to Ham Radio after 35 years.
Any suggestions will be appreciated.

I've been looking for information on e-mail,Internet addresses,
or Telephone numbers of all the Ham Type magazines. So
far all I have is QST. Libraries and local stores don't carry any.

Hope to hear from you and you...

73 john

St. John of Wood Dale ======================================
John Chasteen (Near the center of the Universe...)
1 Thes 5:16 (Near Chicago, Illinois.. USA)
voice 630-860-2580 chasteen@juno.com
==

--------- End forwarded message ----------

1723. Sale: Icom Z1A

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: kaf3@axe.humboldt.edu
Message-ID: <3222b180.345726200@199.4.94.14>
Source record: 218121

Selling my Icom Z-1A with detachable face plate. Brand new, I just got
it a month ago, but have gotten a car rig, so am departing with the
HT. I have the tone squelch, pocket beep, Rechargable battery case,
Ni-Cd batter, leather case, antenna, origianl docs, and box.
I bought it for $450.00, I'm selling it for $350.00 OBO. Not a
scratch on it, I have the origianl box and everything.

Thanks

1724. Portable VHF mark ALINCO model DJ180E

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: Paolo Tealdi <s76511@athena.polito.it>
Message-ID: <3222B28E.41C67EA6@athena.polito.it>
Source record: 218122
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.amateur.scanner,rec.radio.amateur.shortwave,rec.radio.amateur.swap

A friend of mine is a radio amateur and he has got this transceiver
radio:
RTX mark ALINCO
ELECTRONICS INC. JAPAN
Portable VHF
model DJ180E

He has got two questions about this radio:
1) How can he modify his radio to extend the band from 144/146 MHz to
130/170 MHz?
2) Can he receive the "manual for use" of this radio? (A photocopy of
the manual is acceptable too!)

For details, please conctact me through my personal e-mail address.
Thank you very much!

Paolo Tealdi - Italy
E-mail: s76511@athena.polito.it
WWW: http://www.polito.it/~s76511/index.html

1725. Re: What's our state of the art?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: Bob Lewis <rlewis@staffnet.com>
Message-ID: <3222DC0E.32AB@staffnet.com>
Source record: 218123

PGSPersEng wrote:
>
> Hi gang,
>
> I'd like some suggestions for a piece I'm writing.
>
> Specifically, I'm the editor of Personal Engineering & Instrumentation
> News, and I plan to write my lead editorial in the October issue on the
> topic of ham radio. What I'm trying to do is break down the stereotype of
> an old fart sitting in front of a CW key or mike on the HF bands on a
> ragchew. I want to show my readers (all of whom are scientists and
> engineers) that we're doing some really nifty state-of-the-art
> stuff...that we're still the experimentors and innovators of old...that
> the hobby can present some interesting technical challenges.
>
> So, what is the state of the art? What kind of unusual attention-grabbing
> things are we doing? Remember, I'm trying to grab their attention, so I
> have to present the examples in a non-esoteric way and come up with a few
> that really give the light-bulb effect (gees, hams can do *that* !!??!!)
>
> Just off the top of my head (I'm only starting to think about this piece),
> things that come to my mind include:
> * conversations with MIR and other space vehicles
> * satellite operation (actually becoming pretty commonplace)
> * moonbounce
> * international packet networks.
>
> I'll have room for only a handful of examples, but I'm wondering what
> *you'd* put in if you had the chance?
>
> Thanks for any suggestions,
> Paul, AA1MIPactor II (see the SCS or PacComm home page), Clover, Packet, satelites.

1726. Re: Inter-Agency Comm. lacking

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: Jay MacNEILL <jmacneil@direct.ca>
Message-ID: <3222E001.2D5F@direct.ca>
Source record: 218124
Cross-posted to: alt.law-enforcement,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.misc

John Moran wrote:
>
> heard a crime spree unfold on the scanner yesterday (Sat 8/24) in the
> Phoenix area that seemed to show the lack of communication or difficulty
> of coordination amoung different agencies:
>
> Subject steals car from auto Dealership, (Phoenix) commits a robbery
> (Phoenix), races across town, gets on the Freeway (DPS/Highway patrol),
> gets to the tempe area, dumps his corvette and steals another car from a
> car wash (tempe). the two guys split up, one breaks into an apartment and
> holds up there for hours (tempe), while his partner attemps a robbery and
> car jacking in Scottsdale.
>
> I have 4 scanner radios here on my desk by my computer. I was able to use
> one radio to monitor the Phoenix PD Chase frequencies (154.89/453.1) and
> scan the other phoenix frequencies. I used my second Scanner to monitor
> the Highway Patrol Frequency (460.325), I used the third radio to monitor
> the Tempe (860.7375, 859.7375) and Scottsdale (860.9625, 859.9625)
> frequencies. I used my Sony-2010 to monitor the aircraft frequencies for
> any helicopter activity.
>
> it seemed that during this entire incident one agency had difficulty
> figuring out what the other was up to unless a represenative from each
> agency was standing side by side....Each of the dispatchers (Highway
> patrol, Phoenix, Tempe,and Scottsdale) acted as if they had no knowledge
> of what was happening on the other frequencies!
>
> The Fire Departments use an interagency frequency (154.28) thats used by
> all responding fire units when there is a fire involving multiple fire
> departments.
>
> This makes the case for an interagency frequency where all agencies
> involved in a chase or crime spree that goes across jurisdictions can be
> in instant contact with each other and easily share information....IN
> most cases, a dispatcher from agency A will call Agency B..Sometimes, a
> helicopter will come up on the frequency used by the other agency.
>
> JOHN

Note of Interest.
Here in Vancouver BC Can, We are in the process of installing a regional
Wide area emergency radio system which should be up and running by the summer
of 1998.

The system chosen is to be an 800Mhz digital trunking system,
covering an area from Pemberton to Sechelt---Vancouver to BostonBar,
Continuing down to the Canadian/US border with a few coventional Vhf repeater
tie-ins for out of area units.
The system is to be used by all emergency agencies, RCMP\Vancouver City
Police and Fire units plus other municipality fire and emergency service
Units.
The Provincial ambulance sevice will also operate on this new system too.

Its about time that this system was put into place......

There's One thing I can't figure out, Is why there was'nt a mutual aide radio
system started back ten years ago with the advent of multi channel\frequency
synthisised Radios?
The US have had systems for mutual aide for years???????

For more information on this new system
check out the the city of Vancouvers home page
at http://www.city.vancouver.bc.ca

1727. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: Jim Cummings <jcumming@clark.dgim.doc.ca>
Message-ID: <32231C35.3C34@clark.dgim.doc.ca>
Source record: 218125
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Michael P. Deignan wrote:
>
> In article <4vthl1$8sa@jupiter.planet.net>,
> Bill Sohl <billsohl@planet.net> wrote:
>
> >Mere use of CW by some percent of hams no longer
> >constitutes a valid reason to mandateall hams on
> >HF must learn that mode.
>
> "The small percentage of hams who construct their own
> transmitting/receiving radios no longer constitutes a
> valid reason to mandate all hams on <insert mode here>
> must be tested in that applicable theory."
>
> Yup. Same logic.

Not quite. Deignan has conveniently side stepped the issue of mitigation of interference. With respect to learning the theory for the various modes of transmission, regardless of whether the individual home-brews a rig, or buys the latest from Ten-Tec, Icom or whatever. It doesn't matter whether one uses Pactor, SSB, SSTV or CW, the potential for interference is the same. However, the knowledge of the Morse code in no way contributes to satisfying the government, who administers the radio frequency spectrum for all users, that the individual has the requisite knowledge for operating an amateur station with due regard to the interference potential to other users in the radio frequency spectrum. In fact, Sohl's suggestion does indeed continue the same logic as to the presumption that amateurs are free to pursue their interests with little interference with the government. Just as the government does not require any of use to have digital, phone or SSTV capabilities, or equip our station to undertake certain investigations, i.e. EME, meteor scatter, etc., it only follows that the knowledge of Morse code should be optional regardless of the desired frequency of operation. Not only is it logical to abolish Morse code testing, it is also fair to do so.

>
> MD
> --
> --
> -- "I have more guns than I need, and less guns than I want." -- Phil Graam
> --
> -- If you don't like my opinions, that's just too damn bad.

1728. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4vuu8v$mlk@lehi.kuentos.guam.net>
Source record: 218126
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

carl@ais.net wrote:

>I'm a member, by the way (and a with-code ham licensed continuously
>since 1975)... although there have been MANY times when I've considered
>NOT renewing for the very same reason.

>Carl - wa6vse
>carl@ais.net

Does that mean you actually OPERATE on CW in the novice CW bands Carl,
or does that mean you could if you wanted to ?

Hafa Adai,
Jim KH2D

1729. Re: ARRL WRC-99 Survey

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4vuu8t$mlk@lehi.kuentos.guam.net>
Source record: 218127
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

>In article <4vtkb1$3v0@news.ais.net>, <carl@ais.net> wrote:

>>Well said ... I just hope that the "random" survey includes folks other
>>than just those who are "life members", QCWA, or Brass-Pounder's League
>>and 30WPM endorsement certificate holders.

You better hope so. Else you will spend another 20 years on 2 Meters......

Hafa Adai,
Jim KH2D

1730. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: David Bloodgood <dabldgd@pacbell.net>
Message-ID: <01bb9418$b5fcf340$1641aace@kd6pro>
Source record: 218128
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

Dr Tony Farrow <tony@mpce.mq.edu.au> wrote in article
<322341F8.4DC7@mpce.mq.edu.au>...
> Hi all,
>
> Can anyone recommend a brand of 70cm radio from any of the major
> ham-radio manufacturers that is really suitable for 9600 baud packet? I
> wonder if there are any PLL sets that are satisfactory?
>
> Thanks & Cheers,
>
> Tony vk2tjf
>
In general the multi-mode units - like the Yaesu 736 and others from ICOM
work really well - they use a crystal for the base modulator - you "simply"
couple the TX into the crystal and you are done. They also generally don't
reprogram the synthesizer between tx and rx. There was a review of radios
for 9600 in QST earlier this year - Feb or March I think. Good luck, Dave.

1731. Re: Modern digital versus SSB and Morse (was Re: Commercial CW use)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: w9sz@prairienet.org
Message-ID: <4vuu68$lia@vixen.cso.uiuc.edu>
Source record: 218129
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

>Gary Coffman wrote:
>>
>> In article <321DD7DB.28EC@gte.net> Jim Conn <jconn@gte.net> writes:
>> >carl@ais.net wrote:
>> >>
>> >> In <321CD03B.144A@gte.net>, Jim Conn <jconn@gte.net> writes:
>> >> >I don't get it. The HF bands are not useful for high speed digital work.
>> >> >
>> >> Rediculous ... all it takes is the right modulation and coding
>> >> techniques and a progressive regulatory structure that permits it.
>> >> Obviously higher data rate wider bandwidth transmissions are more easily
>> >> accomodated at higher frequencies, but HF will support FAR beyond 300
>> >> baud FSK packet.
>> >> The cost/bandwidth/performance of HF high speed digital services
>> >render such a thing impractical within the confines of the amateur bands.
>>
>> Nonsense. We have an off the shelf solution in Clover which gives us
>> 750 bps (in OOK Morse terms that's 1125 WPM) in 500 Hz. We can go faster
>> than that. Using a raised cosine FSM, we can put 38 non-overlapping 50
>> baud carriers in a 3 kHz channel. That gives 1900 bps while still
>> maintaining a symbol rate compatible with HF multipath. If we use symbol
>> overloading, as Clover does, we can boost that to 4500 bps. If we more
>> aggressively overload symbols and use some simple coding tricks, we can
>> jump to 7600 bps, still in a 3 kHz channel. If we throw in a bit of
>> compression and some FEC, we can do 11.4 kbps. Subtracting overhead,
>> we can achieve a net 9600 bps in a 3 kHz channel without sacrificing
>> our ability to deal with multipath. And we can do that for less than
>> $100 in DSP parts (or even do up through 4500 bps on a PC with just a
>> sound card and a bit of software, IE essentially free).
>>

I cannot TYPE 1125 wpm. In fact, I can send CW faster than I can type!
I'm not even sure I can TALK 1125 wpm.

This is still a HOBBY ... only a HOBBY. It is what you want to put into
it, and the wonderful thing about it is that it is so diversified there
is something for everyone.

There are those who wish only to chat on 2 meter FM with HT's. Fine ...
there's a place for them and I enjoy their company. There are those who
wish to play around with technology ... fine, they have their places too.
I also enjoy reading about that aspect of the hobby.

Some of us (myself included) are DXers, contesters and VHF DXers/contesters who build their own VHF equipment. We have our places in the hobby, too.

The thing is that it is a communication hobby as well as a technology hobby. Live communication. I'm not trying to send a novel to the guy at the other end; I can do that on Internet. But considering my typing speed I don't need to send data at 2500 wpm or whatever; I just want to communicate with they other guy in real time and if I can send CW at 60 wpm, type at 45 wpm or talk at 300 wpm I'll still exchange ideas.

So for those who wish to see how many novels per hour they can send via CLOVER, well - have fun. I still enjoy reading about your results. But I still like those slower forms of communication, CW and speech. They are also fun in this hobby, to me at least. And to a few others ... I've had several one-hour CW and SSB ragchews recently.

73, Zack W9SZ
--

1732. ICOM 740 problems / manuals

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: gvang@seine.com
Message-ID: <4vuuru$vnm@marcy.concom.com>
Source record: 218130

I have recently acquired an IC740 which has no mic gain, and has some
output when I engage the compressor. The mic is good as it was tried
on another ICOM "worked fine". Don't need it much as I work CW
when I do operate "mostly" .

Would like to get some manuals operator and technical manual.
Copies would be fine.

please respond here or by e-mail gvang@seine.com

Tnx

K5FQ
Gene

1733. FS: TS120S / IC2SRA

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: Paul Knight <pknight@elec.ctl.etn.com>
Message-ID: <32232321.70AF@elec.ctl.etn.com>
Source record: 218131
Cross-posted to: rec.radio.swap,chi.forsale,rec.radio.amateur.misc

Prices lowered:

Kenwood TS120S station; 80-10M SSB/CW rig (no WARC), 200W PEP input,
digital display, w/YK88C CW filter. Rig is in excellent condition.
Includes:

SP120 external speaker
MB100 mounting bracket
Generic hand mic
Owners and Service manuals

$300 plus shipping, for the whole station.

IC2SRA 2M HT; full 2M coverage + 29-905 MHz RX (includes cellular) w/ 2
2M ducks, 2 scanner ducks, BP84 1000 ma/hr pack, AC charger, leather
case, manual, and box.
$225, plus shipping

Please drop me a note if you're interested.
--
Thanks!

Paul Knight WD8DKY
pknight@elec.ctl.etn.com

-or-

PEKnSLK@aol.com

1734. Re: Q codes

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: emtp4355@aol.com
Message-ID: <4vv33m$7al@newsbf02.news.aol.com>
Source record: 218132

In article <3220AF4A.16CC@ibm.net>, "Donald J. Toman" <toman@ibm.net>
writes:

>Does anyone have a comprehensive list of Q-codes? Real telegrapher's
>codes, please. No garbage. Thanks K2KQ
>
>

If any one can I would like a copy too.

Joseph K. Murphy, EMT-P
KF4KEK
emtp4355@aol.com

It's a free country (USA) and I have my own ideas on every thing whether
you agree or not

1735. Re: Icom R-7000

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: rimfire@awwwsome.com
Message-ID: <3223118b.2166313@news.wco.com>
Source record: 218133

On Mon, 26 Aug 1996 22:55:09 -0700, Tom Kutz <tkutz@Skypoint.com>
wrote:

>Hi;
>I have an Icom R-7000 that I don't think works above 1 Ghz.
>I thought that I should be able to hear the GPS signals on
>1575.42 Mhz. I can't hear anything. In fact I never hear any
>signals above 1 Ghz. Works fine below.
>
>Any help??
>
>Tom
>WA0LRE
>tkutz@skypoint.com
>

It is probably your coax. For freqs above 1 Ghz, you really need to
use Hardline. Anything less, is just too lossy. The best coax,
will work well for shorter runs. If you cut the length of coax in
half, you will also cut the loss in half.

Example;
(for 100' of coax)
Cable loss/db@1Ghz Percent Loss (approx.)
RG-58 22.0db 99.3%
9913 4.5db 64% (Belden)
LDF-4 2.34db 42% (Andrew)(Hardline)

Garry

Principles aren't of much account anyway, except at election time.
After that you hang them up to let them season.
Mark Twain (1835-1910)

1736. Renewing License

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: Gary Kaminski <garyk>
Message-ID: <4vv4kl$h02@services.analogy.com>
Source record: 218134

Hi;

I've been out of touch with my ham activities for awhile. I just noticed
that my Technician license is going to expire in 9/96. What is the
procedure for getting it renewed? I don't expect to be silent forever, so
I do not want to loose it.
garyk

--
Gary Kaminski garyk@analogy.com
Analogy, Inc.
9205 SW Gemini Drive
Beaverton OR 97005 (503) 520-2763

1737. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: n7ory@primenet.com
Message-ID: <4vv6h2$jp0@nnrp1.news.primenet.com>
Source record: 218135
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>Doctors used to spray X-rays around with great abandon too, until they
>learned better. Supposedly qualified dermatologists used a series of
>X-ray treatments to treat acne in teenagers only 25 years ago. Many of
>those people are now fighting recurring bouts of skin cancer. (I have
>the E ticket on that one.) Just because doctors consider it routine
>does *not* mean it is safe or prudent.

And are they restricted by the FCC and the EPA as to exposure times?
Doubt it. With as closely watched as the medical field is, I'm sure
that if there was any signifigance to this, they would have been the
first to make the change.

>>Compliance in the face of stupidity is cowardice.

>Bet you think playing Russian roulette is macho stuff too.
>Daddy taught me to keep the barrel of the pistol pointed
>*away* from my head. If you think that's cowardice, then
>let me point it at yours.

If the feds told you that jumping off a high bridge didn't hurt when
you hit the ground, would you jump Gary? I would hate to speculate.

Bullets and radios are very different critters, as I am sure you are
aware. This analogy is irrelevant. In RR, you know that one of the
chambers has a bullet in it, and, eventualy one WILL lose the game.
With radios Gary, there are no bullets, no blunt force trauma, no
observable means of harm what-so-ever at amateur levels, other than
possible rf burns. So, what part of prove it do you not understand?

How about a real study, huh? Get 100 volunteers from the amateur
community to be part of a LIFE LONG study. Lets use LIVE people this
time and see the effects throughout their lives, and see if there is
any direct relation between RF and illness. THEN, lets look at the
data and see if things need to be changed. Remember that dead people
are easy to study, but as we are all aware, they can't tell us much.

Rob Neff (N7ORY)

1738. Re: CORRECTION - FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug27.135723.2283@ke4zv.atl.ga.us>
Source record: 218136
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.antenna

In article <4vthkt$8sa@jupiter.planet.net> billsohl@planet.net (Bill Sohl) writes:
>gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>
>>A final note. The standard requires exposures to be averaged
>>over a 6 minute period for operators, or a 30 minute period
>>for the general public (whose standard exposure levels are
>>lesser than for operators). So a station whose peak exposures
>>violate the standard may still be Ok if the average exposure
>>level is sufficiently lower than the peak. Again this is a
>>somewhat *political* decision and doesn't mean it is safe.
>
>Wouldn't a typical case for an amateur set-up be one in which
>the result is at least divided by two as a result of the typical
>amateur QSO being a 2 way communication with an average
>duty cycle being 50%?

We can't assume that will be so over any given 6 minute period.
We have some long winded fellows out there. Some of them have
come to learn at least two Morse letters, "T O" for repeater
Time Out.:-)

But in general you're right. The normal give and take of
conversation should limit any individual transmission to just
a small fraction of six minutes. This would be especially true
in roundtable operation. There would be cases, though, where
the duty cycle would be well in excess of 50% for longer than
a 6 minute period, for example a station operating as net control
or a Dxpedition operator working a pile up. Those operators would
be transmitting far more frequently and have a higher average
transmission time in a given 6 minute period. AM and RTTY operators
also tend to be rather long winded, and anything of substance
sent in CW takes forever.

>Additionally, for general public exposure, it would seem that
>most situations would result in even lower exposure levels
>because of movement by the "public" through an area
>as opposed to sitting in one place. Granted there may be
>some exceptions to that, but I can't think of any at the
>moment.

How about the neighbor in the next apartment. This is really
the greatest concern because the permitted exposure is so much
less for that neighbor than it is for you as an operator. The

idea being that you've accepted the risk, IE given informed
consent, but the neighbor hasn't. Of course the averaging time
permitted is longer. If the neighbor is just on the other side
of the wall where you've tacked up your indoor antenna, you've
got a potential problem.

>In another post, Clay N4AOX said:
>> Hmmm, based on what you say, it seems that other thinkgs being equal a
>>low duty cycle mode like Morse OOK CW would be provide a lower exposure
>>to operators and the public when averaged over the same amount of time
>>than say an FSK mode. In other words Morse code, among other positive
>>attributes is more healthy than some of the newer fad modes. ;-)
>
>That too would improve (i.e. leesen an otherwise high or excessive
>value that might be generated by calculation). As Clay notes,
>CW is not a continuous transmission, so a duty cycle for transmit
>only can probably be fairly easy to calculate. On that same
>basis, SSB transmissions do not contain the Peak levels
>except at certain speech patterns, so some average value
>or correction factor would be helpful when calculating SSB
>averages.

Neither of these is easy to calculate. Depending on what words
are being spoken or spelled, the average could be above or below
50% of peak power. Crudely, we can assume a 3 db reduction
below peak power for the average value and not be too far off.
The limits are in a sense arbitrary, basically an informed
estimate of what level of risk is acceptable. We can play slightly
loose with that and probably not get into too much trouble.

Let me carry that thought forward a bit more. There is likely
no trigger threshold where we can say "above this figure lies
danger, below it lies no danger". More likely, the risk increases
fairly linearly between any two exposure values. The limit numbers
are a compromise between our need for a simple concrete standard
and the reality of exposure effects in a statistical universe.

We know without doubt that high exposures are harmful, and we can
assume that a zero exposure is not. Somewhere in between we have to
draw a line if we want to use RF at all. That line has gotten lower
over the years as we've learned more about the hazards of RF exposure.

Our perception and tolerance of risk has changed over the years as well.
As the population's lifespan expectations have increased, we've become
more conscious of risks that may not have a visible impact for decades.
And an older population is less likely to believe itself immortal, as
a younger one so often does. So we've become less tolerant of things like
secondhand smoke, RF exposure, or reckless behaviors like drunk driving.

We need to keep a bit of perspective here. It is far more likely that
we will be injured in a traffic accident than we will be by secondhand
smoke or by RF exposure slightly above some standard number. Most people

probably assume a greater risk simply getting out of bed and stepping into the shower than they do by operating their amateur equipment. (Falls in the bathroom are the leading cause of injury in the home.)

Still, having a standard is useful, and the particular one selected by the FCC seems quite reasonable. We can easily stay within it without severe adverse effects on our operations. There's no good reason to suffer excess exposures when the steps required not to do so are easily within our reach and which will have such a minimal effect on our activities. Most of us routinely run far more power than we need to run. And many of us use methods much less efficient than other methods we could be using to accomplish the same communications task. Obeying the standard may cause some of us to re-evaluate our operating habits, and that's probably a good thing.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1739. OLDE FAHRTZ HAMS (Was: Looking for a...)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <4vv74s$gv8@usenetz1.news.prodigy.com>
Source record: 218137

Ken Bessler <kg0wx@feist.com> wrote:

>Drew you should have seen all the flame-mail I got from this guy over
>this. All sorts of rantings about how much of an asset HE is to the
usenet,
>etc. He said absolutly nothing to justify the uncalled for remark he
made to
>the originator of this thread who simply needed advice.
>P.S. The other day my 2 meter rig (HW2036) blew it's final amp just when

>needed it to talk to the wife (KB0PWD).....Thank god we had CB's!
>Ken Bessler KG0WX, KBOJ-6870, "Metro" (ch 1), Wichita, KS

>If I click my heels three times do I go across the street?

One thing that I have never understood...have you ever noticed that the
hams who bellyache about CB'ers the loudest seem to be
"YE OLDE FAHRTZ?" That's right, those same "ancient operators" who are
also complaining the loudest about the no-code techs and begging the ARRL
to maintain their tough stance against reducing or eliminating the Morse
code requirements for HF access.

They tell the CB'ers to "get legal, get a ham ticket!" Then, when they
do, they tell them that they're not "real hams" because they refuse to
waste time learning an antiquated communications system of dits and dahs.

Go figure!

-Drew in Sunny Central Florida-
KADF-6895
KF4DDM

1740. Re: ARRL WRC-99 Survey

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4vv8s3$o27@lehi.kuentos.guam.net>
Source record: 218138

armond@delphi.com wrote:

>Dave Finley <dfinley@newshost.aoc.nrao.edu> writes:
>
>>include amateurs who are not ARRL members. Though ARRL members
>>constitute only about one-fourth of licensed amateurs, the ARRL
>
>You say ARRL represents only 1/4 of licensed amateurs. Actually, at least half,
>maybe more, of the "licensed hams" possess no equipment and are not on the air.
>They (pardon the cliche) couldn't care less. Of the hams who are active, on the
>air, mult-band and multi-mode, I would say that the overwhelming vast majority
>are ARRL members.

I'll buy the first half. Internet proves that theory. But the second half, I
don't think so..... why not take a two part pole, right here. Two questions:

1. If you are a ham, do you own a radio ?

2. If you do own a radio, are you an ARRL member ?

Make it multiple choice (YES or NO) to avoid 'discussion'.
Oh, and don't forget a lot of ARRL members are not U.S. hams.......

73, Jim KH2D

1741. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: cgreenha@magnus.acs.ohio-state.edu
Message-ID: <cgreenha.460.322326BD@magnus.acs.ohio-state.edu>
Source record: 218139
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <322341F8.4DC7@mpce.mq.edu.au> Dr Tony Farrow <tony@mpce.mq.edu.au> writes:

>Hi all,

>Can anyone recommend a brand of 70cm radio from any of the major
>ham-radio manufacturers that is really suitable for 9600 baud packet? I
>wonder if there are any PLL sets that are satisfactory?

>Thanks & Cheers,

>Tony vk2tjf

Hi Tony.

I run a Kenwood 451a on 9.6k 24 hours a day. Some will claim this radio
is inadequate for 9.6k operation, and I have not had it on any test equipment,
but it runs flawlesly with my Kantronics 9612 on both, the 9.6k repeater, and
keyboard-to-keyboard.

The only downside is I have to run a 250ms TXDELAY thru the repeater, as the
PLL (of course) "sweeps" a little when switching from the TX freq, to the RX
freq...and vice versa.

Other than that...I like it very much, and it works well.

Take care.

Christopher K. Greenhalgh, N8WCT
Computer/Electronic Tech. II at The Ohio State University
E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

1742. Re: ART phone number

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: James Lee Tabor <ku5s@wtrt.net>
Message-ID: <32233262.4E4D@wtrt.net>
Source record: 218140

Mark P. Fratta wrote:
>
> Does anyone have the phone number for Amateur Radio Trader?
>
> Thanks
>
> Mark N3VMR

us & canada 800-774-2623 fax 800-423-9030
international 615-484-5137 fax 615-484-2532

73,
Jim
--
CAPMan HF Propagation Prediction & System Analysis Software
http://ourworld.compuserve.com/homepages/KU5S

1743. Re: Thinking of purchasing a handheld scanner

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: dougd@lrbcg.com
Message-ID: <4vvgg0$kq3@news.dx.net>
Source record: 218141
Cross-posted to: alt.radio.scanner,rec.radio.scanner,alt.radio.pirate,rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.policy

geordi_laforge@thepentagon.com (Douglas Alexander) wrote:

>I am thinking of purchasing a handheld scanner

%<snip%<

I'm currently using a Radio Shack Pro-34, 100 channels,
29Mhz to 512Mhz; it does a good job for me. I bought it used
5 years ago for $50.
(in case you find a nice used one).

Doug

--
Send a FREE message to your military family member.
North American Center for Emergency Communications.
NACEC) http://www.nacec.org

1744. Updated WWW Amateur Exam Practice page

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: Simon Twigger <simont@post.its.mcw.edu>
Message-ID: <322360E0.27EA@post.its.mcw.edu>
Source record: 218142

Hi there,

I have a collection of WWW pages designed to help people study for their US amateur radio licences. It is possible to take sample exams for every class (Novice - Extra) and all figures are provided. The graded exams also contain a graphical indication of how you performed in each subelement to simplify identification of those areas which need further work.
I have recently upgraded the facilities to allow personal statistics to be maintained. Once you have registered a username, your results will be saved to your own personal file. This then allows you to review your performance, showing you how you have been doing in each subelement and even each question. Your results can also be used to tailor the generated exams to ensure you get asked every question in the pool and extra practice at those you get wrong (Normally the questions are selected at random from the appropriate subelement etc.)
As well as the personal statistics, there are overall statistics for each exam, showing the number taken, and the pass rate for each examination. So far, the new extra exam is proving to be somewhat tougher than the old version, and the advanced is just as much of a pain as always!

In addition to the on-line exams, you can have generated exams sent to you via email for later use. This is possible either by a WWW based form interface, or automatically by sending email to:

exams@eeyore.biochem.mcw.edu

for example, if you wanted a sample novice exam, put the line:

generate novice

as the body of the email. If you want more than one exam sent to you, include more 'generate novice' lines as required. To receive the other exams, replace 'novice' with technician, general, advanced or extra.

The WWW page can be found at:

http://www.biochem.mcw.edu/Postdocs/Simon/radio/exam.html

Over 9,000 exams have been completed since the site opened in February 96 - many thanks to all the people who have sent me comments and suggestions, please keep sending them in, they are most appreciated.

Simon, AA9PW

1745. Palomar, Texas Star Amps

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: dougd@lrbcg.com
Message-ID: <4vvisu$q2c@news.dx.net>
Source record: 218143
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

James Beasley <tealing@pac.bell> wrote:

>Well no wonder Tom, for heavens sake CB amps! Anyway you have really
>been a good lover and I think we should come out of the closet right
>here on the newsgroup...I LOVE YOU 88's [:-O]

What are you? Co-dependent? Why can't you be satisfied by
the way you just came out of the closet on your own.
This is the 90s, no one cares about your sexual preferences.
Doesn't your company have a "Don't Ask - Don't Tell" policy?
If you're trolling for sexual men, there are other groups
more suited to your inclinations.

Have a nice day,

Doug

1746. Re: 1,000,000 qsl cards thrown away per year

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: algollom@interlog.com
Message-ID: <4vvfun$iv5@news.interlog.com>
Source record: 218144
Cross-posted to: uk.radio.amateur,rec.radio.amateur.policy,rec.radio.amateur.misc

In article <4vcp5p$c5@news2.inlink.com>, raiar@inlink.com says...

>The solution to waste is quit using bureaus and mail direct to the
>intended party.

Gary, I'm sure I'm not the only one who would find that financially
impossible.

>Those who don't take PRIDE in their contact's ALSO do not take PRIDE
>in the hobby and it shows by their comments, attitude and usually
>discourtesy on the bands.

I personally don't think that lack of pride in a typical "UR 59, qsl
via the buro" constitutes lack of pride for the hobby. Frankly I
find the whole "UR 59" - type qso a pain in the butt. What ever
happened to conversation? Now there is a courtesy - taking
some time to talk to someone and to get to know them. Those
are the types of qso's I take pride in and will gladly QSL.

Alan VE3XAG

==========
on the Internet: on packet:
algollom@interlog.com ve3xag@va3bbs#scon.on.can.na
==========

1747. FS/TR: Uniden HR2600 10M all-mode rig

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: Paul Knight <pknight@elec.ctl.etn.com>
Message-ID: <32237D59.A9A@elec.ctl.etn.com>
Source record: 218145
Cross-posted to: rec.radio.swap,chi.forsale,rec.radio.amateur.misc

Hi, everyone! I have a Uniden HR2600 10M rig available for sale/
trade. It is in excellent condition, and includes the mic, manual,
power cord, mounting bracket, and box. It does not have the
chipswitch mod installed. $125, firm, including shipping.

Items of interest for a trade:

Older Kenwood 2M or 440 HT (e.g., TR2500/2600/3500, etc.)
Heath HW8 (unmodified)
Argo 505 or other QRP rig
Hand-held scanner (e.g., BC100XLT, etc.)

Drop me a note if interested.

--
Thanks!

Paul Knight WD8DKY
pknight@elec.ctl.etn.com

-or-

PEKnSLK@aol.com

1748. Saturn Owners

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: pcarter@freenet.columbus.oh.us
Message-ID: <4vvjbo$9bm@login.freenet.columbus.oh.us>
Source record: 218146

I have a 1996 Saturn SL2 automatic. I have recently installed a 1/4 wl antenna for 2m on the trunklid (center) and have noticed a radiated noise problem, on 146.52 and other freqs.

The noise appears when the engine is running. It disappears about 3 or 4 seconds AFTER the engine is shut off. It does not appear to be the fuel pump, as I can hear it fire up before I crank the engine, and the noise does not appear untill after the engine is physically running.

Any ideas? What would be still operating after the engine is shut off. It isn't the engine fan, as it wasn't on at that time.

The noise is not present in the acc position or without the engine being started, so I have ruled out such things as the ABS or airbag system.

TIA
Phil

--
NRE/COLE Test Center OH-3
pcarter@freenet.columbus.oh.us
Philip L. Carter, WD8QWR
wd8qwr@w8cqk.#cmh.oh.usa.na

1749. Re: Inter-Agency Comm. lacking

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: frederick.mckenzie-1@kmail.ksc.nasa.gov
Message-ID: <frederick.mckenzie-1-2708961618090001@k4dii.ksc.nasa.gov>
Source record: 218147
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

In article <3222E001.2D5F@direct.ca>, Jay MacNEILL <jmacneil@direct.ca> wrote:
> Note of Interest.
> Here in Vancouver BC Can, We are in the process of installing a regional
> Wide area emergency radio system which should be up and running by the summer
> of 1998.
> The system chosen is to be an 800Mhz digital trunking system,
> covering an area from Pemberton to Sechelt---Vancouver to BostonBar,
> Continuing down to the Canadian/US border with a few coventional Vhf repeater
> tie-ins for out of area units.

John & Jay-

You've hit on the source of a problem: 800 MHz systems. It seems that not everyone is on 800 MHz. Those that are, have discontinued use of the VHF inter-city police and/or fire frequencies, since it means having to carry an extra radio.

In other words, this is a problem that was somewhat solved years ago, but has returned with the advent of trunking technology.

As well as being the problem, 800 MHz systems may also have an inherent capability that will lead to a solution, computer control. It requires that the trunked system have a feed to the radio channels of other agencies, so the dispatcher can patch them through for the duration of an emergency. As an alternative, a call-group might be set up with the cross-patching permanently in place. That way, a patrolman could switch to the "mutual aid" channel, and be able to communicate with all who are set up this way, without requiring dispatcher intervention.

73, Fred, K4DII

1750. Re: ARRL WRC-99 Survey

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: kd1nr@anomaly.ideamation.com
Message-ID: <4vuten$2bm@anomaly.ideamation.com>
Source record: 218148
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <4vttk6$1o3@anomaly.ideamation.com>,
Michael P. Deignan <kd1hz@anomaly.ideamation.com> wrote:
>In article <4vtkb1$3v0@news.ais.net>, <carl@ais.net> wrote:
>
>>Well said ... I just hope that the "random" survey includes folks other
>>than just those who are "life members", QCWA, or Brass-Pounder's League
>>and 30WPM endorsement certificate holders.
>
>As an ARRL Life Member, I can assure you the only survey I received
>was the one included in my copy of QST.

And I got one in the mail - go figure.

Tony

--
== Tony Pelliccio, KD1NR
== As offensive as I wanna be.
== kd1nr@anomaly.ideamation.com

1751. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <4vvri9$c0r@abyss.West.Sun.COM>
Source record: 218149
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <cgreenha.460.322326BD@magnus.acs.ohio-state.edu>,
Christopher K. Greenhalgh <cgreenha@magnus.acs.ohio-state.edu> wrote:

>I run a Kenwood 451a on 9.6k 24 hours a day. Some will claim this radio
>is inadequate for 9.6k operation, and I have not had it on any test equipment,
>but it runs flawlesly with my Kantronics 9612 on both, the 9.6k repeater, and
>keyboard-to-keyboard.

Well, it isn't exactly 'flawless'...

>The only downside is I have to run a 250ms TXDELAY thru the repeater, as the
>PLL (of course) "sweeps" a little when switching from the TX freq, to the RX
>freq...and vice versa.

Oh, you've got a huge PLL settling delay. That *is* a flaw in 9k6
operation. 250mS? I won't use a radio that requires that much
TXD on 1k2. The problem is that a radio with that much delay
contributes significantly to hidden transmitter syndrome, *even on
a duplex repeater*. There's a huge window from the time you
activate PTT until your radio starts spewing a carrier, which
invites other stations to collide with you.

Also, the receiver recovery time means that you'll probably miss
rapid replies, they'll timeout and retry before you get the
frame. This won't happen if other stations are running similarly
long TXDs, but then you're really throwing away the 9k6 advantage
(a 256 byte frame doesn't take much more than 250mS to send; so
a TXD of 250mS represents a loss of 50% of potential throughput).

>Other than that...I like it very much, and it works well.

Um, save up your cash (under $150 for a clean Mitrek and rocks) and get
a radio that switches in 50mS (or less) and you (and all the others on
the same channel) will be much happier.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

1752. Re: Modern digital versus SSB and Morse (was Re: Commercial CW use)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: John Nelson <johnn@pacifier.com>
Message-ID: <32237140.5689@pacifier.com>
Source record: 218150
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

Zack Widup wrote:

> So for those who wish to see how many novels per hour they can send via
> CLOVER, well - have fun. I still enjoy reading about your results. But I
> still like those slower forms of communication, CW and speech. They are
> also fun in this hobby, to me at least. And to a few others ... I've had
> several one-hour CW and SSB ragchews recently.
>

Sorry Zack, but for the privilege of using CW and speech, you must demonstrate proficiency in the setup and use of CLOVER? What? You say you'll never use it? Doesn't matter, for it is the one true "mode that get's through when nothing else will".

Do try to get the point here. Most of us "un-washed no-coders" agree with you that CW use may be entertaining, charming, even useful, but we are NOT forcing you to demonstrate proficiency in something ELSE to use it.

1753. Re: CORRECTION - FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug27.173655.2879@ke4zv.atl.ga.us>
Source record: 218151
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.antenna

In article <3222ACA7.168B@pop.erols.com> Steve Ickes <thebizlk@pop.erols.com> writes:
>Nine stations surveyed is not anywhere near a statistically significant
>sampling. Further, the findings were not used to provide any exemptions
>for scenarios which did not exceed the regulation.

They didn't intend to conduct a statistically valid poll, nor was there
any intent to offer categorical exemptions (the FCC didn't intend to offer
any until the ARRL put political pressure on them to do so). It wasn't
a survey of the amateur population. All they were doing was getting
some real world baseline engineering measurements of real world amateur
radio stations to see if they conformed to the engineering models used
for field strength calculation. The stations measured were typical of
the real world sorts of stations amateurs operate. The nine stations
measured had a sufficient universe of antenna types and mounting
environments to confirm the engineering models.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1754. Re: Thinking of purchasing a handheld scanner

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: moujesky@why.net
Message-ID: <4vvvha$ai@what.why.net>
Source record: 218152
Cross-posted to: alt.radio.scanner,rec.radio.scanner,alt.radio.pirate,rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.policy

>>I am thinking of purchasing a handheld scanner

>>I have been told the following units are quite nice:

>> Uniden BC3000xlt
>> ICOM R1
>> AOR 2700

Currently I have PRO-26, AR2700, and AR8000 handheld scanners. At the street price of around $200, I'd suggest the AR2700 as a best buy. While the RF and audio isn't quite up to the '43's, it's not that bad either. The two features I prefer over the '43 is the attenuation by channel (on all three models) and the computer interface to dump and load the frequencies. I do find the keyboard operation of the 2700 quite cumbersome for a scanner. It's virtually impossible to link in additional banks while drive.

My two cents worth.

1755. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: rob@pe1chl.ampr.org
Message-ID: <DwssF5.4An@pe1chl.ampr.org>
Source record: 218153
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In <322341F8.4DC7@mpce.mq.edu.au> Dr Tony Farrow <tony@mpce.mq.edu.au> writes:

>Hi all,

>Can anyone recommend a brand of 70cm radio from any of the major
>ham-radio manufacturers that is really suitable for 9600 baud packet? I
>wonder if there are any PLL sets that are satisfactory?

Use an all-mode (FM, SSB) transceiver. Most of them are quite suitable,
even when it is not listed as such in the ads. Of course you will have
to make a modification in the latter case.
Best is to use a transceiver with a fast transmit<->receive switching
time, e.g. the ICOM IC-475.
When that is over your budget, stick with a Tekk. It performs equally
or better.

Rob
--
+-----------------------------------+---------------------------------------+
| Rob Janssen pe1chl@amsat.org | BBS: +31-302870036 (2300-0730 local) |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+-----------------------------------+---------------------------------------+

1756. Morse Code More Healthy (was Re: CORRECTION- FCC....)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: Clay N4AOX <wyn@worldnet.att.net>
Message-ID: <322366EA.61EE@worldnet.att.net>
Source record: 218154
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Gary Coffman wrote:
>

> And of course, none of these systems have a pulse rate in the
> 5-15 pps range which has been linked (in vitro) to cellular
> mutations considered indicators of carcinogenic activity when
> seen while testing chemical agents and drugs,

Of course, this ignores the RF stimulation of leukocyte
activity in the region of disturbance which could serve to
counteract the mutations, provided the stimulus continues
over a reasonable period of time.

> 18 WPM
> Morse), which has been shown to induce behavioral changes in animals
> (both planaria and mice) in the lab. I wouldn't call it safer.
>

This is another good argument for getting that code speed up to 20 WPM.

Unfortunately, in the real world, it seems things are more equal than
one might first assume. Most digital ops I know tend to run digital
power just below rig melt down levels. This is, as you say, probably
because of the lack of use of CLOVER or other automatic 6 dB gain
modes, or perhaps just shoddy equipment in general. On the other hand,
because of the robust and efficient nature of OOK CW, many operators
are challenged to operate QRP which further enhances the health aspects
of that mode, not only reducing the duty cycle but peak amplitude as well.

73,
Clay N4AOX

1757. Re: CORRECTION - FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: MADJID VE2GMI <orion@odyssee.net>
Message-ID: <32233CB8.7AD0@odyssee.net>
Source record: 218155
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.antenna

Fred McKenzie wrote:
>
> In article <1996Aug21.155557.3774@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us
> (Gary Coffman) wrote:
> > There is documented evidence that exposures of greater than 10 mW/cm^2
> > can cause harm. In particular, cataracts or loss of focal flexibility
> > due to RF heating of the lens of the eye, and in some cases cancers.

In fact standards are lower than that:
The ANSI-95.1,1982, adopted by the FCC in 1985,
limit the peak SAR to 8 W/kg and the SAR averaged over the body to
0.4 W/kg.

For exposure to incident power density, the 1982 ANSI-C95.1
exposure limits are frequency-dependent:
. 1 mW/cm2 at 150 MHz
. 1.5 mW/cm2 at 450 MHz
. 2.75-2.83 mW/cm2 from 824 to 850 MHz (cellular)

Some info on these can be found at URL's below:
http://www.ieee.org/usab/DOCUMENTS/FORUM/LIBRARY/POSITIONS/positions.menu.html
http://www.ieee.org/usab/DOCUMENTS/FORUM/LIBRARY/POSITIONS/portable.htmlhttp://www.ieee.org/usab/DOCUMENTS/FORUM/LIBRARY/POSITIONS/humanxrf.html

1758. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: zut@cais.com
Message-ID: <Pine.BSI.3.93.960827170013.14365B-100000@cais2.cais.com>
Source record: 218156
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

On Tue, 27 Aug 1996, Bill Sohl wrote:

> Mere use of CW by some percent of hams no longer
> constitutes a valid reason to mandateall hams on
> HF must learn that mode.

In QST, October 1995, Vol. 79, No. 10, page 9, it says,

"From surveys, we know that 48% of the ARRL members in the United States already have access to the Internet, either directly or via an on-line service. Comparing this figure to the popularity of the various over-the-air communications modes, it would rank behind FM (79% of active ARRL members use it), SSB (also 79%), and CW (54%) - but ahead of packet (40%) and far ahead of any other mode."

That "some percent" is pretty high Bill. There are more ARRL members operating CW than there are on the Internet and CW's popularity ranks third only after SSB and FM.

Maybe you didn't see the editorial, but do you not listen to the CW bands? Don't you go out on field day? Haven't you ever listed on the low ends of the bands on CW contest weekends? How about the 30 meter band? Have you never listened there? It would appear you haven't.

CW is alive, well, and thriving. In fact, the demand for QRP CW transceivers alone has almost single handedly revived the kit industry. Just open your eyes and ears and it'll become apparent.

This has nothing to do with the so-called debate about Morse testing, but it does have to do with correcting your implication that there is little CW activity when in fact there is. You may believe that's the case, or perhaps you might even WISH it were, but quite simply, it isn't.

Tony Stalls, K4KYO
ARRL Life Member

1759. Re: Hog Mobile -- any hams doing it? (not a Joke).

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: Hank Blackstock <wa5jrh@ionet.net>
Message-ID: <32237CEF.459B@ionet.net>
Source record: 218157
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

Tovar wrote:
>
> > I don't think the state of the art of noise cancellation mics
> > has made this possible yet. :-)
>
> We have someone regularly using a local repeater "motorcycle mobile"
> and his audio is just fine. If i suspect that if you're mouth is an
> inch or so from the mike, it'll win easily over the noise if it's
> not to badly in the wind. I would bet one may even be able to
> homebrew something, using ordinary headphones and a cheap electret
> microphone available at Radio Shack. I removed one of the earphones
> and made a switch that i can actuate with both hands on the wheel,
> so it's both 'street legal' in California and reasonable safe to
> operate. The project was written up in QST about the time I got my
> license, and i'll either give an exact date or a write-up of my
> version of the project upon request. The hard part is probably
> making it rugged enough that it doesn't need aperiodic maintenance.
>
>

How about a throat mike. I picked on up at Okla. Comm Center (now out of business). I forget the brand name but they made models for different ham talkies. I used it both for bicycle mobile and airborne mobile (my twin engine airplane is an extremly noisey enviroment). It worked quite well and I am sure it would work for motorcycle mobile.

73 Hank WA5JRH

1760. Amateur Radio Newsline #993 23 August 1996

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: bigsteve@dorsai.org
Message-ID: <ItsIyQQI8FcC091yn@dorsai.org>
Source record: 218158
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

NEWSLINE RADIO - CBBS EDITION #993 - 08/24/96

(***)
(* *)
(* A M A T E U R *)
(* *)
(* R A D I O *)
(* *)
(* N E W S L I N E *)
(* *)
(***)

The following is late news about Amateur Radio for Radio Amateurs as prepared from NEWSLINE RADIO scripts by the staff of the AMATEUR RADIO NEWSLINE, INC., formerly the WESTLINK RADIO NETWORK. Amateur Radio Newsline is a audio news service distributed via telephone.

This hardcopy version is produced by Dale Cary - WD0AKO from scripts provided to him weekly by Newsline. It is then distributed to on-line services, bbs networks and internet user jointly by Dale Cary and Steve Coletti.

Editorial comments, news item and all other business should be directed to:

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(Fax senders wait for voice prompt.)

Hardcopy comments or complements can be directed to:

Dale Cary, WD0AKO
Hardcopy Distribution for Newsline

Internet E-mail: wd0ako@rrnet.com
Phone: (218) 236-6324

For further information about the AMATEUR RADIO NEWSLINE, please write to us with an S.A.S.E. at:

NEWSLINE
c/o Andy Jarema-N6TCQ

P.O.Box 660937
Arcadia, CA
91066

Thank You,
NEWSLINE

(**********
Some of the hams of AMATEUR RADIO NEWSLINE: WA6ITF WB6MQV WB6FDF K6DUE W6RCL N6AHU N6AWE N6TCQ K6PGX N6PNY KU8R N8DTN W9JUV KC9RP K9XI KB4KCH KC5UD KC0HF G8AUU WD0AKO DJ0QN and many others in the United States and around the globe!!!
(**********
[993]

Newsline report number 993 for release on Friday, August 23rd, 1996 to follow.

(*****
The following is a QST

Ham radio has a new satellite. Its from Japan and is called Fuji 3. Learn more on Newsline report number 993 coming your way right now!

(*****
FUJI 3 LAUNCHED

Ham radio has a new satellite courtesy of the hams of Japan. Carried aloft on a Japanese H-II rocket, the amateur satellite JAS 2 was successfully launched at 01:54 UT on Saturday, August 17 by the Japanese Space Agency. This, from their space center in southern Japan.
Now renamed Fuji 3, several stations in the Americas and especially in the eastern USA reported hearing Fuji's CW telemetry beacon soon after it separated from the launch vehicle. This, over Antarctica during its first orbit. One of those stations was manned by AMSAT-NA's Executive Vice President, Keith Baker, KB1SF located in Xenia, Ohio. Baker says that being one of the very first to hear signals from a brand new Amateur Radio satellite has to be one of the biggest thrills one can have as a ham.
Fuji 3 is similar to OSCAR 20, although it offers some interesting twists. As soon as testing is completed hams will have access to an easy to use packet BBS. Unlike most digital satellites which function as file servers and require specialized ground station software, Fuji 3 provides a BBS that operates much like a terrestrial system. The only software required is a terminal program to talk to your TNC. Connecting to the BBS is as simple as sending a connect request to 8J1JCS.
Hams who own PSK TNCs can connect to Fuji 3 at 1200 baud, but unlike OSCAR 20, this new Japanese bird can handle 9600 baud FM Frequency Shift Keying as well. A digital voice storage unit or Digitalker will be used to transmit announcements, bulletins on the condition of the satellite and so on. It's similar to the unit presently being heard from the Mir space station.
Fuji 3 also features a linear transponder for SSB and CW. At this time

there has been no word from the Japan Amateur Radio League concerning an operating schedule for the transponder versus the BBS.

(*****
NEWSLINE IN FINANCIAL TROUBLE

A Special report from Andy Jarema
Support Fund Administrator

"Newsline support fund administrator, with some very bad news. My job is to make sure that the bills get paid, and I'm here to tell you that I'm about to pull the plug. Pull the plug on over 19 years of responsible, up to the minute reporting of the news that matters to you, the radio amateur. There's been a fleet of caring amateurs, just like you, bringing you the news as it happens. As amateurs, we're committed to the concept of bringing you that news voluntarily, without monetary compensation."
"Many of you have stepped up to the plate to help us, and we appreciate every effort. But the sad fact is that it takes an average of $1000 per month to keep Newsline on the air, with the online services, long distance to get the voices of the news when it happens, phone lines for the news feeds, postage services, and the like. For the past two years, voluntary contributions have averaged less than $500 per month. I don't have to ask you to do the math."
"How many amateur radio clubs are there in the U.S., or in the many other countries where Newsline is heard, or even more where it is now read and heard on the Internet? If each club would contribute just $50 to $100 a year to keep Newsline on the air, you would achieve the goal of keeping the latest amateur radio news flowing to you."
"As an MBA, and a CPA, and owning, building, then selling my own business, I don't like losing propositions. You've heard hams refer to "hitting the Big Switch". Newsline report number 1000, on October 11th will be our last newscast, unless you help now in a major way. We have no choice."
"Again, our address:

Newsline Support Fund
P.O. Box 660937
Arcadia, CA
91066-0937.

It's up to you..."

(*****
WIND PROFILERS ARE BACK

A new version of an old adversary to amateur radio 70 centimeter operation is reappearing, and this time with full government support.

Well, here we go again. The newest threat to the amateur 440 MHZ band has been announced by NOAA, the National Oceanic and Atmospheric Administration. WPRs or Wind Profiler Radar units operating in the 449 MHZ segment of the amateur UHF band are scheduled for deployment in the near future. To a number of sites throughout the continental U.S..

WPRs will be used to monitor wind velocity and direction. Frequency coordination, spectrum allocations, as well as possible in band interferance are being monitored by the Federal Communications Commission and the International Telecommunications Union.

And in a related item, the FCC and ITU are again under fire for possible spectrum sharing by our friends the Little LEOs, or Low Earth Orbiting satellites. This latest study into the possible frequency sharing has irred the soles of the radio and broadcast industry with their inquirys into 620-790 MHz band. Where will the Little LEOs end up? We're not sure, but they sure aren't making many new friends.

The irony of the Little LEO controversy is that their big brothers, the so called Big LEO's will probably be in orbit and providing the same projected services, long before the Little LEO's get the new spectrum that they are after. Its all but an exercise in futility, but one with tens of millions of dollars hanging in the balance and ham radio as a pawn in a high stakes corporation versus corporation chess game.

(*****
VANITY CALLS CANCELED

The vanity call signs of three hams have been canceled. In two of the cases, the vanity calls had been issued to former FCC employees that the commission says received their calls through favoritism.

In the third, the applicant was reverted back to his former call after it was found that he had been involved in a mid 1970's call sign scheme. A scheme that eventually lead to a criminal conviction of Richard Ziegler who was at that time the chief of the FCC's license processing facility in Gettysburg, Pennsylvania.

The action to rescind the three vanity call signs was the result of a letter sent to the Office of the inspector General. The OIG supervises audits and investigations relating to the FCC. It forwarded its evidence to Howard Davenport who heads up the Wireless Telecommunications Bureau's Enforcement Division. Davenport rescinded the vanity calls of all three on July 23rd.

(*****
ARRL ASKS FCC FOR MORE TIME TO AMEND EXAMS

The ARRL has asked the FCC to extend the time for its VEC and other volunteer examiner coordinators to add questions about RF safety to Amateur Radio exams. The request, filed August 12th in the form of an emergency motion asks the Commission to put off the deadline to add the new exam questions to July 1, 1997 for Element 2 and 3A examinations and to July 1, 1998, for Element 3B examinations. Those dates coincide with the already planned implementation dates for new examinations based on revised question pools.

Work to revise the question pools for Elements 2 and 3A has been under way for more than a year. Work on the Element 3B question pool will not begin until December.

The FCC Report and Order 96-326, issued August 1st, seemingly requires that VEC's immediately add five questions to each of the three affected examination elements. The provisions of the Report and Order became effective when they were published in the Federal Register on August 7th.

(*****
VANITY GATE 2 OPENS SEPT 23

This is a Newsline Instant Update.

Attension Extra Class hams. It will soon be your turn to file for the vanity call sign of your choice. This is because the FCC has announced that vanity call sign filing Gate 2 will open September 23rd.

After that date, Amateur Extra class licensees may request a vanity call sign of his or her choice on a first come first assigned basis. To qualify, you must hold an unexpired Amateur Extra class operator and primary station license to request a vanity call sign for your primary station.

To request a vanity call sign for a club station under Gate 2, you must also hold an unexpired club station license listing you as the license trustee.

Applicants should refer to the licensee database to verify that a requested call sign is not already assigned. According to the FCC, a call sign is normally assignable two years following license expiration, surrender, revocation, set aside, cancelled, or on the verification of the death of the previous grantee.

Requests must be filed on FCC vanity call sign Form 610V and the Commission says that legibility is critical. If your application is not easy to read, you could experience a delay in processing. Even worse, you might lose the opportunity to obtain a requested call sign or even obtain a call sign different from what you want.

Again, Gate 2 of the vanity call sign program to permit Extra class hams their choice of a new call opens on September the 23rd.

(*****
PRSG FILES ON FAMILY RADIO SERVICE

General Mobile Radio Service users do not want to share spectrum with a newly created Family Radio Service that could be a nightmare to control and their lobby group is taking a point position in asking the FCC to enact some major rules changes. The Michigan based Personal Radio Steering Group filed a Petition for Reconsideration that contends that current FRS rules do not preclude repeaters, nor do they bar the transmission of music and other sound effects. Also not covered is the transmission of obscene or indecent language or issuing phony distress calls. The Personal Radio Steering Group believes that all of these prohibitions must be put in place and that the FCC must also place a strictly enforced time limit on all Family Radio Service transmissions. It also is asking that FRS users be required to monitor activity on a channel before transmitting.

(*****
NOC-HSV

The small number of no-coders who attended a Newsline sponsored seminar session on codefree licensing at the Huntsville Hamfest agree that its time to do away with the Morse code entirely. Most expressed the view that only two classes of license are really needed any longer. These would be limited time duration entry level where you either upgrade in two years or you are out. The other license would be a more advanced radio amateur with full high frequency operating privileges. Neither would require mandatory Morse code testing, but all agreed that higher written exam standards, with emphasis on proper on the air etiquette should be put in place.

(*****
HUNTSVILLE UP

And speaking about the Huntsville Hamfest, manufacturers, dealers and distributors of ham radio equipment are hoping that the slight increase in attendance at last weekends event signals a nationwide change for the better. Since the first of the year, almost every convention and hamfest, big and small, has reported a significant decline in the numbers attending over past years. Even numbers at the giant Dayton Hamvention were down. This even though weather conditions were excellent. This downward spiral in attendance has made the ham radio industry very uneasy in committing to shows for next year.

But Huntsville was the exception. While still hovering around the 6000 mark in paid gate, the numbers were up a few percent over 1995. Scotty Neustadter, N4PYD, believes that Huntsville has bucked the downward trend because it has the right mix:

"I think its that we have the reputation as a friendly hamfest, with a very strong flea market and an all encompassing dealer show. I don't know how we could make the dealer show any bigger. Everybodys here. Anybodys product line is here. Plus I think frankly the town is the right size, the hotel rates are reasonable, the space and rocket center is here, so somebdy who is iffy about coming says I can always drop the wife and kids at the space and rocket center while I go play with radios. And all that stuff just comes togather, I guest it is kind of synergistic that it works." Neustadter

For Huntsville it does work, and those in the commercial exhibit area like Evelyn Garrison, WS7A with Alinco agree:

"An excellent show. We sold a lot of HF units that people told us it was not going to happen down here. But it did. We sold a lot of the 605's dualband mobiles, which is our new radio. I'm really pleased." Garrison

Garrison also gives credit where she says credit is due:

"The committee really works at making this one up. They send out flyers. They work to make it happen all year long. It is not somethink that happens by accident." Garrison

As positive as the signs were at Huntsville, two groups were very obvious by their failure to show up. These were the younger hams. The teens and pre-teens who, up until this year have been attending most conventions in fair numbers. Few were at Dayton in May. Even fewer were seen at Tulsa and Birmingham earlier in the year. Almost none were seen at Huntsville. Even more significant was the failure of no-code Tech's to come out in any numbers.

(*****
DARA CHANGES

Some major changes are coming to the nations best known ham radio club.

Many activities put on hold for the summer get back into full swing. One organizations has been back burnered for the summer. The Dayton Amateur Radio Association has operated this way for years. Giving the members some post hamvention recovery time and allowing the new officers elected in June time to get with the out going officers for a smooth and orderly transistion.

For the first time, DARA has a female president. Well aware of the old saying, I you can't stand the heat - get out of the kitchen. Michelle Ervin, KA9FUL is ready to stook the fire and stir a few things up.

"I think that one or two of the most important things that the amateur community in general will see from DARA within the next year is our concerted effort to expose more youth to ham radio." Ervin

Already a contesting committee for the DARA club station, W8BI has been established and a foxhunt squad is being assembled. In addition, youth programs and the SAREX liason group are working closely together with the education committee to expose area youth to the hobby.

Michelle Ervin says that its time for the club to pull together for more than just then annual Dayton, Hamvention, even if pulling together just means having a lot more fun.

(*****
OVERSEAS ACCUSATIONS REFUTED

From overseas, word that hams in Italy and several other nations are very angry over accusations that their terrestrial operations interfere with satellite communications. They say that like it or not, they are legal and that they can run FM and repeaters where they please.

Packet and internet postings from hams in Italy say that the Italian Telecom Ministry allows them to operate on 435-436 as a primary service and on 432-434 Mhz and 436-438 MHz as secondary. That no mention is made in Italian communication law of separate satellite subbands. As such, the FMers say that they are free to do as they please.

The Italian Amateur Association has requested that all of its members use and respect the IARU bandplan and the organization has had some success. But non members can and often do operate where they want using any mode that is legal. Because of the way that the rules are written, no

action to prevent them from using satellite frequencies will be taken by the government agency.

(*****
UK: NO MORE 934 MHz CB

The United Kingdom will cancel its 934 Mhz Citizens Radio band on December 31st of 1998 and the band will be converted to a commercial digital telephone service. The current 27 Mhz United Kingdom CB service will continue to be available until further notice from the UK Radio Communications Agency.

(*****
MARCONI DAUGHTER DIES

Gioia Marconi Braga, the daughter of inventor Guglielmo Marconi, died on July 17thn New York at age 80.
Gioia Braga was Marconi's fourth child from his first marriage to Beatrice Inchiquin O'Brien. She was born in London on April 10, 1916, and studied in Italy. In Rome she worked with the Italian Radio Association and in 1974 founded the Marconi International Fellowship, which recognized the creative work of scientists and technicians in the communications field.

(*****
FCC HONORS McMAMARA

Robert H. McNamara, chief of the FCC's Private Radio Division in the Wireless Telecommunications Bureau was among several FCC employees recently honored for advancing the mission and objectives of the FCC. This, through their sustained extraordinary or exceptional accomplishments.
Bob McNamara received a Distinguished Service Award gold medal. His Private Radio Division regulates the Amateur Radio Service.

(*****
DX - DXCON

In DX, the Northern Illinois DX Association says that the 44th Annual W9DXCC DX Convention and Banquet will be held Saturday, September 7th, at the Holiday Inn Rolling Meadows, Illinouis. There will be interesting programs, guest DX speakers, industry representatives, contests, exhibits, QSL checking, hospitality suites, banquet activities and prizes. For more information please contact:

Phil Camera, KB9CRY,
at (708) 343-1696 CST.

(*****
HOLLY-MOVIE

And finally, the made for television movie titled What Love Sees will on Sunday, September 22nd on CBS. What does this have to do with ham radio" Well, What Love Sees is the story of the story of the Holly family of Bristol, Connecticut and, later of Ramona, California. Actually it traces

the courtship of the blind daughter of an overprotective New England
industrialist to a blind back-woods California rancher. It follows them
through their marriage and raising four children, the youngest of which
looses his sight at age seven.

Now here is the ham radio connection. If the family name Holly sounds
familiar it because the youngster who looses his sight is today a ham well
known to radio amateurs world-wide. That being Hap Holly, KC9RP, the
founder of the Radio Amateur Information Network.

"Filming of a two hour TV movie was completed in March as some of you
know. The editing took less than ten weeks.
Rosemont sent a brail copy of the script to my mother and me. And it
was a kick. What a major kick to read the lines and scenes that are going
to be portaryed in this movie this fall." Holly

What Love Sees stars Richard Thomas of Waltons fame as Haps dad and
Anabel Gisch as Haps mother Jean. Hap Holly, long before he became KC9RP
is portrayed by Courtland Mead. Mead was last seen the remake of the
Little Rascals movies.

Again, the movie What Love Sees airs on Sunday, September 22nd on CBS.
Consulting local listings for time and channel.

(*****
And for this week, thats all from the Amateur Radio Newsline. You can
write to us at:

Newsline
P.O.Box 660937
Arcadia, CA
91066

For now, with Bill Pasternak, WA6ITF at our editors desk, we at Newsline
say 73 and we thank you for listening.

(* * * Newsline is copyright 1996 & all rights are reserved. * * *
--
< ^^>
< "Big Steve" Coletti >
< Computer and Network Installation, Upgrades and Repair. >
< Internet: bigsteve@dorsai.org >
< I was balding, then I installed Windows 95 and pulled the rest out. >
< US Mail: P.O. Box 396, New York, NY 10002 >
< Fax Weekdays/Voice Weekends: +1 212 995-2637 >
~~~~~~
~~~~~~

1761. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: billsohl@planet.net
Message-ID: <5000ep$g4j@jupiter.planet.net>
Source record: 218159
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

zut@cais.com wrote:

>On Tue, 27 Aug 1996, Bill Sohl wrote:

>> Mere use of CW by some percent of hams no longer
>> constitutes a valid reason to mandateall hams on
>> HF must learn that mode.

>In QST, October 1995, Vol. 79, No. 10, page 9, it says,

>"From surveys, we know that 48% of the ARRL members in the United States
>already have access to the Internet, either directly or via an on-line
>service. Comparing this figure to the popularity of the various
>over-the-air communications modes, it would rank behind FM (79% of active
>ARRL members use it), SSB (also 79%), and CW (54%) - but ahead of packet
>(40%) and far ahead of any other mode."

>That "some percent" is pretty high Bill. There are more ARRL members
>operating CW than there are on the Internet and CW's popularity ranks
>third only after SSB and FM.

That some percent is not mean that 54% of all QSOs are CW as anyone
can see. If someone made one CW QSO a year they'd answer
in the affirmative. All the above states is that slightly more than
1/2 of ACTIVE ARRL members operate some degree of CW.
In any case, it alone still doesn't serve as hjustification to mandate
that anyone needs to learn CW. If someone wants to hold CW
QSOs, they'll learn it on their own without the forced requirement.

>Maybe you didn't see the editorial, but do you not listen to the CW bands?
>Don't you go out on field day? Haven't you ever listed on the low ends of
>the bands on CW contest weekends? How about the 30 meter band? Have you
>never listened there? It would appear you haven't.

These comments don't support CW testing, they support the use of
CW... something that I and most anti-testors have no problem with at
all.

>CW is alive, well, and thriving. In fact, the demand for QRP CW
>transceivers alone has almost single handedly revived the kit industry.
>Just open your eyes and ears and it'll become apparent.

Then why must the skill be mandated as a test element. If it has
continued interest it'll thrive on its own.

>This has nothing to do with the so-called debate about Morse testing, but
>it does have to do with correcting your implication that there is little

>CW activity when in fact there is. You may believe that's the case, or
>perhaps you might even WISH it were, but quite simply, it isn't.

I never said there was LITTLE activity.

Bill Sohl K2UNK
ARRL Local Gov't Liaison, Mt. Olive Township, NJ

1762. Re: Palomar, Texas Star Amps

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: Tom Sledge <SKY444@worldnet.att.net>
Message-ID: <3223B0E8.20F6@worldnet.att.net>
Source record: 218160
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Doug D wrote:
>
> James Beasley <tealing@pac.bell> wrote:
>
> >Well no wonder Tom, for heavens sake CB amps! Anyway you have really
> >been a good lover and I think we should come out of the closet right
> >here on the newsgroup...I LOVE YOU 88's [:-O]
>
> What are you? Co-dependent? Why can't you be satisfied by
> the way you just came out of the closet on your own.
> This is the 90s, no one cares about your sexual preferences.
> Doesn't your company have a "Don't Ask - Don't Tell" policy?
> If you're trolling for sexual men, there are other groups
> more suited to your inclinations.
>
> Have a nice day,
>
> Doug

WHO CARES ANYWAY!?

1763. IPS Daily Report - 27 August 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <5000gf$6uf@flare.syd.ips.oz.au>
Source record: 218161
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 27/2330Z AUGUST 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 27 AUGUST AND FORECAST FOR 28 AUGUST - 30 AUGUST

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 74/11

GOES satellite data for 26 Aug
Daily Proton Fluence >1 MeV: 5.9E+05
Daily Proton Fluence >10 MeV: 1.7E+04
Daily Electron Fluence >2 MeV: 2.0E+08 (moderate)
X-ray background: A6.6
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
28 Aug 29 Aug 30 Aug
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 28 Aug: 75/13

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Unsettled to active

Estimated Indices : A K Observed A Index 26 Aug
Learmonth 14 3333 2432
Fredericksburg 15 13
Planetary 15 13

Observed Kp for 26 Aug: 3443 1132

2B. MAGNETIC FORECAST
Date Ap Conditions
28 Aug 15 Unsettled to active
29 Aug 15 Unsettled to active
30 Aug 20 Active
COMMENT: IPS Geomagnetic Warning 9 was issued on 26 August and
is current for interval 26-30 August. Active levels are expected
next three days due to coronal hole.

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band
Date Low Middle High
27 Aug Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
28 Aug Normal Normal Fair
29 Aug Normal Normal Fair
30 Aug Normal Fair Poor
COMMENT: High latitude HF comms remained normal yesterday. However,
degraded high latitude HF comms are still expected over the next
three days.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
27 Aug 15

Observed Australian Regional MUFs:
near predicted monthly values at all sites.

Predicted Monthly T index for August: 10

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
28 Aug 10 near predicted monthly values
29 Aug 10 near predicted monthly values
30 Aug 0 10 to 20% below predicted monthly values
COMMENT: HF conditions remained mostly normal yesterday. Low
and Mid latitude HF conditions are now expected to remain good
until 29-30 August. Degradation HF conditions at mid latitudes
may be experienced on 30 August.
--
IPS Radio and Space Services | email: rwc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/rwc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/rwc/
tel: +61 2 94148300 | fax: +61 2 94148331

1764. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: jbaltz@news.cs.columbia.edu
Message-ID: <5007do$2mb@play.cs.columbia.edu>
Source record: 218162
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <4vv6h2$jp0@nnrp1.news.primenet.com>,
Rob Neff <n7ory@primenet.com> wrote:
>With radios Gary, there are no bullets, no blunt force trauma, no
>observable means of harm what-so-ever at amateur levels, other than
>possible rf burns. So, what part of prove it do you not understand?

Umm..Rob, come over here. I have this 1000 W microwave transmitter. Would
you like to stand in front of the dish when I transmit?

>Rob Neff (N7ORY)

//jbaltz
--
jerry b. altzman Entropy just isn't what it used to be +1 212 650 5617
jbaltz@cs.columbia.edu jbaltz@scisun.sci.ccny.cuny.edu KE3ML

1765. Re: Whatever happened to AC-SSB ??

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: frohro@wwc.edu
Message-ID: <frohro-2708962120440001@hrf.wwc.edu>
Source record: 218163
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

A couple of my engineering students and I picked up the frequency companding idea and implemented it on the TI DSK DSP evaluation board. It was written up
in QEX a while back. The editors allowed me to put a copy on my web page. You can see it at http://www.wwc.edu/~frohro/qex/qex-art.html. We didn't implement the amplitude compandor, but that could be added in. Our testing indicated that it was a feasible system, but I doubt it will ever catch on, as there are better ways of reducing the spectrum with DSP.

--
Rob Frohne
E.F. Cross School of Engineering
Walla Walla College
204 S. College Ave.
College Place, WA 99324

frohro@wwc.edu
http://www.wwc.edu/~frohro

1766. club call sign

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: "Lawrence A. Fitch" <hambug@flash.net>
Message-ID: <3223CB4A.D0A@flash.net>
Source record: 218164

Anyone know where I can find info on getting a club call sign assigned
to us?
Thanks

lawrence KB5SYN

1767. Re: Hog Mobile -- any hams doing it? (not a Joke).

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: rfm@worldnet.att.net
Message-ID: <wkiva45acl.fsf@urth2.worldnet.att.net>
Source record: 218165
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

In article <3221D0C8.75FF@sedona.intel.com> Cecil Moore <cmoore@sedona.intel.com> writes:

> although everyone agreed that the sound of a Harley engine
> coming over the repeater is pretty neat. :-)

I thought sending music over the ham bands was against regs.

--
Rich McAllister, KO6CL, rfm@worldnet.att.net

1768. Re: Saturn Owners

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: Steve Wolf <no8m@apk.net>
Message-ID: <3223BCF3.17E8@apk.net>
Source record: 218166

> I have a 1996 Saturn SL2 automatic. I have recently installed a 1/4 wl
> antenna for 2m on the trunklid (center) and have noticed a radiated noise
> problem, on 146.52 and other freqs.

I also have the same noise. If you fix it I will send you a BIG attaboy!

In the Cleveland area we have ratchet jaw QSOs cloggin up the calling
channel so it isn't used much. No incentive to fix the noise here as
52 isn't a calling frequency.

--
73,
Steve
Internet: no8m@apk.net
Amateur Radio: no8m@no8m.#neoh.oh.usa.na
MSYS Mail List: msys-request@hamnet.org ('info' for title)

1769. NEED DISCONE PLANS

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: dave.formilan@hobbs.com
Message-ID: <8C73225.00290069FA.uuout@hobbs.com>
Source record: 218167

Looking for plans to build a discone antenna for RX 25-1300MHz and TX 6M/2M/440/900/1200MHz. I have access to materials, but need plans.

Any help or even recommendations on commercial kits would be appreciated.

Thanks,

Dave Formilan
dave.formilan@hobbs.com

OLXWin 1.00a If this were an actual tagline, it would be funny.
* Origin: CyberNet BBS Lyndhurst, NJ (1:2604/151)

.....ooooooooo���OO0O0o
http://www.intac.com/~cono ___,-----.----+________#_
The Roy Hobbs BBS |_______| |__|_________}
Moonachie N.J. 201.641.3126 ooooo oo ~ ooO-O-O-O == ��\
==========

1770. computer DTMF tones

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: Pyrodex <jjeffers@wms.luminet.net>
Message-ID: <3222D03E.2ED9@wms.luminet.net>
Source record: 218168

Hi everyone!

I'm pretty sure that there is better groups for this but here is my problem:

A new reapeater controller that I just got requires DTMF tones at faster then one per a second to prgram it. (I think it is in there so people don't attempt to hack it ;-) What I need is a program that would send out the DTMF tones from my laptop computer.

So I'm wondering if anybody has a chunk of C code they could send me so I could modify it for my use. I've tried it in basic but I have nut come up with a way of doing with inder a second delay. I know C++ for dos so that would be perfealble.

Also if there is a program already written were I can give it Hertz tones and it will generate DTMF's that is fine too.

Thanks for your time

Jim KB0THN

P.S. Please e-mail reply as i have an unreliable news feed.

Jim Jefferson KB0THN
Check out my website at:
http://www.luminet.net/~cjeffers/ There is a swap area that some of you might be interested it

1771. FT-101E loading instructions ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-27 00:00:00 UTC
From: kleite@gtec3.ndhm.gtegsc.com
Message-ID: <4vvhqk$2q5@europa.chnt.gtegsc.com>
Source record: 218169

Hi,
And thanks for reading my post, I have had my FT-101E for a number of years. But for some reason cannot find the manual, I was wondering if anyone could forward me the directions on loading up the FT-101E. Its been a number of years since I have done this and would like to be refreshed.

Thanks for any help ....

Keith ....

==========
Statements here are mine and do not reflect the opinions of my employer
==========

Keith J. Leite, AA1JF Email:kleite@gtec3.ndhm.gtegsc.com

GTE Government Systems
Communications Systems Division
Information Technology Network Operations
400 John Quincy Adams Rd.
Taunton, MA 02780 USA
==========

"THROUGH THE GATEWAY; OFF THE REPEATER; OVER THE T-1 BACKBONE...NOTHING BUT NET!!!"

1772. Re: chasteen@juno.com (John T Chasteen): Crystal FT-241

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: mc@shore.net
Message-ID: <501afp$s2i@northshore.shore.net>
Source record: 218054

In article <19960826.225151.8926.5.chasteen@juno.com>,
John T Chasteen <chasteen@juno.COM> wrote:
>
>Subject: Crystal FT-241
>Date: Fri, 23 Aug 1996 23:24:27 -0500 (CDT)
>Message-ID: <19960825.203759.3134.6.chasteen@juno.com>
>
>
>
>>From:chasteen@juno.com (John T Chasteen)
>>To: BA
>
>>I have some FT-243 chan 271 (5700KHz) through Chan 388 (8625 KHz).
>>
>>How can they be utilized?
>>I am not trying to sell any since they are 25 Khz apart.
>>
John:

This set is from the BC-1225 and may be in the CS-137 case. You can use
the 40m crystals and the 8 meg rocks are good in an older AM 2m rig like
the Gonset Communicator series.

Hope this helps!

73,

Michael Crestohl, KH6KD/W1
mc@shore.net

1773. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: jbaltz@news.cs.columbia.edu
Message-ID: <5022l9$9lu@play.cs.columbia.edu>
Source record: 218055
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <501o8k$4fi@nnrp1.news.primenet.com>,
Rob Neff <n7ory@primenet.com> wrote:
>jbaltz@news.cs.columbia.edu (Jerry B. Altzman) wrote:
>>In article <4vv6h2$jp0@nnrp1.news.primenet.com>,
>>Rob Neff <n7ory@primenet.com> wrote:
>>>With radios Gary, there are no bullets, no blunt force trauma, no
>>>observable means of harm what-so-ever at amateur levels, other than
>>>possible rf burns. So, what part of prove it do you not understand?
>>Umm..Rob, come over here. I have this 1000 W microwave transmitter. Would
>>you like to stand in front of the dish when I transmit?
>Re-read the post Jerry. I'm sure you'll notice the line that says
>"other than possible rf burns."

1000 W of microwave energy isn't "rf burns" -- that's "tissue heating". The chicken that I pop into the microwave oven to warm isn't rf burned hot, is it?

RF burns are what you get when you grab onto someone's antenna when they're transmitting.

>Rob Neff (N7ORY)

//jbaltz
--
jerry b. altzman Entropy just isn't what it used to be +1 212 650 5617
jbaltz@cs.columbia.edu jbaltz@scisun.sci.ccny.cuny.edu KE3ML

1774. Re: Modern digital versus SSB and Morse (was Re: Commercial CW use)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug28.154533.5920@ke4zv.atl.ga.us>
Source record: 218056
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

In article <4vuu68$lia@vixen.cso.uiuc.edu> w9sz@prairienet.org (Zack Widup) writes:
>
>>Gary Coffman wrote:
>>>
>>> In article <321DD7DB.28EC@gte.net> Jim Conn <jconn@gte.net> writes:
>>> >carl@ais.net wrote:
>>> >>
>>> >> In <321CD03B.144A@gte.net>, Jim Conn <jconn@gte.net> writes:
>>> >> >I don't get it. The HF bands are not useful for high speed digital work.
>>> >> >
>>> >> Rediculous ... all it takes is the right modulation and coding
>>> >> techniques and a progressive regulatory structure that permits it.
>>> >> Obviously higher data rate wider bandwidth transmissions are more easily
>>> >> accomodated at higher frequencies, but HF will support FAR beyond 300
>>> >> baud FSK packet.
>>> >> The cost/bandwidth/performance of HF high speed digital services
>>> >render such a thing impractical within the confines of the amateur bands.
>>>
>>> Nonsense. We have an off the shelf solution in Clover which gives us
>>> 750 bps (in OOK Morse terms that's 1125 WPM) in 500 Hz. We can go faster
>>> than that. Using a raised cosine FSM, we can put 38 non-overlapping 50
>>> baud carriers in a 3 kHz channel. That gives 1900 bps while still
>>> maintaining a symbol rate compatible with HF multipath. If we use symbol
>>> overloading, as Clover does, we can boost that to 4500 bps. If we more
>>> aggressively overload symbols and use some simple coding tricks, we can
>>> jump to 7600 bps, still in a 3 kHz channel. If we throw in a bit of
>>> compression and some FEC, we can do 11.4 kbps. Subtracting overhead,
>>> we can achieve a net 9600 bps in a 3 kHz channel without sacrificing
>>> our ability to deal with multipath. And we can do that for less than
>>> $100 in DSP parts (or even do up through 4500 bps on a PC with just a
>>> sound card and a bit of software, IE essentially free).
>>>
>
>I cannot TYPE 1125 wpm. In fact, I can send CW faster than I can type!
>I'm not even sure I can TALK 1125 wpm.

I am uncharitably driven to repeat the Morse proponent's cry
of "Practice!" in response to your reported low typing speed,
but I'll try to give a better answer than that.

Yours is a common reaction. If it didn't overlook several important
factors, we'd all we content to use 300 baud Bell 202 half duplex
modems here on the net too since that's equivalent to 450 WPM, and
none of us can type that fast either. We aren't, however, and therein

lies the answer for the need for speed. We can convey much richer content than simple text with a bit of speed. For example, if we are discussing a circuit or antenna with our contact, we can bring up a whiteboard and draw a diagram for him if we have sufficient speed. We can't hope to do that plodding along at 20 WPM. We also typically have canned "brag tapes" that we send to new contacts to let them know something about us and our stations. Letting that dribble along at 20 WPM would take intolerably long.

And there's another side to this as well. IF we truly don't have more to say than can be conveyed in a few minutes at 20 WPM, we can drop our transmit power until the CNR is actually *negative*, and still have enough throughput to maintain 20 WPM text. We can't do that with OOK Morse at all. With Clover, we reach that point with a CNR of -4 db, and with PACTOR II we reach it at -18 db on a non-fading channel. On a poor fading channel, Clover doesn't do so well, requiring about +2 db CNR, but PACTOR II continues to operate at the desired throughput with a CNR of less than -10 db. That's about 20 db less signal than a good Morse operator needs to maintain error free 20 WPM.

Note, a very skilled weak signal Morse operator can detect Morse signals at mildly negative CNRs, but he can't approach 20 WPM when signals are that weak, PACTOR II can. In a time where large outdoor antennas have become difficult to install (due to restrictive covenants, apartment living, etc), where TVI and RFI are a concern (due to a myriad of shoddy consumer electronics co-located with many of our stations), and where the current level of awareness of RF exposure hazards is heightened, a technique which can work well with very low transmit power should be welcomed and fully embraced.

>This is still a HOBBY ... only a HOBBY. It is what you want to put into
>it, and the wonderful thing about it is that it is so diversified there
>is something for everyone.

I grind my teeth every time I see that "only a HOBBY" line. We are amateurs voluntarily, self-selected by free choice, and we enjoy what we do, but it is more than "only a HOBBY". The service has chartered purposes for us to fullfill. That differentiates amateur radio from playing golf or from collecting stamps. Those latter activities *are* "only hobbies", but amateur radio is more than that. We are chartered to self-train in the radio arts, further those arts, provide public service and emergency communications, and foster international goodwill. We can, of course, have fun doing those things. That is our only reward. But puttering in a backwater of radio technology isn't fullfilling the first two elements of the charter very well, and could be impairing our ability to fullfill the third. The amateur radio operator's Code (ARRL) says "An amateur is progressive". We need to think about that once in a while.

>There are those who wish only to chat on 2 meter FM with HT's. Fine ...
>there's a place for them and I enjoy their company. There are those who

>wish to play around with technology ... fine, they have their places too.
>I also enjoy reading about that aspect of the hobby.
>
>Some of us (myself included) are DXers, contesters and VHF DXers/contesters
>who build their own VHF equipment. We have our places in the hobby, too.
>
>The thing is that it is a communication hobby as well as a technology
>hobby. Live communication. I'm not trying to send a novel to the
>guy at the other end; I can do that on Internet. But considering my
>typing speed I don't need to send data at 2500 wpm or whatever; I just
>want to communicate with they other guy in real time and if I can send CW
>at 60 wpm, type at 45 wpm or talk at 300 wpm I'll still exchange ideas.

Yes, you can, but you can also do better than that. You can exchange more ideas, or exchange them more clearly and fully, with better techniques. You can also reduce the RF pollution on the bands, thus allowing room for more people to do likewise by reducing the power necessary to communicate. If you really only have a few hundred words to say to another person, you can do it in a couple of minutes instead of an hour, thus freeing the spectrum for others to enjoy, or allowing you to interact with more people in a given amount of time. There are many reasons why you might want to use speeds greater than your personal typing rate, and to use techniques which require less power and bandwidth than other methods to boot.

The Amateur's Code says we're to be progressive, but it doesn't say we have to be progressive every minute. We can use older slower less efficient and less effective techniques from time to time if we get enjoyment from doing that, but we shouldn't turn our backs on better techniques in the process. We should be educating ourselves in modern communications theory and practice as an ongoing matter of course. We should be able to recognize that there are other and better ways of doing things than the methods we've used in the past. And we should be able to do some of those things too from time to time.

As you note, not every amateur needs to do everything. There are a multitude of things to do in amateur radio, and many of them have value as well as being enjoyable. As amateurs we have diverse interests, but we should all have the charter purposes of our service in sight as desirable goals to be pursued. That doesn't mean we all have to become (moderately) high speed digital operators, or dedicated ARES operators, or rabid goodwill ambassadors, etc, but we should be extending ourselves in some direction constantly, and not just be stagnant backmarkers filling up space (and spectrum) without any real purpose or direction.

The Army's recruiting posters proclaim that it is "Not just a job, it's an adventure." We should approach amateur radio the same way. It is the best hands-on learning laboratory to which we're ever likely to gain admission. We should take full advantage of it. We're never too old to learn new tricks, unless we let our brains fossilize by going over and over the same ruts day after day. There's nothing more

exciting or enjoyable than gaining a fresh insight, or mastering a new technique. New ideas serve to blow out the cobwebs and sharpen the intellect.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1775. Re: Questions about WARC bands

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <5029pn$npa@news.Hawaii.Edu>
Source record: 218057
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Dana Myers <myers@West.Sun.COM> wrote:
>Jeffrey Herman <jherman@Hawaii.Edu> wrote:
>>Gary Coffman <gary@ke4zv.atl.ga.us> wrote:

>>>Ok, the so-called WARC bands are open to General Class and
>>>above. Here's the mode breakdown.
>>>
>>>30m 10.1-10.15 MHz RTTY/data

>>I know you feel a disgust towards CW, but intentionally leaving
>>it out as a 30M mode is rather silly. "Data" does not include
>>CW as outlined in the ARRL Handbook: "Data, telemetry and telecommand
>>are identified by D as the third symbol of the emission designator..."
>>The emission symbol for Morse is A1A, not A1D.

>I guess, Jeff, the fact that CW is allowed on all amateur
>allocations doesn't matter to you? I mean, there are
>*no* frequencies where CW is prohibited, so there's
>no need to explicitly mention it is allowed.

Hi Dana,
Then why list any mode at all? Surely if one were to know that CW is
permitted on 30M they would then know that RTTY and data are permitted, too.
The person who posted the original query mentioned he felt as if he'd
woken up from a "deep sleep" regarding the WARC bands; if he doesn't see
CW listed above then just maybe he might get the impression that CW
is not allowed. (A point in favor of Gary's post is that he did mention
that there were no CW sub-bands, but why save that for the small print
at the bottom?)

All the HF spectrum charts I've even seen have included CW - with your
reasoning they shouldn't.

How did you originally discover that CW was allowed everywhere on HF?
Again, with your reasoning that fact should not appear in print since you
feel it is a given and everyone is born knowing it.

Jeff KH2PZ
DoD #1A

1776. Re: QRZ News

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: Bill Langton <blangton@sierra.net>
Message-ID: <500mss$d18@nntp.sierra.net>
Source record: 218058

Fred...

I second the posting...Keep up the great work. You site is a great asset
to hams everywhere.

Take care...

Bill

--
Bill Langton (blangton@sierra.net)
ARS - KN6ER WAS,WAC,DXCC,W-100-N, DXDA
Truckee, California
WWW - http://www.iwn.com/wwws

1777. IPS Daily Report - 28 August 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <502jpe$ms8@flare.syd.ips.oz.au>
Source record: 218059
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 28/2330Z AUGUST 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 28 AUGUST AND FORECAST FOR 29 AUGUST - 31 AUGUST

1A. SOLAR SUMMARY
Activity: Low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 73/9

GOES satellite data for 27 Aug
Daily Proton Fluence >1 MeV: 5.3E+05
Daily Proton Fluence >10 MeV: 1.7E+04
Daily Electron Fluence >2 MeV: 1.3E+08 (moderate)
X-ray background: A6.7
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
29 Aug 30 Aug 31 Aug
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 29 Aug: 75/13

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Quiet to active

Estimated Indices : A K Observed A Index 27 Aug
Learmonth 11 2223 4322
Fredericksburg 15 16
Planetary 15 14

Observed Kp for 27 Aug: 3343 2333

2B. MAGNETIC FORECAST
Date Ap Conditions
29 Aug 15 Active
30 Aug 20 Active, minor storm periods possible
31 Aug 13 Unsettled to active
COMMENT: IPS Geomagnetic Warning 9 was issued on 26 August and
is current for interval 26-30 August.

3A. GLOBAL HF PROPAGATION SUMMARY

Latitude Band
Date Low Middle High
28 Aug Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
29 Aug Normal Normal Fair
30 Aug Normal Fair Poor
31 Aug Normal Normal Fair
COMMENT: Degraded high latitude HF comms expected 30 August.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
28 Aug 15

Observed Australian Regional MUFs:
near predicted monthly values at all sites.

Predicted Monthly T index for August: 10

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
29 Aug 10 near predicted monthly values
30 Aug 10 near predicted monthly values
31 Aug 0 about 15% below predicted monthly values
COMMENT: Degraded HF conditions at mid latitudes may be experienced
on 30 August.
--
IPS Radio and Space Services | email: rwc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/rwc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/rwc/
tel: +61 2 94148300 | fax: +61 2 94148331

1778. Re: Modern digital versus SSB and Morse (was Re: Commercial CW use)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: Jim Conn <jconn@gte.net>
Message-ID: <32246C96.5CDC@gte.net>
Source record: 218060
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

carl@ais.net wrote:
>
> Fine ... multiplex your "CW" bits in with the others and rag-chew all
> you want ... just don't force me to do it ... I'd rather use my bits in
> other ways.
>
> If we don't use our spectrum more efficiently, we'll lose it to those
> who will invent more efficient, productive used for it.
>
> Carl - wa6vse
> carl@ais.net

Last time I checked, no one is forcing anyone to USE CW - just learn it. I stand by my original opinion that Amateur testing should encompass the hobby from A to Z. That means that RTTY, CLOVER, PACTOR, and CW all should be included, even if perhaps the former have a smaller following than CW.

Besides, the VHF and UHF bands, were CW is less frequently used, are the ones being threatened, not the HF bands. I don't consider the threat to the VHF & UHF areas to be a valid argument against CW testing, since those areas are already open to those with a no-code license.

73,

Jim - AD4VL

1779. Re: Amateur Radio Newsline Financial problems

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: wa2ise@netcom.com
Message-ID: <wa2iseDwuz54.Hn1@netcom.com>
Source record: 218061

Could Newsline get rid of most of their audio "phone answering machine" phone lines (the ones deceminating(sp) the newscast). Most people are at "long distance" distance away from all these numbers, and after you get past about a hundred miles, phone call rates are about the same.

Or just keep posting the text of the newsline report on the Internet, and forget about the audio voice newscast. A 15 minute wav file is probably too big to ftp or post, though...

1780. Re: Modern digital versus SSB and Morse (was Re: Commercial CW use)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: Jim Conn <jconn@gte.net>
Message-ID: <322473F3.66C5@gte.net>
Source record: 218062
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

carl@ais.net wrote:
>
> Fine ... multiplex your "CW" bits in with the others and rag-chew all
> you want ... just don't force me to do it ... I'd rather use my bits in
> other ways.
>
> If we don't use our spectrum more efficiently, we'll lose it to those
> who will invent more efficient, productive used for it.
>
> Carl - wa6vse
> carl@ais.net

Last time I checked, no one is forcing anyone to USE CW - just learn it. I stand by my original opinion that Amateur testing should encompass the hobby from A to Z. That means that RTTY, CLOVER, PACTOR, and CW all should be included, even if perhaps the former have a smaller following than CW.

Besides, the VHF and UHF bands, were CW is less frequently used, are the ones being threatened, not the HF bands. I don't consider the threat to the VHF & UHF areas to be a valid argument against CW testing, since those areas are already open to those with a no-code license.

73,

Jim - AD4VL

1781. FS: Kenwood TS120S Station - Last Chance

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: Paul Knight <pknight@elec.ctl.etn.com>
Message-ID: <322472F2.32B@elec.ctl.etn.com>
Source record: 218063
Cross-posted to: rec.radio.swap,chi.forsale,rec.radio.amateur.misc

Last price reduction:

Kenwood TS120S station; 80-10M SSB/CW rig (no WARC), 200W PEP input,
digital display, w/YK88C CW filter. Rig is in excellent condition.
Includes:

SP120 external speaker
MB100 mounting bracket
Generic hand mic
Owners and Service manuals

$280, firm, plus shipping, for the whole station.

--
Thanks!

Paul Knight WD8DKY
pknight@elec.ctl.etn.com

-or-

PEKnSLK@aol.com

1782. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: cgreenha@magnus.acs.ohio-state.edu
Message-ID: <cgreenha.608.32244224@magnus.acs.ohio-state.edu>
Source record: 218064
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <4vvri9$c0r@abyss.West.Sun.COM> myers@West.Sun.COM (Dana Myers) writes:

Hello Dana.

>>I run a Kenwood 451a on 9.6k 24 hours a day. Some will claim this radio
>>is inadequate for 9.6k operation, and I have not had it on any test equipment,
>>but it runs flawlesly with my Kantronics 9612 on both, the 9.6k repeater, and
>>keyboard-to-keyboard.

>Well, it isn't exactly 'flawless'...

How so?

>>The only downside is I have to run a 250ms TXDELAY thru the repeater, as the
>>PLL (of course) "sweeps" a little when switching from the TX freq, to the RX
>>freq...and vice versa.

>Oh, you've got a huge PLL settling delay. That *is* a flaw in 9k6
>operation.

Well I wouldnt call it a "flaw"...I think what you mean is "unacceptable". And
it should be noted, that referes to you...not necessarily anyone else.

>250mS? I won't use a radio that requires that much
>TXD on 1k2.

Fine...again...those are your standards, and you should be comended for keeping
such high standards, but the fact is...most folks use 200 to 350ms TXD @ 1200
bps.

>The problem is that a radio with that much delay
>contributes significantly to hidden transmitter syndrome, *even on
>a duplex repeater*. There's a huge window from the time you
>activate PTT until your radio starts spewing a carrier, which
>invites other stations to collide with you.

I wouldnt call it "significant", nor would I call the window "huge". fact is,
the PLL lock takes less than 250ms...it is set there to allow a buffer. But you
are correct about the collisions, however, collisions can happen even with
rigs set at 50ms.

>Also, the receiver recovery time means that you'll probably miss
>rapid replies, they'll timeout and retry before you get the
>frame.

True, but I have not experienced that problem. Granted there are not a lot of
users on 9.6k in our area, but all of my operation has been solid, with no

retries.

>This won't happen if other stations are
>running similarly>long TXDs, but then you're really throwing away the 9k6
>advantage>(a 256 byte frame doesn't take much more than 250mS to send; so
>a TXD of 250mS represents a loss of 50% of potential throughput).

You need to consider more numbers in your formula. If PACELEN is set high, and a few other parameters that escapes me right now, one can TX and RX a very large block per transmission/reception. I can collect (and send) a full paragraph per transmission. The difference between 1200 and 9.6 on my station is obvious.

>Um, save up your cash (under $150 for a clean Mitrek and rocks) and get
>a radio that switches in 50mS (or less) and you (and all the others on
>the same channel) will be much happier.

While I appreciate your comments Dana, not everybody has the experience, know-how, and money to do everything "the best way" on their first try. Just like the recent threads about taking better advantage of higher speeds in the higher bands...I am doing just that.

Yes, I may not have the "best" setup, but I am sure not going to critisize someone who is trying to move ahead...regardless of their equipment.

Take care.

>--
> * Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
> * (310) 348-6043 | not be interpreted or represented as *
> * Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

Christopher K. Greenhalgh, N8WCT
Computer/Electronic Tech. II at The Ohio State University
E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

1783. Re: Amateur Radio Newsline Financial problems

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <501arb$1qt@anomaly.ideamation.com>
Source record: 218065

In article <500gfq$pn3@newsbf02.news.aol.com>, LHC007 <lhc007@aol.com> wrote:

>Since becoming a Ham I have also been a member and supporter of the ARRL.
>The Newsline seems to me to be just the kind of Amatuer community service
>that I would exepct the ARRL to recognize and actively support. The
>Twelve thousand dollars that would keep the newsline in operation for a
>FULL YEAR cannot be that large an amount to the ARRL.

Since becoming a ham and reading Newsline posts on USENET I've never seen
any posting from them that did not say they were in financial straits.
Now, I don't doubt that it costs a lot to operate the service ($1000/mo
is a lot of money though) but if people are not willing to pay for the
service they should just close it down, period, and save us from repeated
cries of hardship and needing cash.

MD
--
--
-- "I have more guns than I need, and less guns than I want." -- Phil Graam
--
-- If you don't like my opinions, that's just too damn bad.

1784. Re: Ton O' Radios Special Event

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: mc@shore.net
Message-ID: <501a6v$ri0@northshore.shore.net>
Source record: 218066

In article <3221BAD5.27F6@cax.es.xerox.com>,
George Eldridge <eldridge@cax.ES.xerox.COM> wrote:
>--MIME Multi-part separator
>
>The Xerox Amateur Radio (XAR) club WD6CZH will be running the "Ton O'
>Radios" special event station this weekend. Our goal is to work over
>2,000 pounds of radios. The exchange is your callsign and the weight of
>the transmitter and receiver (or transceiver) used to make the contact.
>
Try to work "Boatanchor Bob" NA4G! He has enough heavy radios for you to
reach your goal with one contact!

73,

Michael Crestohl, KH6KD/W1
mc@shore.net

1785. Need 8750 cable

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: viny Coppola <76103.723@CompuServe.COM>
Message-ID: <50256v$1hh$2@mhafn.production.compuserve.com>
Source record: 218067

Looking for the cable from the 8750 storage analyzer to connect to

the rest of the 8410 system.

Thanks beforehand

Viny Coppola

NEED 8750 CABLE
Need 8750 cable

1786. Re: Whatever happened to AC-SSB ??

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: Charles Hoffman <choffman@pelican.davlin.net>
Message-ID: <32248E5F.291F@pelican.davlin.net>
Source record: 218068
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

Interesting. I will take a look. Incidentally, I have a VBC Model 3000
Baseband Transeiver if anyone is interested, with book; make offer.

Rob Frohne wrote:
>
> A couple of my engineering students and I picked up the frequency
> companding idea and implemented it on the TI DSK DSP evaluation board. It
> was written up
> in QEX a while back. The editors allowed me to put a copy on my web page. You
> can see it at http://www.wwc.edu/~frohro/qex/qex-art.html. We didn't implement
> the amplitude compandor, but that could be added in. Our testing indicated that
> it was a feasible system, but I doubt it will ever catch on, as there are better
> ways of reducing the spectrum with DSP.
>
> --
> Rob Frohne
> E.F. Cross School of Engineering
> Walla Walla College
> 204 S. College Ave.
> College Place, WA 99324
>
> frohro@wwc.edu
> http://www.wwc.edu/~frohro

1787. Request for info on power inverter

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: JLINETT@bmc.com
Message-ID: <96241.152536JLINETT@bmc.com>
Source record: 218069
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

Hi All,

I would like to build a power inverter for mobile use. I would like
to be able to convert 12v DC to 120 vac at around 2500 watts output.
Although I have some experience designing and building regulated DC
supplies, I am not familiar with inverters.

I would appreciate any suggestions on books or other sources of schematics.
If there are kits available, that information would be welcomed also.

Please email direct.

Thanks,
Jon KN4AE

1788. Re: Blake causing trouble now?? was:Re: Could it be true? Is this possible?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: John Mackey/KA0SSF <nothing@anywhere.edu>
Message-ID: <32247860.E7@anywhere.edu>
Source record: 218070
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.misc

Blake Bowers wrote:

> I simply posted a message about a rather famous gaff you made one day
> with your postings, when you posted a rather embarressing episode you
> had when you tore up some repeater equipment, that you had been
> accused of not being competent enough to handle.

But you won't back up your statement with facts like what repeater equipment I tore up, where, belonging to who, type of equipment, & how I was not competent. You ran your mouth but now that you have been asked for facts you stay quiet. If it was so famous you would not need to talk about it because every one would know. You are telling stories without facts to boost yourself & your friend Cheek. You won't even post this message you are referring to.

> If need be, I could post it here for all to interpet any way they
> want, I kept a copy.

I've asked you to twice now but you won't.

1789. HAM-server Information

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: server@GRAFex.sbay.org
Message-ID: <gate.841299306$113@GRAFex.sbay.org>
Source record: 218071

Distribution: world
Subject: HAM-server information

HAM-server was devised to allow people without direct internet access a way
to get amateur radio related programs and other information. It is not
directly on the internet, so ftp and telnet is not available.

Most of the files on HAM-server are available via ftp from the various sites
around the world that archive them. That's where I got most of them.

In addition to DOS files, there are some Mac ,Linux, and OS/2 files available.
I'm always on the look out for more (particularly Mac, Linux, OS/2).
See below.

General Information:
====================

There is a daily limit of ALL requests of 3-megs. There is an individual
limit of 1.2-megs. If there are a series of files you want to order,
stretch them out over a few days, rather than ordering all at once.
That way, you are almost assured of getting them all, and you won't be
blocking others from getting their orders filled.

ASCII (text) files are split at about 59,000 bytes. UUENCODED binary files
are split at about 750 lines.

A new INDEX is automatically generated every Sunday.

Ordering Information:
=====================

Send an email to:

HAM-server@GRAFex.sbay.org

In the text of the message, place:

HELP
GET /hamradio/INDEX.TXT
QUIT

HELP will send you the HAM-server HELP file. This is processed immediately
for return delivery.

o DOS

If you are using a PC and you do not have UUDECODE, order
UUDECODE.BAS or UUDECODE.C and UUEXE536.ZIP. Compile on your
system then uudecode UUEXE536.ZIP. This is a archive of UUENCODE

and UUDECODE, with documentation. This will work for DOS and OS/2.

o OS/2

I highly reccomend UNZ512X2.EXE. This is InfoZip's ZIP and UNZIP
(plus other stuff). Will dearchive PKUNZIPped files, as well as
UNIX zipped files.

o Macintosh

Most Mac programs are stored in binhex (.HQX). You will need a
utility, such as StuffIt to decode. There are also UUDECODErs
and other de-archivers available. See the index for
/hamradio/macstuff/utility.

o Linux

Use UNZIP.

Some Reasons Why Ordered Files Are Not Received:
==

o If you are ordering from a ccmail system, be advised that ccmail
in its default configuration attempts to automatically UUDECODE
files. If your order is sent in parts, it will hiccup after the
first part. See your system administrator.

o Your return path is incorrect. My bounce mailbox fills up quite
regularly with messages. And, since the path is incorrect, I cannot
contact you to let you know. Try the PING command to check that
the path is open.

o You have spelled the file name incorrectly. Check the INDEX.

o You have entered your request incorrectly. Check the HELP file
for correct syntax.

o The file name has changed since the INDEX was generated. Order a
new INDEX. See the HELP file for the NEWFILES command.

o You sent your order to me personally or in reply to this post.
Orders are only honored when sent to HAM-server@grafex.sbay.org.
That's the way the software works.

YOUR HELP IS NEEDED:
====================

If you have a program you would like placed on HAM-server, you can email it
uuencoded (DOS, Linux, and OS/2) or binhexed (Mac) to

incoming@grafex.sbay.org

This email address is set up to flag me that there is something new that I
need to take care of quickly.

73 de KA6ETB

```
--EOF
```

1790. Re: Request for info on power inverter

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: anthonys@ix.netcom.com
Message-ID: <502e33$6fd@dfw-ixnews10.ix.netcom.com>
Source record: 218072
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

In <96241.152536JLINETT@bmc.com> <JLINETT@bmc.com> writes:
>
>
>Hi All,
>
>I would like to build a power inverter for mobile use. I would like
>to be able to convert 12v DC to 120 vac at around 2500 watts output.
>Although I have some experience designing and building regulated DC
>supplies, I am not familiar with inverters.
>
>I would appreciate any suggestions on books or other sources of
schematics.
>If there are kits available, that information would be welcomed also.
>
>Please email direct.
>
>Thanks,
>Jon KN4AE

You GOTTA be kidding! 2500 watts from a 12v battery? Minimum of
260A draw? Maybe, if you are prepared to carry around about 1000+
pounds of deep-cycle marine batteries for a very few hours of operation
(if that).

W6ANV San Francisco

1791. Re: SAMS Needs Your Electronics URLs

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: Ted Alexander <tealexan@ca.oracle.com>
Message-ID: <3224733E.76B8@ca.oracle.com>
Source record: 218073
Cross-posted to: rec.antiques.radio+phono,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.video.satellite.dbs,rec.video.satellite.europe,rec.video.satellite.misc,rec.video.satellite.tvro

Kenneth E. Harker wrote:
>
> In article <321fa55b.3452629@news.blarg.net>, future@blarg.net (Tim
> Gerchmez) wrote:
>
> > On 23 Aug 1996 12:05:57 GMT, Phil Wakely <pwakely@scigen.co.uk> wrote:
> >
> > >future@blarg.net (Tim Gerchmez) wrote:
> > >>On Wed, 21 Aug 1996 04:46:16 GMT, jafo@cheetah.net (Gregg) wrote:
> > >>
> > >>
> > >>>>Vs lbh pna ernq guvf, lbh ernyyl bhtug gb trg bhg zber
> > >>>
> > >>>Url! Jung xvaq bs n penpx vf gung? :-D
> > >>
> > >>Urururur.. V gubhtug EBG13 jnf bhg bs qngr.. guvf vf gur svefg gvzr
> > >>V'ir frra vg hfrq va dhvgr n juvyr ;)
> > >>
> > >
> > >Jung vf/jnf EBG13 ??
> > >
> >
> > Tvira gung lbh rapbqrq gur nobir, lbh onfvpnyyl nyernql xabj jung vg
> > vf. Vg'f n fvzcyr Hfrarg rapbqvat zrgubq (sbetbg jurer vg bevtvangrq,
> > fbzrbar ryfr pbhyq cebonoyl gryy lbh). V unqa'g rire frra vg hfrq
> > orsber hagvy guvf guernq fgnegrq. Zl arjfernqre (Ntrag .99S) vapyhqrf
> > n EBG13 rapbqre/qrpbqre, fb V'z abg qbvat guvf ol unaq ;)
>
> Gur svefg checbfr V rire fnj EBG-13 hfrq sbe (onpx va 1991 be gurernobhgf)
> jnf gb uvqr rvgure gur chapuyvar bs be na ragver wbxr gung jnf cbgragvnyyl
> bssrafvir be bs n evfdhr angher, cercraqrq jvgu n pyrnegrkg qvfpynvzre, fb
> nf gb nyybj gur vaqvivqhny ernqre gur bcgvba bs jurgure be abg gb ivrj gur
> zngrevny. V'z fher gurer ner bgure tbbq ernfbaf sbe vg nf jryy.
>
> Nf gb jurer vg bevtvangrq, vg'f n irel fvzcyr Pnrfne pvcure gung'f orra
> nebhaq n ybat juvyr (fvapr ng yrnfg gur qnlf bs Whyvhf Pnrfne) - lbh whfg
> fuvsg rirel yrggre 13 fcnprf va gur nycunorg (jenccvat nebhaq nf
> arprffnel.) V'z abg pregnva jung "EBG" zrnaf be jurer vg pnzr sebz,
> gubhtu.
>
ROT-13 => ROTate 13

1792. Re: ARRL WRC-99 Survey

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: marty@trucom.com
Message-ID: <501vjp$ph6@thepit.trucom.com>
Source record: 218074

armond@delphi.com wrote:

>Dave Finley <dfinley@newshost.aoc.nrao.edu> writes:
>
>>include amateurs who are not ARRL members. Though ARRL members
>>constitute only about one-fourth of licensed amateurs, the ARRL
>
>You say ARRL represents only 1/4 of licensed amateurs. Actually, at least half,
>maybe more, of the "licensed hams" possess no equipment and are not on the air.
>They (pardon the cliche) couldn't care less. Of the hams who are active, on the
>air, mult-band and multi-mode, I would say that the overwhelming vast majority
>are ARRL members.

I would like to see your figures that support either of your claims.

I suspect that there are none.

Marty Albert - marty@trucom.com
Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM

Heartland Internet Services

****
Could you use some extra money?
http://freedomstarr.com/?AL7837318
****

1793. Re: Questions about WARC bands

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug28.161904.6153@ke4zv.atl.ga.us>
Source record: 218075
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <500d86$j4a@news.Hawaii.Edu> jherman@Hawaii.Edu (Jeffrey Herman) writes:
>Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>>Ok, the so-called WARC bands are open to General Class and
>>above. Here's the mode breakdown.
>>
>>30m 10.1-10.15 MHz RTTY/data
>
>I know you feel a disgust towards CW, but intentionally leaving
>it out as a 30M mode is rather silly. "Data" does not include
>CW as outlined in the ARRL Handbook: "Data, telemetry and telecommand
>are identified by D as the third symbol of the emission designator..."
>The emission symbol for Morse is A1A, not A1D.
>
>>Note, the 30m band is shared with the international fixed radio
>>service and amateurs are not permitted to interfere with fixed
>>service stations.
>
>Thus, the maximum power on 30M is 200W PEP output.

Regardless of power used, amateurs aren't permitted to interfere
with fixed stations in this band.

>>17m 18.068-18.110 MHz RTTY/data
>
>And CW.
>
>>17m 18.110-18.168 MHz Phone/image
>
>And CW.
>
>>12m 24.89-24.93 MHz RTTY/data
>
>And CW.
>
>>12m 24.93-24.99 MHz Phone/image
>
>And CW. Bad boy, Gary.
>
>
>Jeff KH2PZ

As usual, your reading comprehension is poor, Jeff.
The above is straight from 97.305, and CW is *not*
a listed mode in the sub-band allocation tables.

THERE ARE NO CW SUB-BANDS ON HF! As I noted at the
end of the posting (which you convienently edited off),
CW is, of course, allowed on *every* amateur frequency,
and thus is *not* shown in the mode sub-band allocation
tables.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1794. EME-sceds wanted for clubstation SK7AX in JO77DS !

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: fredrik.elversson@mailbox.swipnet.se
Message-ID: <5023k5$56o@mn5.swip.net>
Source record: 218076
Cross-posted to: aus.radio,in.ham-radio,rec.radio.amateur.misc,rpi.union.ham-radio,su.org.ham-radio

Hello,

Clubstation SK7AX is located in JO77DS (Sweden). We would like to have
EME-sceds. We have 4 x 15el and 800 Watts (not so many watts for EME,
but we will have more soon!)

Sceds to:

Packet: SM7UGO @ SM7UGO.F.SWE.EU
E-mail: el96pema@ing.hj.se

Packet: SM7UGE @ SM7UGE.F.SWE.EU
E-mail: fredrik.elversson@mailbox.swipnet.se

73 de Fred SM7UGE

1795. FS: Maldol HF antenna / AT&T Cordless Phone

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: Paul Knight <pknight@elec.ctl.etn.com>
Message-ID: <322469EC.5508@elec.ctl.etn.com>
Source record: 218077
Cross-posted to: chi.forsale,rec.radio.swap,rec.radio.amateur.misc

Hi! I have the following for sale:

Maldol HS-VK5jr HF Vertical Antenna; covers 80-40-20-15-10M. It stands about 22' tall, and has a tunable "counterpoise" for each band, attached to the bottom. It is unused, having *never* been out of the box.

$50, OBO, + shipping, or trade for 40-20-15-10M Hustler standard resonators/Hamsticks.

AT&T Model 5471 Cordless Phone; 10 channels, black color, used very little, W/instructions.

$25, + shipping

Please drop me a note if interested.
--
Thanks!

Paul Knight WD8DKY
pknight@elec.ctl.etn.com

-or-

PEKnSLK@aol.com

1796. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: thompson@atl.mindspring.com
Message-ID: <502ken$136o@mule2.mindspring.com>
Source record: 218078
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

carl@ais.net wrote:

>The point is that the ARRL and its membership (even if you count the
>majority who really just "subscribe to QST" as "members") are a very
>modest minority of the licensed ham radio operators. Actually, I think
>they've got a lot of huevos passing themselves off as the "spokesman for
>the ham community at large" ...

It is the only organization recognized by the FCC, the US Government,
and ITU to represent amateur radio!

>It's damned time that they considered the views of non-members (and even
>non-ham wannabes) in formulating "policy" that ends up being presented
>to the FCC as "the will of the nation's hams."

I think non-member views are being considered. Anyone can fillout the
survey and return it to ARRL. Directors certainly listen to
non-members.

>Actually, I think it's time for someone to organize an alternative
>national organization to gather member views, formulate ideas for the
>future of ham radio, and present input to the FCC that is more
>accurately representative of the views and desires of the true majority
>of hams (and even, perhaps as a separate category, an encouraged
>participation by currently-non-ham wannabes).

This has been tried several times with NO SUCCESS. Opposition to the
League is not and never has been organized well enough to put together

such an organization. The most famous was NARC established because
many though the League was "CW" forever and did not look after the
concerns of the phone gang. Now (45 years later) the league is being
attacked as being anti-CW. You go figure!

My own view is that there are about 200,000 active hams out of the
650,000 in the USA and ARRL has about 50% of that. The other 50%
would make a real difference on the ARRL policies. Both groups need
to find out about the other 400,000 (maybe 300,000 as probably 100,000
are SKs).

Will CW go away? Several nations will ask, but WRC-99 will keep the
requirement as will the FCC. Probably 12 or 13WPM will be the max
speed required ...AH6NB had an excellent proposal he sent to ARRL/IARU

and I expect that 5 WPM gets you General level privileges by 2001.

Dave K4JRB

>Carl - wa6vse
>carl@ais.net

1797. Re: Vanity: Available callsigns?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: AC6V <AC6V@ix.netcom.com>
Message-ID: <3224F765.202D@ix.netcom.com>
Source record: 218079

MikeCrain wrote:
>
> Where are the best sources (official and unofficial) for callsign
> availability in the vanity program. (Remembering the rules like the
> callsign must have been unassigned for 2 years before it is available.)
>
> Please e-mail any messages.
>
> 73
> Mike/ KC4TY

Hi Mike Goto KA9FOX's very fine page at URL:

http://www.qth.com/ka9fox/

Then scroll down to:

The Contest / DX Library
QSL info, contest rules, records, DX bulletins, web sites,
LOTS more!

Then Scroll down to:
U.S. Vanity Callsign Information

Then scroll down to:
U.S. Vanity Callsign Information

Hope they have a goodie there for you -- I know some are already gone --
so try QRZ QSL Database at URL:

http://www.qrz.com/cgi-bin/webcall
To verify availability.

Good Luck
Rod in San Diego
--
Hark for I have hurled my words to the far reaches of the earth!
What King of old could do thus??
..... AC6V

1798. Re: Saturn Owners

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: Steve Wolf <no8m@apk.net>
Message-ID: <3224A7AF.15D3@apk.net>
Source record: 218080

> I have no idea what it could be here, but I would be careful before
> ruling
> out such things as ABS. I own a 96 Chevy S-10, and the manual says that

Matt's note is valid. However, I don't have ABS and I have the noise.
That will clinch that system.

--
73,
Steve
Internet: no8m@apk.net
Amateur Radio: no8m@no8m.#neoh.oh.usa.na
MSYS Mail List: msys-request@hamnet.org ('info' for title)

1799. Re: SUBSCRIBE

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: Bob Perks <bob@bobshack.demon.co.uk>
Message-ID: <8FGpIjAa8MJyEw$Z@bobshack.demon.co.uk>
Source record: 218081

In article <960828141551_74727.1066_EHL130-1@CompuServe.COM>, PETER K
CENCER <74727.1066@CompuServe.COM> writes
>SUBSCRIBE
>

To What?????

==========
"Welcome to the Incontinence Line..... Please Hold..."
Best Regards..... Bob G0LBQ - N6XDI
Email bob@bobshack.demon.co.uk
Amateur Packet Radio - G0LBQ @ G0LBQ.GB7SOL.#29.GBR.EU
FIDONET - 2:2500/179.27
==========

1800. Yaseu FT 470 Problems

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: Scott Johnston <Johnstos@gunet.georgetown.edu>
Message-ID: <3224AC85.76E5@gunet.georgetown.edu>
Source record: 218082

I have an ngoing problem with the tuning knob to change channels. When turned the channels may go up (1,2,3,4) but usually start skipping around (1,3,7,5,4,5,6,7,3,2,1). I understand that this is a typical problem with this handheld. Anyone have any inexpensive solutions? Will Yaseu fix this for free? If I get them to fix it, will the problem reoccur down the road? I know that the keypad channel keys continue to work well.

Scott Johnston KD4EBL
Johnstos@gunet.georgetown.edu

1801. Talk Computers and MAKE $5000/wk in just 10 Appts.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: slatham@ix.NETcom.COM
Message-ID: <199608310834.DAA34634@cyclone.traveller.com>
Source record: 218083

********* Change Your Life with CompINFO Services ********

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Grant, AL 35747
ATTN: Consulting Made EASY

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of a lifetime.

1802. Ham Fair '96 in Japan

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: jh4phw@big.or.jp
Message-ID: <501geo$mb3@terra.trn.or.jp>
Source record: 218084

Ham fair '96 in Japan is reported following URL

http://www.big.or.jp/~ham/index-e.htm for English
http://www.big.or.jp/~ham/index.html for Japanese

1803. Equipment Insurance

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: Ben Johnson <bjohn@concentric.net>
Message-ID: <32247DFF.1C7A@concentric.net>
Source record: 218170

I would appreciate information (both pro & con) on Hamsure and ARRL's insurance carrier regarding how easy these companies settled claims etc.

I am a fairly new ham and looking to start insuring my equipment and would like to make sure I get the best value. Thanks in advance for your input.

Ben Johnson
KF4JEB

1804. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: jxs2151@shore.intercom.net
Message-ID: <500696$sis@shore4.intercom.net>
Source record: 218171
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <Pine.BSI.3.93.960827170013.14365B-100000@cais2.cais.com>, zut@cais.com wrote:
>
>
>On Tue, 27 Aug 1996, Bill Sohl wrote:
>
>> Mere use of CW by some percent of hams no longer
>> constitutes a valid reason to mandateall hams on
>> HF must learn that mode.
>
>In QST, October 1995, Vol. 79, No. 10, page 9, it says,
>
>"From surveys, we know that 48% of the ARRL members in the United States
>already have access to the Internet, either directly or via an on-line
>service. Comparing this figure to the popularity of the various
>over-the-air communications modes, it would rank behind FM (79% of active
>ARRL members use it), SSB (also 79%), and CW (54%) - but ahead of packet
>(40%) and far ahead of any other mode."
>
>That "some percent" is pretty high Bill. There are more ARRL members
>operating CW than there are on the Internet

48% is altogether not too shabby for a medium that has only been accessible to
the general public for about three to four years.

Jeff

1805. IL hamfest/computerfest calendar

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: parnass@bell-labs.com
Message-ID: <5005n9$g8p@ssbunews.ih.lucent.com>
Source record: 218172
Cross-posted to:
rec.radio.scanner,alt.radio.scanner,sci.electronics.repair,rec.radio.swap,rec.radio.amateur.misc,rec.radio.shortwave

HAMFEST/COMPUTERFEST CALENDAR 1996 - NORTHERN ILLINOIS
last updated June 24, 1996

o Please report additions or changes to Bob Parnass, AJ9S, office phone: (708)979-5414, electronic mail: parnass@bell-labs.com. Thanks to Dennis Dale and ARRL for providing some of the information.

AUGUST

August 4 (Sunday) - Peotone, IL - Hamfesters Radio Club 62nd annual Hamfest and Computer Festival. Will County Fair-grounds, Peotone, IL I-57 Exit 327 East 6a.m. - 3 p.m. Air conditioned main exhibition hall opens 8 a.m. Lots of covered flea marked space, acres of free parking. Grand prize $500, 2nd Prize $300, $100 for 3rd Advance double-stub tickets $4.00, $5.00 at gate for more info e-mail Jim Riley KB9CYL at rileytrix@aol.com

August 10 (Saturday) - Western Illinois ARC Swapfest, Quincy, IL. Eagles Alps Grounds 3737 North 5 th Street. 4.5 miles north of downtown Quincy with easy access from US Highway 24. 8:00 a.m. to 2:00 p.m. Admission is $3.00 at the gate, $2.50 in advance, per person. ARRL VEC testing, all classes, is at 12:30 p.m. Reservations go to NA9Q at (217)224-8526. Indoor flea market is $5.00 per 5-ft table. Outdoor tailgating space is free. Talk-in is on 147.03. Lunch will be served on the grounds.

August 18 (Sun) - DuPage ARC, Stickney, IL. DuPage ARC Ham-fest Computer Show. Hawthorne Race Course, 3500 S. Cicero Ave. Air conditioned exhibit hall for dealers. Outdoor fleamarket spaces free. 8AM - 2PM. 6 AM setup. Admission $5. Kids under 12 free. Talk in 145.25 MHz. Info: Ed Weinstein, WD9AYR, 7511 Walnut Ave., Woodridge, IL 60517. tel: 708-985-9256.

August 25 (Sun), Woodstock, IL - Tri-County Radio Group. McHenry County Fairgrounds, Rt. 47. Admission $5 at gate, free parking. Kids under 12 free. Info (voice/fax) (708)658-1678.

August 25 (Sun) - Vermilion County ARA, Danville, IL. Info: Gary Denison, KA9SKS, 14704 East 2750 North Rd., Danville,

IL 61834-5610. tel: 217-759-7389.

August 28 - 30 - Antique Radio Club of Illinois, Elgin, IL. RadioFest96. Holiday Inn Holidome and Convention Center, 345 River Road, Elgin, IL 60123 Ph. (708)695-5000, (847)695-5000 After 01/20/96. Info: Jeff Aulik, 1708 Parkview Ave., Rockford, IL 61107 or Carolyn Knipfel, RR 3, 200 Langhorn, Morton, IL 61550.

SEPTEMBER

September 8 (Sun) - Bolingbrook ARS, Joliet, IL. Info: Ed Weinstein, WD9AYR, 7511 Walnut Ave., Woodridge, IL 60517, tel: 708-759-7005

September 13-15 (Fri, Sat, Sun) - Peoria, IL. ARRL National Convention. Info: Ron Morgan, KB9NW, PO Box 3508, Peoria, IL 61612-3508, tel: 309-694-2649

Sep 21 & 22 (Sat & Sun), Grayslake, IL - Chicago FM Club Radio Expo. Lake County Fairgrounds. Starts 6 AM. Buildings open 8 AM. VEC testing. Info, (708)457-0966. Usually one of the best hamfests in NE IL.

Sep 29 (Sun) - Computer Central, College of DuPage (see notes at the end of this article).

NOTES - Computer Central shows

Computer Central computer shows are held at the College of DuPAGE, Main Arena of the Physical Education Building Park Blvd & College Road, Glen Ellyn, Il. 708-940-7547. $5 admission with card, normal admission $6.00. Opens 9:30 am - 3:00 pm.

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Locate & identify transmitters in your area with RadioMap(tm)

1806. Re: Modern digital versus SSB and Morse (was Re: Commercial CW use)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: carl@ais.net
Message-ID: <500f9k$lfh@news.ais.net>
Source record: 218173
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

In <4vuu68$lia@vixen.cso.uiuc.edu>, w9sz@prairienet.org (Zack Widup) writes:
>
>>Gary Coffman wrote:
>>>
>>> In article <321DD7DB.28EC@gte.net> Jim Conn <jconn@gte.net> writes:
>>> >carl@ais.net wrote:
>>> >>
>>> >> In <321CD03B.144A@gte.net>, Jim Conn <jconn@gte.net> writes:
>>> >> >I don't get it. The HF bands are not useful for high speed digital work.
>>> >> >

>> Rediculous ... all it takes is the right modulation and coding
>> techniques and a progressive regulatory structure that permits it.
>> Obviously higher data rate wider bandwidth transmissions are more easily
>> accomodated at higher frequencies, but HF will support FAR beyond 300
>> baud FSK packet.

>>> >> The cost/bandwidth/performance of HF high speed digital services
>>> >render such a thing impractical within the confines of the amateur bands.
>>>

First I'd like to point out that I only wrote the stuff I
"unindented" to
">>" above ...

>I cannot TYPE 1125 wpm. In fact, I can send CW faster than I can type!
>I'm not even sure I can TALK 1125 wpm.

I'm sure the pervious statements are correct ... however, typing in
real time is not the point. If I can buffer up data and "burst"
transmit it across the channel at 1125 wpm, then I only have to use the
channel 1/225th of the time to maintain a constant apparent throughput
of 5 wpm.

This permits time division multiplex multiple access use of the
(same) channel by up to 224 other pairs of users (assuming a protocol
that would allow 100% efficient channel access ... YMMVS)

The protocol could alternatively coordinate the use of the channel by,
for example, 4 users transferring files (to four other users) at 250 wpm
and 25 user pairs doing keyboard-keyboard or other low rate data
exchanges at 5 wpm. (again, YMMVS)

Can you see that, with a little imagination of what's possible beyond
CW, one can invent a lot of other interesting (and useful) uses for the
spectrum?

BTW, one could send CW by key, have the computer convert it into a simple stream of "1" and "0" symbols (or multi-level code it to represent di, dah, letter space, and word space), code that data stream with a FEC EDAC code so that it could be decoded reliably at signal levels at which CW signals could not begin to be copied by ear, transmit it to an appropriate receiver which would decode it and restore it to the audio symbols di, dah, etc. and output the "CW" audio.

"Why?" You might ask.

Because, to illustrate the benefits of spectrally-efficint modern technology in terms the average CW user might comprehend, I'll bet if someone (or a small group) were interested enough in "CW" to take the trouble, they could design (assuming they had the requisite technical know-how) a protocol/modulation/coding scheme that would support this hypothetical type of "CW" virtually error/interference-free at an occupancy level of something like 2500 simultaneous 20 wpm QSOs in a chunk of spectrum no bigger than the 20m CW sub-band.

Assuming a conventional receiver bandwidth of 500Hz, that same 150kHz (last time I checked) sub-band would only support 300 simultaneous non-interfering QSOs using conventional CW (and that's assuming, VERY gratutiously, that those conventional receivers had ideal, "brick wall" filter response).

Let's see, that's 2500/300 = an 8.33:1 efficiency edge for the digital "CW" crew ...

>The thing is that it is a communication hobby as well as a technology
>hobby. Live communication. I'm not trying to send a novel to the
>guy at the other end; I can do that on Internet. But considering my
>typing speed I don't need to send data at 2500 wpm or whatever; I just
>want to communicate with they other guy in real time and if I can send CW
>at 60 wpm, type at 45 wpm or talk at 300 wpm I'll still exchange ideas.
>

Again, the advantage is not necessarily sending it faster so you can send more, but sending it faster so you can "go away for a while" and let other folks have a crack at using the same spectrum ... it's another form of efficiency.

>So for those who wish to see how many novels per hour they can send via
>CLOVER, well - have fun. I still enjoy reading about your results. But I
>still like those slower forms of communication, CW and speech. They are
>also fun in this hobby, to me at least. And to a few others ... I've had
>several one-hour CW and SSB ragchews recently.
>

Fine ... multiplex your "CW" bits in with the others and rag-chew all you want ... just don't force me to do it ... I'd rather use my bits in other ways.

If we don't use our spectrum more efficiently, we'll lose it to those who will invent more efficient, productive used for it.

Carl - wa6vse
carl@ais.net

1807. Re: CORRECTION - RF Calculation

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: djfinn@ibm.net
Message-ID: <500evp$378u@news-s01.ny.us.ibm.net>
Source record: 218174
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

ke4zv@radio.org wrote:

>In Article<1996Aug17.151315.10257@ke4zv.atl.ga.us>, <gary@ke4zv.atl.ga.us>
>writes:

>> For example, the Rrad of a dipole is roughly 50 ohms (would be 73 ohms
>> in free space). At 100 watts, that gives a feedpoint current of 1.414
>> amperes. The magnetic field declines inversely with distance in the
>> near field (not the inverse square as is the case for power). So 1.414/0.163
>> = 8.67 meters. That's the near field safe distance from the current node
>> in the antenna for the controlled magnetic field exposure. For the
>> uncontrolled exposure, the minimum safe distance is 19.8 meters. Similarly,
>> for the electric field, the safe distances are the same, but from the
>> antenna voltage nodes (the ends for a dipole) instead of the feedpoint.

>I made an error here. I forgot to include the factor of 2*pi in the
>above figures. That reduces the safe distance for controlled exposure
>to just 1.38 meters, and for uncontrolled exposures to 3.15 meters.
>That's much better.

Although the FCC report and order says nothing about the near field
problem when calculating HF limits, IEEE C95.1 1991 says in a 'note'
to the tables for controlled and uncontrolled that the MPE is the rms
E and H limits given in the tables. Thus, IEEE C95.1 1991 essentially
tells you to use the far field values. In the case of your isotropic
example that uses 100W ERP, E= 1842/f or 61.4V/m and H=16.3/f or
54A/m for controlled exposures. This yields a radius of .89m for E
and .27m for H (whether near or far field). For uncontrolled, E
=823.8/f=27.46 V/m and H=the same as for contolled = .54A/m.
This yields radii of 2m for E field in uncontrolled and the same .27m
for H in uncontrolled.

Note that when doing the power density calculation, f**2 should be
used, not "f". When calculating power density for the 3-30MHz range,
the power density is the same E field 1mW/cm**2 mentioned on the ARRL
website. The H field power density limit is 10000/f**2 or
11.11mW/cm**2 for controlled and uncontrolled. You will obtain the
same radii for E and H using the "S" for E and H (power densities)
column as you do when using the E and H field columns in all cases.

Using the isotropic antenna at 100W ERP, the standard tells you to
stay .89m away from the isotropic antenna in controlled environments
and 2m away from uncontrolled environments. With a real dipole type of
antenna, the hotspots will be the feedpoint (H field) and the

endpoints (E field). Theoreticaly, the distances should not exceed the worse case example of the isotropic antenna. When adjusting for 1000W ERP, the radii do not increase by 10 because it is a SQRT relationship, so the distances are not as high as one might initially think.

Although the calculation is easiest to make on an isotropic antenna, I have not been able to find or build a good one ;)

73

KR4AJ

1808. Re: CORRECTION - FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: Cliff-s <Cliff-s@worldnet.att.net>
Message-ID: <01bb9491$8645a2e0$35a4eea5@Pop3.worldnet.att.net>
Source record: 218175
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.antenna

Gary Coffman <gary@ke4zv.atl.ga.us> wrote in article
<1996Aug27.173655.2879@ke4zv.atl.ga.us>...
> In article <3222ACA7.168B@pop.erols.com> Steve Ickes
<thebizlk@pop.erols.com> writes:
> >Nine stations surveyed is not anywhere near a statistically significant
> >sampling. Further, the findings were not used to provide any exemptions

> >for scenarios which did not exceed the regulation.
>
> They didn't intend to conduct a statistically valid poll, nor was there
> any intent to offer categorical exemptions (the FCC didn't intend to
offer
> any until the ARRL put political pressure on them to do so). It wasn't
> a survey of the amateur population. All they were doing was getting
> some real world baseline engineering measurements of real world amateur
> radio stations to see if they conformed to the engineering models used
> for field strength calculation. The stations measured were typical of
> the real world sorts of stations amateurs operate. The nine stations
> measured had a sufficient universe of antenna types and mounting
> environments to confirm the engineering models.
>
> Gary
>

Gary:
I have a copy of the report on my desk. This report amounts
to just a lot of measurments. There was no calculation of fields strenghts,
then the confirmation of these calculations. Far and Near fields were mixed
together and no organized approach was used. If fact when I was in school
if I submitted a report such as this I would have received a grade of "F".
On the first page it infers that this is a product instigated by one Dr.
Wayne Overbeck(a concerned citizen) whos qualifications or political
affiliations aren't mentioned. Somehow the FCC took Wayne Overbecks
word verbatum and put into law. The title "concerned citizen" is from the
FCC 96-326's discription of Wayne Overbeck. Interesting.
It sure would have been nice that if the time that was spent
taking
all the measurments were coordinated using known and accepted Engineering
principals. The 50 watt limit is right off the top of one Wayne Overbecks
head is completely without scientific validity. The commercial limits were
only set as to not upset existing installations the 1KW ERP limits are just
as invalid.
Congressional mandate requires that rules be valid and

scientifically
defensable to be written into law. This issue demands good science as the issue of hazards need to be resolved, not the advancement of political causes.
Amazing was the fact that the issue of RF burns was only given passing mention. The issue of induced currents into house AC and Phone wiring wasn't considered even though it in some of the cases influenced the value of the measurments. There needs to be a study made using accepted methods to obtain real data as to the field strengths in the various installations. This should have been done before the ARRL submitted their comments. The ARRL has set themselves up as the voice of Amateur radio yet they have done little else than appoint a committee. Hey, folks this issue came up more than 10 years ago, lets not rush into anything.

Cliff, W7VVA

1809. Re: OLDE FAHRTZ HAMS (Was: Looking for a...)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <500hp8$205@lehi.kuentos.guam.net>
Source record: 218176

VUBS79A@prodigy.com (Drew Durigan) wrote:

>One thing that I have never understood...have you ever noticed that the
>hams who bellyache about CB'ers the loudest seem to be
>"YE OLDE FAHRTZ?" That's right, those same "ancient operators" who are
>also complaining the loudest about the no-code techs and begging the ARRL
>to maintain their tough stance against reducing or eliminating the Morse
>code requirements for HF access.

>They tell the CB'ers to "get legal, get a ham ticket!" Then, when they
>do, they tell them that they're not "real hams" because they refuse to
>waste time learning an antiquated communications system of dits and dahs.

>Go figure!

>-Drew in Sunny Central Florida-
> KADF-6895
> KF4DDM

Or they tell them they are not real hams because they don't own a radio,
like you.............................

1810. Re: ICOM 740 problems / manuals

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <500hpf$205@lehi.kuentos.guam.net>
Source record: 218177

gvang@seine.com wrote:

>I have recently acquired an IC740 which has no mic gain, and has some
>output when I engage the compressor. The mic is good as it was tried
>on another ICOM "worked fine". Don't need it much as I work CW
>when I do operate "mostly" .

>Would like to get some manuals operator and technical manual.
>Copies would be fine.

>please respond here or by e-mail gvang@seine.com

>Tnx

>K5FQ
>Gene

Gene, give Icom America a call and ask for tech support. They are very
helpful and happy to give you the fix for most common problems over
the phone.

73, Jim KH2D

1811. Re: Modern digital versus SSB and Morse (was Re: Commercial CW use)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: ecgallup@mlode.com
Message-ID: <500hk4$lb9@news.wco.com>
Source record: 218178

In article <4vuu68$lia@vixen.cso.uiuc.edu>, w9sz@prairienet.org (Zack Widup) wrote:
>I cannot TYPE 1125 wpm. In fact, I can send CW faster than I can type!
>I'm not even sure I can TALK 1125 wpm.
<SNIP>
>
>The thing is that it is a communication hobby as well as a technology
>hobby. Live communication. I'm not trying to send a novel to the
>guy at the other end; I can do that on Internet. But considering my
>typing speed I don't need to send data at 2500 wpm or whatever; I just
>want to communicate with they other guy in real time and if I can send CW
>at 60 wpm, type at 45 wpm or talk at 300 wpm I'll still exchange ideas.
>

Zack, the point of high speed communications is not how much material you
can send to your friend, but how fast. Like it or not, the spectrum will only
continue to shrink for us, yet there are more and more hams. The answer?;
more hams use the same frequencies at the same times with high speed data and
digital voice modes. I don't think its as much fun, either, but at least
we'll still be on the air.

Ed W7DXZ ecgallup@mlode.com

1812. Re: Amateur Radio Newsline Financial problems

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: lhc007@aol.com
Message-ID: <500gfq$pn3@newsbf02.news.aol.com>
Source record: 218179

Below is an excerpt from this weeks Amatuer Radio Newsline. Having heard this last Sunday on our weekly local net and again having read the original posting tonight, I have been struck by the same thought...

Since becoming a Ham I have also been a member and supporter of the ARRL. The Newsline seems to me to be just the kind of Amatuer community service that I would exepct the ARRL to recognize and actively support. The Twelve thousand dollars that would keep the newsline in operation for a FULL YEAR cannot be that large an amount to the ARRL.

I would like to use this forum to publicly ask the ARRL to make a major donation, if not an outright subsidy to the Newsline folks and would ask other amateurs to write the ARRL and ask the same.

Thanks!

N9YFK

A Special report from Andy Jarema
Support Fund Administrator

"Newsline support fund administrator, with some very bad news. My job is to make sure that the bills get paid, and I'm here to tell you that I'm about to pull the plug. Pull the plug on over 19 years of responsible, up to the minute reporting of the news that matters to you, the radio amateur.
There's been a fleet of caring amateurs, just like you, bringing you the news as it happens. As amateurs, we're committed to the concept of bringing you that news voluntarily, without monetary compensation."
"Many of you have stepped up to the plate to help us, and we appreciate every effort. But the sad fact is that it takes an average of $1000 per month to keep Newsline on the air, with the online services, long distance to get the voices of the news when it happens, phone lines for the news feeds, postage services, and the like. For the past two years, voluntary contributions have averaged less than $500 per month. I don't have to ask you to do the math."
"How many amateur radio clubs are there in the U.S., or in the many other countries where Newsline is heard, or even more where it is now read and heard on the Internet? If each club would contribute just $50 to $100 a year to keep Newsline on the air, you would achieve the goal of keeping the latest amateur radio news flowing to you."
"As an MBA, and a CPA, and owning, building, then selling my own business, I don't like losing propositions. You've heard hams refer to "hitting the Big Switch". Newsline report number 1000, on October 11th will be our last newscast, unless you help now in a major way. We have no choice."

"Again, our address:

1813. Re: Saturn Owners

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: Matt Werner <kb0kqa@computerpro.com>
Message-ID: <3223D531.665B@computerpro.com>
Source record: 218180

Philip Carter wrote:
>
> I have a 1996 Saturn SL2 automatic. I have recently installed a 1/4 wl
> antenna for 2m on the trunklid (center) and have noticed a radiated noise
> problem, on 146.52 and other freqs.

[some deleted]

> The noise is not present in the acc position or without the engine being
> started, so I have ruled out such things as the ABS or airbag system.

I have no idea what it could be here, but I would be careful before
ruling
out such things as ABS. I own a 96 Chevy S-10, and the manual says that
the ABS goes through an initial check, and it also goes through various
checks as you are driving (I seem to recall something about a check
after
you pass 8MPH for instance). The way it sounded, the system is
constantly
being checked, not just on start-up...

73 - Matt

1814. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: carl@ais.net
Message-ID: <500h1j$mct@news.ais.net>
Source record: 218181
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <4vuu8v$mlk@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net (Jim Kehler) writes:
>carl@ais.net wrote:
>
>>I'm a member, by the way (and a with-code ham licensed continuously
>>since 1975)... although there have been MANY times when I've considered
>>NOT renewing for the very same reason.
>
>>Carl - wa6vse
>>carl@ais.net
>
>Does that mean you actually OPERATE on CW in the novice CW bands Carl,
>or does that mean you could if you wanted to ?
>

Jim,

I could if I wanted to, but I don't ('cause I don't want to).
Also, I presently live in an apartment complex, and HF antennae would be
difficult (but not an insurmountable obstacle ... just not worth the
hassle for 40m CW). My interests lean more towards design and expermentation
(both professionally and as a ham), not towards the olde-fashioned (I'm
not interested in collecting antique radios with tubes, either) .

I HAVE operated CW in the novice/tech bands, but found it boring and
unsatisfying, even when I could copy nearly 20 wpm in my head (my first
callsign was WT6NAB, an STA issued in 1975 for 6 months, then renewed
for 6 months more as the FCC tried to resolve a SNAFU that lost my
paperwork for an extended period of time) ... worked a lot of
extra-class prefix hunters on 40cw, I did ...

Does that answer your question to your satisfaction?

Carl - wa6vse
carl@ais.net

1815. Need: RS DX-440 Manual

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: gharmon@txdirect.net
Message-ID: <500jj6$org@viper.txdirect.net>
Source record: 218182

Need a manual or manual copy for a Radio Shack DX-440 receiver. All copy costs and postage gratefully refunded. Thanks in advance and please reply via e-mail.

Thanks and 73,
garyharmon
<><><><><><><><><><><><><><><><><><><><><><><><><><><><>
<> TOO many projects, NOT enough time!! <>
<> <>
<> Gary H. Harmon, Jr., K5JWK <>
<> 6302 Robin Forest <>
<> San Antonio, TX 78239-3218 <>
<> (210) 657-1549 <>
<> gharmon@txdirect.net <>
<><><><><><><><><><><><><><><><><><><><><><><><><><><><>

1816. Re: Saturn Owners

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: js@ibbs.av.org
Message-ID: <48@ibbs.av.org>
Source record: 218183

In article <4vvjbo$9bm@login.freenet.columbus.oh.us>, Philip Carter (pcarter@freenet.columbus.oh.us) writes:
>
>I have a 1996 Saturn SL2 automatic. I have recently installed a 1/4 wl
>antenna for 2m on the trunklid (center) and have noticed a radiated noise
>problem, on 146.52 and other freqs.
>
>The noise appears when the engine is running. It disappears about 3 or 4
>seconds AFTER the engine is shut off. It does not appear to be the fuel
>pump, as I can hear it fire up before I crank the engine, and the noise
>does not appear untill after the engine is physically running.
>
>Any ideas? What would be still operating after the engine is shut off.
>It isn't the engine fan, as it wasn't on at that time.
>
>The noise is not present in the acc position or without the engine being
>started, so I have ruled out such things as the ABS or airbag system.
>
>TIA
>Phil
>

Ok Phil,

Places to start looking. Where is your coax running. It it next to any wire bundles? How do you have the power to the radio connected? Plastic cars mean little to no sheilding and it's hard to find a GOOD RF ground.

One thing that helped me out was to not use the fuse box for a electrical connection. A small hold drilled into the firewall and a tube of RTV will solve that one. Get a direct line to the battery.

When I installed my 2350 the first time I only ran my positive line to the battery and grounded to the frame of the car. BIG BIG BIG mistake. I had RF in the car's electronics and car noise in my radio. You will have to look for a run that dose not cross any other wire bundle. This includes fuel system control lines, A/C, ABS, and transmission computer control lines. Coax is the same way.

BTW I never got rid of the noise or RF problems in my Saturn. A factory rep blasted me and several others in this newsgroup. He did not like a negative tone, or anything negative said about Saturns. I got a Nissan. I have gotten better preformance from that car in many more ways than my old Saturn. Nissan has a ham radio kit for their car. It's one of the best installations I have had in a car. Not any noise

at all.

-
--

- ----
--- ------
-THEY DON'T GET OFF TIL WE COME>
--- ------
- ----

--
-
-

1817. ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: carl@ais.net
Message-ID: <500oei$qaj@news.ais.net>
Source record: 218184
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

On Sun, 25 Aug 1996 21:13:27 -0400 (EDT), zut@cais.cais.com wrote:
>Illustrating the point, a Readex survey result published in October 1995
>QST indicated that 54% of ARRL members operate CW and it was third only
>after SSB and FM in popularity.

So what? ... Plus of that 54% how many answered "yes" because they
operate CW "occasionally"

>The ARRL Southwestern Division (I believe --- NOPE, I'VE MOVED --
>that's yours) was polled earlier this year and it was 2:1 in favor of
>retaining the Morse requirement and the Roanoke Division Director (where I
>live) told me that it was running about 95% pro Morse. Word back from the
>hamfest ARRL Forums is that the sentiment is quite similar.

I simply do not believe these numbers ... let's face it, the majority of
the ARRL "leadership" are olde farts and I simply don't trust them not
to rig the numbers.

>QCWA asked for opinions and they ran 600 to 1 favoring retaining the
>code.

What part of this surprises anyone?

>
>The bottom line is that the no-code people probably shouldn't go shopping
>for HF rigs any time soon.
>

Don't bet on it ...

>The ARRL is the U.S. representative to the IARU, so not being a member
>shuts one out from being able to be represented.
>

Hell, for years I've had NO delusions that the ARRL was representing me
.. like most (I believe) I only pay the dues because it's the only way
to get QST ... if there were a decent ham magazine alternative available
I'd drop the ARRL like a hot rock.

>That's another point that invalidates the survey. Why should you pay your
>money and be a member if they're going to poll you and get your opinion in
>forumlating policy anyway? Again, the chartering resolution (below) does
>not give the WRC-99 Planning Committee any authority to survey outside teh
>membership.
>

The point is that the ARRL and its membership (even if you count the majority who really just "subscribe to QST" as "members") are a very modest minority of the licensed ham radio operators. Actually, I think they've got a lot of huevos passing themselves off as the "spokesman for the ham community at large" ...

It's damned time that they considered the views of non-members (and even non-ham wannabes) in formulating "policy" that ends up being presented to the FCC as "the will of the nation's hams."

Actually, I think it's time for someone to organize an alternative national organization to gather member views, formulate ideas for the future of ham radio, and present input to the FCC that is more accurately representative of the views and desires of the true majority of hams (and even, perhaps as a separate category, an encouraged participation by currently-non-ham wannabes).

Maybe I'll float the proposal here on the net ... what do you think?

Carl - wa6vse
carl@ais.net

1818. SUBSCRIBE

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: 74727.1066@CompuServe.COM
Message-ID: <960828141551_74727.1066_EHL130-1@CompuServe.COM>
Source record: 218185

SUBSCRIBE

1819. Re: Looking for a mailorder outfit to purchase a handheld scanner

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: greg@tgill.com
Message-ID: <322467A5.412F@tgill.com>
Source record: 218186
Cross-posted to: alt.radio.scanner,rec.radio.scanner,alt.radio.pirate,rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.policy

Douglas Alexander wrote:
>
> Looking for a good mailorder firm to purchase a handheld scanner from:
>

http://www.demon.co.uk/javiation/

1820. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <501bbu$1rr@anomaly.ideamation.com>
Source record: 218187
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <500oei$qaj@news.ais.net>, <carl@ais.net> wrote:

> So what? ... Plus of that 54% how many answered "yes" because they
> operate CW "occasionally"

54% is a higher number when compared against the number of hams that build their own gear (soldering on connectors is not "building" ones own gear).

>I simply do not believe these numbers ... let's face it, the majority of
>the ARRL "leadership" are olde farts and I simply don't trust them not
>to rig the numbers.

The ARRL is a life-support system for a bunch of people so they don't have to go get real jobs. I believe their motivation is one thing, and one thing only: money. The no-code VHF license was a money-making opportunity in more than one way (more subscribers, more item sales, etc.)

If a codeless HF license is a money-making proposition (and I believe it is), then you can get your bottom dollar the ARRL will support it.

>The point is that the ARRL and its membership (even if you count the
>majority who really just "subscribe to QST" as "members") are a very
>modest minority of the licensed ham radio operators. Actually, I think
>they've got a lot of huevos passing themselves off as the "spokesman for
>the ham community at large" ...

The fact remains that they are the largest single ham radio organization in the United States, and so by definition is the "voice of amateurs" whether we like it or not.

>It's damned time that they considered the views of non-members (and even
>non-ham wannabes) in formulating "policy" that ends up being presented
>to the FCC as "the will of the nation's hams."

Thats a nice thought, but impractical. That's one reason why the United States isn't a democracy, but instead a representative republic.

>Actually, I think it's time for someone to organize an alternative
>national organization to gather member views

Call W5YI. He's been trying it for years. Of course, in my opinion, he's even slimier than the ARRL is. His attempt to scam people out of $5 to "renew" their amateur radio licenses was perhaps the single largest example of why "scum-bag" immediately comes to mind when people mention that callsign to me.

MD
--
--
-- "I have more guns than I need, and less guns than I want." -- Phil Graam
--
-- If you don't like my opinions, that's just too damn bad.

1821. Re: Amateur Radio Newsline Financial problems

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: Dick Flanagan <dick@merlin.libelle.com>
Message-ID: <32246E82.35D0@merlin.libelle.com>
Source record: 218188

LHC007 wrote:
>
> Since becoming a Ham I have also been a member and supporter of the ARRL.
> The Newsline seems to me to be just the kind of Amatuer community service
> that I would exepct the ARRL to recognize and actively support.

The ARRL does "recognize and actively support" this kind of community service through the ARRL Letter which it publishes weekly. I gain lots of information from both publications. I would hope we could find a way to support both.
--
Dick Flanagan, W6OLD - (dick@merlin.libelle.com) - Minden, Nevada

1822. Re: Inter-Agency Comm. lacking

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: Steven Giron <sgiron@pacbell.net>
Message-ID: <32246D07.5145@pacbell.net>
Source record: 218189
Cross-posted to: alt.law-enforcement,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.misc

>
> This makes the case for an interagency frequency where all agencies
> involved in a chase or crime spree that goes across jurisdictions can be
> in instant contact with each other and easily share information....IN
> most cases, a dispatcher from agency A will call Agency B..Sometimes, a
> helicopter will come up on the frequency used by the other agency.
>
> John

Here in California where pursuits are as common as routine traffic stops, there are a pair of frequencies used called CLEMARS. It stands for California Law Enforment Mutual Aid Radio System. It is VHF and there is daily traffic on the frequencies.

Steve

1823. Re: Icom R-7000

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: brian@nothing.ucsd.edu
Message-ID: <501t0f$6p2@news1.ucsd.edu>
Source record: 218190

>On Mon, 26 Aug 1996 22:55:09 -0700, Tom Kutz <tkutz@Skypoint.com>
>>I have an Icom R-7000 that I don't think works above 1 Ghz.

There is a relay in the R7000 that switches in a 1 GHz downconverter when you select that frequency range.

In fact, there are a LOT of relays in the R7000. I have had problems with them becoming intermittent.

If your 1 GHz relay were to have dirty contacts, you would not be able to use that frequency range. Cleaning them is difficult, but sometimes you can get the contacts to clean up by cycling the relay a number of times.

I think GPS signals are too wide (they are spread spectrum) for you to hear anything, but you should be able to hear digital crud from aircraft transponders around 1100 MHz if your converter is working. And there's other stuff up there too, even in the ham band.
- Brian

1824. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: n7ory@primenet.com
Message-ID: <501o8k$4fi@nnrp1.news.primenet.com>
Source record: 218191
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

jbaltz@news.cs.columbia.edu (Jerry B. Altzman) wrote:

>In article <4vv6h2$jp0@nnrp1.news.primenet.com>,
>Rob Neff <n7ory@primenet.com> wrote:
>>With radios Gary, there are no bullets, no blunt force trauma, no
>>observable means of harm what-so-ever at amateur levels, other than
>>possible rf burns. So, what part of prove it do you not understand?

>Umm..Rob, come over here. I have this 1000 W microwave transmitter. Would
>you like to stand in front of the dish when I transmit?

Re-read the post Jerry. I'm sure you'll notice the line that says
"other than possible rf burns."

Rob Neff (N7ORY)

1825. Re: Thinking of purchasing a handheld scanner

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: w7el@teleport.com
Message-ID: <501urf$ptb@nadine.teleport.com>
Source record: 218192
Cross-posted to: alt.radio.scanner,rec.radio.scanner,alt.radio.pirate,rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.policy

The original posting on this topic was sent to no fewer than nine newsgroups. The readers of some of these (for example, rec.radio.amateur.policy and rec.radio.amateur.antenna) probably have no interest in the subject matter. For them, the posting and its responses are a nuisance, like junk mail.

Responses to this posting are also going to all these newsgroups, adding to the clutter. When you respond, please check the newsgroups to which the response will be posted, and edit the list to cover only the ones which are appropriate. And when you make an original posting, please post only to the groups where the readers are likely to be interested in the topic.

Thanks,

Roy Lewallen, W7EL

1826. Re: Saturn Owners

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug28.155804.6024@ke4zv.atl.ga.us>
Source record: 218193

In article <4vvjbo$9bm@login.freenet.columbus.oh.us> pcarter@freenet.columbus.oh.us (Philip Carter) writes:
>
>I have a 1996 Saturn SL2 automatic. I have recently installed a 1/4 wl
>antenna for 2m on the trunklid (center) and have noticed a radiated noise
>problem, on 146.52 and other freqs.
>
>The noise appears when the engine is running. It disappears about 3 or 4
>seconds AFTER the engine is shut off. It does not appear to be the fuel
>pump, as I can hear it fire up before I crank the engine, and the noise
>does not appear untill after the engine is physically running.
>
>Any ideas? What would be still operating after the engine is shut off.
>It isn't the engine fan, as it wasn't on at that time.
>
>The noise is not present in the acc position or without the engine being
>started, so I have ruled out such things as the ABS or airbag system.

What does the noise sound like? The only engine related system I can think of that might still be operating after the engine is off would be the oil pressure monitoring system. It takes a few seconds for oil pressure to drop to zero after the engine is shut off. The sensor can make a buzzing or clicking noise. Power to the sender is usually cut by turning off the ignition switch, though, so that doesn't seem likely either.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1827. Re: Anonymous poster caught: J. Mackey (was: Re: CB repeaters)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <500bkr$hji@news.Hawaii.Edu>
Source record: 218194
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <321B78C1.4209@any-where.com>,
John--Mackey--KA0SSF, using the phoney address no--place@any-where.com, wrote:
>Jeffrey Herman wrote:

>> P.S. Any licensed ham can become a rptr owner - there's no virture
>> in that - and practically any transceiver can be made into a crude
>> rptr. Thus, you hold no special significance in the amateur community; but
>> now among the internet community you are scum for not having the courage
>> to use your real address to accompany your remarks.

>hahaha, my "crude" repeaters made from "any transceiver" as you indicate
>are General Electric Mastr Series Base Station/Repeater commercial
>equipment. They are high performance receivers with GaAsFET
>pre-amps & continous duty transmitters all using pas/reject duplexers.

Hi again, Johnboy,
Let's see, I believe you might not have closely read what I wrote:
"... practically any xcvr can be made into a crude rptr" - that was
supposed to indicate that those proud folks who brag of owning a rptr
don't necessarily possess any special skills.

>By the way you are an IDIOT because I do se my name & callsign
>on my internet entries.

Big lie, Johnny. Your disguised posts under the phoney address
suprise2@where2.edu contained no name nor callsign. Not nice to
swear at folks and not have the guts to sign your name or use
a valid address. But after having brought that to the net's
attention a week or two ago I see you're now including a name
and call. Good boy. You learn quickly! But the address is still
phoney. Bad boy.

>IF you were really a ham you would know that all you need is a callsign
>to get someone's address so you don't need to liist an address in
>every entry.

But Johnster, you first need to provide a callsign. When you called
Burt some filthy names you didn't provide a name nor call nor
valid address. Bad boy. Shame on you.

>Sounds like you are bootlegging on ham radio.

Now Johnjohn, your batteries are still in backwards. You bootlegged
on Netnews and got caught. Bad boy.

By the way, I've gotten some emails regarding you. Is there any truth to you having started out as a jammer, and when you were finally kicked off all the Portland rptrs, you had to install your own in order to have folks to talk to? Very very bad boy.

73 from lovely Hawaii,
Jeff KH2PZ / KH6

1828. Re: Questions about WARC bands

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <500d86$j4a@news.Hawaii.Edu>
Source record: 218195
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>Ok, the so-called WARC bands are open to General Class and
>above. Here's the mode breakdown.
>
>30m 10.1-10.15 MHz RTTY/data

I know you feel a disgust towards CW, but intentionally leaving
it out as a 30M mode is rather silly. "Data" does not include
CW as outlined in the ARRL Handbook: "Data, telemetry and telecommand
are identified by D as the third symbol of the emission designator..."
The emission symbol for Morse is A1A, not A1D.

>Note, the 30m band is shared with the international fixed radio
>service and amateurs are not permitted to interfere with fixed
>service stations.

Thus, the maximum power on 30M is 200W PEP output.

>17m 18.068-18.110 MHz RTTY/data

And CW.

>17m 18.110-18.168 MHz Phone/image

And CW.

>12m 24.89-24.93 MHz RTTY/data

And CW.

>12m 24.93-24.99 MHz Phone/image

And CW. Bad boy, Gary.

Jeff KH2PZ

1829. Pulse-Amplitude Modulation?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: marks@news.holonet.net
Message-ID: <500olj$efb@colossus.holonet.net>
Source record: 218196
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,uk.radio.amateur

Does anyone have any experience with pulse-amplitude modulation?

If so, please e-mail me.

Thanks,

-Dale KA5EVK

1830. Re: Anonymous poster caught: J. Mackey (was: Re: CB repeaters)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <501nkh$4p0@freenet-news.carleton.ca>
Source record: 218197

Jeffrey Herman (jherman@Hawaii.Edu) writes:

====== snip ======

I had to cut out the interchange. Were you paying attention Jeff? Are
you still convinced that all your contributions are postitive and
constructive? Let it go.

--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

1831. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <5021fd$mvr@abyss.West.Sun.COM>
Source record: 218198
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <cgreenha.608.32244224@magnus.acs.ohio-state.edu>,
Christopher K. Greenhalgh <cgreenha@magnus.acs.ohio-state.edu> wrote:
>In article <4vvri9$c0r@abyss.West.Sun.COM> myers@West.Sun.COM (Dana Myers) writes:
>
>Hello Dana.
>
>>>I run a Kenwood 451a on 9.6k 24 hours a day. Some will claim this radio
>>>is inadequate for 9.6k operation, and I have not had it on any test equipment,
>>>but it runs flawlesly with my Kantronics 9612 on both, the 9.6k repeater, and
>>>keyboard-to-keyboard.
>
>>Well, it isn't exactly 'flawless'...
>
>How so?
>
>>>The only downside is I have to run a 250ms TXDELAY thru the repeater, as the
>>>PLL (of course) "sweeps" a little when switching from the TX freq, to the RX
>>>freq...and vice versa.
>
>>Oh, you've got a huge PLL settling delay. That *is* a flaw in 9k6
>>operation.
>
>Well I wouldnt call it a "flaw"...I think what you mean is "unacceptable". And
>it should be noted, that referes to you...not necessarily anyone else.

I don't want to argue semantics. Sure, you can say that your radio
isn't flawed, it just isn't as good as that Dana Myers says it should
be, but that's just Dana Myers for you. If that makes you feel
better, fine. The fact is, a TXD of 250mS on 9600 is a flaw, and that
isn't just my opinion.

>>250mS? I won't use a radio that requires that much
>>TXD on 1k2.
>
>Fine...again...those are your standards, and you should be comended for keeping
>such high standards, but the fact is...most folks use 200 to 350ms TXD @ 1200
>bps.

Most folks? Most folks I know are using less than 70mS. Maybe most
folks you know are using flawed radios, too. 50mS TXD for 9600 baud
is not a high standard.

>>The problem is that a radio with that much delay
>>contributes significantly to hidden transmitter syndrome, *even on

>>a duplex repeater*. There's a huge window from the time you
>>activate PTT until your radio starts spewing a carrier, which
>>invites other stations to collide with you.
>
>I wouldnt call it "significant", nor would I call the window "huge". fact is,
>the PLL lock takes less than 250ms...it is set there to allow a buffer. But you
>are correct about the collisions, however, collisions can happen even with
>rigs set at 50ms.

Of course collisions can happen with rigs set at 50mS. In fact, collisions
can happen with rigs that have a TXD of under 5mS. The probability of
a collision is increased with increased transmit delay time.

>>Also, the receiver recovery time means that you'll probably miss
>>rapid replies, they'll timeout and retry before you get the
>>frame.
>
>True, but I have not experienced that problem. Granted there are not a lot of
>users on 9.6k in our area, but all of my operation has been solid, with no
>retries.

Well, if everyone in your area is running 250-300mS TXD, I doubt you'll
see replies quickly enough for your receiver to miss them. How
do you actually know your operation has been solid with no retries
by other stations?

>>This won't happen if other stations are
>>running similarly>long TXDs, but then you're really throwing away the 9k6
>>advantage>(a 256 byte frame doesn't take much more than 250mS to send; so
>>a TXD of 250mS represents a loss of 50% of potential throughput).
>
>You need to consider more numbers in your formula. If PACELEN is set high, and
>a few other parameters that escapes me right now, one can TX and RX a very
>large block per transmission/reception. I can collect (and send) a full
>paragraph per transmission. The difference between 1200 and 9.6 on my station
>is obvious.

Sure, using large block sizes reduces the overhead. Using a radio
with an appropriate TXD is even better. Radios slow to key up
on frequency increase the odds of collision, and the longer frames
increase the impact of a collision when it happens.

>>Um, save up your cash (under $150 for a clean Mitrek and rocks) and get
>>a radio that switches in 50mS (or less) and you (and all the others on
>>the same channel) will be much happier.
>
>While I appreciate your comments Dana, not everybody has the experience,
>know-how, and money to do everything "the best way" on their first try. Just
>like the recent threads about taking better advantage of higher speeds in the
>higher bands...I am doing just that.
>
>Yes, I may not have the "best" setup, but I am sure not going to critisize

>someone who is trying to move ahead...regardless of their equipment.

You're taking this far too personally. Did I criticize you? No. I
pointed out some of the problems with using a PLL radio for 9600 baud.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

1832. Re: Questions about WARC bands

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <500v01$is5@abyss.West.Sun.COM>
Source record: 218199
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <500d86$j4a@news.Hawaii.Edu>,
Jeffrey Herman <jherman@Hawaii.Edu> wrote:
>Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>>Ok, the so-called WARC bands are open to General Class and
>>above. Here's the mode breakdown.
>>
>>30m 10.1-10.15 MHz RTTY/data
>
>I know you feel a disgust towards CW, but intentionally leaving
>it out as a 30M mode is rather silly. "Data" does not include
>CW as outlined in the ARRL Handbook: "Data, telemetry and telecommand
>are identified by D as the third symbol of the emission designator..."
>The emission symbol for Morse is A1A, not A1D.

I guess, Jeff, the fact that CW is allowed on all amateur
allocations doesn't matter to you? I mean, there are
no frequencies where CW is prohibited, so there's
no need to explicitly mention it is allowed.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

1833. Re: Thinking of purchasing a handheld scanner

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: John Sandor <jsand@one.net>
Message-ID: <01bb94a6$cc6d0780$14d070ce@default>
Source record: 218200
Cross-posted to: alt.radio.scanner,rec.radio.scanner,alt.radio.pirate,rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.policy

The Pro-39 is another excellent scanner that can be unblocked for cell.
The mod is more difficult on the Pro-39 than on Bearcats, but the sound
quality is much better.

1834. Re: Saturn Owners

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: wb4yuc
Message-ID: <501g0i$4h7@lex.zippo.com>
Source record: 218201

In article <3223D531.665B@computerpro.com>, Matt says...
>
>Philip Carter wrote:
>>
>> I have a 1996 Saturn SL2 automatic. I have recently installed a 1/4 wl
>> antenna for 2m on the trunklid (center) and have noticed a radiated noise
>> problem, on 146.52 and other freqs.
>
>

I recently did a temporary install on a Saturn. I had only spark plug
noise with the antenna mounted on top of the car.

73,

Bruce, WB4YUC

1835. Re: Modern digital versus SSB and Morse (was Re: Commercial CW use)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: rmd@ka4ybr.netmha.com
Message-ID: <501mja$u3d@ka4ybr.netmha.com>
Source record: 218202
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

As a gate, CW/morse, is as universally fair(or unfair) as one can get.

But, if one agrees that some sort of gate is needed then what better
than morse. There is even a work around in place for those who can not
learn it.

IMHO ones respect for a priviledge is proportional to the work required
to obtain it.

-bob
--
Bob Duckworth Consulting, 960 Ralph McGill Blvd. Atlanta GA 30306-4447
bobs' address is rmd@ka4ybr.netmha.com 404-888-0389(V) 892-2301(FAX)
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1836. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-28 00:00:00 UTC
From: n8fow@wireless.org
Message-ID: <5025vk$du7@cwis-20.wayne.edu>
Source record: 218203
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

zut@cais.com wrote:
: On Tue, 27 Aug 1996, Bill Sohl wrote:
:
: > Mere use of CW by some percent of hams no longer
: > constitutes a valid reason to mandateall hams on
: > HF must learn that mode.
[stuff deleted]
:
: CW is alive, well, and thriving. In fact, the demand for QRP CW
: transceivers alone has almost single handedly revived the kit industry.
: Just open your eyes and ears and it'll become apparent.
:
: This has nothing to do with the so-called debate about Morse testing, but
: it does have to do with correcting your implication that there is little
: CW activity when in fact there is. You may believe that's the case, or
: perhaps you might even WISH it were, but quite simply, it isn't.

If someone wants to operate CW then let them, the proposed changes does
not ban CW, it's only talking about dropping the requirement. I know the
code but I havn't used it in years and have no plans on using it again (except
maybe if I get in a 'nostalgic' mood and pretend it's the 1800's again).
If someone wants some kind of requirement for this hobby then how about
a voice and operating procedure test before people are allowed to get on
using voice, ever listen to HF SSB or FM repeaters lately? CW is disciplined
by it's inefficiency and requiring very short phrases and abbreviations to
communicate reliably. Voice (and packet) doesn't have that problem, and that's
where we need to teach people to use proper operating procedures to make
this hobby better. Keeping a CW requirement is only going to keep people
away from amateur radio.

: Tony Stalls, K4KYO
: ARRL Life Member

Ron N8FOW ron@wireless.org http://www.n8fow.ampr.org/~n8fow

1837. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <5052ke$dmd@abyss.West.Sun.COM>
Source record: 217904
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <32260A4C.5B2D@rocler.qc.ca>, burt lang <burt@rocler.qc.ca> wrote:
>Christopher K. Greenhalgh wrote:
>>
>> In article <DwwC4I.Bxu@pe1chl.ampr.org> rob@pe1chl.ampr.org (Rob Janssen) writes:

[...]

>> >You are causing QRM on nearby channels with that sweeping transmitter
>> >(which is a design problem that plagues ALL Kenwood TM-[2345][34]1
>> >transceivers), and the long TXDELAY cuts into the efficiency of the
>> >channel.
>
>The sweeping PLL plagues most early PLL radios. We have a documented
>case in New England where a TR-2400 (early Kenwood PLL handheld) trashed
>a node 20 miles away every time it transmitted. I have seen a PLL sweep
>across a channel 300 KHz away 3 times during the pre-lock period.
>Fortunately most modern PLL radios do not transmit until the PLL is
>locked. That creates another problem. When a radio has a delayed power
>out period, nobody else on the channel will know that it has started it
>TX sequence. Result a collision, either yours or somebody else's. Read
>my article on "Key-up HTS" at http://www.cam.org/~dino/neda/HTSDUAL.html

I have a TR-2600, and I was interested in knowing why it always had a
'click' on the transmitted audio at keyup time. I noticed the click
was audible on nearby frequencies, too, and suspected the PLL
settling was to blame.

So, I connected the discriminator output of a test receiver to a scope
and tuned it 100KHz away from the HT's transmit frequency. Guess what?
I could clearly see the HT sweeping through the passband on key-up.

So I tuned 200KHz away. Same thing.

I estimated the HT was swinging about 300KHz on the initial overshoot.

That's a lot.

Interestingly enough, the PLL in the TR-2600 does have a lock detect -
it just isn't very picky about how locked the PLL is. It is really there
to avoid transmitting when the PLL is completely failed.

>> With the deviation set correctly (3.0), it does not sweep outside the 5khz
>> limit,
>
>Deviation is not the problem, it is the PLL sweeping across the band
>before locking up. Such a moving signal if it is being transmitted at

>significant power will punch holes into frames on any channel within RF
>range. It only takes 0.1 ms of hole to completely trash a frame. See
>above for documented case.

... and see my comment above.

>BTW the Flexnet system being used in Europe has an interesting feature.
>The node measures the length of TXD transmission it can hear from you
>and if it hears more than 100 ms it will send you a msg indicating you
>have your TXD set too high. It then refuses further data from you. You
>only need enough flags so that the station at the other end of your link
>can catch the start of the data frame.
>
>> >>Other than that...I like it very much, and it works well.
>
>Ignorance is Bliss!!!! And no excuse for running inadequite radios on
>the network.

Isn't that essentially what I said? ;-)

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

1838. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: burt lang <burt@rocler.qc.ca>
Message-ID: <32260A4C.5B2D@rocler.qc.ca>
Source record: 217905
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

Christopher K. Greenhalgh wrote:
>
> In article <DwwC4I.Bxu@pe1chl.ampr.org> rob@pe1chl.ampr.org (Rob Janssen) writes:
>
> Hello Rob.
>
> >"I have not tested it but it runs flawlessly". This is the comment that
> >you see from many commercial-FM-transceiver 9k6 users. Often referring
> >to a claim from others that it is inadequate.
>
> >However, please not that the vast majority of people who DID test it, will
> >tell you it IS inadequate.
>
> "Inadequate" in what way?
>
> >>The only downside is I have to run a 250ms TXDELAY thru the repeater, as the
> >>PLL (of course) "sweeps" a little when switching from the TX freq, to the RX
> >>freq...and vice versa.
>
> >That downside would be sufficient for me not to buy it. And it should
> >be for you as well.
>
> Well...I certainly wouldnt pass judgement on others what to buy, but lets not
> forget...everyone has to start somewhere.
>
> >You are causing QRM on nearby channels with that sweeping transmitter
> >(which is a design problem that plagues ALL Kenwood TM-[2345][34]1
> >transceivers), and the long TXDELAY cuts into the efficiency of the
> >channel.

The sweeping PLL plagues most early PLL radios. We have a documented
case in New England where a TR-2400 (early Kenwood PLL handheld) trashed
a node 20 miles away every time it transmitted. I have seen a PLL sweep
across a channel 300 KHz away 3 times during the pre-lock period.
Fortunately most modern PLL radios do not transmit until the PLL is
locked. That creates another problem. When a radio has a delayed power
out period, nobody else on the channel will know that it has started it
TX sequence. Result a collision, either yours or somebody else's. Read
my article on "Key-up HTS" at http://www.cam.org/~dino/neda/HTSDUAL.html

>
> With the deviation set correctly (3.0), it does not sweep outside the 5khz
> limit,

Deviation is not the problem, it is the PLL sweeping across the band before locking up. Such a moving signal if it is being transmitted at significant power will punch holes into frames on any channel within RF range. It only takes 0.1 ms of hole to completely trash a frame. See above for documented case.

> but I agree that "long" TXDs affect channel effeciency.

They sure do. What is the point of sending 250 ms of flags and a 15 ms ACK frame? That is a lot longer than a 20 ms TXD "fast" rig with a 120 ms ACK frame at 1200 bps. I suppose if you send a long enough TXD period then everyone else will have given up and you have a clear shot at the channel. :-)

>
> >You share the channel with everyone else, so you should be considerate.
>
> I run the same TXD as most users on the freq.

You should be running the minimum TXD that your radio and the radio at the other end of the link require. That would reduce the surplus flags being sent on the channel and reduce the chance of a collision with a HTS station.

BTW the Flexnet system being used in Europe has an interesting feature. The node measures the length of TXD transmission it can hear from you and if it hears more than 100 ms it will send you a msg indicating you have your TXD set too high. It then refuses further data from you. You only need enough flags so that the station at the other end of your link can catch the start of the data frame.

> >>Other than that...I like it very much, and it works well.

Ignorance is Bliss!!!! And no excuse for running inadequite radios on the network.

>
> >You have not tested it. How would you know?

For test methods to check switching speed of radios, try http://www.rocler.qc.ca/burt/drstm.html

>
> It works well in the regard of solid connects, and no retries with other
> stations, and when on the 9.6k repeater, results are the same.

Anyone who says that he has NO collisions on a channel must either:
A/ Be transmitting UNPROTO frame alone on the channel or
B/ Be so strong into the server that he overrides everyone else on the channel or
C/ Would not know a collision if it hit him in broad daylight in the middle of the highway.

Any communications involving 2 or more stations on a CSMA channel will encounter collisions. Just like the only 2 cars registered in the whole

state of Ohio in 1905 that had a collision one day. I presume that you mean you have very few collisions. If so, say it. Give it some numbers like 5%, 10% or whatever. More likely if you are not having collisions then others on the channel are due to your signal.

> Christopher K. Greenhalgh, N8WCT
> Computer/Electronic Tech. II at The Ohio State University
> E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
> AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

Burt, VE2BMQ

1839. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <504nok$b7j@abyss.West.Sun.COM>
Source record: 217906
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <cgreenha.617.3225CC0B@magnus.acs.ohio-state.edu>,
Christopher K. Greenhalgh <cgreenha@magnus.acs.ohio-state.edu> wrote:
>In article <504bnc$9df@abyss.West.Sun.COM> myers@West.Sun.COM (Dana Myers)
>writes:
>
>>Sure, there ARE PLL radios that are acceptable for 9600 baud. Your
>>Kenwood just doesn't happen to be one of them.
>
>My Kenwood is running right now...as we speak...at 9.6k. :)

I've never claimed that your Kenwood can't spew bits at 9600 baud.
What I've claimed is that your Kenwood is not suitable for 9600 baud
operation because of the excessively long TXD value you claim to use.

>>>BTW, that was the setting for duplex operation. I can run 100ms in simplex.
>
>>Are you saying there's a local duplex repeater that requires an
>>extra 150mS of TXD? That repeater is quite broken.
>
>No.

You've said you use 250mS TXD when operating through a duplex repeater, but
that you only use 100mS in simplex operation. Why do you use the longer
TXD when operating via a repeater?

>
>>Um, if that repeater you're using requires 150mS of extra TXD, it
>>is flawed.
>
>Er...I dont know where you got this idea.

I can do math - you said "250mS on the repeater, 100mS on simplex".

250-100 = 150.

>>>That may be true, but the average TXD in my neck of the woods is much higher.
>
>>In other words, most everyone you know is using flawed radios and
>>doesn't realize (or accept) it.
>
>No. And Im not sure why you continue to make rash assumptions.

You've said you use a TXD of 250mS and that everyone else uses a similar
TXD. That's broken at 9600 baud.

>>That doesn't change the fact - these
>>people are using excessive TXD.
>
>As always...your opinion is welcome Dana. :)

It isn't just my opinion, Chris. Ask someone like Kantor or Janssen
or Coffman (you know, other people with networking and packet experience).
The answer won't be that different.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

1840. Re: Why become a typical A/V Teacher?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: jholly@cup.hp.com
Message-ID: <50563n$eir@hpax.cup.hp.com>
Source record: 217907

Frank Sved (dg198@FreeNet.Carleton.CA) wrote:

: Why would someone become a typical AV teacher? What is the point of
: teaching others things that they can in turn teach others. What a
: boreing, fat, ugly individual does it take?

: Why would someone teach AV? Perhaps because to enter a forum where
: monologuing is not permitted is to challenging or threatening? Perhaps.

: I once asked an AV teacher to make a 7 piece puzzel. It took him a year.
: After I asked him why it took so long, he aswered ... I did it fast.
: The box said for 2 to 3 years!

: --

: Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

and your point is?

1841. Re: Questions about WARC bands

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <504j4i$k33@lehi.kuentos.guam.net>
Source record: 217908
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>There are *no* CW (IE OOK Morse) subbands on HF (only on 50.0-50.1 MHz
>and 144.0-144.1 MHz). CW is permitted anywhere on any amateur band, of
>course, but is predominantly found in the RTTY/data band segments by
>custom.

What about the Novice CW subbands ? Are Novices permitted to operate
CW anywhere on any amateur band ?

> Amateurs of other nations don't necessarily follow US bandplans.

Neither do the bootleggers. Especially in China, Indonesia, and the Philippines.

73, Jim KH2D

1842. RE: QUESTIONS ABOUT WARC

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: roland.stiner@hobbs.com
Message-ID: <8C75532.0029006A61.uuout@hobbs.com>
Source record: 217909

To: pacrimgolf@kuentos.guam.net
Subject: Re: Questions about WARC bands

P>Neither do the bootleggers. Especially in China, Indonesia,
>and the Philippines.

Yup, heard them every time I was over in DU just below 7 MHz...

OLX 1.53 --------------> 73, de NK2U <----------------

--- PCBoard (R) v15.22 (OS/2) 2
* Origin: CyberNet BBS Lyndhurst, NJ (1:2604/151)

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==========

1843. Iambic Keyer, ONLY FOUR PARTS!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: Rick Miller <rdmiller@execpc.com>
Message-ID: <01bb95da$a08fac00$060801c1@eng06.digalogsys.com>
Source record: 217910
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc
Body handling: Inline uuencoded payload not displayed: pickeyer.c

Hi all!

I posted last week to rec.radio.amateur.misc that I would be
trying to implement an iambic keyer with a Microchip PIC16F84...

Well, I've actually got a demo up and running! This is too fun.

It's menu-driven, even! You can adjust sending speed and the pitch
of the audible feedback tone. You can even adjust the speed and
pitch of the menu-Morse.

Parts list:
(1) PIC16F84 (used to be called "PIC16C84A")
(1) ColorBurst crystal (3579.545 kHz)
(2) 22pF capacitors
(1) Normally-Open momentary push-button (optional)

Well, okay... this assumes that you've got a power supply
of 2-6 Volts DC available, since it's meant to be built right
into your rig. Typical operating current is under 10 mA.

If you throw in the 'optional' pushbutton, you can reset it
into 'menu-mode' without power-cycling your rig.

As promised, here's the source code so far.

Enjoy!

Rick Miller (KB9OBN) rdmiller@execpc.com

[Inline uuencoded payload not displayed: pickeyer.c]

1844. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: John Nelson <johnn@pacifier.com>
Message-ID: <3225E2D5.1955@pacifier.com>
Source record: 217911
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Michael P. Deignan wrote:
>

>
> Code test elimination supporters have not addressed the issue
> of the "theoretical verses practical" aspect of our amateur
> examinations, nor have they designed a reasonable alternative
> to the existing code test that fulfills the means test of being
> non-subjective, uncomplicated, easy-to-administer, and
> related to amateur radio.

As a "practical examination" related to amateur radio, CW prociciency is unfit. It has nothing to do with radio operation, per se. Indeed, Morse can be communicated without any RF activity whatsoever. Arguing that it is related to amateur radio and is therefore a good test is as absurd as arguing that operating a TCP/IP router is a good test. Both CAN be done via radio, but neither IS radio operation.

Try again.

1845. Re: Available 1 x2 & 2 x 1 Extra Class Calls

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: Eric Pearson <eric@qualop.com>
Message-ID: <322690D6.4E2D@qualop.com>
Source record: 217912

Bob Levine wrote:
>
> See my WWW site for available 1x2 & 2x1 calls. http://www.ultranet.com/~bob/
>

Thanks for the info Bob, but where are the -1- area call signs??

1846. Re: Questions about WARC bands

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: little@pecan.enet.dec.com
Message-ID: <5051un$4di@usenet.pa.dec.com>
Source record: 217913
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <504j4i$k33@lehi.kuentos.guam.net>
pacrimgolf@kuentos.guam.net (Jim Kehler) wrote:

> gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>
>>There are *no* CW (IE OOK Morse) subbands on HF (only on 50.0-50.1 MHz
>>and 144.0-144.1 MHz). CW is permitted anywhere on any amateur band, of
>>course, but is predominantly found in the RTTY/data band segments by
>>custom.
>
> What about the Novice CW subbands ? Are Novices permitted to operate
> CW anywhere on any amateur band ?

Might be a worthwhile question if either it was something in dispute
or was even something that Gary suggested. He didn't say what
class could operate on what allocations. He merely pointed out the
relevent portion of the FCC regulations regarding mode specific
allocations. But then again Jim, you knew that and I suspect are
just being argumentative.

73,
Todd
N9MWB

1847. Re: Away a while... got a packet question.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <32256B00.17CA@ccsnet.com>
Source record: 217914

Ryan Tourge wrote:
>
> I have not been radioactive for awhile, and was wondering what baud rates
> are packet TNC's using now?

This is ham radio.
Nothing changed.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	The less you say, the more people will remember
#================#===#
| k1oik@ccsnet.com |
#===#

http://www.qrz.com/cgi-bin/qrz_gifs?k1oik.gif

1848. Why become a typical A/V Teacher?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <5046ff$id@freenet-news.carleton.ca>
Source record: 217915

Why would someone become a typical AV teacher? What is the point of teaching others things that they can in turn teach others. What a boreing, fat, ugly individual does it take?

Why would someone teach AV? Perhaps because to enter a forum where monologuing is not permitted is to challenging or threatening? Perhaps.

I once asked an AV teacher to make a 7 piece puzzel. It took him a year. After I asked him why it took so long, he aswered ... I did it fast. The box said for 2 to 3 years!

--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

1849. JR1ZOB ope. in Yamanashi Pref

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: tmiura@cpr.canon.co.jp
Message-ID: <503ggv$bas@casp12.cpr.canon.co.jp>
Source record: 217916

NAKAKOMA-GUN Yamanashi Pref. Japan JCG#17003.
Jun, JA1JNR and Tosi, 7M2GCW will be on the air August 31 operating CW on HF. They will sign JR1ZOB.

1850. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <504bnc$9df@abyss.West.Sun.COM>
Source record: 218004
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <cgreenha.612.32259B54@magnus.acs.ohio-state.edu>,
Christopher K. Greenhalgh <cgreenha@magnus.acs.ohio-state.edu> wrote:
>In article <5021fd$mvr@abyss.West.Sun.COM> myers@West.Sun.COM (Dana Myers) writes:
>Hello Dana.
>
>>I don't want to argue semantics. Sure, you can say that your radio
>>isn't flawed, it just isn't as good as that Dana Myers says it should
>>be, but that's just Dana Myers for you. If that makes you feel
>>better, fine. The fact is, a TXD of 250mS on 9600 is a flaw, and that
>>isn't just my opinion.
>
>I disagree. I just dont agree with your teminology I guess. I would say
>that ny setup works flawlessly with its given settings. Now those SETTING
>may be "unaceptable" to you (and others), but I was simply answering the
>persons question...which is YES...there ARE PLL radio that will work at
>9.6k.

Sure, there ARE PLL radios that are acceptable for 9600 baud. Your
Kenwood just doesn't happen to be one of them.

A short analogy:

If you had a car that could only maintain a top speed of 35MPH, would
it be a good idea to driver on the 70MPH interstate? I guess if
everyone is driving 35MPH on the interstate, it wouldn't matter.

>BTW, that was the setting for duplex operation. I can run 100ms in simplex.

Are you saying there's a local duplex repeater that requires an
extra 150mS of TXD? That repeater is quite broken.

>>Most folks? Most folks I know are using less than 70mS. Maybe most
>>folks you know are using flawed radios, too.
>
>No...I know of no one on packet that is useing a flawed radio.

Um, if that repeater you're using requires 150mS of extra TXD, it
is flawed.

>>50mS TXD for 9600 baud
>>is not a high standard.
>
>That may be true, but the average TXD in my neck of the woods is much higher.

In other words, most everyone you know is using flawed radios and
doesn't realize (or accept) it. That doesn't change the fact - these

people are using excessive TXD.

>>Well, if everyone in your area is running 250-300mS TXD, I doubt you'll
>>see replies quickly enough for your receiver to miss them. How
>>do you actually know your operation has been solid with no retries
>>by other stations?
>
>By monitoring the frequency of course.

Which receiver are you using to monitor the frequency? Do you have
a separate receiver set up with monitoring software (like AXMON?).
You can't use your station receiver for this kind of monitoring
since it won't hear the packets being dropped that are later
retried.

>>No. I
>>pointed out some of the problems with using a PLL radio for 9600 baud.
>
>And I answered the guys question which was "...if there are any PLL sets
>that are satisfactory?" The answer was yes...and I also added some information
>and settings so he could get the whole picture, as not to cloud the issue.

There are PLL radios that are satisfactory, but then you added some
information and settings which clearly indicated the one you're using
is *not* satisfactory but you use it anyway. Then you explained that
everyone else in your area is using unsatisfactory radios.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

1851. MS1307

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: k-aslanidis@ti.com
Message-ID: <504fpm$qo6@tilde.csc.ti.com>
Source record: 218005

I am looking for more information about the device MS1307.
======

Does anyone know the Manufacturer of this device???
============

If you have more information please let me know.

Thanks

Kostas (for DL1RU)

1852. Re: Whatever happened to AC-SSB ??

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: Robert Morris <robrk@fyi.net>
Message-ID: <3225402E.388A@fyi.net>
Source record: 218006
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

Charles Hoffman wrote:
>
> Interesting. I will take a look. Incidentally, I have a VBC Model 3000
> Baseband Transeiver if anyone is interested, with book; make offer.
>
> Rob Frohne wrote:
> >
> > A couple of my engineering students and I picked up the frequency
> > companding idea and implemented it on the TI DSK DSP evaluation board. It
> > was written up
> > in QEX a while back. The editors allowed me to put a copy on my web page. You
> > can see it at http://www.wwc.edu/~frohro/qex/qex-art.html We didn't implement
> > the amplitude compandor, but that could be added in. Our testing indicated that
> > it was a feasible system, but I doubt it will ever catch on, as there are better
> > ways of reducing the spectrum with DSP.
> >
> > --
> > Rob Frohne
> > E.F. Cross School of Engineering
> > Walla Walla College
> > 204 S. College Ave.
> > College Place, WA 99324
> >
> > frohro@wwc.edu
> > http://www.wwc.edu/~frohro

An ARRL fub of a few years ago...They dedicated a big chunk of
the handbook to ACSSB...After getting through most of the stuff,
You found there was only one place to get the special chip.
Kinda like the last few issues of QST :)

1853. SHUTTLE FREQUENCIES FAQ->STS-79

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: sxi@indirect.com
Message-ID: <502nhg$a8m@globe.indirect.com>
Source record: 218007

STS-79 is launching soon! Check out the latest frequency listing and
other related info regarding monitoring shuttle activities at the
following URL

73's
<><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><>
Roger Eastman sxi@indirect.com
http://www.indirect.com/www/sxi/rogers.htm
<><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><>

1854. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: n7ory@primenet.com
Message-ID: <504hao$s6h@nnrp1.news.primenet.com>
Source record: 218008
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

"Cliff-s" <Cliff-s@worldnet.att.net> wrote:

I agree.

Rob Neff (N7ORY)

1855. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: cgreenha@magnus.acs.ohio-state.edu
Message-ID: <cgreenha.617.3225CC0B@magnus.acs.ohio-state.edu>
Source record: 218009
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <504bnc$9df@abyss.West.Sun.COM> myers@West.Sun.COM (Dana Myers) writes:

>Sure, there ARE PLL radios that are acceptable for 9600 baud. Your
>Kenwood just doesn't happen to be one of them.

My Kenwood is running right now...as we speak...at 9.6k. :)

>>BTW, that was the setting for duplex operation. I can run 100ms in simplex.

>Are you saying there's a local duplex repeater that requires an
>extra 150mS of TXD? That repeater is quite broken.

No.

>Um, if that repeater you're using requires 150mS of extra TXD, it
>is flawed.

Er...I dont know where you got this idea.

>>That may be true, but the average TXD in my neck of the woods is much higher.

>In other words, most everyone you know is using flawed radios and
>doesn't realize (or accept) it.

No. And Im not sure why you continue to make rash assumptions.

>That doesn't change the fact - these
>people are using excessive TXD.

As always...your opinion is welcome Dana. :)

>>By monitoring the frequency of course.

>Which receiver are you using to monitor the frequency?

A seperate stand alone unit.

>Do you have
>a separate receiver set up with monitoring software (like AXMON?).
>You can't use your station receiver for this kind of monitoring
>since it won't hear the packets being dropped that are later
>retried.

I know that.

>There are PLL radios that are satisfactory, but then you added some
>information and settings which clearly indicated the one you're using
>is *not* satisfactory but you use it anyway.

Like I said Dana...its running right now, and communicates at 9.6k with no retries, and solid connects. I suppose if you want to label that "*not* satisfactory"...that is fine. :)

>Then you explained that
>everyone else in your area is using unsatisfactory radios.

Um...again...I never said that. You must be confusing me with someone else...no problem tho.

Thanks again Dana, and take care.

Christopher K. Greenhalgh, N8WCT
Computer/Electronic Tech. II at The Ohio State University
E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

1856. Re: Away a while... got a packet question.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: les@rfx.rfx.com
Message-ID: <les-2908961008340001@lesmac.rfx.com>
Source record: 218010

In article <32256B00.17CA@ccsnet.com>, k1oik@ccsnet.com wrote:

> Ryan Tourge wrote:
> >
> > I have not been radioactive for awhile, and was wondering what baud rates
> > are packet TNC's using now?
>
> This is ham radio.
> Nothing changed.
>

Unfortunately I see the thing the same way .... It seems to still be a major project to get on or above 9600.... Go into a ham radio store, and see what they have on the shelf... still the same stuff pretty much, if you want higher speeds , you often have to modify or build equipment to do it.
And once you get on , 3/4 of the software is geared towards 'BBS' stuff...

Remember that from the 70's ?

On a side note , occasionally I pick up a copy of '73' magazine. In there the editor , Wayne Green I think his name is, often chews out the community on the lack of progress. Funny thing is, there is no e-mail address that I could find for feedback , and he still calls the packet section in 73 "RTTY loop".

RTTY ? maybe he should call it something more progressive. RTTY is the morse code of packet, and certainly does not attract a lot of excitement with people that have been jaded by the World Wide Web.

Les

Les Dittert

1857. National NC-300 manual needed

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: Ryan Tourge <ryguy@netheaven.com>
Message-ID: <01bb9569$ef5ee920$4c9be7ce@ryant>
Source record: 218011

Anyone have a manual for th NC-300 that they would like to get rid of, or possibly copy?

--
Ryan Tourge, N2YQT
Firefighter - Certified EMS First Responder
Certified Haz-Mat First Responder
Chestertown, NY
ryguy@netheaven.com
http://www.netheaven.com/~ryguy/

1858. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: Giovanni Mazzola <it9xxs@exit.it>
Message-ID: <322534E1.13C@exit.it>
Source record: 218012
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

The best radios for 9k6 I tested and used are Kenwwod TR-851 and Yaesu FT-736R.

The worst is Kenwood TM-733 ! This latter has a 'dedicated port' ... :-(

Ciao !

Giovanni, IT9XXS

1859. Mars MOD for FT50-r

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: kplumb@aol.com
Message-ID: <504maa$adk@newsbf02.news.aol.com>
Source record: 218013

Im looking for mars mod for ft50-r. Please post.
73"s
Kevin Plumb N2WFS
kplumb@aol.com

1860. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug29.125517.9359@ke4zv.atl.ga.us>
Source record: 218014
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <322341F8.4DC7@mpce.mq.edu.au> Dr Tony Farrow <tony@mpce.mq.edu.au> writes:
>
>Can anyone recommend a brand of 70cm radio from any of the major
>ham-radio manufacturers that is really suitable for 9600 baud packet? I
>wonder if there are any PLL sets that are satisfactory?

There is *one*, Tony. It is the Azden PCS9600D. However, I can't
recomend it since Azden has a horrible reputation for poor reliability
and lack of factory support. The Icom IC820H almost makes it, but the
receive filters are too narrow. If you can fit wider filters, it may
suffice. (It's not that 9600 is wide, it is just that filters are phase
non-linear near the passband edges and that distorts the signal and
closes the eye. The cheap way to fix that is to use a wider filter so
the signal doesn't approach the passband edges. The expensive way is
with an adaptive equalizer.)

Otherwise I suggest you stick with a crystal controlled data radio
like the TEKK KS900. It works fine, and costs very little (under
$150 crystalled to your frequency). It is rare to need frequency
agility in a data radio anyway. The proper way to configure a
network leaves your radio on a single known frequency 7x24 so
that the network routing software knows where to find it when
there is traffic for your station.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1861. Amateur Radio Clipart

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: "Thomas L. Gaines, Sr." <tgaines@datastar.net>
Message-ID: <32255AD3.2621@datastar.net>
Source record: 218015

Where can I get Amateur Radio Clipart for letterhead and envelopes on the Net?

Any help would be appreciated.

73, Tom N5ISE
--
Thomas L. Gaines, Sr.
Amateur Radio Callsign N5ISE
703 Jones Street
Picayune, MS 39466-5239
Coordinates 30*31' North 89*42'West

1862. Re: Equipment Insurance

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: ae4pt@ntr.net
Message-ID: <32253aa7.3391934@news.ntr.net>
Source record: 218016

On Wed, 28 Aug 1996 13:12:31 -0400, Ben Johnson <bjohn@concentric.net>
wrote:

>I would appreciate information (both pro & con) on Hamsure and ARRL's
>insurance carrier regarding how easy these companies settled claims etc.
>
>I am a fairly new ham and looking to start insuring my equipment and
>would like to make sure I get the best value. Thanks in advance for your
>input.
>
>Ben Johnson
>KF4JEB

I lost an HT that was insured under the ARRL insurance
carrier. They were very prompt. I mailed them a copy of the police
report and they got the check right back out for the insured amount
minus the $50 deductible.

I would highly recommend them.

Bryan Rogers, AE4PT

1863. Standard C5900 Need Mods

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: you@somehost.somedomain
Message-ID: <504r5b$r1m@news.ios.com>
Source record: 218017
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Today I have received the Standard C5900 and I'm looking
for any MODS to this rig. Please Email if any.

Email: rod@hili.com
Thank you
N2RVM

1864. Re: Motorola Equipment

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: "Doug C." <crighton@fox.nstn.ca>
Message-ID: <322555DA.45C5@fox.nstn.ca>
Source record: 218018

Sure! In Winnipeg there are several hams using 6-ch. Motorola
HT600s(Radius P200) and 8/16 ch. Motorola Radius GP300s, for both 2m,
and 70cm bands. In fact with the right models in the VHF band there are
EMS and FF hams in rural areas who have programmed (and are licenced
for) the Province-wide EMS common freq, and/or Provincial Fire freq.s as
well as 2m simplex/repeater freq. These responders have found that
these radios are great for use when you are "on-call" in a rural area.
And as they are type-accepted for commercial use they can be lic. for
the ham bandsas well. In fact there is one volunteer agency that
has Motorola Radius GM300 as vehicle radios, with 2m programmed in, but
these channels are restricted to lic. AROs.

=-=
Doug Crighton, EMA-1(D)/EMT-I -- Amateur Radio: VE4DUG
BTLS Instructor Manitoba EMS Volunteer

*** Usual Disclaimers Apply ***
"My Opinions... If you don't like them... Get your own!"

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Winnipeg, Manitoba, Canada R2X 3B3
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1865. Ten Tec reflector

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: kingbp@ka1fqt.mv.com
Message-ID: <Dwx7zy.H5x@mv.mv.com>
Source record: 218019

I recently heard there is a Ten-Tec mail reflector. The address being tentec@akorn.net. I subscribed to this mailing list on August 17 but have not received any verification or anything related to this list. Does anybody know anything regarding this list? Is this the correct address?

Thanks,

Bryan
KA1FQT

1866. The ARRL Letter Update 8/30/96

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: "Lindquist, Rick, KX4V" <elindquist@arrl.org>
Message-ID: <5056d0$ji2@mgate.arrl.org>
Source record: 218020
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

The ARRL Letter
Electronic Update
August 30, 1996

IN THIS UPDATE . . .

* New ham satellite to be Fuji OSCAR 29
* Current FCC Form 610 is still good
* Ham astronauts to train for Mir missions
* New ARRL Scout Handbook available
* New Friends encourages ham radio for hearing impaired youth
* ARRL/TAPR confab is September 20-22.
* In Brief: Avoiding vanity confusion;
SAREX flight set; are they hams?;
QSL the QSLs; media play; vanity tally

NEWEST HAM RADIO SATELLITE TO BE FUJI OSCAR 29

JARL plans to ask that its new JAS-2 satellite be designated as Fuji OSCAR 29, or FO-29 for short. This is in line with previous Japanese amateur satellites FO-12, launched in 1986, and FO-20, launched in 1990 and still operating. AMSAT-NA President Bill Tynan, W3XO, says that, in the light of this information, it is appropriate to refer to the new amateur satellite as Fuji OSCAR 29, or simply as FO-29.

Meanwhile, operation of the new Amateur Radio satellite appears to be normal. It will be a couple of weeks until for the JD transponder is ready for use, however. The CW telemetry beacon is being heard at many locations. The mail box is now experimentally open for public use. Send any downloaded telemetry frames to jamsat-bb@iijnet.or.jp. Jerry Smyth, N8ULU, reports the satellite has been operational on mode JA and that he worked several stations. He reported good signals with typical LEO fades from time to time.--AMSAT News Service

CURRENT FCC FORM 610 IS STILL GOOD

Unlike the expiration dates on perishable food items in the grocery store, the expiration dates on the FCC Form 610 can be safely ignored. A lot of hams have asked about them, however, because an "expiration date" of August 31, 1996, appears in the upper righthand corner of current FCC Forms 610 that were issued in November 1993 and in March 1995 (as shown in the lower righthand corner).

ARRL/VEC Manager Bart Jahnke, KB9NM, says the August 31, 1996, expiration date is an internal FCC reference date only, and it is not a date to instruct the public when to stop using the form.

The FCC says the November 1993 and March 1995-issued FCC Forms 610 are okay to use and will continue to be acceptable for use until further notice.

HAM ASTRONAUTS LAWRENCE AND WOLF TO TRAIN FOR MIR MISSIONS

Astronauts Wendy B. Lawrence, KC5KII, and David A. Wolf, KC5VPF, have been selected to train for stays aboard Russia's Mir space station. They were scheduled to arrive at the Gagarin Cosmonaut Training Center in Star City, Russia, in mid-August. Lawrence, 37, is a US Navy commander. She'll begin a four-month stay on Mir in September 1997. She will launch aboard Atlantis as part of the STS-86 crew, and become a member of the Mir 24 crew, which will be replaced by the Mir 25 crew during Lawrence's tour on the Mir.

Wolf, 40, will replace Lawrence on Mir, arriving aboard Discovery during the STS-89 mission, currently targeted for early 1998. Wolf, a medical doctor, will be a member of both the Mir 25 and 26 crews during his four-month tour in orbit.

NEW ARRL SCOUT HANDBOOK AVAILABLE

The ARRL Educational Activities Department has published a new booklet, the ARRL Scout Handbook, for use with Boy Scouts and Girl Scouts. The book is about Scouting and Amateur Radio and is available free from EAD. Send an 8-1/2x11-inch self-addressed, stamped envelope (SASE) with 78 cents of postage, to ARRL, Educational Activities Department, 225 Main St, Newington, CT 06111.

The booklet includes information on the Boy Scout Radio merit badge and tells how to become a Boy Scout Radio merit badge counselor. It also has a suggested proposal for a Girl Scouts Amateur Radio Patch. Other sections explain how to get involved with the annual Boy Scouts Jamboree on the Air (JOTA), which will be October 19-20, 1996, as well as general information on ham radio and ideas on how to recruit Scouts to Amateur Radio.

The ARRL Scout Handbook was made possible through contributions from generous hams like yourself through a grant from The ARRL Foundation. Please consider a donation to the ARRL Scout Handbook Fund to make future booklets possible. Every tax-deductible contribution helps, regardless of the amount. Send contributions to The ARRL Scout Handbook Fund, The ARRL Foundation Inc, 225 Main St, Newington, CT 06111. The ARRL Foundation is a not-for-profit, tax-exempt 501(c)(3) organization. Contributions are tax-deductible to the extend permitted by the IRS.--Glenn Swanson, KB1GW

ENCOURAGING DEAF YOUNGSTERS TO GET INTO AMATEUR RADIO

John Rothert, KC4IYO, of Orlando, Florida, reports he's working with a group of deaf students in central Florida called "New Friends," a nonprofit organization for deaf and hearing impaired children. The function of the organization is to provide an atmosphere where deaf children can meet to socialize and share learning experiences.

Amateur Radio offers several modes that are accessible to those with hearing impairments, including RTTY, AMTOR, packet, PACTOR, TV and even CW. Rothert says he's been involved with the Shuttle Amateur Radio EXperiment (SAREX) program since STS-35, and he hopes to see New Friends get in on the fun. Last year, the group submitted an application to ARRL and the SAREX community to schedule a packet contact during a future mission. NASA is said to be interested in this project, and the group may get its chance on a future mission.

Rothert said some of the group's objectives are to learn about space science, show how computers can help people communicate, learn about the Internet, spark interest in ham radio, and communicate with the space shuttle. During the first official New Friends workshop in late July (sponsored in part by Sprint and the Carl Hill Galloway Chapter of the Telephone Pioneers) some 25 students found out what Amateur Radio is all about. Each student received a packet of information from the ARRL along with an Archie ham radio comic book and a copy of the Shuttle Amateur Radio EXperiment Bulletin put together by AMSAT and the ARRL. Amateur Radio operators demonstrated voice transmission and packet via ham radio and showed how to track the shuttle and other spacecraft. Participants also had a hands-on opportunity to try packet. A table was set up for students to write letters to the astronauts.

The Lake Monroe Amateur Radio Society has volunteered to give Amateur Radio classes designed for the hearing impaired, and several students have already signed up. Rothert would like to get in touch with deaf and hearing impaired hams. He's also looking for any ideas that may help make Amateur Radio more exciting and inviting for these young people. His address is 14131 Hunter Grove Dr, Orlando, FL 32828--AMSAT News Service

1996 ARRL AND TAPR DIGITAL COMMUNICATIONS CONFERENCE IS SEPTEMBER 20-22

The fifteenth annual ARRL and TAPR Digital Communications Conference is almost here, but there's still time to register. The 1996 event is September 20-22 in Seattle, Washington, just minutes away from the SeaTac (Seattle/Tacoma) Airport.

Participants can expect a conference that's both technically stimulating and a weekend of fun for all who have a more-than-casual interest in any of the ham digital communication modes. The ARRL and TAPR Digital Communications Conference is for all levels of digital operators, and a must to attend for those who want to get active on a national level. But it's not just for digital experts. This year's conference will again provide an entire morning of beginning- and intermediate-level presentations on selected digital communication topics. These include APRS, satellite communication, TCP/IP, digital radio, spread spectrum and others.

In addition to the presentation of papers on Friday and Saturday, three workshops will be held. Keith Sproul, WU2Z, will discuss APRS packet-location software. Dewayne Hendricks, WA8DZP, will conduct a workshop, "How to Utilize Part 15 Wireless Radios for Ham Applications." Another Sunday workshop will focus on "Wireless Networking Using the WA4DSY 56-K RF Modem Technology."

For full information on the conference and accommodations, contact Tucson Amateur Packet Radio, 8987-309 E Tanque Verde Rd No 337, Tucson, AZ 85749-9399, tel 817-383-0000; fax 817-566-2544; e-mail tapr@tapr.org; Web page www.tapr.org. Abstracts of all conference papers are now available on the TAPR web page.

The conference hotel is the Quality Inn Seattle Airport, 17101 Pacific Hwy South, Seattle, WA 98188; tel 206-246-7000; fax 206-246-1715. The alternate hotel is the Radisson Hotel Seattle Airport, 17101 Pacific Hwy South, Seattle, WA 98188; tel 206-244-6000; fax 206-246-6835. When making reservations, be sure to indicate you are attending the ARRL and TAPR DCC conference. The hotel provides transportation to and from SeaTac Airport. Contact the hotel to arrange airport transportation.

Conference cohosts are the Puget Sound Amateur Radio TCP/IP Group and Boeing Employees Amateur Radio Society (BEARS).

In Brief:

* Avoiding vanity confusion: Some hams have questioned the application requirements contained in the recent FCC announcement that vanity call sign Gate 2 opens September 23. The confusion arose over the FCC's statement that "each call sign must be one designated for the Region of your mailing address." FCC Fact Sheet PR-5000, Amateur Station Sequential Call Sign System, defines the regions and the types of call signs you may properly select. Briefly, here's how it works: Those living anywhere that the FCC issues ham licenses (all 50 states plus US territories and possessions) may apply for a call sign from any of the 10 call districts (regions 1 to 10). This means a ham in Missouri, for example, could apply for a call sign with a K1 prefix. He or she would not be restricted to a call sign containing a numeral 0. In addition to regions 1 to 10, applicants with mailing addresses in Alaska also may apply for call signs from region 11, while hams in Hawaii also may apply for call signs from region 13 having a numeral 6 or 7 in the call sign. See Fact Sheet PR-5000 for additional information.

* SAREX flight set: The next SAREX flight, STS-79, is set to launch September 12. John Blaha, KC5TZQ, will be delivered to the Mir space complex for a long-duration mission. While on board, he'll share Mir duties with Cosmonaut Aleksandr Kaleri, U8MIR, who first used that call sign in 1992; plus Valerij Korzun who'll use the R0MIR club call sign, and Claudi Andre-Dechays, using F6MIR. Mir astronauts get audio linkups with their families every week and video linkups every two weeks. Family members report that the video doesn't work half the time, and the audio, while acceptable, has bad echoes and isn't as good as ham radio!--Rosalie White, WA1STO

* Are they hams? The title of rock group Pearl Jam's latest album is No Code.

* QSL the QSLs: Hams from all over have showered QSLs upon DeKalb County, Georgia, police officer Dave Harvey, KE4VDP, who was recently shot and wounded while on the job. Harvey's friend and colleague, Jim Sheppard, KT4FD, reports the recovering officer--a Technician licensee for about 18

months--has received more than 150 cards--26 on one day alone--in the wake of a recent report in The ARRL Letter requesting that hams send cards to Harvey to cheer him up. One card even showed up from Pakistan! "He really has enjoyed getting the cards, and it has had a great effect on cheering him up," said Sheppard, who recently put up a 2-meter antenna for Harvey so he could keep in touch with his friends from his house.

* Media play: Past ARRL Professional Teacher of the Year Sheila Perry, N0UOP, of Bloomfield, Missouri, was featured in the August edition of Learning magazine (a journal for teachers). The article highlighted her SAREX work and cited ARRL's Educational Activities Department as the place to get more information.

* Vanity tally: As it prepares to handle the expected deluge of applications when vanity Gate 2 opens September 23, the FCC reports it had received nearly 3800 Gate 1 and Gate 1A vanity call sign applications for processing as of August 20, 1996.

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The ARRL Letter is published by the American Radio Relay League, 225 Main St, Newington, CT 06111; tel 860-594-0200; fax 860-594-0259. Rodney J. Stafford, KB6ZV, President; David Sumner, K1ZZ, Executive Vice President.

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Visit the ARRLWeb page at http://www.arrl.org.

The purpose of The ARRL Letter is to provide the essential news of interest to active, organizationally minded radio amateurs faster than it can be disseminated by our official journal, QST. We strive to be fast, accurate and readable in our reporting.

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1867. Looking for Icom 2340 Mod

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: wevans2@pen.k12.va.us
Message-ID: <Dwx23w.1Fy7@pen.k12.va.us>
Source record: 218021

Hello Amateurs:
I am looking for receive modifications for an icom 2340
dual bander (2/440) mobile rig. If you have them, please send them to:

kd4mjo@juno.com (Sammy)

My name is Wilbur (kr4ad) Thanks for your help!

=Wilbur

1868. Burt talks to God.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <32262D64.7BBE@ccsnet.com>
Source record: 218022
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

From: AA0NN@AA0NN.KL7AA.#NAK.AK.USA.NOAM
To: K1OIK

AA0NN said:
I heard second - hand that I just received the dubious honor of receiving my first flame...public flame, no less. I had to take a peek.

The reason you did not see it first hand is ham radio is very chancey, and unreliable.

AA0NN said:
Let me clear up some misconceptions you have. Before I do, first I have to admit you are correct in saying that I didn't like your bulletin about what makes a loser. But, to be more specific, I was offended. I seem to remember something about promoting international goodwill with amateur radio.

Promoting good will is great but that does not mean we only have to be positive. Do you think happy talk allows a MEANINGFUL exchange?

AA0NN said:
I forward bulletins from my residence in Anchorage, Alaska to Whitehorse, Yukon Territory. With that in mind, I think your bulletin perpetuates the "Ugly American" persona that many foreigners have come to take as their own opinion.

I was married in Kotzebue, the real Alaska. My message promotes dialogue, your attitude about messages promotes boredom. You think I am the "ugly American" well your censoring makes you a typical Communist dictator.

AA0NN said:
I'm curious why you consider someone a loser if they cheat on their spouse MORE than once. Interesting. It was a passing thought, that's all. Maybe so you don't count yourself in the grouping? Cheating once is okay, but not more?

People make mistakes, once is a mistake, albeit a bad one. Doing it twice means you are a loser. Once is NOT OK.

AA0NN said:
And who voted you in as the authority to determine what characteristics make someone a winner or a loser?

Where did I claim authority. It is my opinion.

AA0NN said:
I don't care whether you post yourstuff or not. I'm not trying to control

the whole world...I just want to keep my little part of it free of (again, only my humble opinion) trash like yours. Therefore, I am putting you on my LID list to reject anything that comes from you in the future.

Yes you are CONTROLLING. You are "protecting" hams from differing opinions. You are trying to play GOD. I doubt you are God. If you want to blind yourself that is one thing but why do you think hams need to be protected? They can easily NOT read what they do not want. How are you different from a Communist dictator?

AA0NN said:
One last thing my friend....You should read up on the FCC rules and regs. I am fully compliant with Part 97, as well as other sections.

I said you appeared to be in non compliance but in reading your packet address you are in full compliance. I wish I was back in Alaska. Life in the "outside" has its drawbacks. I miss the permenant fund. I miss the bush.

AA0NN said:
Hope you can become a happy person...obviously you're not one.

I am quite happy and has long as you can control you are as well.
Do you have a need to control the weakest of all people (hams) because your spouse has you in control?

Burt
k1oik@ccsnet.com

1869. Re: Why become a typical A/V Teacher?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <32262EF4.68A4@ccsnet.com>
Source record: 218023

Frank Sved wrote:
>
> Why would someone become a typical AV teacher? What is the point of
> teaching others things that they can in turn teach others. What a
> boreing, fat, ugly individual does it take?

Is the above supposed to make some sort of sense?

> Why would someone teach AV? Perhaps because to enter a forum where
> monologuing is not permitted is to challenging or threatening? Perhaps.

Makes no sense. False assumption.

Do you drink alcohol?

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	The less you say, the more people will remember
#================#===#
| k1oik@ccsnet.com |
#===#

http://www.qrz.com/cgi-bin/qrz_gifs?k1oik.gif

1870. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <505abc$fhj@abyss.West.Sun.COM>
Source record: 218024
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <Pine.BSI.3.93.960829174551.12390E-100000@cais3.cais.com>,
<zut@cais.com> wrote:

[... regarding incentive to learn CW ...]

>Don't tell me that "they'll learn it on their own." You know as well as I
>do almost nobody will just pick it up out of the blue and start learning
>it. There has to be some introduction and incentive to acquire the skill
>and qualifying for the license has worked just fine for 70-plus years and
>there's no good reason to stop.

Are you sure there aren't incentives to learn CW other than passing the
exam? I know several DXers that sweated the code so they could get
the real Dog-Xray. Even without a 20WPM requirement, they'd have to
get their speed up so the DX will work them.

>You see Bill, rather than trashing something another segment uses and
>enjoys, those of us who derive pleasure from operating CW want to share
>the fun and invite others to join us.

"Sharing the fun" is a little different than insisting other people
pass a CW exam. If you enjoy it, tell your friends. Your joy will be
apparent and they'll want to try it too.

>If I wanted to trash something, it would be that old and truly obsolete
>spectrum wasting 1920's technology that infests the VHF/UHF band: NBFM.
>Why not increase spectrum efficiency five-fold and mandate a change to
>ACSSB?

What *are* you talking about? Who is suggesting that CW (as a mode) be
trashed?

Be careful about starting down this slippery slope - there *are*
digital modes that make more efficient use of spectrum than CW. Suppose
I suggest that CW be trashed in favor Clover? ;-)

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

1871. Questionnaire: Please Help

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: DFS <dsellner@beachtech.com>
Message-ID: <01bb959c$ef62ffa0$0c2156c7@p120>
Source record: 218025
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,r

I'm a journalist conducting a survey of Internet telephony usage. Whether you use Internet telephony products or you've never heard of Internet telephony, I'd really appreciate it if you could take a few minutes to fill in a questionnaire.

It will be one of the first fully automated email surveys conducted on the internet. The survey will be processed automatically by EFORM, a new automated email processing application, produced by Beach Tech (http://www.beachtech.com, email: sales@beachtech.com). And no, I'm not a Beach Tech employee.

If you *don't* use Internet telephony, or have never heard of Internet telephony, please send a blank email to: IT_NONUSER@BEACHTECH.COM, and a survey, with instructions, will be mailed to you.

If you *do* use Internet telephony, send an email to: IT_USER@BEACHTECH.COM, and a survey, with instructions, will be emailed to you.

Please tell your friends and colleagues about this survey. Details about survey results are attached to the surveys.

Thanks

Alex Balfour
alex.balfour@pobox.com

1872. Gaithersburg (MD) Hamfest 8-Sep

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: eab@VOA.GOV
Message-ID: <DwxAuw.M12@VOA.GOV>
Source record: 218026

The Foundation for Amateur Radio, Inc., FAR (c)
Announces
the 39th Annual
FARFest (c)
(Gaithersburg [MD] Hamfest)

Sunday, September 8, 1996

Montgomery County Agricultural Center
(Gaithersburg, MD Fairgrounds)

> Exit 11 off I-270 at Gaithersburg, MD

> Feauturing: * New and Used Amateur Radio Equipment
* All Types of Electronic Equipment
* Computer Hardware and Software
* A Large Tailgating Area
* Special Event Station (W3PRL-AM) Demonstrating
Amplitude Modulation on 160, 75 and 40
meters
* Amateur Radio Exams Given by the Laurel (MD)
Amateur Radio Club (LARC) Volunteer Examiners

> Gates open at 6:00 AM
> Commercial Buildings open to the public at 8:00 AM
> General Admission $5.00
> Tailagte Spaces $15.00 (for 10 foot frontage)

> Talk-in on 146.955(-), 443.400(+) and 146.52 (simplex)

> Great Prizes - * A 2-meter Kenwood TH22-AT given away every hour
(Total of five)
* $500 in cash
* 1st Prize - Kenwood TS-870-S Digital All Band
HF Transceiver
* Lots more!

To reserve space, contact Mary Morris at +1-703-971-3905
or e-mail at 75363.2344@CompuServe.Com

For General Information, contact Al Brown at +1-301-490-3188
e-mail at Al_Brown@bops.voa.gov
or packet at WA3FYZ@WA3TAI.MD.USA.NOAM

GAITHERSBURG, MARYLAND IS THE ONLY PLACE TO BE SEPTEMBER 8TH!

1873. For SALE: Yaesu FT-747GX HF Transceiver +

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: "R. John Glackin" <jglackin@bev.net>
Message-ID: <32258FD0.11F1@bev.net>
Source record: 218027

For Sale to best offer:

Yaesu FT-747GX 200W HF Transceiver w/mic,docs,etc
Astron RS-35M 35 Amp Power Supply
Yaesu FIF 232C CAT Interface

All of it was taken out of the box, setup for a few days, and put back in the box a few years ago. It has been stored since then. I pulled it out the other day and decided I should sell it to someone who would use it. It is in mint condition and works perfectly with all original docs,boxes, etc. The whole thing originally cost just over $1000.

Would be great for a new or old Ham. Just add antenna!

John Glackin
jglackin@bev.net

1874. continental morse

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: Joesph Fenn <jfenn@spartacus.hula.net>
Message-ID: <Pine.OSF.3.93.960829151641.7351B-100000@spartacus.hula.net>
Source record: 218028

Does anyone know how to send "rj" in the old morse as used on railroads etc in the olden golden days?. It meant "qrx whilc I change to a relief operator". Later on long after continental morse had left the picture, the airlines cw operators were still saying "rj" in international morse meaning the same thing "sby while I change to a relief operator".
I cant figure out how "rj" would have any such meaning in international cw.
***** curious *****

1875. Re: Available 1 x2 & 2 x 1 Extra Class Calls

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: levine@mc.com
Message-ID: <504asj$18i@newsy.mc.com>
Source record: 218029

See my WWW site for available 1x2 & 2x1 calls. http://www.ultranet.com/~bob/

The data was generated with from QRZ data on the Jan 96 CDROM. I'll
update it to the Jun 96 CDROM when I pick one up soon. Dont forget
a call must have been vacated for 2 years before it can be reissued
under the vanity call program, so NEW vacated calls are useless
for the Sept opening of Gate 2 anyway.

Bob

--
/**
* Bob Levine *
* KD1GG/KB1BRM/VK2GYN/7J1AIS *
* Manager of Application Engineering *
* Mercury Computer Systems *
* --*
* Opinions expressed in this message are my own personal opinions *
* --*
* Personal Web Page http://www.ultranet.com/~bob/ *
**/

1876. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: John Nelson <johnn@pacifier.com>
Message-ID: <322656DA.1666@pacifier.com>
Source record: 218030
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Michael P. Deignan wrote:

> >As a "practical examination" related to amateur radio, CW prociciency is
> >unfit. It has nothing to do with radio operation, per se.
>
> If 38% of all HF amateurs operate CW, and CW continues to be a popular
> mode with foreign amateurs (ever wonder why all those "rare dx" stations
> always seem in the lower 25kc of the bands -- are they just "snobs" who
> only want to talk to "extras"? Why don't they move up to the general
> portion of the band?), then a CW proficieny test remains a logical and
> necessary "practical" examination.

Pay attention, won't you. It was suggested that, for lack of anything better (easy to implement in VE setting, etc.) CW was an adequate "practical examination" of radio operating expertise.

Again, CW has nothing to do with radio operation, per se. One may operate a station without CW. Period.

> >that operating a TCP/IP router is a good test. Both CAN be done via radio,
> >but neither IS radio operation.
>
> If you intend to operate TCP/IP on radio, then a practical examination with
> TCP/IP routers might be appropriate.

And if I don't want to operate TCP/IP on radio, then I DON'T have to demonstrate proficiency in its use. Fine, I can live with that. But you can NOT have it both ways, Michael. The same logic now applies to CW. If I'm not going to use it, I don't have to demonstrate proficiency in it.

1877. amp schematic

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: robtrobn@ix.netcom.com
Message-ID: <504e17$lsg@sjx-ixn6.ix.netcom.com>
Source record: 218031

Howdy again. Anyone seen a downloadable schematic for an HF amp?

Robert Lewis
N5ODJ

1878. Re: Whatever happened to AC-SSB ??

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: burt lang <burt@rocler.qc.ca>
Message-ID: <3225E81B.1F9F@rocler.qc.ca>
Source record: 218032
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

Isn't AC-SSB the mode now used commercially in the new 220-222
commercial land mobile band?

Burt

1879. IPS Daily Report - 29 August 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <50584u$csu@flare.syd.ips.oz.au>
Source record: 218033
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 29/2330Z AUGUST 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 29 AUGUST AND FORECAST FOR 30 AUGUST - 01 SEPTEMBER

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 74/11

GOES satellite data for 28 Aug
Daily Proton Fluence >1 MeV: 7.0E+05
Daily Proton Fluence >10 MeV: 1.7E+04
Daily Electron Fluence >2 MeV: 1.9E+08 (moderate)
X-ray background: A6.9
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
30 Aug 31 Aug 01 Sep
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 30 Aug: 75/13

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Active to minor storm

Estimated Indices : A K Observed A Index 28 Aug
Learmonth 24 4454 4332
Fredericksburg 23 17
Planetary 30 14

Observed Kp for 28 Aug: 3333 3343

2B. MAGNETIC FORECAST
Date Ap Conditions
30 Aug 18 Active
31 Aug 13 Unsettled
01 Sep 10 Quiet to unsettled
COMMENT: IPS Geomagnetic Warning 9 was issued on 26 August and
is current for interval 26-30 August. Geomagnetic activity on
29 August believed to be in association with solar coronal hole.
Active levels expected for today then declining.

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band
Date Low Middle High
29 Aug Normal Normal-fair Fair
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
30 Aug Normal Fair Poor
31 Aug Normal Normal Fair
01 Sep Normal Normal Fair
COMMENT: Degraded high latitude HF comms expected 30 August.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
29 Aug 27

Observed Australian Regional MUFs:
Darwin and Townsville: enhanced by up to 30% local night hours.
Near predicted monthly values during local day.
Sydney : enhanced 15-20% 03-10UT, near predicted monthly values
at other times.
Hobart: near predicted monthly values.

Predicted Monthly T index for August: 9

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
30 Aug 10 near predicted monthly values
31 Aug 10 near predicted monthly values
01 Sep 10 near predicted monthly values
COMMENT: Ionosphere did not become depressed following geomagnetic
disturbance observed overnight. HF conditions are expected to
be fair to poor early on 30 August, slowly improving by the end
of the day.
--
IPS Radio and Space Services | email: rwc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/rwc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/rwc/
tel: +61 2 94148300 | fax: +61 2 94148331

1880. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: armond@delphi.com
Message-ID: <JFJRil8.armond@delphi.com>
Source record: 218034

Michael P. Deignan <kd1hz@anomaly.ideamation.com> writes:

>The ARRL is a life-support system for a bunch of people so they don't
>have to go get real jobs. I believe their motivation is one thing, and
>one thing only: money. The no-code VHF license was a money-making
>opportunity in more than one way (more subscribers, more item sales, etc.)

There are very few at the ARRL who could not walk out tomorrow and make far more money, as many of them do. I would say there have been real sacrifices made so they could work with Amateur Radio. (2.) The No-Code was not a money maker for anybody. They did not buy equipment, the did NOT join the ARRL or subscribe to any other ham mags. (Rare exceptions, of course, but VERY rare.)

1881. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: armond@delphi.com
Message-ID: <JnJQiKx.armond@delphi.com>
Source record: 218035

<carl@ais.net> writes:

>Actually, I think it's time for someone to organize an alternative
>national organization to gather member views, formulate ideas for the
>future of ham radio, and present input to the FCC that is more
>accurately representative of the views and desires of the true majority
>of hams (and even, perhaps as a separate category, an encouraged
>participation by currently-non-ham wannabes).
>
>Maybe I'll float the proposal here on the net ... what do you think?

Mexico has two ham groups. It is very confusing to the federal govt. For years one group did not want US hams going down and operating fromn there. The other group felt it was OK......that was why for manyyears there was no recip w/ Mexico....Two orgs here would be devisive. Why shoul ham wannabees have a voice?

1882. Re: Saturn Owners

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: Tom C <tomc@tiac.net>
Message-ID: <32268A8D.3B73@tiac.net>
Source record: 218036

Philip Carter wrote:
>
> I have a 1996 Saturn SL2 automatic. I have recently installed a 1/4 wl
> antenna for 2m on the trunklid (center) and have noticed a radiated noise
> problem, on 146.52 and other freqs.
>
> The noise appears when the engine is running. It disappears about 3 or 4
> seconds AFTER the engine is shut off. It does not appear to be the fuel
> pump, as I can hear it fire up before I crank the engine, and the noise
> does not appear untill after the engine is physically running.
>
> Any ideas? What would be still operating after the engine is shut off.
> It isn't the engine fan, as it wasn't on at that time.
>
> The noise is not present in the acc position or without the engine being
> started, so I have ruled out such things as the ABS or airbag system.
>
> TIA
> Phil
>
> --
> NRE/COLE Test Center OH-3
> pcarter@freenet.columbus.oh.us
> Philip L. Carter, WD8QWR
> wd8qwr@w8cqk.#cmh.oh.usa.naI have a similar problem with a 1988 Isuzu Trooper. I believe it is the
computer which runs the engine. The noise is noted on 146.970 Mhz and
can be hear several meters away from the vehicle. I did find that the
level of the noise was greatly reduced by placing the antenna on the
roof.

Good luck Tom/WA1NVS

1883. Re: Request for info on power inverter

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug29.123012.9207@ke4zv.atl.ga.us>
Source record: 218037
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

In article <96241.152536JLINETT@bmc.com> <JLINETT@bmc.com> writes:
>
>I would like to build a power inverter for mobile use. I would like
>to be able to convert 12v DC to 120 vac at around 2500 watts output.
>Although I have some experience designing and building regulated DC
>supplies, I am not familiar with inverters.

How are you with batteries? That's about 220 amperes of current
you're talking about pulling from a 12 volt source. A standard
auto battery will last about 30 seconds at that draw. You're going
to need a *serious* alternator on the engine to keep up with that
demand (the stock alternator is 50-65 amps max). Neville makes
a big enough alternator, but it would be cheaper to get a 120 VAC
alternator instead. The copper losses would be much less. The trick
would be holding the engine RPM right to make 60 Hz. In mobile use,
you really need an auxillary engine to do that right. Onan makes
RV generators in that power range.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1884. Re: Icom R-7000

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug29.130704.9463@ke4zv.atl.ga.us>
Source record: 218038

In article <32228DBD.334A@Skypoint.com> Tom Kutz <tkutz@Skypoint.com> writes:
>I have an Icom R-7000 that I don't think works above 1 Ghz.
>I thought that I should be able to hear the GPS signals on
>1575.42 Mhz. I can't hear anything. In fact I never hear any
>signals above 1 Ghz. Works fine below.

Forget about hearing the GPS constellation, Tom. They use spread
spectrum, and the R-7000 will be completely useless for receiving
that. (There's no despread correlator, so the energy you receive
in any bandwidth will be below the noise floor.)

To check if your radio is working, however, just listen for the
3rd harmonic of your 70 cm HT. That should be loud and clear when
you're next to the receiver. It'll only be 60-80 db down from the
fundamental. Remember that deviation multiplies too, so you'll be
listening for a signal with 15 kHz deviation.

If you can't hear that, then you've got receiver problems. The
R-7000 has relay bandswitching, and the relays do get cruddy.
Changing bands several times back and forth tends to clean them
a bit, at least temporarily.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1885. Re: Modern digital versus SSB and Morse (was Re: Commercial CW use)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: Don Huff <donh@vcd.hp.com>
Message-ID: <3225F27C.3822@vcd.hp.com>
Source record: 218039
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

<Excerpted>:
> "I'm sure the pervious statements are correct ... however, typing in
> real time is not the point".

Wrong. It is the point exactly. REAL-TIME interpersonal communication requires real-time typing (or keying). Buffering up stuff to send in a burst is not real time QSOing. I have run into AM/PACTOR operators who apparently like to just push buttons, and send 'canned' files, give canned responses to questions never asked, include everything but the kitchen sink in "my station is" canned files, AD NAUSEUM. BORING. These seem to be the ops who want to use the "high speed capability" of the "digital modes" (overused word these days). OOK CW is the original "digital mode", and RTTY, another digital (ie, binary keyed) mode have been with us for several decades now. Often, the operator's typing ability limits him to speeds less than 5 wpm! They are attempting to ragchew on the wrong mode. If unable to communicate at a reasonable rate (give the other guy a break, he doesn't have all night), on keyboard or on CW, then stick to 'phone operation, where all you need to do is push a button and speak. Or, (heavens to Betsy!), work on operator skills (typing or CW proficiency) required for the mode of choice. You don't get there by just spending money on equipment; you have to develop operator skills needed to use it effectively!

Bandwidth comparisons of CW to modes often do not take into account the well-known ability of a skilled human operator to decode signals separated by only a few Hz in frequency, and different in amplitude by many dB (including negative sig/noise ratios less than unity). CW ops, especially DXers, do this often.

Ragchewing for me is to engage in extemporaneous conversation as one would on duplex voice or QSK CW. Kick ideas and thoughts back and forth, etc. In other words, talk to a real live human operator on the other end, real time.

1886. Re: Amateur Radio Newsline Financial problems

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: "Stephan M. Anderman" <sanderman@delphi.com>
Message-ID: <JLKxag0.sanderman@delphi.com>
Source record: 218040

Why would you expect the ARRL to favor financially one amateur radio news service over another?

It's amazing it takes so much money to do these things. However, I should point out that our service "This Week in Amateur Radio" provides 50 minutes of amateur radio news and features each week (compared to Newsline's 18 minutes) on a budget of under $100.00 per month! The difference? We deliver our service via satellite. And internet distribution is in the offing! Because of the time frame in which we produce our service, we are often able to beat reportage in Newsline by as much as up to two weeks. Ask our affiliates...!

Just my two cents worth!

73 de Stephan Anderman, WA3RKB
Executive Producer - "This Week in Amateur Radio"
sanderman@delphi.com
518/664-6809

1887. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: armond@delphi.com
Message-ID: <JIDS605.armond@delphi.com>
Source record: 218041

david l. thompson <thompson@atl.mindspring.com> writes:

>My own view is that there are about 200,000 active hams out of the

You are probably quite correct on 200k hams active. And you say ARRL has 50% of that. However, ARRL membership, (I think) is about 175,000. Which would be around 85% of active hams......Pretty Good!

1888. Re: Saturn Owners

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <5043ph$sps@freenet-news.carleton.ca>
Source record: 218042

Steve Wolf (no8m@apk.net) writes:
>> I have no idea what it could be here, but I would be careful before
>> ruling
>> out such things as ABS. I own a 96 Chevy S-10, and the manual says that
>
> Matt's note is valid. However, I don't have ABS and I have the noise.
> That will clinch that system.
>
> --
> 73,
> Steve
> Internet: no8m@apk.net
> Amateur Radio: no8m@no8m.#neoh.oh.usa.na
> MSYS Mail List: msys-request@hamnet.org ('info' for title)

CQ has an interesting article this month on engine noise. They say that
many cars are made up of "composite material" (Garbage) and lack a good
gnd plane. That's #1.

#2, check your exhaust system for proper grounding. Lots of time they are
hung from rubber dampners and the only contact is thru the exhaust
manifold donut. Highly resistive. mine is at 226,000 ohms. Put a gnd
strap on it.

Just a few thoughts, this guy said his noise went down from S7 to S2.

bye for now.

--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

1889. Need Plans for Discone

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: 104470, 3311 <104470.3311@CompuServe.COM>
Message-ID: <5050l0$fh4$1@mhadf.production.compuserve.com>
Source record: 218043
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Anyone have plans to build a discone?

Does the ARRL Antenna Manual have plans?

Thanks

1890. HELP: Antenna Tuner Design Needed

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: Michael Neidich <neidich@hooked.net>
Message-ID: <32267297.3772@hooked.net>
Source record: 218044
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.radio.cb,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Need a schematic/parts list to build a receiving antenna
tuner/preselector 10-25 MHz, mostly to reject interfering out of band
signals. Point me in the right direction if there is a good commercial
unit, please.
Mike

1891. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <504j4r$k33@lehi.kuentos.guam.net>
Source record: 218045
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

carl@ais.net wrote:

>Jim,

>I could if I wanted to, but I don't ('cause I don't want to).
>Also, I presently live in an apartment complex, and HF antennae would be
>difficult (but not an insurmountable obstacle ... just not worth the
>hassle for 40m CW). My interests lean more towards design and expermentation
>(both professionally and as a ham), not towards the olde-fashioned (I'm
>not interested in collecting antique radios with tubes, either) .

>I HAVE operated CW in the novice/tech bands, but found it boring and
>unsatisfying, even when I could copy nearly 20 wpm in my head (my first
>callsign was WT6NAB, an STA issued in 1975 for 6 months, then renewed
>for 6 months more as the FCC tried to resolve a SNAFU that lost my
>paperwork for an extended period of time) ... worked a lot of
>extra-class prefix hunters on 40cw, I did ...

>Does that answer your question to your satisfaction?

Yes. Very good explanation. Thank you.

Hafa Adai,
Jim KH2D

1892. Re: Lightning Protection

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <504j7a$k34@lehi.kuentos.guam.net>
Source record: 218046

Harry Clinton <ni4p1@hcc-uky.campus.mci.net> wrote:

>Lightning protection information for antennas, towers and masts.
>E-mail postal address you would like info mailed.

Thanks anyway. I have all the lightning protection I need. My wife goes to mass every Sunday.

73, Jim KH2D

1893. Newsgroup Question

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <504j63$k34@lehi.kuentos.guam.net>
Source record: 218047
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Are 'rec.radio.amateur.misc' and 'rec.radio.amateur.policy' two different newsgroups, or are they just two different names for the same newsgroup ?

Reason I ask is it seems everytime I download, I get the same thing in both groups. Is my newsreader screwed up or what ?

Hafa Adai,
Jim KH2D

1894. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: zut@cais.com
Message-ID: <Pine.BSI.3.93.960829174551.12390E-100000@cais3.cais.com>
Source record: 218048
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

On Tue, 27 Aug 1996, Bill Sohl wrote:

> zut@cais.com wrote:
>
> >On Tue, 27 Aug 1996, Bill Sohl wrote:
>
> >> Mere use of CW by some percent of hams no longer
> >> constitutes a valid reason to mandateall hams on
> >> HF must learn that mode.
>
> >In QST, October 1995, Vol. 79, No. 10, page 9, it says,
>
> >"From surveys, we know that 48% of the ARRL members in the United States
> >already have access to the Internet, either directly or via an on-line
> >service. Comparing this figure to the popularity of the various
> >over-the-air communications modes, it would rank behind FM (79% of active
> >ARRL members use it), SSB (also 79%), and CW (54%) - but ahead of packet
> >(40%) and far ahead of any other mode."
>
> >That "some percent" is pretty high Bill. There are more ARRL members
> >operating CW than there are on the Internet and CW's popularity ranks
> >third only after SSB and FM.
>
> That some percent is not mean that 54% of all QSOs are CW as anyone
> can see. If someone made one CW QSO a year they'd answer
> in the affirmative. All the above states is that slightly more than
> 1/2 of ACTIVE ARRL members operate some degree of CW.
> In any case, it alone still doesn't serve as hjustification to mandate
> that anyone needs to learn CW. If someone wants to hold CW
> QSOs, they'll learn it on their own without the forced requirement.

Anyone who has watched a WW2 era film or a cop movie knows how to push a
PTT button and talk. That's what I wanted when I was first attracted to
Amateur Radio and I think that about 98% of those operating CW today will
say the same. I had no interest in CW until I had to qualify for my exam,
but once introduced, I found it to be good fun and exceptionally useful,
particularly since, using today's PC term, I was economically
disadvantaged. (I'll leave off the part about being also being able to
get away of the sourpusses on 75 meters as I don't want to offend anyone.
<g>)

Don't tell me that "they'll learn it on their own." You know as well as I
do almost nobody will just pick it up out of the blue and start learning
it. There has to be some introduction and incentive to acquire the skill

and qualifying for the license has worked just fine for 70-plus years and there's no good reason to stop.

You see Bill, rather than trashing something another segment uses and enjoys, those of us who derive pleasure from operating CW want to share the fun and invite others to join us.

If I wanted to trash something, it would be that old and truly obsolete spectrum wasting 1920's technology that infests the VHF/UHF band: NBFM. Why not increase spectrum efficiency five-fold and mandate a change to ACSSB?

73,
Tony Stalls, K4KYO

1895. Dana to Gary's rescue (Was: Beating dead horses (was WARC bands))

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <503k50$3it@news.Hawaii.Edu>
Source record: 218049
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Dana Myers <myers@West.Sun.COM> wrote:
>Jeffrey Herman <jherman@Hawaii.Edu> wrote:
>>Dana Myers <myers@West.Sun.COM> wrote:
>>>Jeffrey Herman <jherman@Hawaii.Edu> wrote:
>>>>Gary Coffman <gary@ke4zv.atl.ga.us> wrote:

>>>>>Ok, the so-called WARC bands are open to General Class and
>>>>>above. Here's the mode breakdown.
>>>>>
>>>>>30m 10.1-10.15 MHz RTTY/data

>>>>I know you feel a disgust towards CW, but intentionally leaving
>>>>it out as a 30M mode is rather silly. "Data" does not include
>>>>CW as outlined in the ARRL Handbook: "Data, telemetry and telecommand
>>>>are identified by D as the third symbol of the emission designator..."
>>>>The emission symbol for Morse is A1A, not A1D.

>>>I guess, Jeff, the fact that CW is allowed on all amateur
>>>allocations doesn't matter to you? I mean, there are
>>>*no* frequencies where CW is prohibited, so there's
>>>no need to explicitly mention it is allowed.

>>Hi Dana,
>>Then why list any mode at all? Surely if one were to know that CW is
>>permitted on 30M they would then know that RTTY and data are permitted, too.

>That's not true. CW is explicitly permitted on all amateur frequencies;
>all other modes are limited to certain sub-bands in Part 97.

Slow down, Dana, and reread what I wrote. If one knows that CW is permitted
on 30M, then why wouldn't one also know that RTTY and data are permitted, too?
Is the person selectively reading just various parts of the rules?

>>The person who posted the original query mentioned he felt as if he'd
>>woken up from a "deep sleep" regarding the WARC bands; if he doesn't see
>>CW listed above then just maybe he might get the impression that CW
>>is not allowed. (A point in favor of Gary's post is that he did mention
>>that there were no CW sub-bands, but why save that for the small print
>>at the bottom?)

>Good grief, with all the interesting things that we can discuss, you're
>crticizing Gary for answering a question. Believe it or not, Gary
>was elmering someone. Believe it or not, Gary *did not* make any
>kind of comment regarding the use if CW. Believe it or not, you're
>criticizing Gary because he didn't answer the question the way you
>would have. Maybe you'll succeed in discouraging Gary from

>ever answering any more questions at all. Is that what you want
>to do?

Not a bad idea, given his screwy opinions of code causing brain damage,
and highway speed limits being too low. An important trait of a good
Elmer is being unbiased. Gary fails in that area. I feel his answer
was biased - you don't. I've disagreed with you and him in the past
and as sure as the sun will rise at 0614 HST tomorrow we'll continue
into the future.

>>All the HF spectrum charts I've even seen have included CW - with your
>>reasoning they shouldn't.
>>How did you originally discover that CW was allowed everywhere on HF?
>>Again, with your reasoning that fact should not appear in print since you
>>feel it is a given and everyone is born knowing it.

>This isn't my reasoning at all. I read Part 97 to learn what the
>authorized emissions are. Guess what, Jeff - the FCC table of
>authorized emissions in Part 97.305(c) *doesn't mention CW either*.
>The chart looks just like the chart Gary supplied. Let me
>repeat that - the FCC's own chart doesn't mention CW (don't be
>confused by the mention of MCW - you *do* know what this is, don't
>you?).
>
>You see, 97.305(a), not part of the chart, explicitly allows CW on
>all amateur frequencies.

Subparagraph (a) comes before subparagraph (c); the reader is told
first that CW is allowed everywhere, then the chart is presented.
If Gary had done that we'd have saved some disk space.

MCW? I used that daily for 3 years on 500 kHz. It's a beautiful sound
when heard through the BFO. Wide as hell, though. Sure got everyone's
attention in the Pacific when I'd key up the 10 kW transmitter. Eat
your heart out that I actually received a paycheck for pounding CW.

>You and Gary may have differences over the CW requirement, but this
>effort to criticize him is beyond belief. Have you brushed on the
>Amateur's Code lately?

Netnews isn't amateur radio. And I don't have to be nice to those who are
attempting to ruin the service by suggesting the code tests be deleted.

>Where'd you get your DoD number from?

I made it up - it's supposed to be A1A (get it?).

>True or false: shafties don't countersteer.

I've never owned a shaft-driven motorcycle - that's heresy. But I imagine
they *would* countersteer.

Jeff KH2PZ

1896. Re: THe THe The THe

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: Monty Wilson <mwilson@bangate.compaq.com>
Message-ID: <Dwx0Bz.ExG@twisto.eng.hou.compaq.com>
Source record: 218050
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Burt Fisher <k1oik@ccsnet.com> wrote:
> Frequently I hear hams say, THE name HERE is...
> why...?

Interesting. Yes I do notice that speech patterns on the
air are frequently different from what you'd hear in person.
In CW or digital modes, of course, it must be this way
because it is a manner of communicating which is in-between
printed and spoken forms, and also because we tend to
abbreviate things for efficiency.

As to voice modes, I wonder if some of our habits have
evolved from our CW habits, and of those who came before us.
For example, after hearing

R R TNX CALL UR 579 579 IN GLENDALE, NAME ROBERT -- HW? DE N6AUX K

I might send

OK ROBERT, N6AUX DE WB5NVM -- UR ALSO 579 NR HOUSTON --
NAME HR MONTY ES JUST SWITCHED ON ES HEARING VK2 ES ZL
TODAY -- WHATS GG ON UR END? DE WB5NVM <ar>

In CW, we use some techniques which allow us mentally to keep
the multiple threads of conversation going. Notice that even
though I abbreviate profusely, I use the extra bandwidth to
drop in ALSO before the signal report. This does a couple of
things; it allows me to acknowledge his transmission of my
signal report, and it "refers back" to it: It says "I understand
that my signal report is 579 and yours is 579 as well." Now I
tell him my name. Here is where I drop in the "HR." I'm saying,
in effect, "I understand your name is Robert; the name here is
Monty." 'Here' as contrasted with the information I just heard
coming from the other end of the contact.

In voice, I would expect "here" to be used only if a single
thread were being followed:

"My name's Monty; Mike, Oscar, November, Tango, Yankee; Monty is
my name, what's going on in Nashville? Over."
"OK Monty, hearing you just fine. The name here is Julie and
I've just been working on my SSTV interface...."

Julie is acknowledging my name and giving me her own. Yes, she
could have just said "My name is Julie," you are correct. But
I don't see a major difference. On SSB you're also likely to

hear "the rig here," "the weather here," or "the antenna here." Likewise, the rig and antenna could just as easily be described as "my rig" and "my antenna" although one does not normally own the weather. But you are much more likely to hear the HR on CW which leads me to believe that's mainly where it came from.

What about "the name on this end"? You hear that a lot too.

And while the subject is being discussed, I'd like to know about guys who say "we" when they mean "I." This gets on my nerves more than the thought of someone eschewing ownership of his own name. "We had to go to the dentist yesterday..." sounds like some sort of odd problem where the whole family had to go at the same time. But even when I hear this, I'd rather not dwell on it; I'm interested in radio as a means of meeting and visiting with people and chatting about technical matters, not to teach the world about language. But sometimes it's so tempting to ask for clarification: "you said Y'ALL went to the dentist; did the whole family come along?"

73

--
.........Monty.
mwilson@flex.net

1897. Re: Saturn Owners

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: Ron Reder <ronald.reder@wang.com>
Message-ID: <3225D6FF.6776@wang.com>
Source record: 218051

I ran across a similar problem with my 89 Honda Accord - noise that lasted for a while after I turned off the engine. It turned out to be caused by a small computer located under the entertainment radio. Among other things, this box lighted up the ignition switch for 10 seconds after the door was opened so you could find the switch in the dark. That little, unshielded computer was very dirty at VHF. Some bypass capacitors helped somewhat.

Best of luck, Ron KA1KCU

1898. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <504smq$7gb@anomaly.ideamation.com>
Source record: 218052
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <3225E2D5.1955@pacifier.com>,
John Nelson <johnn@pacifier.com> wrote:

>As a "practical examination" related to amateur radio, CW prociciency is
>unfit. It has nothing to do with radio operation, per se.

If 38% of all HF amateurs operate CW, and CW continues to be a popular mode with foreign amateurs (ever wonder why all those "rare dx" stations always seem in the lower 25kc of the bands -- are they just "snobs" who only want to talk to "extras"? Why don't they move up to the general portion of the band?), then a CW proficieny test remains a logical and necessary "practical" examination.

I also support the concept of a "endorsement" system where people who want to operate other modes on HF/VHF need to demonstrate operational proficiency at those modes too. However, I realize that this is unreasonable for 1) meeting the test requirements I previously outlined, and 2) it will cause more and more people to whine about "jumping through hoops".

>Indeed, Morse can
>be communicated without any RF activity whatsoever. Arguing that it is
>related to amateur radio and is therefore a good test is as absurd as arguing
>that operating a TCP/IP router is a good test. Both CAN be done via radio,
>but neither IS radio operation.

If you intend to operate TCP/IP on radio, then a practical examination with TCP/IP routers might be appropriate.

Many aspects of amateur radio have relevance in other parts of our every day lives. That neither makes them relevant nor irrelevant to amateur radio. The merits of each within the scope of the discussion -- radio -- is what is important.

MD
--
--
-- "I have more guns than I need, and less guns than I want." -- Phil Graam
--
-- If you don't like my opinions, that's just too damn bad.

1899. Re: Dana to Gary's rescue (Was: Beating dead horses (was WARC bands))

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <5053dj$dud@abyss.West.Sun.COM>
Source record: 218053
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <503k50$3it@news.Hawaii.Edu>,
Jeffrey Herman <jherman@Hawaii.Edu> wrote:
>Dana Myers <myers@West.Sun.COM> wrote:
>
>Slow down, Dana, and reread what I wrote. If one knows that CW is permitted
>on 30M, then why wouldn't one also know that RTTY and data are permitted, too?
>Is the person selectively reading just various parts of the rules?

It has been true for a long time that CW is allowed on all amateur
allocations. If you tell someone "30m RTTY/Data 10.100-10.150", they
can safely assume CW is allowed from 10.100-10.150. Be serious.

>>Good grief, with all the interesting things that we can discuss, you're
>>crticizing Gary for answering a question. Believe it or not, Gary
>>was elmering someone. Believe it or not, Gary *did not* make any
>>kind of comment regarding the use if CW. Believe it or not, you're
>>criticizing Gary because he didn't answer the question the way you
>>would have. Maybe you'll succeed in discouraging Gary from
>>ever answering any more questions at all. Is that what you want
>>to do?
>
>Not a bad idea, given his screwy opinions of code causing brain damage,
>and highway speed limits being too low. An important trait of a good
>Elmer is being unbiased. Gary fails in that area. I feel his answer
>was biased - you don't. I've disagreed with you and him in the past
>and as sure as the sun will rise at 0614 HST tomorrow we'll continue
>into the future.

I think your attack on Gary was clearly based on your own bias, which
seems to make you a poor Elmer, too.

[...]

>MCW? I used that daily for 3 years on 500 kHz. It's a beautiful sound
>when heard through the BFO. Wide as hell, though. Sure got everyone's
>attention in the Pacific when I'd key up the 10 kW transmitter. Eat
>your heart out that I actually received a paycheck for pounding CW.

Um, am I supposed to envy you for being payed to operate CW? I rather
like being payed to design and develop software myself.

>>You and Gary may have differences over the CW requirement, but this
>>effort to criticize him is beyond belief. Have you brushed on the
>>Amateur's Code lately?
>

>Netnews isn't amateur radio. And I don't have to be nice to those who are
>attempting to ruin the service by suggesting the code tests be deleted.

You know, I find it amusing when people defend their poor behavior with
"netnews isn't amateur radio". That's a pathetic excuse for pathetic
behavior. If you want to be a dolt on the Usenet, hey, that's your
right, but you can personally improve the Usenet by setting higher
standard than that. As far as me attempting to ruin amateur radio, that's
pathetic rubbish, too. Sure, I want to see amateur radio change - mostly
I'd like to see it become more technical and cerebral - but I certainly
don't want to ruin it. Whether you agree or not, it certainly isn't
a good reason for you to be less than civil.

>>Where'd you get your DoD number from?
>
>I made it up - it's supposed to be A1A (get it?).

Well, I got my DoD from the proper source: the Keeper of the List (KotL).
You've got a phoney number (though N0N might be more appropriate for you).

>>True or false: shafties don't countersteer.
>
>I've never owned a shaft-driven motorcycle - that's heresy. But I imagine
>they *would* countersteer.

I prefer chain to shaft myself, but I've owned both. Maybe you should
ask on rec.motorcycles about shafties and countersteering....

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

1900. Beating dead horses (was Re: Questions about WARC bands)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <502nj7$sbr@abyss.West.Sun.COM>
Source record: 218085
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <5029pn$npa@news.Hawaii.Edu>,
Jeffrey Herman <jherman@Hawaii.Edu> wrote:
>Dana Myers <myers@West.Sun.COM> wrote:
>>Jeffrey Herman <jherman@Hawaii.Edu> wrote:
>>>Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>
>>>>Ok, the so-called WARC bands are open to General Class and
>>>>above. Here's the mode breakdown.
>>>>
>>>>30m 10.1-10.15 MHz RTTY/data
>
>>>I know you feel a disgust towards CW, but intentionally leaving
>>>it out as a 30M mode is rather silly. "Data" does not include
>>>CW as outlined in the ARRL Handbook: "Data, telemetry and telecommand
>>>are identified by D as the third symbol of the emission designator..."
>>>The emission symbol for Morse is A1A, not A1D.
>
>>I guess, Jeff, the fact that CW is allowed on all amateur
>>allocations doesn't matter to you? I mean, there are
>>*no* frequencies where CW is prohibited, so there's
>>no need to explicitly mention it is allowed.
>
>Hi Dana,
>Then why list any mode at all? Surely if one were to know that CW is
>permitted on 30M they would then know that RTTY and data are permitted, too.

That's not true. CW is explicitly permitted on all amateur frequencies;
all other modes are limited to certain sub-bands in Part 97.

>The person who posted the original query mentioned he felt as if he'd
>woken up from a "deep sleep" regarding the WARC bands; if he doesn't see
>CW listed above then just maybe he might get the impression that CW
>is not allowed. (A point in favor of Gary's post is that he did mention
>that there were no CW sub-bands, but why save that for the small print
>at the bottom?)

Good grief, with all the interesting things that we can discuss, you're
crticizing Gary for answering a question. Believe it or not, Gary
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criticizing Gary because he didn't answer the question the way you
would have. Maybe you'll succeed in discouraging Gary from
ever answering any more questions at all. Is that what you want
to do?

>All the HF spectrum charts I've even seen have included CW - with your
>reasoning they shouldn't.
>
>How did you originally discover that CW was allowed everywhere on HF?
>Again, with your reasoning that fact should not appear in print since you
>feel it is a given and everyone is born knowing it.

This isn't my reasoning at all. I read Part 97 to learn what the
authorized emissions are. Guess what, Jeff - the FCC table of
authorized emissions in Part 97.305(c) *doesn't mention CW either*.
The chart looks just like the chart Gary supplied. Let me
repeat that - the FCC's own chart doesn't mention CW (don't be
confused by the mention of MCW - you *do* know what this is, don't
you?).

You see, 97.305(a), not part of the chart, explicitly allows CW on
all amateur frequencies.

You and Gary may have differences over the CW requirement, but this
effort to criticize him is beyond belief. Have you brushed on the
Amateur's Code lately?

>Jeff KH2PZ
>DoD #1A

Where'd you get your DoD number from? Do you even know what the
DoD is? True or false: shafties don't countersteer.
--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

1901. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: Cliff-s <Cliff-s@worldnet.att.net>
Message-ID: <01bb954b$442b6100$44a4eea5@Pop3.worldnet.att.net>
Source record: 218086
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Jerry B. Altzman <jbaltz@news.cs.columbia.edu> wrote in article
<5022l9$9lu@play.cs.columbia.edu>...
> In article <501o8k$4fi@nnrp1.news.primenet.com>,
> Rob Neff <n7ory@primenet.com> wrote:
> >jbaltz@news.cs.columbia.edu (Jerry B. Altzman) wrote:
> >>In article <4vv6h2$jp0@nnrp1.news.primenet.com>,
> >>Rob Neff <n7ory@primenet.com> wrote:
> >>>With radios Gary, there are no bullets, no blunt force trauma, no
> >>>observable means of harm what-so-ever at amateur levels, other than
> >>>possible rf burns. So, what part of prove it do you not understand?
> >>Umm..Rob, come over here. I have this 1000 W microwave transmitter.
Would
> >>you like to stand in front of the dish when I transmit?
> >Re-read the post Jerry. I'm sure you'll notice the line that says
> >"other than possible rf burns."
>
> 1000 W of microwave energy isn't "rf burns" -- that's "tissue heating".
The
> chicken that I pop into the microwave oven to warm isn't rf burned hot,
is
> it?
>
> RF burns are what you get when you grab onto someone's antenna when
they're
> transmitting.
>
> >Rob Neff (N7ORY)
>
> //jbaltz
> --
> jerry b. altzman Entropy just isn't what it used to be +1 212 650
5617
> jbaltz@cs.columbia.edu jbaltz@scisun.sci.ccny.cuny.edu
KE3ML
>
Rob:
Exactly, RF burns are what you get when you touch an antenna
or feedline and the Arc burns your fingers. Any of us who have been
around Ham Radio for a number of years wear these small white
scars. This is a real hazard.

The Microwave oven is quite another story. It heats from the center outward which makes it desirable for heating food(hate those cold centers). Anyone who has used a Microwave oven is well aware of how different tissue, bone and liquid absorb the energy at very different rates. Remember to "rotate your plate " the box says to insure even heating. Some materials seem uneffected by the microwave energy.

The Microwave oven by nature operates in the Near Field. The Near Field has hot and cold spots(that why many MW ovens have rotating tables). Actually the Microwave oven is good illustration of the problems measuring Field intensities in the Near Field and the great variation of strengths at different distances. RF is RF only the wavelength varies. What is interesting
is that the specs for exposure are different for your hands, feet, wrists and ankles(20 W/Kg vs 8 W/Kg for the rest of the body). The chicken leg I heated in the MW the other night was just as warm as the breast.

As it is obvious we all are need of some good objective science on this issue. These facts are known, if your are exposed to an intense enough RF field there will be heating of the tissue, if the tissue is heated
to high enough temperature it will burn. How much heating that will be tolerated before damage has not been determined. We get heated every hour of every day by infared radiation and this is thought to be RF. We know
we cannot live without this radiation(at least we would be very cold). We live in a Paradox, some think we should live without RF radiation, but again we know without this radiation we would not exist.

Cliff, W7VVA

1902. Re: Mirage vhf & uhf amps

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: s-1031@iglou.com
Message-ID: <Dwvqq4.H62@iglou.com>
Source record: 218087

In <1996Aug20.181142.16160@cronkite.res.utc.com>, Jim Burke <burkejd@ifc.hsd.utc.com> writes:
>Any one purchased a Mirage vhf/uhf amp for an ht. Pro's & cons
>greatly appreciated.
>
>Thanks in advance.
I bought one about 6 months ago and still have it.
Pros: Will work in duplex mode. Does not require much drive to produce full output power. Lower price and higher power output than the RF Concepts vhf/uhf amp.
Cons: No automatic protection against high SWR.

73

* John Vause KF4ERV jdv@iglou.com Powered by OS/2 Warp. *
* Defenselessness is a crime which generates it's own punishment. *
* The four boxes of Freedom: Soap, Ballot, Jury, and Ammo. *
* Those who trade Freedom for Security have neither. - B. Franklin *

1903. Re: Amateur Radio Newsline Financial problems

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <5033kv$oeq@cc.iu.net>
Source record: 218088

In <32246E82.35D0@merlin.libelle.com>, Dick Flanagan <dick@merlin.libelle.com> writes:
>LHC007 wrote:
>> Since becoming a Ham I have also been a member and supporter of the ARRL.
>> The Newsline seems to me to be just the kind of Amatuer community service
>> that I would exepct the ARRL to recognize and actively support.

the arrl has it's own "newsletter". originally, the newsletter was the "HR Report"
from Ham Radio Magazine..various changes occur and it's the Westlink Report.
that finally ceased publication some time ago. the amateur radio newsline was
started as a local bulletin announcement similar to the bulletins from W1AW and
has moved into the phone distribution and electronic distribution you see today.

in any case, the ARRL is in competition with the other mags and newsletters in
a fashion...

>The ARRL does "recognize and actively support" this kind of community service
>through the ARRL Letter which it publishes weekly. I gain lots of information

weekly? used to be biweekly and now it's monthly here....

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

1904. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <5033s5$oeq@cc.iu.net>
Source record: 218089
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In <500oei$qaj@news.ais.net>, carl@ais.net writes:
>The point is that the ARRL and its membership (even if you count the
>majority who really just "subscribe to QST" as "members") are a very
>modest minority of the licensed ham radio operators. Actually, I think
>they've got a lot of huevos passing themselves off as the "spokesman for
>the ham community at large" ...

well, they're certainly the largest coordinated front...

>It's damned time that they considered the views of non-members (and even
>non-ham wannabes) in formulating "policy" that ends up being presented
>to the FCC as "the will of the nation's hams."

how about the non-members signing on en masse to get their people into
positions of power in the ARRL? the non-hams are out of luck until they
get licensed but they can be associate (non-voting) members.

obviously, you need to review the Battle of Code Free...the ARRL didn't get
their way on that one and it was a grass roots effort.

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

1905. Away a while... got a packet question.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: Ryan Tourge <ryguy@netheaven.com>
Message-ID: <01bb9569$9ccce900$4c9be7ce@ryant>
Source record: 218090

I have not been radioactive for awhile, and was wondering what baud rates are packet TNC's using now?

--
Ryan Tourge, N2YQT
Firefighter - Certified EMS First Responder
Certified Haz-Mat First Responder
Chestertown, NY
ryguy@netheaven.com
http://www.netheaven.com/~ryguy/

1906. Motorola Equipment

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: Ryan Tourge <ryguy@netheaven.com>
Message-ID: <01bb956a$15bcfe40$4c9be7ce@ryant>
Source record: 218091

Any one using Motorola Equipment for 2m operations?

--
Ryan Tourge, N2YQT
Firefighter - Certified EMS First Responder
Certified Haz-Mat First Responder
Chestertown, NY
ryguy@netheaven.com
http://www.netheaven.com/~ryguy/

1907. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: jjo@tekla.fi
Message-ID: <JJO.96Aug29083810@ds10.tekla.fi>
Source record: 218092
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

The CW debate seems to be going on everywhere. We had our own questionnare in Finland, too. Some of us have written about the subject into our local ham magazine. The debate has been, well, pretty emotional.

Let us put emotions aside and ask what is the true purpose of the amateur exam:

Is the purpose of the exam to measure the amount of work one is willing to do to become a radio amateur?

Is the purpose of the exam to limit the count of amateur radio operators?

Is the purpose of the exam to guarantee long distance communications in difficult band conditions?

Is the purpose of the exam to train operators for commercial purposes?

Is the purpose of the exam to promote certain transmission modes over some other transmission modes?

I believe that the purpose of the exam is to guarantee that radio amateurs can operate their radios without injuring themselves or others and that they do not cause interference to other radio services. No more, no less.

--
Jari Jokiniemi, jari.jokiniemi@tekla.fi, OH2MPO, OH3BU
Tekla Oy, Koronakatu 1, 02210 Espoo, 90-8879 474

1908. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <503251$djo@lehi.kuentos.guam.net>
Source record: 218093
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

jxs2151@shore.intercom.net (Jeff Stevenson) wrote:

>>In QST, October 1995, Vol. 79, No. 10, page 9, it says,
>>
>>"From surveys, we know that 48% of the ARRL members in the United States
>>already have access to the Internet, either directly or via an on-line
>>service. Comparing this figure to the popularity of the various
>>over-the-air communications modes, it would rank behind FM (79% of active
>>ARRL members use it), SSB (also 79%), and CW (54%) - but ahead of packet
>>(40%) and far ahead of any other mode."
>>
>>That "some percent" is pretty high Bill. There are more ARRL members
>>operating CW than there are on the Internet

>48% is altogether not too shabby for a medium that has only been accessible to
>the general public for about three to four years.

>Jeff

And considering that about 50% of ARRL members are brain dead, that figure
is pretty close, huh ? Maybe we should ask WARC to drop the code test and
have them replace it with a test on setting up a newsreader and NetScrape.

73, Jim KH2D

1909. GB2RS News 1st September 1996

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: David Hough <dave@llondel.demon.co.uk>
Message-ID: <841336832snx@llondel.demon.co.uk>
Source record: 218094
Cross-posted to: uk.radio.amateur,rec.radio.info,rec.radio.amateur.misc

Good morning. It's Sunday the 1st of September and here is the GB2RS news broadcast, prepared by the RSGB and intended for all radio amateurs and short-wave listeners.

And we start this week with news that Charlie and Petra Suckling, G3WDG and G4KGC, are claiming a new 10GHz moonbounce record. On the 18th of August they worked VK2ALU, which they believe to be the first G to VK, and Europe to Australasia, 10GHz EME QSOs. The distance - just over 17,000 kilometres - is also a new 10GHz band record. G3WDG and G4KGC used 40 watts output to a 3-metre Andrews dish with 10.7 - 11.7GHz feed.

The Morse Test Service Tenth Anniversary Award certificates were posted to applicants on the 21st of August. However, the Chief Morse Examiner has received some award claims which did not include a return address or callsign. If anyone applied for the award and has not yet received a certificate, please contact Roy Clayton, G4SSH, whose address is correct in the <A HREF="../books/call.htm#CB96">RSGB Call Book.

Kev Hudson, G0TOG, has issued a challenge for groups of people to tackle Granada TV's 'Krypton Factor' assault course, in order to raise money for the Booth Hall Children's Hospital in Manchester. Further details and application forms are available from the Children's Hospital Appeal, Booth Hall Children's Hospital, Charlestown Road, Manchester, M9 6AR, or can be obtained by phoning 0161 741 5098.

Listeners to the 2 metre GB2RS news broadcast at 9.30am local time in Cornwall should note that as from today, the 1st of September, it will be made through the north Cornwall repeater on channel R5, and not on S21. This will be for a trial period of four months. Reports will be welcomed either by the newsreader or direct to GB2RS manager Ian Kyle, GI8AYZ, whose address is correct in the RSGB Call Book. The purpose of the experiment is to improve coverage in this difficult terrain.

Now some items of HF DX news from the weekly RSGB DX News Sheet, edited by Chris Page, G4BUE:

From Angola, Birgitta, SM0FIB, is active as D2FIB from now until the 13th of September, mainly on 20 metres SSB.

From Mayotte, a German group will sign FH/DL4XS, FH/DL6ET and FH/DL3KDV from Tuesday or Wednesday, the 3rd or 4th, until the 11th of September.

And from St Vincent, Buzz, N5FTR, will be active from the 2nd to the 7th of September either as J8/N5FTR, or with a J8 callsign, mainly on SSB, but with some CW.

Now news of a special event station:

The permanent special event station, GB2OWM, at the Orkney Wireless Museum will be on the air for the last time from its present location between the 6th and 12th of September. The station will be particularly active next weekend, the 7th and 8th. The museum is to be relocated to Kiln Corner, Kirkwall, and it is planned to re-open it next spring. For further details please contact Bill Wright, GM3IBU, whose address is correct in the RSGB Call Book.

Next the Rally News:

The Milton Keynes and District Amateur Radio Society Radio Fayre takes place today, the 1st of September, in Bletchley Park. The event features a bring and buy stall, a club antenna erecting challenge, Morse tests on demand, demonstrations by service organisations, and arena events for the family, including live music. Talk-in is on 2 metres channel S22.

The Bristol Radio Rally and Computers and Electronics Market is being held at the Brunel Centre, Temple Meads Station, Bristol today, Sunday the 1st.

The Telford Radio Rally also takes place today, Sunday the 1st of September, at the Telford International Centre. The event features dealers, a flea market, bring and buy stand, Morse tests on demand, and an RSGB book stall and membership information stand.

The Wight Wireless and Computer Rally takes place at the Wireless Museum, Arreton Manor, Newport, on the Isle of Wight, next Saturday, the 7th of September. For more details, ring 01983 567665.

The Royal Naval - Ulster - Amateur Radio Club will be holding a junk sale at T S Formidable, East Bread Street, Belfast, next Sunday, the 8th of September. Doors open at 12 noon.

The Lincoln Hamfest takes place at the Lincolnshire Showground on the A15 north of the city, next Sunday the 8th of September. The event features trade and craft stands, a bring and buy stand, flea market and Morse tests. For full details please call John Middleton, G8VGF, on 01522 525760.

The Middle Wallop Boot Sale takes place at the Museum of Army Flying, Middle Wallop, between Andover and Salisbury, next Sunday, the 8th of September. Doors open at 10.00am and talk-in will be on 2 metres channel S22. For further details, please call 01264 391383.

Repeater news next:

The 70 centimetre repeater near Hyde in Cheshire, GB3WP, became operational on the 16th of August on channel RB11. For further details please contact the repeater keeper, Mr S Wright, G6YRK, whose address is correct in the RSGB Call Book.

The Wincanton Amateur Radio Club's application for a new 70 centimetre repeater has been approved. The repeater, which will use the callsign

GB3TC and operate on channel RB1, is now under construction. For further details, please contact the club's publicity officer, Tim Stellar, G6RCT, whose address is correct in the RSGB Call Book.

Now for the contest news:

We know of no HF contests this weekend, but the first session in the RSGB Slow Speed Cumulative Contest takes place between 1900 and 2030 UTC tomorrow evening, Monday the 2nd of September. The contest is between 3540 and 3580kHz and the speed should be kept to below 12 words per minute, and never any faster than the other station is sending. The full rules are in the September 1995 RadCom.

Next weekend, the 7th and 8th of September, there are a number of HF Contests. The RSGB and IARU Region 1 SSB Field Day takes place from 1500UTC on Saturday, for 24 hours. The full rules can also be found in the September 1995 RadCom.

The All-Asian DX Contest takes place for 48 hours from zero hours UTC on Saturday the 7th. The Bulgarian LZ DX Contest takes place for 24 hours from 1200UTC on Saturday the 7th, and the AGCW Straight Key Party is from 1300 to 1600 UTC on Saturday the 7th. Brief rules for all these contests can be found on page 22 of the September 96 RadCom.

We also know of no VHF contests this weekend, but there are plenty of VHF contests during the coming week. The first of five sessions in the RSGB 144MHz CW Cumulative Contest takes place on Tuesday the 3rd of September from 2030 to 2300 local time. Next weekend, the 7th and 8th of September, the RSGB 144MHz Trophy contest takes place. This contest is of 24 hours duration and begins at 1400 UTC on Saturday the 7th. The fourth RSGB 144MHz Backpackers contest takes place on Sunday the 8th from 11 to 1500 UTC. The rules for all these contests can be found in the September 1995 RadCom. Finally, the third of four sessions in the 24GHz Cumulative Contest also takes place next Sunday, the 8th. For further details on this contest please contact Lehane Kellett, G8KMH, whose address is in the RSGB Call Book.

And now the solar factual data for the period from the 19th to the 25th of August compiled by Neil Clarke, G0CAS:

Solar flux levels increased from 68 on the 19th, to 75 by the 25th, and averaged 72 units. The 90-day solar flux average on the 25th was 71 units, one unit up on last week. X-Ray flux levels increased and peaked at B2.9 units on the 23rd. The average was A6.4 units. Geomagnetic activity started at 'quiet' levels with an Ap index of 4 on the 19th. Later in the week activity increased to 'unsettled' and the average was Ap 8 units. The solar wind between the 12th and 18th of August ranged from 340 to 480 kilometres per second, with the highest speed noted on the 14th. Particle densities averaged 17 particles per cubic centimetre on the 12th but declined to only 3 particles per cubic centimetre by the 17th. Bz hovered around zero nanoTeslas most of the period.

Now the ionospheric data for Central France, for the period from the 16th to the 22nd of August. The F2 daytime critical frequencies averaged 6.2MHz and the darkness hour lows 2.8MHz. The daytime highs took place between 1800 and 2000 hours every day, except on the 20th, when they took place at 1100 hours. The darkness hour lows took place between 0200 and 0400 hours. 18 hours of blanketing E was reported by Meudon.

And lastly the solar forecast. This week the more active side of the sun is expected to be rotating away. Solar activity could be at low levels during the first half of the week. Solar flux levels are expected to decline from the mid 70s. Geomagnetic activity is expected to be at 'quiet' levels. MUFs during daylight hours are expected to be about 18 MHz for the south and 15MHz for the north. The darkness hour lows are expected to be about 9MHz.

During recent sunspot minima, there have been large geomagnetic storms and auroras. These storms appear without warning and are impossible to forecast. Whilst the sun is showing signs of solar flare activity, such as the X2-class solar flare which took place in July, and now that we are approaching the equinox, a time that is statistically favourable for auroras, it could be that over the coming few months the time is right for one of these 'rogue' storms to take place.

And that's the end of the solar information.

Finally in the main news, SSL has informed the Society that as of last Wednesday morning, the latest callsigns allocated were in the M0 Alfa Kilo and M1 Alfa Zulu series, and Novice calls in the 2 0 Alfa Oscar and 2 1 Foxtrot Golf series.

--
GB2RS is prepared by the Radio Society of Great Britain.
Tel +44 1707 659 015
Fax +44 1707 645 105
http://www.rsgb.org/

1910. CW the final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <32256E44.2172@ccsnet.com>
Source record: 218095
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

WHAT IS C W

* It is a unique,intimate,concise and effective communications skill still employed throughout the world.

* It is the most efficient mode in terms of power required for long-distance communication ,least susecptible to interference,and conserving of the radio frequency spectrum.

* It involves no accent or pronunciation problems,therefore providing a widely understood international language.

* It employs simpler,more reliable and easily maintained equipment than any other communications mode.

* It is an equalizer,negating age,speech impediments and dialectical differences;it provides for ready acceptance of youngsters in an adult enviornment.

* It is the ONLY radio communications mode that is understood readily by both man and machine.

Please note : the above article was submitted for packet by N1CNS as a reminder that it is a serious and viable means of communication. Any responses may be sent to me WA1HVD @ KA1AZ.RI.USA

1911. Rules of Flea Markets

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <32256DEB.248B@ccsnet.com>
Source record: 218096

-

Fleaspeak - the vernacular of hamfest fleamarkets.

Fleaspeak English Translation

This rig puts out a BIG signal It's 50 kHz wide
This is a really good CW rig. It doesn't work on SSB.
This is a really good SSB rig. It doesn't work on CW.
This is a really good rig. It doesn't work on CW or SSB.
The transmitter is outstanding. It doesn't receive.
The receiver is really hot. It doesn't transmit.
This rig is really hot. It's stolen.
It seems to be a vintage regenerative type. It oscillates.
I just retubed it. Got 'em from questionable used tube stock.
I just aligned it. The slugs on the transformers are jammed
I don't know if it works. it doesn't work, probably never has.
It doesn't chirp. it doesn't chirp because it doesn't transmit.
The audio sounds great. The 120Hz buzz is faithfully reproduced.
I just had it serviced. I sprayed WD-40 over all the wiring.
It comes with the original box. Just brush out the kitty litter.
Better buy it now, cause it won't last. no transation needed.
Sure, it works at full power. It sucks all it can from the wall.
This rig has wide frequency coverage.
It drifts up and down and out of band.

Frequency stability is great.
The VFO doesn't work - you'll have to use crystals.

Real popular rig in its day.
There were whole HF nets on the repair and maintenance problems.

QST gave this one a really great review.
The language broke new ground for profanity.

It might need a bit of tweaking.
Marconi himself couldn't fix it, much less align it.

It was used in government service.
It was stored outdoors on a wooden pallet.

The dial drive may need lubricating.
the gears are stripped and the setscrews frozen.

I plugged it in to check that it lights up.
The light came from the two foot high flames.

I'm selling it because I have two of them.
I'm getting rid of my parts radio.

You won't find one at a better price.
Better from the point of view of the seller.

This is a collector's item.
the manufacturer just went belly up and won't honor the warranty.

It came from an estate sale.
If you have any problem take it up with the owner.

I had it on the air just last night.
And you thought the woodpecker was gone.

It worked last time I used it.
if it still worked I'd still be using it.

The only lightning damage was a fuse.
The only lightning damage I recognized was a fuse.

I have the [...] somewhere. I'll send it to you.
you'll never see the [...].
I'll help you carry it to the car.
I'll do anything to unload this boat anchor.

It works ok on 80 meters.
It had some parasitics
but I got in and really screwed it up and now I want to unload it.

The tubes used by this rig are worth the asking price.
The rig uses a rare 7360 beam deflection tube for a balanced
modulator, but it's blown and you'll spend \$80 to get a new one.

This is the rig of my dreams. I really wanted one of these as a
kid, but now <snif> I've got to let it go.
As I've gotten older, I've learned what a hunka junk it is.

The signal quality of this rig was easily recognizable in its day.
The high distortion and bad audio quickly identified this rig.

This rig will bring back the feelings and atmosphere of vintage
ham gear.
The bypass capacitors to the
AC line put enough voltage on the chassis to give you a shock
in the lips through the microphone, and it smokes so bad when
you turn it on that you'll probably start coughing and wheezing.

I'd keep this baby, but my wife is making me clean everything
out.
I finally got around to giving this thing the proverbial heaveho.

There are a couple of other people interested in it.
someone sat on it to tie his shoelaces while walking past the table.

You'd better buy it now, because I'm leaving soon.
The previous buyer and his brother,
Guido, are heading back toward the table and they aren't smiling.

Joe NA3T, FM05
mack@ncifcrf.gov

1912. THe THe The THe

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <32256E81.75DB@ccsnet.com>
Source record: 218097
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Frequently I hear hams say, THE name HERE is_____.
How often do you say when you meet someone (assuming your name
is Charlie), THE name HERE is Charlie? You never do that right? After
to do so is so impersonal and asinine that you would not want
to seem like a fool-then why do it on the air? Just because you
are a ham is no excuse not to be personal. Of course you could
really sound like THE jerk of the year by saying, THE first
personal here is Charlie (at least if you are not personal-you are
using the word-albeit it in an extremely impersonal way).
Also why say "here", is your name any different when you are "there?"

73 from we here (not there) at K1OIK where THE name are Burt.

1913. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: rob@pe1chl.ampr.org
Message-ID: <DwwC4I.Bxu@pe1chl.ampr.org>
Source record: 218098
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In <cgreenha.460.322326BD@magnus.acs.ohio-state.edu> cgreenha@magnus.acs.ohio-state.edu (Christopher K. Greenhalgh) writes:

>I run a Kenwood 451a on 9.6k 24 hours a day. Some will claim this radio
>is inadequate for 9.6k operation, and I have not had it on any test equipment,
>but it runs flawlesly with my Kantronics 9612 on both, the 9.6k repeater, and
>keyboard-to-keyboard.

"I have not tested it but it runs flawlessly". This is the comment that you see from many commercial-FM-transceiver 9k6 users. Often referring to a claim from others that it is inadequate.

However, please not that the vast majority of people who DID test it, will tell you it IS inadequate.

>The only downside is I have to run a 250ms TXDELAY thru the repeater, as the
>PLL (of course) "sweeps" a little when switching from the TX freq, to the RX
>freq...and vice versa.

That downside would be sufficient for me not to buy it. And it should be for you as well.
You are causing QRM on nearby channels with that sweeping transmitter (which is a design problem that plagues ALL Kenwood TM-[2345][34]1 transceivers), and the long TXDELAY cuts into the efficiency of the channel.
You share the channel with everyone else, so you should be considerate.

>Other than that...I like it very much, and it works well.

You have not tested it. How would you know?

Rob
--
+-----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | BBS: +31-302870036 (2300-0730 local) |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+-----------------------------------+--------------------------------------+

1914. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <503vkd$714@anomaly.ideamation.com>
Source record: 218099
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <JJO.96Aug29083810@ds10.tekla.fi>,
Jari Jokiniemi <jjo@tekla.fi> wrote:

>I believe that the purpose of the exam is to guarantee that
>radio amateurs can operate their radios without injuring themselves or
>others and that they do not cause interference to other radio
>services. No more, no less.

Perhaps in your country, but not here.

In the US, we have both a theoretical and a practical element
to our examination elements. The theoretical is merely a multiple
choice exam. The practical is the code examination.

Unfortunately, we use a volunteer-examiner system where people
volunteer to give amateur radio examinations. The examination
process needs to be relatively uncomplicated and free of anything
that might be "subjective" on the part of the examiner. At this
point, the multiple-choice examination and code examination fit
those requirements.

Code test elimination supporters have not addressed the issue
of the "theoretical verses practical" aspect of our amateur
examinations, nor have they designed a reasonable alternative
to the existing code test that fulfills the means test of being
non-subjective, uncomplicated, easy-to-administer, and
related to amateur radio.

MD
--
--
-- "I have more guns than I need, and less guns than I want." -- Phil Graam
--
-- If you don't like my opinions, that's just too damn bad.

1915. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: cgreenha@magnus.acs.ohio-state.edu
Message-ID: <cgreenha.612.32259B54@magnus.acs.ohio-state.edu>
Source record: 218100
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <5021fd$mvr@abyss.West.Sun.COM> myers@West.Sun.COM (Dana Myers) writes:
Hello Dana.

>I don't want to argue semantics. Sure, you can say that your radio
>isn't flawed, it just isn't as good as that Dana Myers says it should
>be, but that's just Dana Myers for you. If that makes you feel
>better, fine. The fact is, a TXD of 250mS on 9600 is a flaw, and that
>isn't just my opinion.

I disagree. I just dont agree with your teminology I guess. I would say
that ny setup works flawlessly with its given settings. Now those SETTING
may be "unaceptable" to you (and others), but I was simply answering the
persons question...which is YES...there ARE PLL radio that will work at
9.6k.

BTW, that was the setting for duplex operation. I can run 100ms in simplex.

>Most folks? Most folks I know are using less than 70mS. Maybe most
>folks you know are using flawed radios, too.

No...I know of no one on packet that is useing a flawed radio.

>50mS TXD for 9600 baud
>is not a high standard.

That may be true, but the average TXD in my neck of the woods is much higher.

>Well, if everyone in your area is running 250-300mS TXD, I doubt you'll
>see replies quickly enough for your receiver to miss them. How
>do you actually know your operation has been solid with no retries
>by other stations?

By monitoring the frequency of course.

>You're taking this far too personally. Did I criticize you?

Did I say you did? :)

>No. I
>pointed out some of the problems with using a PLL radio for 9600 baud.

And I answered the guys question which was "...if there are any PLL sets
that are satisfactory?" The answer was yes...and I also added some information
and settings so he could get the whole picture, as not to cloud the issue.

Take care Dana, and thanks for the feedback.

Christopher K. Greenhalgh, N8WCT
Computer/Electronic Tech. II at The Ohio State University
E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

1916. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: cgreenha@magnus.acs.ohio-state.edu
Message-ID: <cgreenha.613.32259DAE@magnus.acs.ohio-state.edu>
Source record: 218101
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <DwwC4I.Bxu@pe1chl.ampr.org> rob@pe1chl.ampr.org (Rob Janssen) writes:

Hello Rob.

>"I have not tested it but it runs flawlessly". This is the comment that
>you see from many commercial-FM-transceiver 9k6 users. Often referring
>to a claim from others that it is inadequate.

>However, please not that the vast majority of people who DID test it, will
>tell you it IS inadequate.

"Inadequate" in what way?

>>The only downside is I have to run a 250ms TXDELAY thru the repeater, as the
>>PLL (of course) "sweeps" a little when switching from the TX freq, to the RX
>>freq...and vice versa.

>That downside would be sufficient for me not to buy it. And it should
>be for you as well.

Well...I certainly wouldnt pass judgement on others what to buy, but lets not
forget...everyone has to start somewhere.

>You are causing QRM on nearby channels with that sweeping transmitter
>(which is a design problem that plagues ALL Kenwood TM-[2345][34]1
>transceivers), and the long TXDELAY cuts into the efficiency of the
>channel.

With the deviation set correctly (3.0), it does not sweep outside the 5khz
limit, but I agree that "long" TXDs affect channel effeciency.

>You share the channel with everyone else, so you should be considerate.

I run the same TXD as most users on the freq.

>>Other than that...I like it very much, and it works well.

>You have not tested it. How would you know?

It works well in the regard of solid connects, and no retries with other
stations, and when on the 9.6k repeater, results are the same.

Take care Rob.

Christopher K. Greenhalgh, N8WCT
Computer/Electronic Tech. II at The Ohio State University
E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

1917. Re: Away a while... got a packet question.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: AC6V <AC6V@ix.netcom.com>
Message-ID: <3225A6BE.59F@ix.netcom.com>
Source record: 218102

Ryan Tourge wrote:
>
> I have not been radioactive for awhile, and was wondering what baud rates
> are packet TNC's using now?
>
> --
> Ryan Tourge, N2YQT
> Firefighter - Certified EMS First Responder
> Certified Haz-Mat First Responder
> Chestertown, NY
> ryguy@netheaven.com
> http://www.netheaven.com/~ryguy/

Have you seen WB9LOZ's excellent tutorial at URL:
http://itg-pc1.acns.nwu.edu/~odenbach/classes/c96/packetradio.txt
Don't miss it --- one of the best.
--
Hark for I have hurled my words to the far reaches of the earth!
What King of old could do thus??
..... AC6V

1918. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-29 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <5033tq$oeq@cc.iu.net>
Source record: 218103
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <500h1j$mct@news.ais.net>, carl@ais.net writes:
>I could if I wanted to, but I don't ('cause I don't want to).
>Also, I presently live in an apartment complex, and HF antennae would be
>difficult (but not an insurmountable obstacle ... just not worth the

no club stations around?

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

1919. ICOM CTCSS-print needed for IC04E

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: Dicky.Dick@scout.net
Message-ID: <505e21$o6a@news.euro.net>
Source record: 217917
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf

Hello,

Here in Holland they are rebuilding the repeaters for CTCSS-input.
Do you have a CTCSS-print for the IC04E ? Or maybe an old (broken)
IC04A

Ofcourse I'll pay for the hardware and the shipping.

Or, . . . does anyone know another solution to make sub-audio-tones

Thanks in advance,

Dick Segers PE1LOZ@amsat.org
Gouda
Holland

1920. Re: Modern digital versus SSB and Morse (was Re: Commercial CW use)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: akent@bga.com
Message-ID: <505grr$mka@news3.realtime.net>
Source record: 217918
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

Gary:

I have to agree with you wholeheartedly, in your discussion!

I currently have a prototype SSB radio modem operating at 115kb. It
blasts data. It doesn't support voice, though.

Kent

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>In article <4vuu68$lia@vixen.cso.uiuc.edu> w9sz@prairienet.org (Zack Widup) writes:
>>
>>>Gary Coffman wrote:
>>>>
>>>> In article <321DD7DB.28EC@gte.net> Jim Conn <jconn@gte.net> writes:
>>>> >carl@ais.net wrote:
>>>> >>
>>>> >> In <321CD03B.144A@gte.net>, Jim Conn <jconn@gte.net> writes:
>>>> >> >I don't get it. The HF bands are not useful for high speed digital work.
>>>> >> >
>>>> >> Rediculous ... all it takes is the right modulation and coding
>>>> >> techniques and a progressive regulatory structure that permits it.
>>>> >> Obviously higher data rate wider bandwidth transmissions are more easily
>>>> >> accomodated at higher frequencies, but HF will support FAR beyond 300
>>>> >> baud FSK packet.
>>>> >> The cost/bandwidth/performance of HF high speed digital services
>>>> >render such a thing impractical within the confines of the amateur bands.
>>>>
>>>> Nonsense. We have an off the shelf solution in Clover which gives us
>>>> 750 bps (in OOK Morse terms that's 1125 WPM) in 500 Hz. We can go faster
>>>> than that. Using a raised cosine FSM, we can put 38 non-overlapping 50
>>>> baud carriers in a 3 kHz channel. That gives 1900 bps while still
>>>> maintaining a symbol rate compatible with HF multipath. If we use symbol
>>>> overloading, as Clover does, we can boost that to 4500 bps. If we more
>>>> aggressively overload symbols and use some simple coding tricks, we can
>>>> jump to 7600 bps, still in a 3 kHz channel. If we throw in a bit of
>>>> compression and some FEC, we can do 11.4 kbps. Subtracting overhead,
>>>> we can achieve a net 9600 bps in a 3 kHz channel without sacrificing
>>>> our ability to deal with multipath. And we can do that for less than
>>>> $100 in DSP parts (or even do up through 4500 bps on a PC with just a
>>>> sound card and a bit of software, IE essentially free).
>>>>
>>
>>I cannot TYPE 1125 wpm. In fact, I can send CW faster than I can type!

>>I'm not even sure I can TALK 1125 wpm.

>I am uncharitably driven to repeat the Morse proponent's cry
>of "Practice!" in response to your reported low typing speed,
>but I'll try to give a better answer than that.

>Yours is a common reaction. If it didn't overlook several important
>factors, we'd all we content to use 300 baud Bell 202 half duplex
>modems here on the net too since that's equivalent to 450 WPM, and
>none of us can type that fast either. We aren't, however, and therein
>lies the answer for the need for speed. We can convey much richer
>content than simple text with a bit of speed. For example, if we are
>discussing a circuit or antenna with our contact, we can bring up a
>whiteboard and draw a diagram for him if we have sufficient speed.
>We can't hope to do that plodding along at 20 WPM. We also typically
>have canned "brag tapes" that we send to new contacts to let them know
>something about us and our stations. Letting that dribble along at
>20 WPM would take intolerably long.

>And there's another side to this as well. IF we truly don't have
>more to say than can be conveyed in a few minutes at 20 WPM, we
>can drop our transmit power until the CNR is actually *negative*,
>and still have enough throughput to maintain 20 WPM text. We can't
>do that with OOK Morse at all. With Clover, we reach that point
>with a CNR of -4 db, and with PACTOR II we reach it at -18 db on
>a non-fading channel. On a poor fading channel, Clover doesn't do
>so well, requiring about +2 db CNR, but PACTOR II continues to
>operate at the desired throughput with a CNR of less than -10 db.
>That's about 20 db less signal than a good Morse operator needs to
>maintain error free 20 WPM.

>Note, a very skilled weak signal Morse operator can detect Morse
>signals at mildly negative CNRs, but he can't approach 20 WPM when
>signals are that weak, PACTOR II can. In a time where large outdoor
>antennas have become difficult to install (due to restrictive covenants,
>apartment living, etc), where TVI and RFI are a concern (due to a myriad
>of shoddy consumer electronics co-located with many of our stations), and
>where the current level of awareness of RF exposure hazards is heightened,
>a technique which can work well with very low transmit power should be
>welcomed and fully embraced.

>>This is still a HOBBY ... only a HOBBY. It is what you want to put into
>>it, and the wonderful thing about it is that it is so diversified there
>>is something for everyone.

>I grind my teeth every time I see that "only a HOBBY" line. We are
>amateurs voluntarily, self-selected by free choice, and we enjoy what
>we do, but it is more than "only a HOBBY". The service has chartered
>purposes for us to fullfill. That differentiates amateur radio from
>playing golf or from collecting stamps. Those latter activities *are*
>"only hobbies", but amateur radio is more than that. We are chartered
>to self-train in the radio arts, further those arts, provide public

>service and emergency communications, and foster international goodwill.
>We can, of course, have fun doing those things. That is our only reward.
>But puttering in a backwater of radio technology isn't fullfilling
>the first two elements of the charter very well, and could be
>impairing our ability to fullfill the third. The amateur radio
>operator's Code (ARRL) says "An amateur is progressive". We need
>to think about that once in a while.

>>There are those who wish only to chat on 2 meter FM with HT's. Fine ...
>>there's a place for them and I enjoy their company. There are those who
>>wish to play around with technology ... fine, they have their places too.
>>I also enjoy reading about that aspect of the hobby.
>>
>>Some of us (myself included) are DXers, contesters and VHF DXers/contesters
>>who build their own VHF equipment. We have our places in the hobby, too.
>>
>>The thing is that it is a communication hobby as well as a technology
>>hobby. Live communication. I'm not trying to send a novel to the
>>guy at the other end; I can do that on Internet. But considering my
>>typing speed I don't need to send data at 2500 wpm or whatever; I just
>>want to communicate with they other guy in real time and if I can send CW
>>at 60 wpm, type at 45 wpm or talk at 300 wpm I'll still exchange ideas.

>Yes, you can, but you can also do better than that. You can exchange
>more ideas, or exchange them more clearly and fully, with better techniques.
>You can also reduce the RF pollution on the bands, thus allowing room for
>more people to do likewise by reducing the power necessary to communicate.
>If you really only have a few hundred words to say to another person, you
>can do it in a couple of minutes instead of an hour, thus freeing the
>spectrum for others to enjoy, or allowing you to interact with more people
>in a given amount of time. There are many reasons why you might want to
>use speeds greater than your personal typing rate, and to use techniques
>which require less power and bandwidth than other methods to boot.

>The Amateur's Code says we're to be progressive, but it doesn't say
>we have to be progressive every minute. We can use older slower less
>efficient and less effective techniques from time to time if we get
>enjoyment from doing that, but we shouldn't turn our backs on better
>techniques in the process. We should be educating ourselves in modern
>communications theory and practice as an ongoing matter of course. We
>should be able to recognize that there are other and better ways of
>doing things than the methods we've used in the past. And we should
>be able to do some of those things too from time to time.

>As you note, not every amateur needs to do everything. There are a
>multitude of things to do in amateur radio, and many of them have
>value as well as being enjoyable. As amateurs we have diverse
>interests, but we should all have the charter purposes of our
>service in sight as desirable goals to be pursued. That doesn't
>mean we all have to become (moderately) high speed digital operators,
>or dedicated ARES operators, or rabid goodwill ambassadors, etc, but

>we should be extending ourselves in some direction constantly, and not
>just be stagnant backmarkers filling up space (and spectrum) without
>any real purpose or direction.

>The Army's recruiting posters proclaim that it is "Not just a job,
>it's an adventure." We should approach amateur radio the same way.
>It is the best hands-on learning laboratory to which we're ever likely
>to gain admission. We should take full advantage of it. We're never
>too old to learn new tricks, unless we let our brains fossilize by
>going over and over the same ruts day after day. There's nothing more
>exciting or enjoyable than gaining a fresh insight, or mastering a
>new technique. New ideas serve to blow out the cobwebs and sharpen
>the intellect.

>Gary
>--
>Gary Coffman KE4ZV | You make it, | Due to provider problems
>Destructive Testing Systems | we break it. | with previous uucp addresses
>534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
>Lawrenceville, GA 30244 | |

1921. Re: Dana to Gary's rescue (Was: Beating dead horses (was WARC bands))

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: little@pecan.enet.dec.com
Message-ID: <505iih$96m@usenet.pa.dec.com>
Source record: 217919
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <503k50$3it@news.Hawaii.Edu>
jherman@Hawaii.Edu (Jeffrey Herman) wrote:

> Slow down, Dana, and reread what I wrote. If one knows that CW is permitted
> on 30M, then why wouldn't one also know that RTTY and data are permitted, too?
> Is the person selectively reading just various parts of the rules?

Although I would hope all classes of licenses would understand this,
apparently that's not the case. The rules specifically allow CW on all
allocations. All other modes are permitted in specific subsets of
those allocations. So knowing that a subset allowed CW doesn't
imply that it allows *any* other mode. This is a simple mathematical
deduction problem Jeff. In particular, knowing that CW is allowed
at 144.050 MHz doesn't imply that any other mode is allowed and
in fact *NO* other mode is allowed.

>>Good grief, with all the interesting things that we can discuss, you're
>>crticizing Gary for answering a question. Believe it or not, Gary
>>was elmering someone. Believe it or not, Gary *did not* make any
>>kind of comment regarding the use if CW. Believe it or not, you're
>>criticizing Gary because he didn't answer the question the way you
>>would have. Maybe you'll succeed in discouraging Gary from
>>ever answering any more questions at all. Is that what you want
>>to do?
>
> Not a bad idea, given his screwy opinions of code causing brain damage,
> and highway speed limits being too low. An important trait of a good
> Elmer is being unbiased. Gary fails in that area. I feel his answer
> was biased - you don't. I've disagreed with you and him in the past
> and as sure as the sun will rise at 0614 HST tomorrow we'll continue
> into the future.

I kind of like Gary's humor about Morse causing brain damage. Perhaps
you are an example given that you don't simple to be able to apply
simple mathematical deduction rules to what stated in Part 97. ;-)
And highway speeds *are* too low. The highways (and most vehicles)
were designed to be driven at speeds in excess of 55 (or now 65 in many
areas.)

>>True or false: shafties don't countersteer.

> I've never owned a shaft-driven motorcycle - that's heresy. But I imagine
> they *would* countersteer.

Who'd own anything other than a shaft driven motorcycle? Chains
rank right up there with single tube transmitters! ;-)

73,
Todd Past owner of a BMW R50/5 and R90/S
N9MWB

1922. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: little@pecan.enet.dec.com
Message-ID: <505j95$9d6@usenet.pa.dec.com>
Source record: 217920
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <504smq$7gb@anomaly.ideamation.com>
kd1hz@anomaly.ideamation.com (Michael P. Deignan) wrote:

> In article <3225E2D5.1955@pacifier.com>,
> John Nelson <johnn@pacifier.com> wrote:
>
>>As a "practical examination" related to amateur radio, CW prociciency is
>>unfit. It has nothing to do with radio operation, per se.
>
> If 38% of all HF amateurs operate CW, and CW continues to be a popular
> mode with foreign amateurs (ever wonder why all those "rare dx" stations
> always seem in the lower 25kc of the bands -- are they just "snobs" who
> only want to talk to "extras"?

They'd probably like to talk to someone outside W land. Selecting those
25 kHz allows them to eliminate about 85% of W land operators. Also,
prior to incentive licensing, the bottom 25 kHz of most bands was the
normal stomping grounds for CW and in particular, DX. Incentive
licensing just made it easier for extra class licensees to paper their walls.

> Why don't they move up to the general
> portion of the band?), then a CW proficieny test remains a logical and
> necessary "practical" examination.

Huh? Based upon the absurd licensing structure we currently have?

> I also support the concept of a "endorsement" system where people who
> want to operate other modes on HF/VHF need to demonstrate operational
> proficiency at those modes too. However, I realize that this is
> unreasonable for 1) meeting the test requirements I previously outlined,
> and 2) it will cause more and more people to whine about "jumping through
> hoops".

I've seen this endorsement scheme proposed before and initially I was
in support of it. But then after spending more than a couple of
neurons thinking about it decided that it was really a ridiculous idea.
If you aren't proficient in a mode, you either won't use that mode, or
if you do, you either won't make many or any contacts and move on
to some other mode, or you'll become proficient in the mode and
make contacts. What possible purpose would mode specific endorsements
serve? Remember this isn't like getting an IFR endorsement for flying
where your mistakes kill people including yourself.

> Many aspects of amateur radio have relevance in other parts of our
> every day lives. That neither makes them relevant nor irrelevant to

> amateur radio. The merits of each within the scope of the discussion --
> radio -- is what is important.

Absolutely. So what *IS* the relevance of Morse testing to receiving
non-Morse HF privileges?

73,
Todd
N9MWB

1923. Re: Available 1 x2 & 2 x 1 Extra Class Calls

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: thompson@atl.mindspring.com
Message-ID: <505ms4$18se@mule0.mindspring.com>
Source record: 217921

fmorris@prysm.NET (Frank C. Morris, N5YZM) wrote:

>Does anyone know where there is a list on the Internet of all of the
>available 1 x 2 and 2 x 1 Extra Class Calls? Your help will be greatly
>appreciated.

>73's DE Frank, N5YZM...

Be careful of some of the lists. SAM for example does not list club stations. I saw a list with W4NT on it and that call is the Southeastern DX Club.

Ed K4SB, Shadow Software provides a list of calls in several variations that is more accurate and he has those that are coming available with available date. He advertises in several mags including ART and QST.

Dave K4JRB

Dave K4JRB

1924. Re: Questions about WARC bands

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <505kej$pqi@lehi.kuentos.guam.net>
Source record: 217922
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

little@pecan.enet.dec.com (Todd Little) wrote:

>In article <504j4i$k33@lehi.kuentos.guam.net>
>pacrimgolf@kuentos.guam.net (Jim Kehler) wrote:

>> gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>>
>>>There are *no* CW (IE OOK Morse) subbands on HF (only on 50.0-50.1 MHz
>>>and 144.0-144.1 MHz). CW is permitted anywhere on any amateur band, of
>>>course, but is predominantly found in the RTTY/data band segments by
>>>custom.
>>
>> What about the Novice CW subbands ? Are Novices permitted to operate
>> CW anywhere on any amateur band ?

>Might be a worthwhile question if either it was something in dispute
>or was even something that Gary suggested. He didn't say what
>class could operate on what allocations. He merely pointed out the
>relevent portion of the FCC regulations regarding mode specific
>allocations. But then again Jim, you knew that and I suspect are
>just being argumentative.

>73,
>Todd
>N9MWB

Thanks for clearing that up for me Todd. Sometimes I have a hard
time staying awake reading what Gary says.

No, Todd, I wasn't trying to be argumentative. To borrow a phrase from
my friend Carl, I was merely trying to point out nicely that Gary's statement
that there are no CW subbands was 'pure bullshit'. As opposed to
impure bullshit.

Besides, if Gary has hired you to do his arguing for him, I'm outta here.
I learned my lesson - never argue with a pro.

Hafa Adai,
Jim KH2D

1925. Re: Mars MOD for FT50-r

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <505p5b$qc3@lehi.kuentos.guam.net>
Source record: 217923

kplumb@aol.com (KPlumb) wrote:

>Im looking for mars mod for ft50-r. Please post.
>73"s
>Kevin Plumb N2WFS
>kplumb@aol.com

Cut diode D16 on the main board.

1926. Re: Questionnaire: Please Help

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: "Bernie McClenny, WR3E" <bernie.mcclenny@mail.wdn.com>
Message-ID: <322693E7.5FC1@mail.wdn.com>
Source record: 217924
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,r

DFS wrote:
>
> I'm a journalist conducting a survey of Internet telephony usage.
> Whether you use Internet telephony products or you've never heard of
> Internet telephony, I'd really appreciate it if you could take a few
> minutes to fill in a questionnaire.
>
> It will be one of the first fully automated email surveys conducted on
> the internet. The survey will be processed automatically by EFORM, a
> new automated email processing application, produced by Beach Tech
> (http://www.beachtech.com, email: sales@beachtech.com). And no, I'm
> not a Beach Tech employee.
>
> If you *don't* use Internet telephony, or have never heard of Internet
> telephony, please send a blank email to: IT_NONUSER@BEACHTECH.COM, and
> a survey, with instructions, will be mailed to you.
>
> If you *do* use Internet telephony, send an email to:
> IT_USER@BEACHTECH.COM, and a survey, with instructions, will be
> emailed to you.
>
> Please tell your friends and colleagues about this survey. Details
> about survey results are attached to the surveys.
>
> Thanks
>
> Alex Balfour
> alex.balfour@pobox.com

Alex rec.radio.amateur.dx is not the place for Questionnaires. Please do
not do this again! This news group is exclusively for exchanging
DX information about amateur radio. Thanks de Bernie, WR3E

--
1ï¿½

1927. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <505p1d$2sh@cc.iu.net>
Source record: 217925
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <503vkd$714@anomaly.ideamation.com>, kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:
>Unfortunately, we use a volunteer-examiner system where people
>volunteer to give amateur radio examinations. The examination
>process needs to be relatively uncomplicated and free of anything
>that might be "subjective" on the part of the examiner. At this
>point, the multiple-choice examination and code examination fit
>those requirements.
>

mike, before the FCC got out of the exam biz, they quit using CW trained examiners to give the test. the test proctor put the tape in the player, turned on the PA and played it. passed out the fill in the blank tests. graded it. one recurring story was that the tape contained misspelled data that was required to be parrotted back vertbatim to consider the question correct.

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

1928. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: carl@ais.net
Message-ID: <505soo$kcn@news.ais.net>
Source record: 217926
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In <502ken$136o@mule2.mindspring.com>, thompson@atl.mindspring.com (david l. thompson) writes:

>It is the only organization recognized by the FCC, the US Government,
>and ITU to represent amateur radio!
>

I know that ... that's what I'm asying is wrong, since ARRL members are only a modest minority of hams.

>
>I think non-member views are being considered. Anyone can fillout the
>survey and return it to ARRL. Directors certainly listen to
>non-members.
>

Only "members" get QST (where the survey was printed) ...
supposedly some non-members were mailed a copy, but I've not heard of any proof of that ...

Carl - wa6vse
carl@ais.net

1929. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: carl@ais.net
Message-ID: <505t9h$kcn@news.ais.net>
Source record: 217927
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <5033tq$oeq@cc.iu.net>, wnewkirk@iu.net (Bill Newkirk) writes:
>In <500h1j$mct@news.ais.net>, carl@ais.net writes:
>>I could if I wanted to, but I don't ('cause I don't want to).
>>Also, I presently live in an apartment complex, and HF antennae would be
>>difficult (but not an insurmountable obstacle ... just not worth the
>
>no club stations around?
>
Bill,

Why in the hell would I want to leave the comfort of my home to go sit and operate 40m CW in some club station???

If I want to do it, I'll set up a station to do it ... I have NO interest in operating CW, nowhere, nohow ...

Now if the licensing requirments are modernized (read, "CW test is eliminated"), I'll be at the next available testing session and walk away with Extra ... (half asleep, in a drunken stupor)

Carl - wa6vse
carl@ais.net

1930. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: carl@ais.net
Message-ID: <505tk4$kcn@news.ais.net>
Source record: 217928
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <503vkd$714@anomaly.ideamation.com>, kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:

>In the US, we have both a theoretical and a practical element
>to our examination elements. The theoretical is merely a multiple
>choice exam. The practical is the code examination.

Practical exam, my backside!!!

What's practical about an exam in an outdated mode?

As others have pointed out, there's NOTHING majical about CW ... it doesn't guarantee that you can properly operate SSB, FM, RTTY, packet, or any other modes used on HF, but it's the only one for which a test of "skill" is required to get a license.

Face it, the requirement is outdated and rediculous ... if you want to operate CW fine, but stop shoving it down everyone's throats.

It's like a government-mandated "religion" ... it's WRONG!

Carl - wa6vse
carl@ais.net

1931. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: carl@ais.net
Message-ID: <505to4$kcn@news.ais.net>
Source record: 217929
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <504j4r$k33@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net (Jim Kehler) writes:

>Yes. Very good explanation. Thank you.
>

ur wlcm

Carl - wa6vse
carl@ais.net

1932. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: carl@ais.net
Message-ID: <505u57$kcn@news.ais.net>
Source record: 217930
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <504smq$7gb@anomaly.ideamation.com>, kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:

>mode with foreign amateurs (ever wonder why all those "rare dx" stations
>always seem in the lower 25kc of the bands -- are they just "snobs" who
>only want to talk to "extras"? Why don't they move up to the general
>portion of the band?), then a CW proficieny test remains a logical and
>necessary "practical" examination.

No, for the most part they're not snobs ... they're simply taking advantage of the fact that their governments have not created sub-bands for eletists like our has and that those segments are less crowded.

They operate there and say "listening on ____ kHz" so they don't get buried in their own pileups by the US lids who can pound CW but don't know squat about operating courtesy or proper proceedures. Or those whose speech processors and "linears" are 50kHz wide with intermods to the umpteenth order ...

>If you intend to operate TCP/IP on radio, then a practical examination with
>TCP/IP routers might be appropriate.
>

Agreed ... no problem .. been there, done that ... fun stuff ... beats hell out of CW.

Carl - wa6vse
carl@ais.net

1933. Re: Looking for a mailorder outfit to purchase a handheld scanner

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: jmartin@holli.com
Message-ID: <505hec$dcp@holly.holli.com>
Source record: 217931
Cross-posted to: alt.radio.scanner,rec.radio.scanner,alt.radio.pirate,rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.policy

I have ordered from Javiation with no problems. You can email them for
prices at Info@javiaton.demon.co.uk

John

In article <geordi_laforge-2608961923560001@ppp-mia4-132.bridge.net>,
geordi_laforge@thepentagon.com says...
>
>Looking for a good mailorder firm to purchase a handheld sca
>nner from:
>
>I am interested in the following units:
>
>
> ICOM R1
> AOR 8000
>
>Please email feedback to geordi_laforge@thepentagon.com
>
>--
>geordi_laforge@thepentagon.com
>--
>
>Douglas Alexander
>Florida Power & Light
>Turkey Point Nuclear Plant
>Nuclear Operations Department
>
>--
>Pardon me,
>I am from the 24th century,
>and I'm heading back as soon as
>Doc Brown fixes the Flux Capacitor!

1934. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: carl@ais.net
Message-ID: <505v24$kcn@news.ais.net>
Source record: 217932
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <Pine.BSI.3.93.960829174551.12390E-100000@cais3.cais.com>, <zut@cais.com> writes:
>
>You see Bill, rather than trashing something another segment uses and
>enjoys, those of us who derive pleasure from operating CW want to share
>the fun and invite others to join us.
>

Tony,

An "invitation" usually infers the opportunity to decline without reprisals. There is no "invitation" to "join in the fun" ("fun" is your term for CW, not mine) only the demand "do it or stay the hell away!!!" issued by the CW olde farte "establishment" and enforced by the FCC at the request of the ARRL.

>If I wanted to trash something, it would be that old and truly obsolete
>spectrum wasting 1920's technology that infests the VHF/UHF band: NBFM.
>Why not increase spectrum efficiency five-fold and mandate a change to
>ACSSB?

Nobody has suggested "trashing" CW ... nobody has said "ban its use" ... just "eliminate the requirement for CW test to get a license" ... as far as NBFM is concerned I'd be inclined to agree ... it's actually being done in the commercial bands ... stating sometime this year, I beleive, to get type approval on a radio for the Part 90 bands will require that the radio meet new spectral efficiency standards ... if memory serves me correctly, the standard will (effectively) require the use of QPSK or better ... (spec'd in bits/Hz ... I forget the exact number, but recall it as a QPSK or better type of number) ...

That's part of my point against CW requirements ... the FCC is pushing commercial interests ... if we continue to use our spectrum inefficiently, we'll be much better targets in reallocation proceedings.

We also need LOTS more hams to boost the users/MHz number significantly. That'll both push us to use our spectrum more efficiently, it'll look a LOT better to the FCC in terms of justifying the size of our allocations.

Public interest value ~= (Users_per_MHz)*(Value_of_user_activity)

Right now I'm afraid we'd rate pretty low ...

Carl - wa6vse
crl@ais.net

1935. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <506ccf$7au@jupiter.planet.net>
Source record: 217933

> carl@ais.net writes:

>
> Only "members" get QST (where the survey was printed) ...
> supposedly some non-members were mailed a copy, but I've not heard of
> any proof of that ...
>
>
> Carl - wa6vse
> carl@ais.net

QST is available for sale in a variety of electronic stores and book stores. they have the survey as well

steve

1936. Re: Request for info on power inverter

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: Mike Willis <mjw@rcru.rl.ac.uk>
Message-ID: <3226B3DC.2B64@rcru.rl.ac.uk>
Source record: 217934
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

JLINETT@bmc.com wrote:
>
>
> Hi All,
>
> I would like to build a power inverter for mobile use. I would like
> to be able to convert 12v DC to 120 vac at around 2500 watts output.
> Although I have some experience designing and building regulated DC
> supplies, I am not familiar with inverters.
>
Forget it. 2500W at 12V will require an input current of 210A. That
is a lot of current. It is not impossible, but quite a demanding task
and potentially dangerous. You would be much better off starting from
a much higher voltage. There was an article in RadCom about modifying
a car alternator to produce a.c by removing the diodes and adding
a new exciter/regulator circuit, but only to a few hundered watts.
A better prospect is a generator, or a stack of 12V lead acid batteries
in series giving maybe 48V or 120V d.c and an invertor kit. You can buy
these ready made reasonably cheaply.

1937. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <506jia$8fp@anomaly.ideamation.com>
Source record: 217935
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <322656DA.1666@pacifier.com>,
John Nelson <johnn@pacifier.com> wrote:

>And if I don't want to operate TCP/IP on radio, then I DON'T have to
>demonstrate proficiency in its use. Fine, I can live with that. But you can
>NOT have it both ways, Michael. The same logic now applies to CW. If I'm not
>going to use it, I don't have to demonstrate proficiency in it.

Lessee... "I don't intend to build my own radio gear, so why do I need to
be tested on all that gear-building theory?" Yup, same logic applies.

"Just give me a radio and let me yack. That's all I want."

MD
--
--
-- "I have more guns than I need, and less guns than I want." -- Phil Graam
--
-- If you don't like my opinions, that's just too damn bad.

1938. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <506jrg$8gh@anomaly.ideamation.com>
Source record: 217936
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <505u57$kcn@news.ais.net>, <carl@ais.net> wrote:

>No, for the most part they're not snobs ... they're simply taking
>advantage of the fact that their governments have not created sub-bands
>for eletists like our has and that those segments are less crowded.

Really? Well I'll tell ya, I hear a lot of 5WPM code in the Extra CW
DX windows. Not.

Funny you should mention crowding. Are you now admitting that crowding
on HF is a problem?

>They operate there and say "listening on ____ kHz" so they don't get
>buried in their own pileups by the US lids who can pound CW but don't
>know squat about operating courtesy or proper proceedures. Or those
>whose speech processors and "linears" are 50kHz wide with intermods to
>the umpteenth order ...

I usually don't run into many US hams running speech processors in the
lower 25kc of the band.

MD
--
--
-- "I have more guns than I need, and less guns than I want." -- Phil Graam
--
-- If you don't like my opinions, that's just too damn bad.

1939. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <506k14$8hf@anomaly.ideamation.com>
Source record: 217937
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <505p1d$2sh@cc.iu.net>, Bill Newkirk <wnewkirk@iu.net> wrote:

>>Unfortunately, we use a volunteer-examiner system where people
>>volunteer to give amateur radio examinations. The examination
>>process needs to be relatively uncomplicated and free of anything
>>that might be "subjective" on the part of the examiner. At this
>>point, the multiple-choice examination and code examination fit
>>those requirements.
>>
>
>mike, before the FCC got out of the exam biz, they quit using CW trained
>examiners to give the test. the test proctor put the tape in the player, turned
>on the PA and played it. passed out the fill in the blank tests. graded it.

Yes... And.... What's your point? Seems obvious that you'd want to be able
to use the lowest-common-denominator of person to administer your test.
Someone with enough brains to handle the administrative chore yet doesn't
have any specialty knowledge that means you have to pay them more than
minimum wage. This is why we don't see very many MDs scooping ice cream
at the local snack shop.

MD
--
--
-- "I have more guns than I need, and less guns than I want." -- Phil Graam
--
-- If you don't like my opinions, that's just too damn bad.

1940. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <506kgl$8i7@anomaly.ideamation.com>
Source record: 217938
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <505tk4$kcn@news.ais.net>, <carl@ais.net> wrote:

>Practical exam, my backside!!!
>
>What's practical about an exam in an outdated mode?

The mode isn't "outdated".

Fact: Its in use by 38% of US amateurs on HF.
Fact: Its in use by numerous foreign amateurs.
Fact: It allows, through common symbology, two people who do not even
share the same language to communicate.
Fact: One purpose of the amateur radio service is to promote goodwill
internationally.

If you can't communicate, you can't promote international goodwill.
A CW proficiency examination tests these elements.

Is it perfect? Of course not. Just as you can take the theory exams
and know nothing about theory when you're done, you can take a CW
exam and not really "know" CW operation.

>As others have pointed out, there's NOTHING majical about CW ... it
>doesn't guarantee that you can properly operate SSB, FM, RTTY, packet,
>or any other modes used on HF,

This is true. I believe there should be practical examinations for
the other modes too. I also know that my belief is unrealistic and
will never come to fruition in today's "gimme, gimme, gimme" welfare-
state-mentality US populace.

>but it's the only one for which a test of
>"skill" is required to get a license.

Not many foreign operators use RTTY or Packet on HF. An equal number
might use SSB voice, but not necessarily in english. Thus, CW remains
a common mode of operation that should for the time being be tested.

MD
--
--
-- "I have more guns than I need, and less guns than I want." -- Phil Graam
--
-- If you don't like my opinions, that's just too damn bad.

1941. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: rob@pe1chl.ampr.org
Message-ID: <Dwy16J.FIn@pe1chl.ampr.org>
Source record: 217939
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In <cgreenha.613.32259DAE@magnus.acs.ohio-state.edu> cgreenha@magnus.acs.ohio-state.edu (Christopher K. Greenhalgh) writes:

>In article <DwwC4I.Bxu@pe1chl.ampr.org> rob@pe1chl.ampr.org (Rob Janssen) writes:

>Hello Rob.

>>"I have not tested it but it runs flawlessly". This is the comment that
>>you see from many commercial-FM-transceiver 9k6 users. Often referring
>>to a claim from others that it is inadequate.

>>However, please not that the vast majority of people who DID test it, will
>>tell you it IS inadequate.

>"Inadequate" in what way?

1. the quality of the transmitted signal is poor. just look at the eye
pattern when receiving it on another receiver.
this means you have inherent "noise" in your transmissions that causes
bit errors at the other end. you will need a stronger signal than would
be necessary with a good quality transmitter.

2. the required TXDELAY is long. in 250ms you could have transmitted 300
bytes of information, but your station is just idling through all that
time. what a waste.

>>>The only downside is I have to run a 250ms TXDELAY thru the repeater, as the
>>>PLL (of course) "sweeps" a little when switching from the TX freq, to the RX
>>>freq...and vice versa.

>>That downside would be sufficient for me not to buy it. And it should
>>be for you as well.

>Well...I certainly wouldnt pass judgement on others what to buy, but lets not
>forget...everyone has to start somewhere.

But is is a *VERY BAD* idea for everyone to start with inadequate equipment
and then later having to upgrade it to decent stuff.
Remember that most people buy these radios because they are '9600 baud
ready', which the really aren't. The money is better spent on a suitable
radio in the first time.

>>You are causing QRM on nearby channels with that sweeping transmitter
>>(which is a design problem that plagues ALL Kenwood TM-[2345][34]1
>>transceivers), and the long TXDELAY cuts into the efficiency of the
>>channel.

>With the deviation set correctly (3.0), it does not sweep outside the 5khz
>limit, but I agree that "long" TXDs affect channel effeciency.

On the 1200 MHz model, it sweeps about 2 MHz outside of the channel.
I don't know the exact figure for the 430 MHz model, but I think it
is a few hundred KHz. Put your station in some fast beacon mode (where
it transmits a packet every few seconds) and go to a nearby amateur
and tune over the band near your transmit frequency. You will be
disgusted.

>>You share the channel with everyone else, so you should be considerate.

>I run the same TXD as most users on the freq.

That is required with that transceiver because of its terrible performance.
Had you chosen a Tekk, you could be running a 10 or 20ms TXDELAY.

>>>Other than that...I like it very much, and it works well.

>>You have not tested it. How would you know?

>It works well in the regard of solid connects, and no retries with other
>stations, and when on the 9.6k repeater, results are the same.

Please send a 200K file to one of your fellow amateurs, and report us
the total number of retries during that file transfer and the effective
bitrate you have achieved for transferring the entire file.
We don't mind if you take a few weeks before you publish the results
because I'm sure you will be disgusted when you look at the first test
results and you'll want to tweak everything you can to publish something
that won't make you blush.

Good luck!

Rob
--
+-----------------------------------+---------------------------------------+
| Rob Janssen pe1chl@amsat.org | BBS: +31-302870036 (2300-0730 local) |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+-----------------------------------+---------------------------------------+

1942. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: rob@pe1chl.ampr.org
Message-ID: <Dwy6Kq.GCK@pe1chl.ampr.org>
Source record: 217940
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In <5052ke$dmd@abyss.West.Sun.COM> myers@West.Sun.COM (Dana Myers) writes:

>I have a TR-2600, and I was interested in knowing why it always had a
>'click' on the transmitted audio at keyup time. I noticed the click
>was audible on nearby frequencies, too, and suspected the PLL
>settling was to blame.

>So, I connected the discriminator output of a test receiver to a scope
>and tuned it 100KHz away from the HT's transmit frequency. Guess what?
>I could clearly see the HT sweeping through the passband on key-up.

>So I tuned 200KHz away. Same thing.

>I estimated the HT was swinging about 300KHz on the initial overshoot.

>That's a lot.

>Interestingly enough, the PLL in the TR-2600 does have a lock detect -
>it just isn't very picky about how locked the PLL is. It is really there
>to avoid transmitting when the PLL is completely failed.

This lame design seems to be Kenwood's favourite.
The TM-[2345][34]1 series suffer from it as well.

Because of an unfortunate decision a long time ago, many nodes in
the Netherlands use Kenwood TM-531E transceivers for (at least part of-)
their 1200 MHz links to neighboring nodes.

When you are living near such a node, a 2-3 MHz band segment around the
transmit frequencies of the node is filled with 'static' caused by the
several transmitters keying up and sweeping to their operating frequency.
Of course, the links are busy and each transmitter keys at intervals
at most 10 seconds apart.

Even worse: when a node has more than one link roughly in the same
direction, e.g. a link to a neighboring node and a link to a nearby BBS,
the transmissions on one of the links cause data corruption at the
remote receiver on the other link.

This is not theory, it has been directly proven in practice.
(switch off one of the link, and the quality of the other link improves!)

Using the 70cm version of these transceivers (for user access) has
exactly the same problem because different frequencies are in use for
each neighboring node, and the sweeping over the band during keyup
will cause QRM in the neighboring node's area.

Rob
--
+-----------------------------------+---------------------------------------+
| Rob Janssen pe1chl@amsat.org | BBS: +31-302870036 (2300-0730 local) |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+-----------------------------------+---------------------------------------+

1943. Re: Code debate

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: rcrii@juno.COM
Message-ID: <19960830.093039.12478.5.rcrii@juno.com>
Source record: 217941

Iv'e been interested in reading all the messages about no-code verses
code.
I'm a general class operator who practiced code to pass an exam. At the
time
it gave me a feeling of commitment and challenge, for this I appreciate and
respect my license. I have to wonder what amateur radio is all about, in
the
light of this debate. For me the meaning of Amateur Radio has always been, a
challenge to learn new things. Anyone can pick up a mic and talk. If it was made
this simple then the telephone would be sufficient for your needs. At
this time,
I don't use morse as a means of communicating but I understand and appriciate
the reasons that I learned it.
I guess there are differnt types of people, some who accept challenge and
those who
complain about it.
Ron N8TPM

1944. Re: Away a while... got a packet question.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: brian@nothing.ucsd.edu
Message-ID: <506qs9$k0h@news1.ucsd.edu>
Source record: 217942

In article <01bb9569$9ccce900$4c9be7ce@ryant> "Ryan Tourge" <ryguy@netheaven.com> writes:
>I have not been radioactive for awhile, and was wondering what baud rates
>are packet TNC's using now?

Most are 1200 bps, and on occasion actually achieve some semblance of
that speed.

A few people in some communities are experimenting with 9600 or 19200 bps,
but there are very few radios on the market that work well at that speed
(most take far to long to switch from Rx to Tx or back). The TEKK data
radio and a PacComm TNC with 9600 bps modem is a winning combo, for less
than $400 if prices are what I remember them to be.

The GRAPES 56kb modem kit is still available, but it's not a TNC. It
plugs into a special adaptor card in your PC and needs a transverter,
so it's about $500 to $700 to get it on the air from zero. But FAST!
- Brian

1945. Re: Available 1 x2 & 2 x 1 Extra Class Calls

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: wa1uar@eecorp.com
Message-ID: <506sts$tnh@decius.ultra.net>
Source record: 217943

In article <505ms4$18se@mule0.mindspring.com>, thompson@atl.mindspring.com says...
>
>fmorris@prysm.NET (Frank C. Morris, N5YZM) wrote:
>
>>Does anyone know where there is a list on the Internet of all of the
>>available 1 x 2 and 2 x 1 Extra Class Calls? Your help will be greatly
>>appreciated.
>
>>73's DE Frank, N5YZM...
>
>Be careful of some of the lists. SAM for example does not list club
>stations. I saw a list with W4NT on it and that call is the
>Southeastern DX Club.
>

Once you pick about 30 candidates, use the callsign database at the
University of Arkansas to look them up. It is updated daily directly
from the FCC database. It is at http://www.ualr.edu/~hamradio/
That way, you can see if any of the so called "available" calls have
been issued recently. A couple that were on my list as available have
been issued. Like W1HQ, W1HP, W1US and a few others. W1HQ was issued
August 20'th...

--

========== Give every man his Dew ==========
Michael A. McCarthy
Everest Engineering Corporation, Consultants
4 Barnes Circle, Marlborough, MA 01752
(508) 460-6737
E-mail to wa1uar@eecorp.com

1946. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: cgreenha@magnus.acs.ohio-state.edu
Message-ID: <cgreenha.620.3226FE62@magnus.acs.ohio-state.edu>
Source record: 217944
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <504nok$b7j@abyss.West.Sun.COM> myers@West.Sun.COM (Dana Myers) writes:

[snip]

>It isn't just my opinion, Chris. Ask someone like Kantor or Janssen
>or Coffman (you know, other people with networking and packet experience).
>The answer won't be that different.
>--
> * Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
> * (310) 348-6043 | not be interpreted or represented as *
> * Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

Ok Dana...whatever you say...thanks for the input, & take care.

Christopher K. Greenhalgh, N8WCT
Computer/Electronic Tech. II at The Ohio State University
E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

1947. Correction On Worked South America Certificate URL....

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: k5odz@aol.com
Message-ID: <506r8r$3eu@newsbf02.news.aol.com>
Source record: 217945

The Worked South America (WSA) certificate is available to all radio amateurs who have contacted the 13 countries in South America. Checkout: http://www.hic.net/tomcat/Index.shtml

73's & gud DX,

k5odz@aol.com

p.s. My provider changed the page counter rules for me, so I had to add an "s" before html....sorry 'bout that.

1948. Re: Amateur Radio Newsline Financial problems

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: pschleck@oasis.novia.net
Message-ID: <506vno$51m@oasis.novia.net>
Source record: 217946

In <500gfq$pn3@newsbf02.news.aol.com> lhc007@aol.com (LHC007) writes:

>
>Below is an excerpt from this weeks Amatuer Radio Newsline. Having heard
>this last Sunday on our weekly local net and again having read the
>original posting tonight, I have been struck by the same thought...

>Since becoming a Ham I have also been a member and supporter of the ARRL.
>The Newsline seems to me to be just the kind of Amatuer community service
>that I would exepct the ARRL to recognize and actively support. The
>Twelve thousand dollars that would keep the newsline in operation for a
>FULL YEAR cannot be that large an amount to the ARRL.

>I would like to use this forum to publicly ask the ARRL to make a major
>donation, if not an outright subsidy to the Newsline folks and would ask
>other amateurs to write the ARRL and ask the same.

>Thanks!

>N9YFK

One potential pitfall that you hadn't considered is with regards to editorial autonomy. Newsline has always been able to give unbiased news about amateur radio, and considered no group or individual a sacred cow, not even the ARRL. I recall a similar proposal made shortly after it was announced that the Simtel20 archive of MS-DOS programs at the White Sands Missile Range was going to be a victim of government budget cuts. Someone suggested that Microsoft sponsor a new site, as they were in the PC software business. This was promptly laughed off the net with the rebuttal argument that Microsoft was not an unbiased player in this field, and its ability to unselfishly make available large amounts of free software (some of which may be in direct competition to its own commercial products) would be in serious doubt.

So, while I have nothing against the ARRL, I do know that any large, successful organization is very careful about its own image-management, and how it spends its funds. Somehow I don't think that, even if the ARRL does agree to sponsor Newsline, that the editors of Newsline would be willing to operate under the inevitable conditions and editorial review that the ARRL would probably demand.

As for supporting Newsline personally, I'll send them an extra $20 in addition to my usual annual donation. If enough individuals do that, we may save Newsline after all. At the very least, we can help them cover their current debts for their excellent service to the amateur community in the past.

--
73, Paul W. Schleck, KD3FU
pschleck@novia.net
http://www.novia.net/~pschleck/
Finger pschleck@novia.net for PGP Public Key

1949. Final Reminder - Ton O' Radios Special Event

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: eldridge@cax.ES.xerox.COM
Message-ID: <322704EF.3CC2@cax.es.xerox.com>
Source record: 217947

The Xerox Amateur Radio (XAR) club WD6CZH will be running the "Ton O' Radios" special event station this weekend. Our goal is to work over 2,000 pounds of radios. The exchange is your callsign and the weight of the transmitter and receiver (or transceiver) used to make the contact.

Time: 1600-2400 UTC
Date: 31-Aug-96
Freq: General portions of the 40M, 20M, and 15M bands
Novice portion of 10M band
WD6CZH repeater (near LAX) 449.325- 114.8PL

For a certificate, send a 9x12 inch SASE to XAR, 6940 Bacarro St., Long Beach, CA 90815-4805

1950. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: cgreenha@magnus.acs.ohio-state.edu
Message-ID: <cgreenha.621.3227010A@magnus.acs.ohio-state.edu>
Source record: 217948
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <5052ke$dmd@abyss.West.Sun.COM> myers@West.Sun.COM (Dana Myers) writes:

>>Ignorance is Bliss!!!! And no excuse for running inadequite radios on
>>the network.

>Isn't that essentially what I said? ;-)
>--
> * Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
> * (310) 348-6043 | not be interpreted or represented as *
> * Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

I would like to offer my apoligies to Rob and Dana for not entering into a new
field with the absolutly best equipment money can buy on the planet.

If that is their definition of "ignorance"...I am guilty.

Take care all.

Christopher K. Greenhalgh, N8WCT
Computer/Electronic Tech. II at The Ohio State University
E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

1951. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: little@pecan.enet.dec.com
Message-ID: <5070t6$qpc@usenet.pa.dec.com>
Source record: 217949
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <506jrg$8gh@anomaly.ideamation.com>
kd1hz@anomaly.ideamation.com (Michael P. Deignan) wrote:

> Funny you should mention crowding. Are you now admitting that crowding
> on HF is a problem?

Only to the extent that a rather large or certainly noticable boorish
segment of the amateur population feels the need to jump on any
DX to either collect one more piece of wall paper or prevent
someone else from getting their piece of wall paper.

In general there is plenty of available HF bandwidth depending upon
your needs. If you need is DX communication, then at this time in
the solar cycle we get squeezed a little, plus add in all the egomaniacs
that get on many weekends with their array of towers and amplifiers
to make points, and HF spectrum gets tight. But right at the moment
(8/30/96 1520 UTC) there is plenty of unused HF spectrum (VHF and UHF
too!)

73,
Todd
N9MWB

1952. 28 MHz Meteor Scatter Skeds WTD

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: YPAK35A@prodigy.com
Message-ID: <50711n$dgc@usenetz1.news.prodigy.com>
Source record: 217950

I am hunting stations that are interested in running 28 MHz Meteor scatter skeds on SSB. I am located in South Ms. and am set up for MS on this band. New commers to MS work are welcomed ! Please e-mail me and include the gear you are running, your antenna, and your location. All responses will be answeared. I would like to run these skeds at around 1200 UTC on the weekends. I think you will find MS work interesting. - Larry, wb5kyk

1953. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: jwkelley@e4e.oac.uci.edu
Message-ID: <5071vf$7q4@news.service.uci.edu>
Source record: 217951
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <506jia$8fp@anomaly.ideamation.com>,
Michael P. Deignan <kd1hz@anomaly.ideamation.com> wrote:

>Lessee... "I don't intend to build my own radio gear, so why do I need to
>be tested on all that gear-building theory?" Yup, same logic applies.

Not to the FCC, it doesn't! They get kinda picky when someone talks about operating a transmitter. FCC licenses are required to operate higher power transmitters. There is no license required to _build_ a 50 Kilowatt commercial broadcast transmitter - just one to operate it on the air. But the FCC no longer requires Morse code proficiency to operate, build or repair a transmitter - the lone exception being the amateur service. The amateur service itself has been the one pushing to retain the code requirement. The FCC felt it was a moot issue long ago.

Anyone find it ironic that some of the commercial service repeaters still ID in Morse code, yet ostensibly no one in the service knows Morse code?

>"Just give me a radio and let me yack. That's all I want."

Are you implying with this sarcasm that you personally do something with your radios OTHER than "yack" on them? The whole thing sounds kinda perverse to me.

>MD

JK
AC6XG

1954. Re: Code debate

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: Cecil Moore <cmoore@sedona.intel.com>
Message-ID: <32270DBD.2130@sedona.intel.com>
Source record: 217952

Ron C Rohrbaugh II wrote:
> Iv'e been interested in reading all the messages about no-code verses
> code.

I wish everybody would post them where they belong on r.r.a.policy
and not here on r.r.a.misc. r.r.a.policy was created for the purpose
of offloading Morse code/CW/policy discussions from this newsgroup.

> For me the meaning of Amateur Radio has always been, a
> challenge to learn new things.

Me too, but Morse code is certainly not new. Question is: Would you
rather learn old things like how to build a vacuum tube by hand or
new things like how to program a DSP engine?

73, Cecil, W6RCA, OOTC (not speaking for my employer)

1955. Re: Wiring new house...

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: ccart@erols.com
Message-ID: <5074rm$k4f@test-sun.erols.com>
Source record: 217953

Rob Roy Jones (rrj@austin.ibm.com) wrote:
: My wife and I are having a house built and it's almost at
: the point where they can begin sheetrock. My question is
: this. My shack will be in the study on the second floor.
: I have the opportunity to run coax from the study to the

While the walls are open I would (and have) run PVC conduit from
the "shack" to whereever the tower/antenna/whatever is going to be,
you might even want to do this in more that one room. Seems no matter
what cable you put in originally, it needs to be something different in
a few years. If you don't use it just cap it off for the next lucky
soul who buys the house. Use as large a conduit as possible, it doesn't
take long for a few runs of LMR-400 to fill up the pipe. Remember, you
can never have "too many" antennas.

: Has anyone done this before and am I going on the right
: track? We've installed Kool-Ply (tm) in out attack so

As I've said, I did it but now the ex-XYL has a house that's *very*
easy to run coax, ladder, etc in. :-(I'm stuck in a townhouse with
a "no-tenna" covenant and no good way to get ladder line to my attic.
Guess I have to "remodel" the house so I have an excuse to put in
conduit, wire, generator...

-good luck, 73's

-- Christopher Cartwright, Tech. Engineer | ...our chief weapons are fear,
-- Voice 301.295.0809 N3XRV | fear and surprise, and nice
-- Mail dsc3cjc@imc220.med.navy.mil | red uniforms, oh damn!!
-- ccart@erols.com | -- Monty Python

1956. Re: THe THe The THe

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <5070fj$11o@freenet-news.carleton.ca>
Source record: 217954

> What about "the name on this end"? You hear that a lot too.
>
> And while the subject is being discussed, I'd like to know about
> guys who say "we" when they mean "I." This gets on my nerves
> more than the thought of someone eschewing ownership of his own
> name. "We had to go to the dentist yesterday..." sounds like
> some sort of odd problem where the whole family had to go at the
> same time. But even when I hear this, I'd rather not dwell on
> it; I'm interested in radio as a means of meeting and visiting
> with people and chatting about technical matters, not to teach
> the world about language. But sometimes it's so tempting to
> ask for clarification: "you said Y'ALL went to the dentist; did
> the whole family come along?"
>
> 73
>
> --
> ....Monty.
> mwilson@flex.net
>
>
Second person plural form is the polite form. Perhaps these people are
being polite with you but you are hung up on Bertisms.

--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

1957. Wiring new house...

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: Rob Roy Jones <rrj@austin.ibm.com>
Message-ID: <Pine.A32.3.91.960830102502.3534k-100000@orthanc.austin.ibm.com>
Source record: 217955

Greetings,

My wife and I are having a house built and it's almost at
the point where they can begin sheetrock. My question is
this. My shack will be in the study on the second floor.
I have the opportunity to run coax from the study to the
outside. I'm going to do my best to keep it from other
wiring. I also was planning on putting a plate on the
outside wall with an SO-239 (?) connector so I could
just hook up whatever I decided to string up as an
antenna.

Has anyone done this before and am I going on the right
track? We've installed Kool-Ply (tm) in out attack so
I don't really think an attic antenna is in order.

I'd appreciate any feedback on this. Thanks!

-Rob

****
Rob Jones 1-512-823-6837 KC5KSE
IBM-Austin Distributed Storage Management

1958. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: jwkelley@e4e.oac.uci.edu
Message-ID: <50729l$819@news.service.uci.edu>
Source record: 217956
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <506jrg$8gh@anomaly.ideamation.com>,
Michael P. Deignan <kd1hz@anomaly.ideamation.com> wrote:

>Funny you should mention crowding. Are you now admitting that crowding
>on HF is a problem?

Yes, it has 1 Hz too many operators.

jk

1959. Re: Looking for Icom 2340 Mod

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: wevans2@pen.k12.va.us
Message-ID: <DwyI9r.12qp@pen.k12.va.us>
Source record: 217957

This is Wilbur (kr4ad). You may send the modifications to:
wevans2@pen.k12.va.us Thanks again.

=Wilbur

1960. Re: ICOM 740 problems / manuals

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: valet-info@svcdudes.com
Message-ID: <valet-info-3008961054240001@ppp16.humboldt1.com>
Source record: 217958

In article <500hpf$205@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net wrote:

> gvang@seine.com wrote:
>
>
> >I have recently acquired an IC740 which has no mic gain, and has some
> >output when I engage the compressor. The mic is good as it was tried
> >on another ICOM "worked fine". Don't need it much as I work CW
> >when I do operate "mostly" .
>
> >Would like to get some manuals operator and technical manual.
> >Copies would be fine.
>
> >please respond here or by e-mail gvang@seine.com
>
>
> >Tnx
>
> >K5FQ
> >Gene
>
> Gene, give Icom America a call and ask for tech support. They are very
> helpful and happy to give you the fix for most common problems over
> the phone.
>
> 73, Jim KH2D

Gene, I have a 740. Can copy manuals for you. Let me know what you want to do.

1961. Re: ICOM 740 problems / manuals

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: valet-info@svcdudes.com
Message-ID: <valet-info-3008961055450001@ppp16.humboldt1.com>
Source record: 217959

In article <500hpf$205@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net
wrote:

> gvang@seine.com wrote:
>
>
> >I have recently acquired an IC740 which has no mic gain, and has some
> >output when I engage the compressor. The mic is good as it was tried
> >on another ICOM "worked fine". Don't need it much as I work CW
> >when I do operate "mostly" .
>
> >Would like to get some manuals operator and technical manual.
> >Copies would be fine.
>
> >please respond here or by e-mail gvang@seine.com
>
>
> >Tnx
>
> >K5FQ
> >Gene
>
> Gene, give Icom America a call and ask for tech support. They are very
> helpful and happy to give you the fix for most common problems over
> the phone.
>
> 73, Jim KH2D

Gene, I--gi@humboldt1.com--have a 740 with manuals. Let me know if you
still need copies.

1962. Re: Burt talks to God.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <507188$1d6@freenet-news.carleton.ca>
Source record: 217960

>
> I was married in Kotzebue, the real Alaska. My message promotes dialogue,
> your attitude about messages promotes boredom.

You promote nothing, you sour.
You do not teach, you indoctrinate.

If anyone in this newsgroup is harbouring repressed feelings from a fallen
relationship, Burt, it is you. And for that I empathize and realize that
you are projecting your own insecurities and identifying hams as an alterego.

To anwer your email of past, yes I do drink alchool occaisionally. Are
you implying that I drink too much? Please, read above.

--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

1963. Re: Anonymous poster caught: J. Mackey (was: Re: CB repeaters)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: John Mackey/KA0SSF <nothing@anywhere.edu>
Message-ID: <3227291B.4A3B@anywhere.edu>
Source record: 217961
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Bert wrote:

> From all your moronic rantings in usenet and fidonet, it is clearly
> evident YOU are the idiot. Seek out a local mental health center,
> and soon!

Then go suck an egg if you don't like my comments & stop clicking on
my threads, FOOL.

1964. Re: Mars MOD for FT50-r

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: nstacey@crl.com
Message-ID: <507cua$86o@crl10.crl.com>
Source record: 217962

KPlumb (kplumb@aol.com) wrote:
: Im looking for mars mod for ft50-r. Please post.
: 73"s
: Kevin Plumb N2WFS
: kplumb@aol.com

this brings up a good point, should MARSmods be made public?

N6ZVZ/
NNN0FOH

1965. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: steve <kd6fyk@wco.com>
Message-ID: <32273F43.5474@wco.com>
Source record: 217963
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Buddy Sohl wrote:
>
> >In <500oei$qaj@news.ais.net>, carl@ais.net writes:
> >>The point is that the ARRL and its membership (even if you count the
> >>majority who really just "subscribe to QST" as "members") are a very
> >>modest minority of the licensed ham radio operators. Actually, I think
> >>they've got a lot of huevos passing themselves off as the "spokesman for
> >>the ham community at large" ...
>
> The point that the ARRL is the largest coordinated group representing
> amateur radio is enough merit in itself to be a member. If you
> believe in amateur radio and want to protect the service AND you are
> not a member of the League, then you're only rowing with one oar. To
> belong to an organization does not mean you agree on all points. But
> to be on the sidelines and bitch shows a lack of character and
> definitely a lack of say in the Leagues business.
>
> Compare this to the ballot box. If you don't vote, don't bitch. If
> you don't belong to the ARRL go get a 27 Mhz radio and join the rest
> of the whiners. My .02
>
> 73 de KC4WQ

i do not always vote and it's an american right to bitch if i want to.
i will never join the arrl as it is just another political waste.

73 steve cm88ll
why do narrow minds fit in big heads?

1966. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug30.172602.13596@ke4zv.atl.ga.us>
Source record: 217964
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <501o8k$4fi@nnrp1.news.primenet.com> n7ory@primenet.com (Rob Neff) writes:
>jbaltz@news.cs.columbia.edu (Jerry B. Altzman) wrote:
>
>>In article <4vv6h2$jp0@nnrp1.news.primenet.com>,
>>Rob Neff <n7ory@primenet.com> wrote:
>>>With radios Gary, there are no bullets, no blunt force trauma, no
>>>observable means of harm what-so-ever at amateur levels, other than
>>>possible rf burns. So, what part of prove it do you not understand?
>
>>Umm..Rob, come over here. I have this 1000 W microwave transmitter. Would
>>you like to stand in front of the dish when I transmit?
>
>Re-read the post Jerry. I'm sure you'll notice the line that says
>"other than possible rf burns."

Oh don't worry about that, Rob, we'll let you stand far enough
back so you won't get an RF burn. Just stare into this open
waveguide for a few minutes. It won't arc and cause a RF burn,
but it will certainly cook the lenses of your eyes. The 800 watt
uplink transmitter on our live truck cooks hotdogs, and it'll
cook you too if you stand in front of its dish. A VHF transmitter
will do that too if you stand near enough to its antenna. Even a
10 mW gunnplexer will do it if you hold it right up to your eye.

It's just a matter of achieving sufficient SAR to the affected
tissue. That's determined by the inverse square of the distance
from the source, power level, absorption quality of the material
at the particular frequency, and the ability of the affected
tissue to reject heat. The lens of the eye is most susceptable
because it has no blood vessls to carry away the heat, and it
is of low mass, so the 8 watts/kg limit can be easily exceeded
with a power flux well below 8 watts. The lens masses about
2 grams.

The less power you run, the closer you can get to the antenna,
and vice versa. That's what the exposure standard is all about,
keeping you far enough away to get the field intensity levels
down to where you can handle them. RF can penetrate below the
surface of the body, and whole body bulk heating effects aren't
the only ones of concern. As mentioned, the lens of the eye is
particularly susceptable, but there are parts of the body even
smaller which can be affected by even lower power levels.

Inside the cell, cooking a single tiny strand of DNA is sufficient to cause a mutation. Most times that mutation may not matter, some of the time the cell will die, but on occasion the mutation will be such that uncontrolled cell division is started, and that's called cancer. How much power density is required to cook a microgram of DNA? Not very damn much.

And cooking isn't the only effect. In vitro experiments show that a mere E-field potential, and a darn low one at that, can cause visible effects on cell mitochondria during cell division. For rapidly dividing cells, like the red and white blood cells, or spermatozoa, the statistics say the effects can be catastrophic, IE our old friend cancer again. For slowly dividing cells, the odds of a harmful mutation are very much reduced since there are fewer chances for one to occur.

This should not be a surprise. If you've ever done chromatography, you know that it only takes a very small potential to have effects on organic chemicals. This is mostly a concern at ELF where biological chemical reactions occur at approximately the same rate as field changes. But if the cell electrolyte acts as a rectifier (and it can in the microchannels which allow ATP to migrate through the cell wall), then high frequency pulsed fields can have much the same effect. That's why pulse rates in the 5-15 pps range are dangerous.

Now we'd expect any mutations caused by the mechanisms mentioned above would be fairly random in nature, IE any given mutation may not lead to cancer, but some (at least one) can. Just as it may be unlikely for you to roll seven three times in a row in craps, it is unlikely that any given mutation will be the cancer causing one. But if you roll the dice enough times, probability theory says you eventually *will* roll those sevens. Exposure rate and exposure time increase the number of rolls occurring in the body. The larger the number of rolls thrown, the better the odds become that you'll roll a winner.

You could be "lucky", and throws one, two, and three are the sevens. In which case, you get cancer right away. Or your luck might be "bad", and the sevens won't come up until your 500,001, 500,002, and 500,003 rolls. That might mean you'd show no apparent harm for years. You might even die from some other cause first. Probability theory can't tell us which set of rolls will be the magic ones, only that they are virtually certain to occur if you roll enough times.

To improve our odds, we need to keep the number of rolls to a minimum, hence we set prudently low exposure standards. That's no guarantee that we won't be "lucky" right out of the chute, however. Probability theory can't predict what happens to individuals, only the statistics of large numbers can be precise. And they can be precise indeed, that's how actuaries keep insurance companies solvent.

If you demand a standard where you can say "above this level you get cancer, below this level you don't" to an individual, you won't get it. It doesn't work that way. But you can say that for a given

exposure level to a large population, X number will get cancer on average while at a different exposure level Y number will get cancer on average. You can then attempt to set exposure standards where X or Y will be "acceptable" numbers on average. What's acceptable? That's a subjective call, but increases over that of the unexposed population of 2 to 3 times is generally considered unacceptable, *even if the absolute numbers are small*, if the costs of reducing the risk is also acceptable.

This gets into calculating how much a human life is worth. There are philosophical and religious arguments about this, but the actuaries have some cold numbers they're willing to apply. The rough estimate is that a human life is worth about $1,000,000 prorated over 74 years. So if the costs per life saved of the mitigation steps are less than $1,000,000 (prorated), it is worth doing.

In other words, the risk of heart disease is 1 in 4, so very large amounts of money should be spent for mitigation. The cancer risk to amateurs from RF exposure may only be 4 per 100,000 (Milham's numbers) so proportionately less should be spent on mitigation.

Since any possible costs of the FCC's RF exposure standards for amateurs are far below this number for any reasonable assumption of the odds of risks incurred, it is worth doing.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1967. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: kc4wq@mis.net
Message-ID: <32271101.796487@netnews.mis.net>
Source record: 217965
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

>In <500oei$qaj@news.ais.net>, carl@ais.net writes:
>>The point is that the ARRL and its membership (even if you count the
>>majority who really just "subscribe to QST" as "members") are a very
>>modest minority of the licensed ham radio operators. Actually, I think
>>they've got a lot of huevos passing themselves off as the "spokesman for
>>the ham community at large" ...

The point that the ARRL is the largest coordinated group representing
amateur radio is enough merit in itself to be a member. If you
believe in amateur radio and want to protect the service AND you are
not a member of the League, then you're only rowing with one oar. To
belong to an organization does not mean you agree on all points. But
to be on the sidelines and bitch shows a lack of character and
definitely a lack of say in the Leagues business.

Compare this to the ballot box. If you don't vote, don't bitch. If
you don't belong to the ARRL go get a 27 Mhz radio and join the rest
of the whiners. My .02

73 de KC4WQ

1968. FCC: Sell or Rent?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: Philip.Wheatley@ColumbiaSC.ncr.com
Message-ID: <DwyHFE.D5M@ncrcae.ColumbiaSC.NCR.COM>
Source record: 217966

Not the perfect group I know, but sometimes seems knowledgeable anyway.

Question: On the FCC frequency auctions, when a company `buys' a segment of frequency
do they get it forever? Or just for a period of years? If its bought forever,
could they turn around (like land developers) and subpartion and resell?
So all the $$$ brought in by the FCC auctions a one time thing?

If its a `rental' what keeps (stupid) people who bought, devices using
a part of the spectrum, from using their devices after the `lease' (the company has
on the spectrum) is up?

Can the Government/FCC ever TAKE the frequencies back? (Through no fault of the purchaser)

#include <std_disclaimer.h>

Philip.Wheatley@ColumbiaSC.ncr.com
(803) 939-6837
aka KF4EZC

1969. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <507c7d$plk@abyss.West.Sun.COM>
Source record: 217967
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <32271101.796487@netnews.mis.net>, Buddy Sohl <kc4wq@mis.net> wrote:
>>In <500oei$qaj@news.ais.net>, carl@ais.net writes:
>>>The point is that the ARRL and its membership (even if you count the
>>>majority who really just "subscribe to QST" as "members") are a very
>>>modest minority of the licensed ham radio operators. Actually, I think
>>>they've got a lot of huevos passing themselves off as the "spokesman for
>>>the ham community at large" ...
>
>
>The point that the ARRL is the largest coordinated group representing
>amateur radio is enough merit in itself to be a member. If you
>believe in amateur radio and want to protect the service AND you are
>not a member of the League, then you're only rowing with one oar. To
>belong to an organization does not mean you agree on all points. But
>to be on the sidelines and bitch shows a lack of character and
^^^^^^^^^^^^^^^^^^^^^^^^
>definitely a lack of say in the Leagues business.

It is too bad that it has become so popular to interpret
"lack of agreement on an issue" as a "lack of character".
If someone doesn't agree with the ARRL, doesn't want to support
the ARRL, and wants to voice concerns anyway, how does that
show a "lack of character"?

I'm an ARRL member and I strongly support the publishing/education
efforts of the ARRL. I also recognize the ARRL is the de facto
lobbying representation of amateur radio in Washington. However,
I was apalled at the way the 'Little LEO' issue was handled, and
then e-mail contact with David Sumner concerned me further. I
could understand someone not wanting to support the ARRL, and
I don't believe that means that person lacks character.

>Compare this to the ballot box. If you don't vote, don't bitch. If
>you don't belong to the ARRL go get a 27 Mhz radio and join the rest
>of the whiners. My .02

So, if someone doesn't belong to the ARRL, they are not entitled to
write the FCC directly? If someone doesn't belong to the ARRL, they're
automatically a 'whiner' and not entitled to operate on amateur
frequencies?

I can see that objectivity isn't one of your strengths ;-).

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *

```
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *
```

1970. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <5074ih$nj0@abyss.West.Sun.COM>
Source record: 217968
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <cgreenha.621.3227010A@magnus.acs.ohio-state.edu>,
Christopher K. Greenhalgh <cgreenha@magnus.acs.ohio-state.edu> wrote:
>In article <5052ke$dmd@abyss.West.Sun.COM> myers@West.Sun.COM (Dana Myers) writes:
>
>>>Ignorance is Bliss!!!! And no excuse for running inadequite radios on
>>>the network.
>
>>Isn't that essentially what I said? ;-)

>I would like to offer my apoligies to Rob and Dana for not entering into a new
>field with the absolutly best equipment money can buy on the planet.

What is with the patronizing attitude?

Someone asked if PLL radios are suitable for 9600 baud.

You authoritatively answered "Yes, my Kenwood works flawlessly".

Several people disagreed with you, and you argued with them, continuing
to claim your radio works flawlessly.

No one, certainly not me, is saying people should start out with the
very best equipment possible - that's your own red herring argument.

If someone is starting out, they're best off if they select the
equipment that works well with a minimum of fuss. This doesn't
mean they have to spend a lot of money - a Tekk radio sells new for
something like $100 and is ideal for 9600 baud, but a fancy
Kenwood sells new for something like $400+ - but it does mean
they should practice some care in the selection of equipment.

There's really no need to become patronizing, Chris.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

1971. Re: Mars MOD for FT50-r

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: ahackney@heart.net
Message-ID: <322742cd.15385329@news.heart.net>
Source record: 217969

On Fri, 30 Aug 1996 02:58:00 GMT, pacrimgolf@kuentos.guam.net (Jim Kehler) wrote:

>kplumb@aol.com (KPlumb) wrote:
>
>>Im looking for mars mod for ft50-r. Please post.
>>73"s
>>Kevin Plumb N2WFS
>>kplumb@aol.com
>
>Cut diode D16 on the main board.
>
>
^^^^^^^^^^
Uhhhhhhhhh hmmm well on my radio there was no diode to be cut....just a solder pad jumper to remove.... here's the complete file as sent to me by KE6VVW.

I have done all of these, including the mod with the computer software and it all works. ***I love my ft-50r!!!***

The (In)Complete Guide to the Yaesu FT-50 Version 1.1

Compiled by Bill Childers, KE6VVW

Disclaimer & Other Nonsense
The information in this document is a guide to the FT-50 ONLY. Having had more than a few radios in my amateur experience, I understand how most hams wish to learn as much about their rigs as possible. I have compiled this guide to allow other people to learn more about the radio without having to search all over for information. I do not guarantee the validity of this information, as Yaesu may change programming or hardware so that some of the techniques in this document may cease to function. I am not responsible if these instructions damage your rig in some way. All I can say is that I have performed the following procedures to my unit, and I am quite pleased with the results. Your mileage may vary, etc.

History

Version 1.0
1st introduced.

Version 1.1
Added: Game mode, Changed High Power Mod to "Internal System Alignment". In this section I also detail the squelch and S-meter adjustments. Also added info to the bug on the FTT-12 Keypad.

Version 1.2
Added: Bob Gudgel's Hardware Jumper Descriptions.

Introduction
The Yaesu FT-50 is perhaps the most unique VHF/UHF Handheld manufactured today. It's made to MIL-SPEC 810, for dust, splashproofness, and vibration. Out of the box, it has not only dual band 2m/440 capability, but wide FM receive and AM receive as well. In addition, it receives 76-200 MHz, 380-500 MHz, and 700-900 MHz (Cellular Blocked). It has one of the fastest scan speeds for an amateur HT. It also has the unique ability (w/ ADMS-1C software) to interface with an IBM PC running Windows and have memories and settings uploaded/downloaded. In addition, it has DCS (digital coded squelch), ARTS (auto-ranging transpond system), and Yaesu's excellent transmit and receive battery saver features. It also uses Yaesu's extremely efficent FET power module that allows for 5W+ of output power with a 9.6V battery pack. With the optional FTT-12 keypad, the unit also performs CTCSS decode, DTMF paging, and also incorporates a Digital Voice Recorder! All of this functionality in such a small package makes it my rig of choice.

Problems (Bugs)
Unfortunately, the FT-50 is plagued by a few bugs. None of them are very serious or life-threatening, just a bit annoying. First among them is its Wide-FM receive. Apparently Yaesu engineers didn't put a wide enough filter in the unit, and some of the bandwidth of broadcast FM signals gets "chopped off". This means that the rig is near useless for listening to music on the broadcast FM band. It works marginally with voice only on the same band. My opinion on this problem: If you want to listen to music, bring a small Walkman or other transistor radio with you. The '50 does an adequate job of bringing voice signals in on broadcast FM, so it's good for listening to emergency broadcasts.
The second "bug" lies in the optional FTT-12 keypad. The manual for the radio states that you can set up a "voice mail" type of functionality that lets your radio operate unattended and record calls for you. This mode doesn't work correctly, although the built-in voice recorder works great. It seems that the unit will playback the wrong voice partition. The problem appears to be in the DTMF page-answer-back area. If you're buying the '50 and FTT-12 solely for this purpose, DON'T! It doesn't work and there's no current workaround.
The third bug has been complained about a bit. It seems that some '50s suffer from a low Tx audio problem. This is due to a factory adjustment that is set a bit on the low side. It is easily fixed. (See Factory Adjustments below).
The fourth "bug" is synergistic with the ADMS-1C software. If there is some kind of problem in downloading a file to the radio, the software aborts with an error, and the rig is left with it's memories cleared in a "limbo" state. This state is actually the European band plan, and if done properly, the rig can be modified to receive even more frequencies... which will be described later. (See modification

section) However, if you want to return the rig to its natural state, simply download a blank frequency file (NONAME.RDF) to the unit. All should be well.

Factory adjustments
If your rig suffers from the low Tx audio problem, here's how to fix it.

1. Remove the battery and antenna.
2. Remove the "NiCd" sticker on the heat sink. If you remove it very carefully, it's possible to re-install it later with the same stickum that's on it.
3. Look in the cavity where you removed the sticker. Proceeding from left to right, here's what you'll see...
Phillips head Screw (Holds the keypad in)
Small Silver Potentiometer (VR1001-VHF Deviation Adjustment)
Small Silver Potentiometer (VR1002-UHF Deviation Adjustment)
Small White Potentiometer (TC1001-DONT TOUCH! CTCSS Tone Adjustment!!!)
Phillips head Screw (Holds the keypad in)
4. Take a small Phillips head Screwdriver and turn both VR1001 and VR1002 about 1/8 turn clockwise. This will increase the VHF and UHF deviation and fix the low Tx audio problem. If it's not enough Tx audio, simply turn both pots another 1/8 turn. Make sure to turn both pots the same amount!
5. Replace the NiCd sticker, battery, and antenna.
6. You're Done!

Internal System Alignment (May not work on some radios)
NOTE: This setting appears to work on radios that have NO MEMORIES programmed. You might want to try STEP 3 before clearing your memories. If step 3 doesn't work, you probably need to clear your memories. BE CAREFUL with these settings... it's possible to really mess the rig up by setting some funky squelch or something... you might want to write the default settings for your rig down.

1. Select 2m VFO frequency.
2. Turn the radio off.
3. Push LAMP, PTT, Knob, and PWR at the same time. The rig will turn on with the squelch open, so turn the volume down!
4. The '50 will display "BAND xxxxxx" where xxxx may differ depending on your radio and whatever mods you may have performed.
5. Turn the top knob. There are a variety of settings available. Here is a listing of them:
* HSSQ: Squelch Hysteresis Adjustment, adjusted by the dial.
* THSQ: Squelch Preset Threshold
* TISQ: Squelch Preset Tight
* S1LV: Low-Scale S-1 Adjustment.
* S9LV: S-Meter Full Scale Adjustment.
* HIPO: Hi Transmit Power Adjustment: Should be calibrated for 5W (Can be pushed higher with a 13.8V Supply)

* L3PO: Level 3 Power Adjustment: Should be adjusted for 2.8W.
* L2PO: Level 2 Power Adjustment: Should be adjusted for 1W.
* L1PO: Level 1 Power Adjustment: Should be adjusted for .1W.
6. Select the adjustment you wish.
7. Push in the Top knob. There will be a "s" that appears next to the displayed number.
8. Rotate the knob to change the setting.
9. Change other settings, if desired.
10. Push the knob for more than 1 sec to save the profile.
11. Select 440 VFO frequency.
12. Repeat Steps 3-10 to adjust the UHF Settings. UHF Settings will have a "U" in front of them.

Modifications
The FT-50 is extremely easy to modify. The first modification is performed for you at the factory... but for those of you who accidently disabled it, or changed it... here it is.

Extended U.S. Receive Mod (Expands receive from 144-148 & 430-450 to 76-200, 380-500, 800-999 'cell blocked') NOTE: All memories will be erased.
1. Turn the transceiver off.
2. Hold down the Knob and Lamp keys while powering the unit on.
3. The unit now has U.S. Extended Receive.

MARS/CAP mod (Extended Transmit Mod: app. 144-159, 420-470) NOTE: All memories will be erased.
Don't transmit on bands that you're not licensed for!! Besides being illegal, it creates problems for people using those frequencies.
1. Remove battery & antenna
2. Remove NiCd Sticker on Rear Heat Sink
3. Loosen (Don't Remove) Philips head screws on rear that hold keypad in.
4. Use screws as thumb holds to press keypad out.
5. Remove screws.
6. Remove Keypad.
7. Under Keypad on Left Side there is a series of Solder Jumpers. They are labeled in white from 1-3. Only #1 will have solder jumpering it. Remove the solder, being careful not to damage or touch any other components. WARNING: If you're not good at desoldering, or have shaky hands, you might want to have someone else do this for you. It's REAL easy to damage the rig.
8. Reinstall Keypad. Be careful of the O-ring around the keypad. Make sure it's not twisted or damaged, as the waterproofness of the unit could be compromised.
9. Install sticker, battery and antenna.
10. Hold down Knob and Lamp keys while powering the unit on. (Extended Receive Mod as above.)
11. Completed!

Super-Hyper Awesome Mod... The mother of all Mods!!! (Requires ADMS-1C software and MARS/CAP mod to be performed)
Receive: 76-999 Mhz (No displayable holes!!!)
Transmit: 120-221 Mhz, 320-499 Mhz (AGAIN, Don't transmit on frequencies where you're not licensed)
NOTE: This mod will disable ARS (automatic repeater shift) and will set 2m and 440 repeater offset to
weird numbers. Make sure you enter repeater offset and +- shift manually. Repeater offset needs
be set once for the rig, then it should be able to be forgotten about. It will also clear memories.
Remember above where I mentioned the ADMS-1C software having a bug? Here's where the enterprising and curious ham can take advantage of that. This mod will install the European band plan in your radio...so without the MARS/CAP mod you will lose the top portion of your 2m band.
1. Are there frequencies in your radio? Don't want to lose them? Simply get the data from your radio as it sits... you can "merge" the frequencies later. Save the file.
2. Perform the MARS/CAP mod as outlined above. Get the data from the mod and name it USA.RDF.
3. Attempt to send the same data to the radio. In the middle of the transfer (around 50%), pull the adapter cable to the PC out of the radio.
4. Thanks to the bug, your radio is now in European mode! Perform the Extended Receive Mod by holding the Knob and Lamp keys down while turning the unit on.
5. Now, the Automatic Repeater offset doesn't work. There's no workaround. Note that the 2m offset has been changed to 0.00. Go to the menu by holding down the knob. Go to SHFT, Option 7. Press the knob. Turn the knob so that it reads 0.60. Press PTT.
6. Now, turn off the radio. Put it back into clone mode. Read the data back from the radio to the PC and save the file as EURO.RDF.
7. If you want to enter frequencies manually or using ADMS as normal, go ahead. Everything should work. If you saved frequencies as above, open EURO.RDF and "merge" the frequencies from your USA.RDF file into it, and save it as another name. Then send the modified EURO.RDF (your filename) file back to the radio using the "template" file EURO.RDF. You're done!
8. To return the radio back to the U.S. band plan, send the USA.RDF file back to it.
Note that I have no way of measuring the sensitivity of the frequencies or the output power of the rig outside of the ham bands. The 220 coverage seems to be very poor, however, the radio does display 220 frequencies. It won't transmit on our 220 bands, though. 800 Mhz receive is vastly improved.

Game Mode
The FT-50R includes an interesting "game" that's programmed into it. Here's how it works:
1. Power up the radio while holding down the MR key. (PWR + MR).

2. The display will show GAME on the left side, and Spd 1 on the
right. You're in game mode!
3. By rotating the knob, you can change the speed of the game. Higher
numbers are faster.
4. Press PTT to start the game.
5. Numbers will start to scroll across the screen from left-to-right.
As they come, you are supposed to push the number on the keypad that
makes a sum of ten, followed by F. Example: 6 appears, press 4, F.
If 0 appears, enter 10 followed by F.
6. The game is over when the screen fills up with numbers.
7. To exit the game, simply cycle the power.

Possible Hardware Jumpers? (NOT VERIFIED)
From: bgudgel@eskimo.com (Bob Gudgel)
Well, I went through all eight permutations while I had it open.

Jumpers (from left to right)
C=closed (soldered)
O=open (no solder)

C O O this is the way mine was shipped -- extended receive
O O O extended transmit (mars modification)
O C O looks like the European mode RX 140 - 174 no extended
transmit
Also, no 800 MHZ or 76 Mhz RX
O C C same as O O O
O O C RX 108 MHz - 174 MHz and 400 MHz - 470 MHZ no extended
transmit
C O C same as O O C
C C C 144 MHz - 148 MHz and 430 MHZ - 450 MHz no extended
C C O some kind of limited mode again (I didn't detail my notes)

Basically, O O O is what you want. All other combinations appeared to
be
something less than full featured. This is as far as I could tell
with MY
FT-50R anyway. Please let me know if anybody finds any important
mistakes here. Thanks

Bob KI7IQ http://www.eskimo.com/~bgudgel

1972. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug30.174323.13777@ke4zv.atl.ga.us>
Source record: 217970
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <01bb954b$442b6100$44a4eea5@Pop3.worldnet.att.net> "Cliff-s"
<Cliff-s@worldnet.att.net> writes:
{snip]
> Rob:
> Exactly, RF burns are what you get when you touch an antenna
>or feedline and the Arc burns your fingers. Any of us who have been
>around Ham Radio for a number of years wear these small white
>scars. This is a real hazard.
>
> The Microwave oven is quite another story. It heats from the
>center outward which makes it desirable for heating food(hate those
>cold centers). Anyone who has used a Microwave oven is well aware
>of how different tissue, bone and liquid absorb the energy at very
>different rates. Remember to "rotate your plate " the box says to insure
>even heating. Some materials seem uneffected by the microwave energy.
>
> The Microwave oven by nature operates in the Near Field. The Near
>Field has hot and cold spots(that why many MW ovens have rotating tables).
>Actually the Microwave oven is good illustration of the problems measuring
>Field intensities in the Near Field and the great variation of strengths at
>different distances. RF is RF only the wavelength varies. What is
>interesting
>is that the specs for exposure are different for your hands, feet, wrists
>and ankles(20 W/Kg vs 8 W/Kg for the rest of the body). The chicken
>leg I heated in the MW the other night was just as warm as the breast.
>
> As it is obvious we all are need of some good objective science
>on this issue. These facts are known, if your are exposed to an intense
>enough RF field there will be heating of the tissue, if the tissue is
>heated
>to high enough temperature it will burn. How much heating that will be
>tolerated before damage has not been determined. We get heated every
>hour of every day by infared radiation and this is thought to be RF. We
>know
>we cannot live without this radiation(at least we would be very cold).
> We live in a Paradox, some think we should live without RF radiation,
>but again we know without this radiation we would not exist.

Cliff, the IR and visible radiation doesn't penetrate the body. The
body is opaque to these frequencies. So the heating is a surface
effect. As you note, the body is not opaque to RF down in the frequency
ranges where we operate. Thus the heating happens from the inside out

(actually it's whole body all at once). We know something about the effects of this sort of heating. It is the type of heating we get when the body runs a *fever*.

Now we can go out on a 110 degree F day and survive (assuming we drink lots of fluids). But if we start to run a 110 degree *fever*, we'll be dead meat in short order. We cook from the inside out, especially vulnerable tissues like the brain. That's why RF heating exposures can be more threatening than a hot day. The body can cope with a hot day, keeping core temperatures in a safe range, but it can't deal as well with core temperature rises when it is the core which is being heated directly. (That's also why we can tolerate more exposure to the extremities than to the core body. The heating is less deep, and happens to less vulnerable tissues.)

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1973. Re: Newsgroup Question

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug30.181532.13958@ke4zv.atl.ga.us>
Source record: 217971
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <504j63$k34@lehi.kuentos.guam.net> pacrimgolf@kuentos.guam.net writes:
>Are 'rec.radio.amateur.misc' and 'rec.radio.amateur.policy' two different
>newsgroups, or are they just two different names for the same newsgroup ?
>
>Reason I ask is it seems everytime I download, I get the same thing in
>both groups. Is my newsreader screwed up or what ?

Yeah, it's screwed up. It should only show you a crossposted message
once, in the first group where you read it. There's only one copy
of a crosspost on the system, stored in the group from which the
post originated, there are only pointers to it in the other groups.
Once you read the article in *any* one group, the indexes for all
the groups mark it as read and you won't see it again.

The only exception to this is if you're on a listserver, then you'll
get the message Emailed to you in each group for which you have a
listserver subscription. (That's a very good reason to get a real
usenet account instead of depending on a remailer.)

Crossposting is overused, but it isn't going to go away because there's
no easy way to tell *which* of the groups in the newsgroups line originated
the particular post to which you're replying (unless it is a thread
origination, in which case it should be the first group listed in the
newsgroups line), so you can't edit the newsgroups line without a very
good chance of breaking the thread. (If your other login is "root",
you can grep the groups to find the home of the post, but the newsreaders
don't let ordinary users do that.) Even then you run the risk of
fragmenting the thread.

The best thing to do is to set the follow up line to a single appropriate
group, thus redirecting the thread to that group. That's not always wise,
however, with threads whose topics apply fairly equally across a spectrum
of groups. I've rather arbitrarily set follow ups to this article to
the policy group. It doesn't really fit there, but neither does it fit
in misc. Hopefully it will quickly die out and not develop a life of its
own like the current monster crosspost about RF exposure. (Unfortunately,
that thread does have application to several groups, and can't really
be confined to just one. Breaking it into fragments would just increase
repetition of material.)

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org

Lawrenceville, GA 30244 | |

1974. Re: Away a while... got a packet question.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug30.182608.14047@ke4zv.atl.ga.us>
Source record: 217972

In article <01bb9569$9ccce900$4c9be7ce@ryant> "Ryan Tourge" <ryguy@netheaven.com> writes:
>I have not been radioactive for awhile, and was wondering what baud rates
>are packet TNC's using now?

Sigh. Most are still using 300, 1200, or 9600 baud. There are a few
souls doing 19.2 kb, and a somewhat larger number doing 56 kb, but
the latter doesn't normally use a TNC per se. For an *unmodified*
voice radio, 1200 baud remains the top speed despite advertising
hype to the contrary. To go faster, you need a modified radio
(sometimes *extensively* modified), a purpose built data radio,
or a RF modem. The big problem is that it does you no good to have
a go-fast system unless your neighbors have one too. So check
around with the locals and see what they're doing. It's likely
to be 1200 baud. If you can con several of them into upgrading
to a faster system as a group, you'll be a packet leader (and
we need more of those).

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1975. Re: Modern digital versus SSB and Morse (was Re: Commercial CW use)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Aug30.152159.13227@ke4zv.atl.ga.us>
Source record: 217973
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

In article <501mja$u3d@ka4ybr.netmha.com> rmd@ka4ybr.netmha.com (Bob Duckworth) writes:
>
>IMHO ones respect for a priviledge is proportional to the work required
>to obtain it.

I say that the worth of a privilege lies in what it enables a person
to do, today and tommorrow, not in what a person once did. Dusty trophies
are valued for what effort was once expended to gather them, but that effort
is remembered with as much pride (or lack thereof) even if the trophy is
hocked or stolen. No so with a license, its value lies solely in what can
be done with it, today and tommorrow.

It is a tool, not a trophy, and good tools are only of value in so far
as they enable one to do something of value. It matters not if the tool
were gained by great effort or merely found along the roadside. Its value
lies in what it enables one to do with it, today and tommorrow.

A craftsman takes care of his tools, because they enable him to accomplish
his tasks. Only a shallow collector (a fool with no real skills or talents
of his own) values his tools for what they once cost instead of for what
they allow him to accomplish, today and tommorrow.

Many of my most prized tools were inherited from my father. They are
without price as far as I'm concerned, though I did nothing to earn
them except by accident of birth. But my very most favorite ratchet
was found alongside the highway. It cost nothing, it has no sentimental
history, but holds a place of pride in my toolbox, and is the first tool
I reach for when a nut needs to be removed. I don't care what these tools
once cost, but I care very much what they allow me to do. I keep them
cleaned and oiled and carefully avoid abusing them in use, not because I'm
a collector, but because I am a craftsman and they are my life's blood
for accomplishing my tasks.

I view my amateur license the same way. What it cost to obtain is
yesterday's news, only fit to line bird cages. What it allows me to
do today and tommorrow is without price.

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1976. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: grhosler1@mmm.com
Message-ID: <506vrc$6nf@dawn.mmm.com>
Source record: 217974
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

carl@ais.net wrote:

>In <502ken$136o@mule2.mindspring.com>, thompson@atl.mindspring.com (david l. thompson)
writes:

>>It is the only organization recognized by the FCC, the US Government,
>>and ITU to represent amateur radio!
>>

>I know that ... that's what I'm asying is wrong, since ARRL members are
>only a modest minority of hams.

>>
>>I think non-member views are being considered. Anyone can fillout the
>>survey and return it to ARRL. Directors certainly listen to
>>non-members.
>>

>Only "members" get QST (where the survey was printed) ...
>supposedly some non-members were mailed a copy, but I've not heard of
>any proof of that ...

>Carl - wa6vse
>carl@ais.net

You are apparently unaware that the ARRL is promoting TWO survey's.
One survey (QST) will collect ARRL membership thoughts, the other will
look at the entire group of licensed amateurs. The information from
the two sources will be for understanding the differences, if any,
between amateurs at large and amateurs are members of ARRL. These data
will be assessed by the WRC-99 Planning Committe the Board. If you
have questions on how this is being run then contact the committe.
They will be happy to share the information with you.

73 de KN0Z

"KNOW CODE"

Opinions expressed herein are my own and may not represent those of my employer.

1977. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: Ron Reder <ronald.reder@wang.com>
Message-ID: <32276019.4402@wang.com>
Source record: 217975
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

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>> cancer. How much power density is required to cook a microgram of
>> DNA? Not very damn much.

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to cook a microgram of DNA? I'm not sure, but probably about the same
amount required to cook the rest of the cell. If you know differently,
that is a key fact. Is there data?

>> And cooking isn't the only effect. In vitro experiments show that
>> a mere E-field potential, and a darn low one at that, can cause
>> visible effects on cell mitochondria during cell division. For
>> rapidly dividing cells, like the red and white blood cells, or
>> spermatozoa, the statistics say the effects can be catastrophic,
>> IE our old friend cancer again. For slowly dividing cells, the
>> odds of a harmful mutation are very much reduced since there are
>> fewer chances for one to occur.

I believe those effects are for low frequencies, not RF. Was your
comment about ELF and low frequency modulated RF in the following
paragraph meant to apply to this paragraph too? I know the low
frequency magnetic field experiments have been difficult to
replicate. There has been speculation about contamination of the
experiments with ferro-magnetic particles. Can you give a citation
about E-Field experiments? Still there has been no evidence that
these effects do cause cancer, just speculation that they might.

>> This should not be a surprise. If you've ever done chromatography,
>> you know that it only takes a very small potential to have effects
>> on organic chemicals. This is mostly a concern at ELF where biological
>> chemical reactions occur at approximately the same rate as field changes.
>> But if the cell electrolyte acts as a rectifier (and it can in the
>> microchannels which allow ATP to migrate through the cell wall), then
>> high frequency pulsed fields can have much the same effect. That's why

>> pulse rates in the 5-15 pps range are dangerous.

>> Now we'd expect any mutations caused by the mechanisms mentioned
>> above would be fairly random in nature, IE any given mutation may
>> not lead to cancer, but some (at least one) can. Just as it may be
>> unlikely for you to roll seven three times in a row in craps, it is
>> unlikely that any given mutation will be the cancer causing one. But
>> if you roll the dice enough times, probability theory says you eventually
>> *will* roll those sevens. Exposure rate and exposure time increase the
>> number of rolls occurring in the body. The larger the number of rolls
>> thrown, the better the odds become that you'll roll a winner.

>> You could be "lucky", and throws one, two, and three are the sevens.
>> In which case, you get cancer right away. Or your luck might be "bad",
>> and the sevens won't come up until your 500,001, 500,002, and 500,003
>> rolls. That might mean you'd show no apparent harm for years. You might
>> even die from some other cause first. Probability theory can't tell us
>> which set of rolls will be the magic ones, only that they are virtually
>> certain to occur if you roll enough times.

Since there has, as yet, been no body of research developed that shows a
causal relationship or even a repeatable statistical relationship
between RF energy and cancer, the odds must be VERY small indeed.

>> To improve our odds, we need to keep the number of rolls to a minimum,
>> hence we set prudently low exposure standards. That's no guarantee
>> that we won't be "lucky" right out of the chute, however. Probability
>> theory can't predict what happens to individuals, only the statistics
>> of large numbers can be precise. And they can be precise indeed, that's
>> how actuaries keep insurance companies solvent.

>> If you demand a standard where you can say "above this level you
>> get cancer, below this level you don't" to an individual, you won't
>> get it. It doesn't work that way. But you can say that for a given
>> exposure level to a large population, X number will get cancer on
>> average while at a different exposure level Y number will get cancer
>> on average.

Yes. I agree. However, this assumes that a dose/response curve or a
body of repeatable statistical studies exists. For RF and cancer they
don't. In the absence of that data, making such a standard is largely
guesswork. (So are many things in life, sigh). I think there is better
data available on which to base a standard to avoid overt cooking of
our body parts :-).

>> You can then attempt to set exposure standards where
>> X or Y will be "acceptable" numbers on average. What's acceptable?
>> That's a subjective call, but increases over that of the unexposed
>> population of 2 to 3 times is generally considered unacceptable,
>> *even if the absolute numbers are small*, if the costs of reducing
>> the risk is also acceptable.

I didn't quite understand what you meant by "... increases over that
of the unexposed population ...".

>> This gets into calculating how much a human life is worth. There
>> are philosophical and religious arguments about this, but the
>> actuaries have some cold numbers they're willing to apply. The
>> rough estimate is that a human life is worth about $1,000,000
>> prorated over 74 years. So if the costs per life saved of the
>> mitigation steps are less than $1,000,000 (prorated), it is worth
>> doing.

>> In other words, the risk of heart disease is 1 in 4, so very
>> large amounts of money should be spent for mitigation. The
>> cancer risk to amateurs from RF exposure may only be 4 per
>> 100,000 (Milham's numbers) so proportionately less should be
>> spent on mitigation.

The Milham study is not very useful as a source for calculations of
cancer rates due to RF exposure. The main criticism of the study is
there were no controls for other variables. The increased rates he
observed could have been caused by RF, solder fumes, chemicals used
in the manufacture of electronic equipment or pocket protectors :-).
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rates in amateurs from all causes, but that's not what we are after.

>> Since any possible costs of the FCC's RF exposure standards for
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>> of the odds of risks incurred, it is worth doing.

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But, since there is no proof and not even a body of repeatable,
suggestive studies that there is a causal relationship between RF and
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However, I think the FCC standards intend to address all safety issues,
not just cancer. On that basis the standards are not unreasonable.

Thanks for continuing to write thoughtful comments on many of the
issues that arise in this forum. I always enjoy reading them. In this
case I object to what you wrote because I think it states the case
more strongly than the scientific evidence warrants. Hence my excursion
out of the woodwork.

73, Ron KA1KCU

1978. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: Ron Reder <ronald.reder@wang.com>
Message-ID: <3227614F.7F46@wang.com>
Source record: 217976
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Gary Coffman wrote:
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>> spermatozoa, the statistics say the effects can be catastrophic,
>> IE our old friend cancer again. For slowly dividing cells, the
>> odds of a harmful mutation are very much reduced since there are
>> fewer chances for one to occur.

I believe those effects are for low frequencies, not RF. Was your
comment about ELF and low frequency modulated RF in the following
paragraph meant to apply to this paragraph too? I know the low
frequency magnetic field experiments have been difficult to
replicate. There has been speculation about contamination of the
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Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: Ron Reder <ronald.reder@wang.com>
Message-ID: <32276219.47C2@wang.com>
Source record: 217977

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Date: 1996-08-30 00:00:00 UTC
From: Ron Reder <ronald.reder@wang.com>
Message-ID: <32276470.7E8@wang.com>
Source record: 217978
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Gary Coffman wrote:

>> Inside the cell, cooking a single tiny strand of DNA is sufficient
>> to cause a mutation. Most times that mutation may not matter, some
>> of the time the cell will die, but on occasion the mutation will be
>> such that uncontrolled cell division is started, and that's called
>> cancer. How much power density is required to cook a microgram of
>> DNA? Not very damn much.

How much POWER is required to cook a microgram of DNA? Not very damn
much,
because it is so small (~.1 mm cube). How much POWER DENSITY is required
to cook a microgram of DNA? I'm not sure, but probably about the same
amount required to cook the rest of the cell. If you know differently,
that is a key fact. Is there data?

>> And cooking isn't the only effect. In vitro experiments show that
>> a mere E-field potential, and a darn low one at that, can cause
>> visible effects on cell mitochondria during cell division. For
>> rapidly dividing cells, like the red and white blood cells, or
>> spermatozoa, the statistics say the effects can be catastrophic,
>> IE our old friend cancer again. For slowly dividing cells, the
>> odds of a harmful mutation are very much reduced since there are
>> fewer chances for one to occur.

I believe those effects are for low frequencies, not RF. Was your
comment about ELF and low frequency modulated RF in the following
paragraph meant to apply to this paragraph too? I know the low
frequency magnetic field experiments have been difficult to
replicate. There has been speculation about contamination of the
experiments with ferro-magnetic particles. Can you give a citation
about E-Field experiments? Still there has been no evidence that
these effects do cause cancer, just speculation that they might.

>> This should not be a surprise. If you've ever done chromatography,
>> you know that it only takes a very small potential to have effects
>> on organic chemicals. This is mostly a concern at ELF where biological
>> chemical reactions occur at approximately the same rate as field changes.
>> But if the cell electrolyte acts as a rectifier (and it can in the
>> microchannels which allow ATP to migrate through the cell wall), then
>> high frequency pulsed fields can have much the same effect. That's why
>> pulse rates in the 5-15 pps range are dangerous.

>> Now we'd expect any mutations caused by the mechanisms mentioned
>> above would be fairly random in nature, IE any given mutation may
>> not lead to cancer, but some (at least one) can. Just as it may be
>> unlikely for you to roll seven three times in a row in craps, it is
>> unlikely that any given mutation will be the cancer causing one. But
>> if you roll the dice enough times, probability theory says you eventually
>> *will* roll those sevens. Exposure rate and exposure time increase the
>> number of rolls occurring in the body. The larger the number of rolls
>> thrown, the better the odds become that you'll roll a winner.

>> You could be "lucky", and throws one, two, and three are the sevens.
>> In which case, you get cancer right away. Or your luck might be "bad",
>> and the sevens won't come up until your 500,001, 500,002, and 500,003
>> rolls. That might mean you'd show no apparent harm for years. You might
>> even die from some other cause first. Probability theory can't tell us
>> which set of rolls will be the magic ones, only that they are virtually
>> certain to occur if you roll enough times.

Since there has, as yet, been no body of research developed that shows a
causal relationship or even a repeatable statistical relationship
between RF energy and cancer, the odds must be VERY small indeed.

>> To improve our odds, we need to keep the number of rolls to a minimum,
>> hence we set prudently low exposure standards. That's no guarantee
>> that we won't be "lucky" right out of the chute, however. Probability
>> theory can't predict what happens to individuals, only the statistics
>> of large numbers can be precise. And they can be precise indeed, that's
>> how actuaries keep insurance companies solvent.

>> If you demand a standard where you can say "above this level you
>> get cancer, below this level you don't" to an individual, you won't
>> get it. It doesn't work that way. But you can say that for a given
>> exposure level to a large population, X number will get cancer on
>> average while at a different exposure level Y number will get cancer
>> on average.

Yes. I agree. However, this assumes that a dose/response curve or a
body of repeatable statistical studies exists. For RF and cancer they
don't. In the absence of that data, making such a standard is largely
guesswork. (So are many things in life, sigh). I think there is better
data available on which to base a standard to avoid overt cooking of
our body parts :-).

>> You can then attempt to set exposure standards where
>> X or Y will be "acceptable" numbers on average. What's acceptable?
>> That's a subjective call, but increases over that of the unexposed
>> population of 2 to 3 times is generally considered unacceptable,
>> *even if the absolute numbers are small*, if the costs of reducing
>> the risk is also acceptable.

I didn't quite understand what you meant by "... increases over that
of the unexposed population ...".

>> This gets into calculating how much a human life is worth. There
>> are philosophical and religious arguments about this, but the
>> actuaries have some cold numbers they're willing to apply. The
>> rough estimate is that a human life is worth about $1,000,000
>> prorated over 74 years. So if the costs per life saved of the
>> mitigation steps are less than $1,000,000 (prorated), it is worth
>> doing.

>> In other words, the risk of heart disease is 1 in 4, so very
>> large amounts of money should be spent for mitigation. The
>> cancer risk to amateurs from RF exposure may only be 4 per
>> 100,000 (Milham's numbers) so proportionately less should be
>> spent on mitigation.

The Milham study is not very useful as a source for calculations of cancer rates due to RF exposure. The main criticism of the study is there were no controls for other variables. The increased rates he observed could have been caused by RF, solder fumes, chemicals used in the manufacture of electronic equipment or pocket protectors :-). The study may be more useful in trying to figure the increased cancer rates in amateurs from all causes, but that's not what we are after.

>> Since any possible costs of the FCC's RF exposure standards for
>> amateurs are far below this number for any reasonable assumption
>> of the odds of risks incurred, it is worth doing.

>> Gary

But, since there is no proof and not even a body of repeatable, suggestive studies that there is a causal relationship between RF and cancer, there is no way to make a "... reasonable assumption of the odds of risks incurred ...". Therefore, ANY costs are unjustified on a scientific basis.

However, I think the FCC standards intend to address all safety issues, not just cancer. On that basis the standards are not unreasonable.

Thanks for continuing to write thoughtful comments on many of the issues that arise in this forum. I always enjoy reading them. In this case I object to what you wrote because I think it states the case more strongly than the scientific evidence warrants. Hence my excursion out of the woodwork.

73, Ron KA1KCU

1981. Re: Oops

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: Ron Reder <ronald.reder@wang.com>
Message-ID: <322765D4.2158@wang.com>
Source record: 217979
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Sorry about the multiple posting. I screwed up.

Ron

1982. ARLP036 Propagation de KT7H

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: w1aw@arrl.org
Message-ID: <$arlp036.1996@arrl.org>
Source record: 217980
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB PROP @ ARL $ARLP036
ARLP036 Propagation de KT7H

ZCZC AP56
QST de W1AW
Propagation Forecast Bulletin 36 ARLP036
From Tad Cook, KT7H
Seattle, WA August 30, 1996
To all radio amateurs

SB PROP ARL ARLP036
ARLP036 Propagation de KT7H

Solar activity was up last week. The daily solar flux was above the average for the past 90 days on each day over the past seven. The 90 day average also moved up a point from 70 to 71. Average solar flux was up six points from the previous week, and average sunspot numbers were up one point.

Due to a recurring coronal hole, geomagnetic indices have been unstable for the past day, and are expected to continue that way, slacking off toward September 1.

Look for solar flux to drop to 70 by September 3, and drop below 70 around September 11, rising above 70 again a week later, and to the mid seventies around September 23. Moderately unstable geomagnetic conditions are expected to return then as well.

Sunspot Numbers for August 22 through 28 were 12, 24, 22, 14, 16, 13 and 13, with a mean of 16.3. 10.7 cm flux was 72.8, 74.2, 74.6, 74.7, 74.2, 74.3, and 73.3, with a mean of 74.
NNNN
/EX

1983. Re: Kentucky Ham Busted

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: hpeach@pop.uky.edu
Message-ID: <507kq8$6kv@service3.uky.edu>
Source record: 217981

I checked with the Circuit Court Clerk's office today to learn the
outcome of the trial. She informs me that this case occurred in
Juvenile Court and as such the proceedings are sealed. She did not
know how the paper learned of the original charges, but indicated that
the outcome of the case would not be made public by their office.

Harold
hpeach@pop.uky.edu

1984. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <507sld$719@lehi.kuentos.guam.net>
Source record: 217982
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

cgreenha@magnus.acs.ohio-state.edu (Christopher K. Greenhalgh) wrote:

>In article <5052ke$dmd@abyss.West.Sun.COM> myers@West.Sun.COM (Dana Myers) writes:

>>>Ignorance is Bliss!!!! And no excuse for running inadequite radios on
>>>the network.

>>Isn't that essentially what I said? ;-)
>>--
>> * Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
>> * (310) 348-6043 | not be interpreted or represented as *
>> * Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

>I would like to offer my apoligies to Rob and Dana for not entering into a new
>field with the absolutly best equipment money can buy on the planet.

>If that is their definition of "ignorance"...I am guilty.

>Take care all.

>Christopher K. Greenhalgh, N8WCT
>Computer/Electronic Tech. II at The Ohio State University
>E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
>AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

Gee, Chris, all this time I thought this was AMATEUR radio. Sure glad we got
these PRO's to help us out. I guess I better not tell them I am using a ten
year old radio on 9600 baud packet, I might get reamed too.

73, Jim KH2D

1985. Sept VHF QSO Party

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: Roger Cousineau <rogerco@freespace.net>
Message-ID: <322794EE.5E47@freespace.net>
Source record: 217983

Anyone have some experience and/or advice to give to a first timer. I am thinking of running as a Rover.

Any advice please post or e-mail

73 VE3BTJ

Roger

1986. Re: Away a while... got a packet question.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: Kory Hamzeh <kory@avatar.com>
Message-ID: <Pine.BSI.3.91.960830140159.13287B-100000@avatar.avatar.com>
Source record: 217984

On Thu, 29 Aug 1996, Burt Fisher wrote:

> Ryan Tourge wrote:
> >
> > I have not been radioactive for awhile, and was wondering what baud rates
> > are packet TNC's using now?
>
> This is ham radio.
> Nothing changed.
>

You're a perfect example of that.

1987. Help /Butternut Beam

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: Dennis Spiess <dspiess@mail.idt.net>
Message-ID: <32276127.683@mail.idt.net>
Source record: 217985

Can anyone give me any input on the Butternut HF5B Beam?
Experience, do u own one , how do they work...
I have a very small yard and wish to get something better than me
verticle that is ground mounted... Have access to a 30+ ft tower to put
this on but no space for a full sized tri-bander or quad.

Thanks
Den
WA2JHN
Clifton. NJ

1988. www.hamradio-online.com is now read in 43 countries!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: vbook@vbook.com
Message-ID: <507tun$qk7@kanga.accessone.com>
Source record: 217986
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,aus.radio.amateur.misc,aus.radio.amateur.digital

With perhaps the widest distribution of any amateur radio "magazine" in the world, www.hamradio-online.com is now being read in 43 countries around the globe. And its free, self supported by us and you, our readers who contribute great feature stories for this online magazine.

If you haven't paid us a visit, please stop on by and have a look around. There's lots to see - from feature stories all the time, to real-time propagation conditions, auroral conditions, meteor scatter info, disaster situation reports, newsletters from amateur organizations throughout the world, and our vast library of nearly a year's worth of online articles. And we allow reprinting of almost everything in club newsletters and other non-commercial publications and web sites (please see our reprint policy, online).

And watch for more cool stories and new features over the coming months. We already have a great line up of stories for September and October - and we plan to add some neat Java-based features as well.

Ed (KF7VY) and Kim (N7VPL) Mitchell
email to vbook@vbook.com
Visit Ham Radio Online, it's free! at
http://www.hamradio-online.com

1989. Re: HELP: Antenna Tuner Design Needed

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: Avatar <avatar@frii.com>
Message-ID: <3227995B.1@frii.com>
Source record: 217987
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.radio.cb,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Michael Neidich wrote:
>
> Need a schematic/parts list to build a receiving antenna
> tuner/preselector 10-25 MHz, mostly to reject interfering out of band
> signals. Point me in the right direction if there is a good commercial
> unit, please.
> Mike

Any recommendation would be suspect without the advisor knowing more
about your setup.

1. Does your receiver have a 50 ohm or Hi-Z input?
2. What type of antenna and feedline are you using?
3. Are you adept at building electronics equipment?
4. How much are you willing to spend for a tuner?

1990. IPS Daily Report - 30 August 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <507sp5$65@flare.syd.ips.oz.au>
Source record: 217988
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 30/2330Z AUGUST 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE AUSTRALIAN SPACE FORECAST CENTRE
SUMMARY FOR 30 AUGUST AND FORECAST FOR 31 AUGUST - 02 SEPTEMBER

1A. SOLAR SUMMARY
Activity: very low

Flares: None

Observed 10.7 cm flux/Equivalent Sunspot Number : 73/9

GOES satellite data for 29 Aug
Daily Proton Fluence >1 MeV: 1.2E+06
Daily Proton Fluence >10 MeV: 1.7E+04
Daily Electron Fluence >2 MeV: 5.6E+07 (normal)
X-ray background: A4.7
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
31 Aug 01 Sep 02 Sep
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 31 Aug: 73/9

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: active early in UT day
then declining to quiet levels

Estimated Indices : A K Observed A Index 29 Aug
Learmonth 9 422- 2222
Fredericksburg 16 27
Planetary 15 36

Observed Kp for 29 Aug: 4665 4334

2B. MAGNETIC FORECAST
Date Ap Conditions
31 Aug 13 Quiet to unsettled
01 Sep 10 Quiet to unsettled
02 Sep 8 Quiet
COMMENT: Geomagnetic activity is expected to return to quiet
levels over next three days.

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band
Date Low Middle High
30 Aug Normal Fair Fair-Poor
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
31 Aug Normal Normal Fair
01 Sep Normal Normal Fair
02 Sep Normal Normal Fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
30 Aug 4

Observed Australian Regional MUFs:
Darwin: mostly near predicted monthly values, apart
from 30% depression 06-07UT. Spread F observed local
night hours.
Townsville: near predicted monthly values.
Sydney: depressed 15-30% during interval 01-07UT. Frequncies
recovered during local night.
Hobart: depressed 15% during local day. Spread F observed
local night. Blanketing sporadic E observed 14-19UT.

Predicted Monthly T index for August: 9

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
31 Aug 10 near predicted monthly values
01 Sep 10 near predicted monthly values
02 Sep 10 near predicted monthly values
COMMENT: Ionospheric depression observed on 30 August for southern
region Australia. Northern region conditions remained mainly
normal. Normal conditions expected next three days.
--
IPS Radio and Space Services | email: asfc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/asfc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
tel: +61 2 94148300 | fax: +61 2 94148331

1991. www.hamradio-online.com is now read in 43 countries!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: vbook@vbook.com
Message-ID: <507tp4$qk7@kanga.accessone.com>
Source record: 217989

With perhaps the widest distribution of any amateur radio "magazine" in the world, www.hamradio-online.com is now being read in 43 countries around the globe. And its free, self supported by us and you, our readers who contribute great feature stories for this online magazine.

If you haven't paid us a visit, please stop on by and have a look around. There's lots to see - from feature stories all the time, to real-time propagation conditions, auroral conditions, meteor scatter info, disaster situation reports, newsletters from amateur organizations throughout the world, and our vast library of nearly a year's worth of online articles. And we allow reprinting of almost everything in club newsletters and other non-commercial publications and web sites (please see our reprint policy, online).

And watch for more cool stories and new features over the coming months. We already have a great line up of stories for September and October - and we plan to add some neat Java-based features as well.

Ed (KF7VY) and Kim (N7VPL) Mitchell
email to vbook@vbook.com
Visit Ham Radio Online, it's free! at
http://www.hamradio-online.com

1992. This Week in Amateur Radio #179 (for air through 9/6/96)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: "Stephan M. Anderman" <sanderman@delphi.com>
Message-ID: <p5HQKy9.sanderman@delphi.com>
Source record: 217990

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-
Here is a summary of news items covered on edition #179 of
"This Week in Amateur Radio", North America's satellite-delivered
audio bulletin service, for the week ending 6-Sep:
-
1. Japan's New JAS-2/Fuji-3 Satellite Gets AMSAT Designation
2. UNAMSAT-B Survives Vibration Tests, Could Launch Next Week
3. Two Ham-Astronauts Selected to Train for Upcoming Mir Missions
4. FCC Forms 610 Still Safe to Use, Despite Expiration Date
5. Industry Canada Proposes New Radio Regulations
6. RAC Headquarters to Leave Kingston, Moving to New Offices
7. "The RAIN Dial-up" from Chicago
8. Special Event Station Calendar
9. Ontario Offers New License Plates with Call Sign and RAC Logo
10. Ken Oelke, VE6AFO, Appointed to RAC Admin & Finance Committee
11. "Gateway 160 Meter Net Report" with Vern Jackson, WA0RCR
12. 15th Annual ARRL/TAPR Digital Conference Set for Seattle
13. Weekly Propagation Forecast
-
Funding for the program's transmission and production expense was
provided this week by a grant from Dana Rodakis of St. Petersburg,
Florida, and the AJ1R repeater system, serving Florida's Sun Coast
on 51.84, 145.230, 147.285, 442.075, 443.625, and 443.95 MHz.
-
"This Week in Amateur Radio" is a weekly amateur voice bulletin
service, produced by Community Video Associates, Inc., a New York
State not-for-profit corporation based in Albany, NY. The program
is heard on the "W0KIE Satellite Network" each Saturday at 9:00 PM
(EDT) on the Hughes Communications SBS-6 commercial communications
satellite, transponder 13B upper, located at 74 degrees west
longitude in equatorial geosynchronous orbit. The transponder
center frequency is 12.019 GHz; tune up in frequency to 12.031 GHz.
Program audio is on the 6.2 MHz analog subcarrier and carried on
VHF/UHF repeaters throughout North America and on 160 meters at 1860
kHz. Contact your local amateur radio club or repeater operator if
"This Week in Amateur Radio" is not being heard in your area.
-
Here in the Capital District, "This Week in Amateur Radio" is heard
on our "flagship" repeater, WA2OQE/R in Troy, on 145.33 MHz,
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courtesy of the Niagara-Mohawk Amateur Radio Club. The program is repeated Mondays at 8:00 PM.

-

Production and transmission expenses are underwritten by donations from repeater operators, amateur radio clubs, and individuals. Further information is available from George Bowen, N2LQS, at 518/283-3665 (email kxkvi@delphi.com) or Stephan Anderman, WA3RKB, at 518/664-6809 (email sanderman@delphi.com). You may also reach them @ WA2UMX.FN32AW.ENY.NY.USA.NA via amateur packet.

1993. FT-8000 MODS Needed

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: you@somehost.somedomain
Message-ID: <507pkh$eci@news.ios.com>
Source record: 217991
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Looking for MODS for the FT-8000. RT Systems should be coming
out with the software for 8000 in September.

Please Email me any info.

Thanks

Rod
N2RVM
rod@hili.com

1994. Re: Looking for a mailorder outfit to purchase a handheld scanner

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: Tom Prossima <prossima@ix.netcom.com>
Message-ID: <3227AAE4.D4D@ix.netcom.com>
Source record: 217992
Cross-posted to: alt.radio.scanner,rec.radio.scanner,alt.radio.pirate,rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.policy

greg@tgill.com wrote:
>
> Douglas Alexander wrote:
> >
> > Looking for a good mailorder firm to purchase a handheld scanner from:
> >
>
> http://www.demon.co.uk/javiation/

You can also try Grove. They have a great web page at www.grove.com

1995. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <507svu$719@lehi.kuentos.guam.net>
Source record: 217993
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

kd1hz@anomaly.ideamation.com (Michael P. Deignan) wrote:

>In article <3225E2D5.1955@pacifier.com>,
> John Nelson <johnn@pacifier.com> wrote:

>>As a "practical examination" related to amateur radio, CW prociciency is
>>unfit. It has nothing to do with radio operation, per se.

>If 38% of all HF amateurs operate CW, and CW continues to be a popular
>mode with foreign amateurs (ever wonder why all those "rare dx" stations
>always seem in the lower 25kc of the bands -- are they just "snobs" who
>only want to talk to "extras"? Why don't they move up to the general
>portion of the band?), then a CW proficieny test remains a logical and
>necessary "practical" examination.

That's 48%, Mike. We hang around down in the lower 25kc's because we
want to work 5 stations per minute, not 5 words per minute.......

73, Jim KH2D

1996. Western Connecticut Hamfest 15-Sep Newtown CT

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: KD1YV <jimkd1yv@ix.netcom.com>
Message-ID: <32279EDB.6CE5@ix.netcom.com>
Source record: 217994
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.space

THE WESTERN CONNECTICUT HAMFEST
Sponsored by the Candlewood Amateur Radio Association

Sunday, Sept. 15, 1996 0900-1400
Edmond Town Hall Route 6, Newtown, CT
Tables inside Tailgating outside
ARRL Sanctioned Handicapped Access
Door Prizes Ample Parking
Gourmet Fare Rain or shine

Talk-in 147.12/.72 PL 141.3

General admission $4.00 at the door (what a deal!)

Tailgating $6.00, inside table reservations $10.00 each, (both
include 1 admission), mail to:
Candlewood Amateur Radio Association, PO BOX 3441, Danbury CT 06813

For more info, phone (203) 790 7041 or (203) 438 6782.

Hope to see you all there.
73 de KD1YV
Jim

1997. Contactus Interuptus

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <32277CA9.4197@ccsnet.com>
Source record: 217995
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Contactus Interuptus

You know who I am talking about. It is the ham that interrupts your conversation with another ham. The two of you could be in deep dialogue when along comes this KA1*I*. Does he have anything to add to the conversation? Of course not. He just butts in with some inane comment or worse COMMENTS. He might say "it is a nice day" or he might say "there is a hurricane and it can go in any direction" (something that is really earth shaking news).

I bet when he was younger he always barged into his parents CLOSED bed room door and surprised them in the act in order to tell them the sun came out.

Do you know who I am talking about? I am sure there are many of him.

Burt

1998. Re: Burt talks to God.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <32277DB6.3506@ccsnet.com>
Source record: 217996

Frank Sved wrote:
>
> You promote nothing, you sour.
> You do not teach, you indoctrinate.

Then tell me why just yeaterday one of my female students who would
rather die than do something nice for a teacher have me a warm hug to
thank me
for how I changed her life?

> If anyone in this newsgroup is harbouring repressed feelings from a fallen
> relationship, Burt, it is you. And for that I empathize and realize that
> you are projecting your own insecurities and identifying hams as an alterego.

Are you a flaming asshole or do you just play one on the internet?

> To anwer your email of past, yes I do drink alchool occaisionally. Are
> you implying that I drink too much? Please, read above.

I am saying your previous Email message (about AV teachers) made no
sense.
Most of your messages make sense even if they are mean spirited.

Thus did you have a different SPIRIT this time?

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	The less you say, the more people will remember
#================#===#
| k1oik@ccsnet.com |
#===#

http://www.qrz.com/cgi-bin/qrz_gifs?k1oik.gif

1999. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-30 00:00:00 UTC
From: landisj@nad.com
Message-ID: <1996Aug30.232613.623@main03>
Source record: 217997
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <32273F43.5474@wco.com>, steve <kd6fyk@wco.com> writes:
> Buddy Sohl wrote:
>>
>> >In <500oei$qaj@news.ais.net>, carl@ais.net writes:
>> >>The point is that the ARRL and its membership (even if you count the
>> >>majority who really just "subscribe to QST" as "members") are a very
>> >>modest minority of the licensed ham radio operators. Actually, I think
>> >>they've got a lot of huevos passing themselves off as the "spokesman for
>> >>the ham community at large" ...
>>
>> The point that the ARRL is the largest coordinated group representing
>> amateur radio is enough merit in itself to be a member. If you
>> believe in amateur radio and want to protect the service AND you are
>> not a member of the League, then you're only rowing with one oar. To
>> belong to an organization does not mean you agree on all points. But
>> to be on the sidelines and bitch shows a lack of character and
>> definitely a lack of say in the Leagues business.
>>
>> Compare this to the ballot box. If you don't vote, don't bitch. If
>> you don't belong to the ARRL go get a 27 Mhz radio and join the rest
>> of the whiners. My .02
>>
>> 73 de KC4WQ
>
> i do not always vote and it's an american right to bitch if i want to.
> i will never join the arrl as it is just another political waste.
>
> 73 steve cm88ll
> why do narrow minds fit in big heads?

Yeah - it's your right. Don't vote? You don't count.
73!
Joe - AA3GN

--
landisj@nad.com - speaking only for myself, of course

2000. Goodness... (was Re: PLL Radio for 9600 baud packet?)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <508a84$2cm@abyss.West.Sun.COM>
Source record: 217854
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <507sld$719@lehi.kuentos.guam.net>,
Jim Kehler <pacrimgolf@kuentos.guam.net> wrote:
>cgreenha@magnus.acs.ohio-state.edu (Christopher K. Greenhalgh) wrote:
>
>>In article <5052ke$dmd@abyss.West.Sun.COM> myers@West.Sun.COM (Dana Myers) writes:
>
>>>>Ignorance is Bliss!!!! And no excuse for running inadequite radios on
>>>>the network.
>
>>>Isn't that essentially what I said? ;-)
>
>>I would like to offer my apoligies to Rob and Dana for not entering into a new
>>field with the absolutly best equipment money can buy on the planet.
>
>>If that is their definition of "ignorance"...I am guilty.
>

>Gee, Chris, all this time I thought this was AMATEUR radio. Sure glad we got
>these PRO's to help us out. I guess I better not tell them I am using a ten
>year old radio on 9600 baud packet, I might get reamed too.

Well, Jim, I guess you don't read my posts for the same reason you
don't read Gary Coffman's posts - you might accidently learn something.
However, this doesn't stop you from Drewing, oops, I mean spewing out
comments anyway ;-).

If you'd read my posts, you would have noted that I was explaining
that Greenhalgh's _modern PLL radio_ is not suitable for 9600
baud. Furthermore, if you'd thought about what I wrote, you'd
discover that many older crystal-controlled radios are suitable
for 9600 baud packet. In fact, some of the best and most popular
radios at 9600 baud are Motorola Mitreks, most of which are older
than ten years. Also excellent are Maxars, Maxar 80s and Flexars
(the Flexar I'm currently using for 9600 baud here is from 1980!).

What you apparently did was skip over all the technical content and
home in on Greenhalgh's strawman "not everyone can have the best
radios money can buy" whining. I never said he needed the best
radio money can buy - I simply pointed out that his PLL radio
in unsuitable for a number of technical reasons.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

2001. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: armond@delphi.com
Message-ID: <5DHzCW8.armond@delphi.com>
Source record: 217855

<carl@ais.net> writes:

>eliminated"), I'll be at the next available testing session and walk
>away with Extra ... (half asleep, in a drunken stupor)

Highly doubtful.

2002. HARDWARE/SOFTWARE CHEAP

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: kaf3@axe.humboldt.edu
Message-ID: <3227f5c4.206128793@199.4.94.14>
Source record: 217856

Selling 5 1/4 disks cheap
I've got boxes of 100. I will sell each box for $15.00

1 Bernouli Drive 44 SCSI
6 disks (these are $80 brand new a piece)
SCSI Adapter card
This is great for a backup system but also can be
used as removable HDs. They are fast enough to
run any game.
Selling for $200.00 OBO

1 640K D-Ram CARD
Doubles your conventional memory. Think of the
possiblites. You will never have to configure your
memory again for conventional memory.
Selling for $20.00
Add $10.00 for 386 MAX, the 1st memory
manager. Never get the "OUT OF MEMORY"
sign again.

Hard Drives
Conner 40 megs - $15.00 (name brand)
Kalok 105.2 megs - $35.00
I'll sell them as a pair for $45.00 OBO

1 16 BIT IDE/FDC Controller $15.00
2 FDC ports
1 IDE PORT

1 16 BIT SUPER I/O Controller $25.00
1 IDE port
1 FDC port
1 Serial port
1 Parallel Port
1 Game Port
Can expand to another serial port
It's a SUPER I/O and is fast as VLB.

1 Boca Robotics 14.4 FAX MODEM $40.00
half card so it saves you space
Includes: manual, box, disks, like new

1 EXTERNAL FAX modem $40.00
8 indicator lights
Can be used by MAC or PC
Has Serial or paralled hookups

DC Supply

***Both modems come with FREE INTERNET trials.

SOFTWARE

1 Sam and Max Hit the Road CD-ROM -$15.00
Classic Lucas Arts Adventure Game
($50.00 brand new)
Has full voice and sound
4 free Audio Tracks
Playable Rebel Assualt, Day of the Tentacle,
and Indiana Jones demos.

2 RPGs Populous II, and Dark Legions. Original Disks
I'll sell them both for $20.00. Must sell as pair.

MISCELLANEOUS

1 Stereo Amplifier/Equalizer - $20.00
Has 5 bands for frequency equalizing
4 inputs/outputs
Add $20.00 for TWO - 3 way High Performace Stereo speakers

2003. ZS6AFL has passed away - condolences to the family please

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: Michael van der Westhuizen <tombi@iafrica.com>
Message-ID: <01bb9657$35874800$0100a8c0@Ptombi>
Source record: 217857
Cross-posted to: francom.radio_amateur,git.radio.amateur,in.ham-radio,rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.shortwave,rpi.union.ham-radio,slac.rec.ham_radio

THIS IS TO ANOUNCE THE SAD LOSS OF ZS6AFL - GORDON KNAPP, WHO PASSED AWAY ON THE 24th AUGUST 1996 AGED 73. THE CREMATION SERVICE WAS HELD AT THE ST MARY�S CATHOLIC CHURCH RIVONIA ON FRIDAY 30th AUGUST. HE IS SURVIVED BY HIS WIFE JOAN, CHILDREN GORDON, CHRISTINE, ANDREW AND ROBERT AND GRANDCHILDREN: MICHAEL, CHRISTOPHER AND PHILLIP.

HERE FOLLWS THE EULOGY GIVEN AT THE CREMATION SERVICE.

EULOGY - GORDON EDWARD WILLIAM KNAPP

Gordon Knapp was born in the East End of London in 1923. He overcame the obstacles of a hard and poor childhood. On the outbreak of World War 2 he volunteered for active duty where he excelled in the signalling corps. When the call came for the formation of a Commando unit, he readily gave of himself, distinguishing himself for his country with the No 4 Commando�s.

This is where his love of the radio came from. A passion that he kept throughout his life. He maintained this hobby right until his passing as an active member of the Johannesburg Radio League, where ZS6 AFL�s Morse Code lessons will be sorely missed.

His other hobby, photography, helped give him his strange and wonderful view on life. A talent that he passed on to the rest of his family - in fact we ALL have a strange and wonderful view on life!

What can be said about such a complex personality, how do you sum up a life in a few words? It�s impossible. He was loveable, infuriating, strong willed, had a strong sense of family values and a remarkable sense of humour. He loved and was loved by a wide spectrum of people - young and old alike, as we can see by the attendance at the church today. He spanned generations as a friend and mentor. Although he, and us as a family, moved around the country with monotonous regularity, he made friends wherever he went.

It was a blessing that his passing was so quick, without the agony of months of hospitalisation. It was the way he would have wanted it - keeping all of his faculties to the end. The Knapp family would like to thank all of the wonderful people who have bolstered our spirits, sent condolences and generally been with us during this time of bereavement. Were all very glad to have known and loved Gordon, loving husband, father and friend, warts and all.

Goodbye, and thank you, Gordon, for everything that you have given us in our lives.

Rest in peace - you deserve it.

Please send messages to tombi@iafrica.com -- all messages will be forwarded to the family.

2004. Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <509d9o$1qi6@usenetz1.news.prodigy.com>
Source record: 217858

Who do I hear on HF?

1) OLDE FAHRTZ spending endless hours complaining about their health problems.

2) OLDE FAHRTZ spending endless hours talking about what type of spark-gap transmitter they used to use prior to World War II.

3) OLDE FAHRTZ spending endless hours bellyaching about the no-coders on the VHF/UHF bands and how "we need to make sure 'they' don't get access to 'our' bands down here."

4) OLDE FAHRTZ spending endless hours arguing with each other, causing malicious interference to each other, and using language that makes CB look like a Sunday School picnic. Is it CB Channel 19? Why no, it's the 75-meter ham band!

Is it any wonder that the bands are under attack by commercial interests?

-Drew in Sunny Central Florida-
KF4DDM

2005. Re: Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: AC6V <AC6V@ix.netcom.com>
Message-ID: <32284E28.6187@ix.netcom.com>
Source record: 217859

Drew Durigan wrote:
>
> Who do I hear on HF?
>
> 1) OLDE FAHRTZ spending endless hours complaining about their health
> problems.
>
> 2) OLDE FAHRTZ spending endless hours talking about what type of spark-
> gap transmitter they used to use prior to World War II.
>
> 3) OLDE FAHRTZ spending endless hours bellyaching about the no-coders on
> the VHF/UHF bands and how "we need to make sure 'they' don't get access
> to 'our' bands down here."
>
> 4) OLDE FAHRTZ spending endless hours arguing with each other, causing
> malicious interference to each other, and using language that makes CB
> look like a Sunday School picnic. Is it CB Channel 19? Why no, it's the
> 75-meter ham band!
>
> Is it any wonder that the bands are under attack by commercial interests?
>
> -Drew in Sunny Central Florida-
> KF4DDM

You forgot number 5

4) YOUNGE SQUIRTS spending endless hours complaining about OLDE
FAHRTZ!!

Somehow your gross generalizations forgot to mention the maritime mobile
nets, the emergency communications during real disasters, the
international goodwill conducted on the bands daily, the enormous
dissemination of technical information, the National Traffic System, aid
to Servicemen, and MARS.

The Olde Fahrtz can tell you a thing or two about history and
achievement -- because they made it all happen. The last 80 years are
the pinnacle of achievement for this nation -- and the Olde Fahrtz did
it all (and still are) -- from medicine to the moon. They have conquered
diseases, fought the nations wars, hurled mankind to the moon, raised
YOUR standard of living to unbelievable heights.

It will be interesting to see how well you Young Squirtz do, you have a
tough act to follow OM!!!

AC6V neither Younge or Olde
But merely an Amateur Radio Operator -- how about you???
--
Hark for I have hurled my words to the far reaches of the earth!
What King of old could do thus??
..... AC6V

2006. Re: Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <509jj4$a7o@anomaly.ideamation.com>
Source record: 217860

In article <509d9o$1qi6@usenetz1.news.prodigy.com>,
Drew Durigan <VUBS79A@prodigy.com> wrote:

>Who do I hear on HF?

You don't have a radio Drew. How can you listen to HF.

...

>Is it any wonder that the bands are under attack by commercial interests?

Perhaps you can detail for me a list of all the HF bands currently
under attack by commercial interests. A simple list, just listing the
band and the commercial interest that wants it will suffice.

MD
--
--
-- "I have more guns than I need, and less guns than I want." -- Phil Graam
--
-- If you don't like my opinions, that's just too damn bad.

2007. Re: THe THe The THe

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: Rich Griffiths <richg@one.net>
Message-ID: <32283008.559D@one.net>
Source record: 217861
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Burt Fisher wrote:
>
> Frequently I hear hams say, THE name HERE is_____.
> How often do you say when you meet someone (assuming your name
> is Charlie), THE name HERE is Charlie? You never do that right? After
> to do so is so impersonal and asinine that you would not want
> to seem like a fool-then why do it on the air? Just because you
> are a ham is no excuse not to be personal. Of course you could
> really sound like THE jerk of the year by saying, THE first
> personal here is Charlie (at least if you are not personal-you are
> using the word-albeit it in an extremely impersonal way).
> Also why say "here", is your name any different when you are "there?"
>
> 73 from we here (not there) at K1OIK where THE name are Burt.

I still remember an entertaining article in QST back in the 60's (I think)
by a Ham who designed what he called a "By Golly" filter. He had tired of
hearing all our cute little ham-isms, so he built this unusual audio filter.

It took a jargon-laden statement like "Well, fine business Old Man. You
have a very Q5 signal down here at this QTH, by golly!" and turned it
into "...You have a ... signal ...."

The times haven't changed much in that hamming is a talking sport, and
many of us seem eager to use more words rather than fewer. I sometimes
run on too much myself.

Rich W2RG

2008. Re: Mars MOD for FT50-r

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: John Nelson <johnn@pacifier.com>
Message-ID: <32286D76.5CF5@pacifier.com>
Source record: 217862

Jim Kehler wrote:
>
> kplumb@aol.com (KPlumb) wrote:
>
> >Im looking for mars mod for ft50-r. Please post.
> >73"s
> >Kevin Plumb N2WFS
> >kplumb@aol.com
>
> Cut diode D16 on the main board.

Do NOT do this! This dickhead is, as it typical for him, just spewing noise. Unfortunately, in this case, taking his noise seriously can have expensive consequences for the uninformed.

It is a sad state of affairs when cretins such as this have to resort to vandalism to elevate their egos above their sorry natural resting place.

2009. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: carl@ais.net
Message-ID: <509qta$r48@news.ais.net>
Source record: 217863

In <506ccf$7au@jupiter.planet.net>, adell@planet.net (Steve - KF2TI) Landing, NJ writes:
>> carl@ais.net writes:
>
>> Only "members" get QST (where the survey was printed) ...
>> supposedly some non-members were mailed a copy, but I've not heard of
>> any proof of that ...
>>
>> Carl - wa6vse
>> carl@ais.net
>
>QST is available for sale in a variety of electronic stores and book stores. they have the survey as well
>
>steve

OK ... for what price? $5 a copy? At that price, the "membership" amounts to a discounted subscription. That is a good deal for readers (financially), but a bad deal for the "subscriber-only-members" who feel that the ARRL is NOT representing their desires and interests and for the majority of US hams who are NOT "members" in any sense.

The inflated "membership" that ARRL claims to "represent" to the IARU and the FCC is a stinking pile of misrepresentation to those bodies.

Every day as I read the cw/no_cw threads on the net I become more and more convinced that it's time for a serious challenge to the ARRL.

Carl - wa6vse
carl@ais.net

2010. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: carl@ais.net
Message-ID: <509r9f$r48@news.ais.net>
Source record: 217864
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In <32271101.796487@netnews.mis.net>, kc4wq@mis.net (Buddy Sohl) writes:
>The point that the ARRL is the largest coordinated group representing
>amateur radio is enough merit in itself to be a member. If you
>believe in amateur radio and want to protect the service AND you are
>not a member of the League, then you're only rowing with one oar. To
>belong to an organization does not mean you agree on all points. But
>to be on the sidelines and bitch shows a lack of character and
>definitely a lack of say in the Leagues business.
>
>Compare this to the ballot box. If you don't vote, don't bitch. If
>you don't belong to the ARRL go get a 27 Mhz radio and join the rest
>of the whiners. My .02
>
>73 de KC4WQ
>
>
Buddy,

I AM a "member" so I guess, even by your standards, I have a RIGHT to
bitch.

And I DID vote the last time I received a ballot from the ARRL.
Actually, it was a write-in that said "None of the establishment lackeys
listed above is acceptable."

Since I have established my right, I'll say it again "The ARRL is run by
a bunch of outdated old cronies who are not in touch with nor
representating the REAL interests and views of the majority of the US
ham community and, therefore, does not deserve the "clout" that it has
at the FCC nor its status as the sole US "representative" to the IARU."

I sincerely hope that I've made my view on the subject abundantly clear.

Carl - wa6vse
carl@ais.net

2011. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: carl@ais.net
Message-ID: <509rro$r48@news.ais.net>
Source record: 217865
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In <507c7d$plk@abyss.West.Sun.COM>, myers@West.Sun.COM (Dana Myers) writes:
(in reply to "Buddy")
>It is too bad that it has become so popular to interpret
>"lack of agreement on an issue" as a "lack of character".
>If someone doesn't agree with the ARRL, doesn't want to support
>the ARRL, and wants to voice concerns anyway, how does that
>show a "lack of character"?
>
>I'm an ARRL member and I strongly support the publishing/education
>efforts of the ARRL. I also recognize the ARRL is the de facto
>lobbying representation of amateur radio in Washington. However,
>I was apalled at the way the 'Little LEO' issue was handled, and
>then e-mail contact with David Sumner concerned me further. I
>could understand someone not wanting to support the ARRL, and
>I don't believe that means that person lacks character.
>
>So, if someone doesn't belong to the ARRL, they are not entitled to
>write the FCC directly? If someone doesn't belong to the ARRL, they're
>automatically a 'whiner' and not entitled to operate on amateur
>frequencies?
>
>I can see that objectivity isn't one of your strengths ;-).
>
Well said Dana ... if my memory serves me correctly, you're not a
"barbarian" (staunch, 100% remove the CW test requirement advocate) like
me ... I appreciate the honesty with which you approach the dabate,
however.

It IS very interesting to see how the "keep the code" folks resort to
personal attacks and attacks on one's character when one disagrees with
them.

I know that at times I get more than a bit emotional over the issue and
that I tend to refer to the pro-code folks as the "CW olde fartz" but
that's meant to be illustrative of the "long for the old days, resist
progress" mentality that they espouse, not to imply that I think they're
all morally degenerate, horrible people. I know may very nice CW olde
fartz ... I actually like many of them in most respects ... I just
disagree with their views on the code and the future of amateur radio.

Carl - wa6vse
carl@ais.net

2012. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: carl@ais.net
Message-ID: <509sh1$r48@news.ais.net>
Source record: 217866
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In <506vrc$6nf@dawn.mmm.com>, grhosler1@mmm.com (Gary Hosler) writes:
>
>You are apparently unaware that the ARRL is promoting TWO survey's.
>One survey (QST) will collect ARRL membership thoughts, the other will
>look at the entire group of licensed amateurs. The information from
>the two sources will be for understanding the differences, if any,
>between amateurs at large and amateurs are members of ARRL. These data
>will be assessed by the WRC-99 Planning Committe the Board. If you
>have questions on how this is being run then contact the committe.
>They will be happy to share the information with you.
>
>73 de KN0Z
>
>"KNOW CODE"
>
Gary,

I'm aware that the ARRL claims to be surveying both members and non members ... as I stated before, I don't trust them not to "fix" the results.

Surveys and statistics can be manipulated to one's own purposes so easily as to render them useless for much beyond generating "data" to support one's foregone conclusions.

Besides, there will be one hell of a lot more copies fo the survey sent to members via QST than will fall into the hands of "the barbarians".

It will be very easy for ARRL to slant the "results" to suit their purposes.

Perhaps a more accurate assessment could be obtained by mailing a ballot on the issue to EVERY licensed US ham, with the reqirement that it be executed and returned or the license would be revoked? This would serve two useful purposes ... 1) get a more representative view of the opinions of ALL hams , and 2) afford the FCC a mechanism for purging the license roles of all the Silent Keys and totally-inactive-couldn't-care "hams."

This would still not be a perfect mechanism to decide yes or no on the issue of keep/abandon the CW _testing_ requirement, because it would not include the views of wannabe hams.

The point is that it's the FCC's obligation to decide the future of ham radio, not on the basis of what the ARRL and its "members" want, but

rather on the basis of what best serves the "public interest."

My view is that the public interest would best be served by a vital, growing, technically-progressive amateur radio service, not a bunch of increasingly senile old-timers whose primary interest is in protecting "their" bands from newcomers and new modes that they can't comprehend.

Carl - wa6vse
carl@ais.net

2013. Olde Fahrtz Bashing

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: AC6V <AC6V@ix.netcom.com>
Message-ID: <3228775C.36D1@ix.netcom.com>
Source record: 217867

Drew Durigan wrote:
An incoherent bunch of mindless generalizations about Senior Hams:

For one who enjoys beating up on Ye Olde Fahrtz, might I inquire of your accomplishments ????

Time for a show of Claws, as the Lion sed to the Rabbit.

Rod in the real Sun Belt

--
Hark for I have hurled my words to the far reaches of the earth!
What King of old could do thus??
..... AC6V

2014. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: carl@ais.net
Message-ID: <509su9$r48@news.ais.net>
Source record: 217868
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <506jrg$8gh@anomaly.ideamation.com>, kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:
>In article <505u57$kcn@news.ais.net>, <carl@ais.net> wrote:
>
>>No, for the most part they're not snobs ... they're simply taking
>>advantage of the fact that their governments have not created sub-bands
>>for eletists like our has and that those segments are less crowded.
>
>Really? Well I'll tell ya, I hear a lot of 5WPM code in the Extra CW
>DX windows. Not.
>
>Funny you should mention crowding. Are you now admitting that crowding
>on HF is a problem?
>

Crowding is NOT a valid reason to "close the door" to admitting new hams. It does, however, argue in favor of encouraging the use of more spectally-efficient techniques so that more can be accommodated.

>>They operate there and say "listening on ____ kHz" so they don't get
>>buried in their own pileups by the US lids who can pound CW but don't
>>know squat about operating courtesy or proper proceedures. Or those
>>whose speech processors and "linears" are 50kHz wide with intermods to
>>the umpteenth order ...
>
>I usually don't run into many US hams running speech processors in the
>lower 25kc of the band.
>

Why don't you try REAL hard to read what I wrote and understand what I SAID?

It was exactly my point that the reason DX tends to congregate in the portions of the band (where most US hams can't go) is precicely to avoid being stomped on by lids who passed a 13+wpm code test but can't properly operate an HF station (either technically, vis a vis the over-driven speech processors and linears that are not linear, or in terms of basic operating courtesty and proper proceedures.)

Carl - wa6vse
carl@ais.net

2015. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: carl@ais.net
Message-ID: <509th0$r48@news.ais.net>
Source record: 217869
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <506k14$8hf@anomaly.ideamation.com>, kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:

>Yes... And.... What's your point? Seems obvious that you'd want to be able
>to use the lowest-common-denominator of person to administer your test.
>Someone with enough brains to handle the administrative chore yet doesn't
>have any specialty knowledge that means you have to pay them more than
>minimum wage. This is why we don't see very many MDs scooping ice cream
>at the local snack shop. ^^^^^
>
>MD
^^^^^

Let me get this straight now ... you can't even get a job scooping ice cream at the local snack shop because you don't have enough brains to handle the administrative chores? Is that what you said?

Sorry, but I couldn't resist ... that's the same sort of convoluted half-truth missinterpretation that you applied to my last comments.

Please READ the posts here and if you diassagree with what was truly said, reply, but also please engage brain before engaging mouth or you'll be dissagreeing with something that wasn't said.

Carl - wa6vse
carl@ais.net

2016. Lightning Protection

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: Harry Clinton <ni4p1@hcc-uky.campus.mci.net>
Message-ID: <3228818C.2A42@hcc-uky.campus.mci.net>
Source record: 217870

Lightning Protection information. E-mail the United States postal address you would like information sent.

2017. Re: Code debate

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: carl@ais.net
Message-ID: <509vba$r48@news.ais.net>
Source record: 217871

In <19960830.093039.12478.5.rcrii@juno.com>, rcrii@juno.COM (Ron C Rohrbaugh II) writes:
>I guess there are differnt types of people, some who accept challenge
>and those who complain about it.
>Ron N8TPM
Ron,

There are many challenges available to those who have an interest in ham radio. Designing new hardware, developing new protocols for more efficient sharing of our spectral resources, building new ham satellites, training others in the technical skills necessary to design and build their own gear if they wish.

I work for a large (about $2B in sales this year) company. Our employees face many challenges every day in the course of performing their duties. However, our management is smart enough to avoid placing unnecessary roadblocks in the way of employees who are trying to reach a goal. That, coupled with the fact that we've hired a lot of very talented people is why our company is so incredibly successfull.

If our HR department started requiring a CW test before an engineer could be hired, we'd have a hell of a lot less engineers ... and be a much smaller company ... and be a hell of a lot less successful.

Just as the CW test is not relevant to my company's employment criteria, it has become irrelevant as a requirement for a ham license. There are a lot of other things to do and to contribute to in ham radio and we'd be a lot better off if we eliminated the unnecessary roadblock.

And please don't presume to characterize me as someone "who'd rather avoid a challenge than face it" ... you don't KNOW me, so you're not qualified to make that judgement!!! ... I've faced plenty of challenges ... from the technical challenges of my career, to 4 years with a wife dying of breast cancer, to a two year sailing voyage from California to Florida in a 42' sailboat ... and many others.

A "challenge" is an adversity that one chooses to overcome because it's either unavoidable or an inseparable part of a worthwhile goal ... a roadblock is simply an artificial barrier that has no purpose but to deny entry.

Carl - wa6vse
carl@ais.net

2018. Which is better CB or Ham radio?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: 101345.3552@compuserve.com
Message-ID: <509vvc$769@tofu.alt.net>
Source record: 217872

I'm totally confused after reading all of the posts here on the Usenet groups. What is the difference between ham and CB radio? Do you need a license to be a ham?

Isn't CB radio much better and cheaper?

Just wondering.

Mike

2019. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: agray@voicenet.com
Message-ID: <32288A8D.4514@voicenet.com>
Source record: 217873
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

carl@ais.net wrote:
>
> In <Pine.BSI.3.93.960829174551.12390E-100000@cais3.cais.com>, <zut@cais.com> writes:
> >
> >You see Bill, rather than trashing something another segment uses and
> >enjoys, those of us who derive pleasure from operating CW want to share
> >the fun and invite others to join us.
> >
>
> Tony,
>
> An "invitation" usually infers the opportunity to decline without
> reprisals. There is no "invitation" to "join in the fun" ("fun" is your
> term for CW, not mine) only the demand "do it or stay the hell away!!!"
> issued by the CW olde farte "establishment" and enforced by the FCC at
> the request of the ARRL.
>
> >If I wanted to trash something, it would be that old and truly obsolete
> >spectrum wasting 1920's technology that infests the VHF/UHF band: NBFM.
> >Why not increase spectrum efficiency five-fold and mandate a change to
> >ACSSB?
>
> Nobody has suggested "trashing" CW ... nobody has said "ban its use" ...
> just "eliminate the requirement for CW test to get a license" ... as
> far as NBFM is concerned I'd be inclined to agree ... it's actually
> being done in the commercial bands ... stating sometime this year, I
> beleive, to get type approval on a radio for the Part 90 bands will
> require that the radio meet new spectral efficiency standards ... if
> memory serves me correctly, the standard will (effectively) require the
> use of QPSK or better ... (spec'd in bits/Hz ... I forget the exact
> number, but recall it as a QPSK or better type of number) ...
>
> That's part of my point against CW requirements ... the FCC is pushing
> commercial interests ... if we continue to use our spectrum
> inefficiently, we'll be much better targets in reallocation proceedings.
>
> We also need LOTS more hams to boost the users/MHz number significantly.
> That'll both push us to use our spectrum more efficiently, it'll look a
> LOT better to the FCC in terms of justifying the size of our
> allocations.
>
> Public interest value ~= (Users_per_MHz)*(Value_of_user_activity)
>

> Right now I'm afraid we'd rate pretty low ...
>
> Carl - wa6vse
> crl@ais.net

Carl-

Just out of curiosity, would you care to assign a number to that "lots"?
It seems reasonable to ask what you mean by the term when you ask others
to accept it as part of your argument.

Alan, W3BV

2020. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <50a1nn$i1h@jupiter.planet.net>
Source record: 217874

> carl@ais.net writes:

> It was exactly my point that the reason DX tends to congregate in
> the portions of the band (where most US hams can't go) is precicely to
> avoid being stomped on by lids who passed a 13+wpm code test but can't
> properly operate an HF station (either technically, vis a vis the
> over-driven speech processors and linears that are not linear, or in
> terms of basic operating courtesty and proper proceedures.)
>
> Carl - wa6vse
> carl@ais.net

i'd like to read some examples of this last statement, i personally find it to be erroneous. Are you referring to 40
meters, 80 meters??? 10 meters??? just where can't most hams operate???

actually i find that the dx tends to congregate in area's the US general class licensees can't go, which I feel is a shame.
The dx windows seem to allow more than enuf advanced and extra class US licensees access to those stations
operating "DX"

and working split has been around alot longer than the no code or "dumbed down" testing. But then again, it
seems that europe has more than it's share of non courteous operators as well. It has nothing to do with non linear
linears or poor operating habits persaye

steve

2021. Amateur Radio Newsline #994 30 August 1996

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: bigsteve@dorsai.org
Message-ID: <SHJKyQQI81WL091yn@dorsai.org>
Source record: 217875
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB NEWSLIN @ ALLBBS $NLIN.994
Amateur Radio Newsline #994 30 Aug 1996

The Newsline Information and Copyright Notice is now published seperately every month. Please read this notice before using any part of Newsline in any manner. For a copy of the notice e-mail bigsteve@dorsai.org or netmail Steve Coletti @ 1:278/230 on Fidonet.

NEWSLINE RADIO - CBBS EDITION #994 - 08/30/96

(**)
(* *)
(* A M A T E U R *)
(* *)
(* R A D I O *)
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(* N E W S L I N E *)
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The following is late news about Amateur Radio for Radio Amateurs as prepared from NEWSLINE RADIO scripts by the staff of the AMATEUR RADIO NEWSLINE, INC., formerly the WESTLINK RADIO NETWORK. Amateur Radio Newsline is a audio news service distributed via telephone.

This hardcopy version is produced by Dale Cary - WD0AKO from scripts provided to him weekly by Newsline. It is then distributed to on-line services, bbs networks and internet user jointly by Dale Cary and Steve Coletti.

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(Fax senders wait for voice prompt.)

Hardcopy comments or complements can be directed to:

Dale Cary, WD0AKO
Hardcopy Distribution for Newsline

Internet E-mail: wd0ako@rrnet.com
Phone: (218) 236-6324

For further information about the AMATEUR RADIO NEWSLINE, please write to us with an S.A.S.E. at:

NEWSLINE
c/o Andy Jarema-N6TCQ
P.O.Box 660937
Arcadia, CA
91066

Thank You,
NEWSLINE

(**********
Some of the hams of AMATEUR RADIO NEWSLINE: WA6ITF WB6MQV WB6FDF K6DUE W6RCL N6AHU N6AWE N6TCQ K6PGX N6PNY KU8R N8DTN W9JUV KC9RP K9XI KB4KCH KC5UD KC0HF G8AUU WD0AKO DJ0QN and many others in the United States and around the globe!!!
(**********

[994]

Newsline report number 994 with a release date of Friday, August 30, 1996 to follow.

(*****
The following is a QST

Jamming police puts three people behind bars in Arizona. Find out more on Newsline report number 994 coming your way right now!

(*****
THREE DETAINED IN MESA INTERFERENCE CASE

Three people have been detained in Mesa Arizona for interfering with emergency service and Amateur Radio communications and others may be taken into custody in the case. On Friday evening August 16th and Saturday morning August 17th Mesa police, with the help of Arizona Repeater Association's Interference Committee, FCC personal and several Mesa hams, executed search warrants and detained three individuals who were suspected of causing interference. This by transmitting on police, fire, and several other agencies channels. Their alleged interference consisted of transmitting false officer emergency calls, hot tones, using profanity and describing sex acts on the police channels. This has interfered with police and fire traffic and caused delays in the ability to dispatch emergency traffic.
Local Mesa hams say that they believe that these same individuals are also believed responsible for malicious interference, bomb threats, and 911 abuses on numerous local amateur repeaters. Hams say that it was these transmissions that lead the Interference Committee to their locations. Communications equipment found at their residences, including radios, computers, and even their telephones has been seized and numerous charges

are pending. They could also face sanctions from the FCC as well. Its believed that at least two of the three are licensed hams.

(*****
HAM RADIO CIVIL RIGHTS SUIT FILED

A ham who was barred by a civil court from operating on a Southern California two meter repeater says that the judgement violated his rights to freely express his views. Timothy Seawolf KJ5KE of Quail Valley California has filed suit in United States District Court for the Central District of California against the Claremont Amateur Radio Club, its board of directors, all members past and present and attorney Sidney L. Radus, N6OMS.
KJ5KE contends that the Claremont club and its members conspired to obtain a restraining order in state court that prevented him from exercising his right to speak on certain radio frequencies authorized by his Amateur Radio license. Seawolf, who is acting as his own attorney is seeking a federal court order that overturns the state action that bars his use of the Claremont club repeaters. He also demands free access to club meetings and ten million dollars in punitive damages.
Seawolf's suit was actually filed earlier this year but was held low key. Its existence came to light only recently. This after rumors began circulating in local ham radio circles that indicated one or more civil rights groups were getting ready to offer him legal aid. So far that has seemingly not materialized and no trial date has been announced.

(*****
HAMS PITCH IN DURING ILLINOIS FLOODING

Ham radio was the hero of some recent midwest storms. Early on the morning of Thursday, July 18th, heavy rains hit Northern Illinois, causing massive flooding over a large area. Within DeKalb County Illinois nearly 240 mobile homes were either destroyed or severely damaged. Many other residences were also affected as a result of the floods.
With the assistance of the Kishwaukee Amateur Radio Club, the American Red Cross and the Salvation Army were able to respond during the early stages of the disaster. Using a 2 meter radio system that had been set up at the local Red Cross chapter in DeKalb, and the WA9CJN club repeater operating on a standby generator, volunteers were able to communicate with the Salvation Army as they arrived to set up canteen services at one trailer park in Sycamore. Other hams assisted the Red Cross at another trailer park in the town of Kirkland.
Later that day, the Salvation Army set up a shelter for the Sycamore residents, and the Red Cross established a shelter in Kirkland. Both shelters benefitted from the ham radio link until regular telephones could be installed days later.
Over the next few days, club members proved invaluable as they pitched in to help with damage assessment, administrative duties, mass care and logistics. Nearly two dozen KARC hams volunteered their time and resources to help out in this disaster.

(*****
ARRL DISQUALIFIES TWO CANDIDATES

Two hams have been disqualified to run in this years ARRL divisional elections. Amateur Television Quarterly Magazine publisher Henry Ruh, KB9FO wants to be the Director for the leagues Central Division and filed a petition to run again longtime incumbent Ed Metzger, W9PRN. But on Friday, August the 24th, the ARRL denied Ruh's petition. The league says that a conflict exists because Ruh still legally owns ATVQ Magazine. Ruh says that he is in the process of selling the publication, but the sale has not been completed. The ARRL says that it is required to make its determination of eligibility based on the situation as it exists now, not on the basis of how it might change in the future. As such, Ruh cannot run for office at this time.
In the Hudson Division, a ham previously told he was ineligible to hold ARRL elective office but who filed to run anyway has also been disqualified. Benjamin Friedland, K2PBP, is a director and member of the executive committee of the Industrial Telecommunications Association. The ITA is a membership organization of industrial and land transportation radio licensees whose interests in matters before the FCC potentially are in conflict with those of the League. Friedland's interest in the ITA arises from his business. He is listed as president and general manager, and 51% shareholder, of the Morristown & Erie Railway, Inc.
Ruh and Friedland were declared ineligible because each is involved with a business connection that is contrary to Article 11 of the ARRL's Articles of Association. Both have advised of their disqualification and also of the procedure to be followed should they wish to appeal the decision to the full Board.

(*****
DECLARED ELECTED

In a related story, several candidates did run unopposed and have been declared eligible and elected. In the Northwestern Division Greg Milnes, W7AGQ is the Vice Director for the next two years. The same for Vice Directors Dennis Bodson, W4PWF, in the Roanoke Division, Walt Stinson, W0CP in the Rocky Mountain Division, Art Goddard, W6XD in the Southwestern Division and Barney Boone, KJ5AE in the West Gulf Division.
And the West Gulf Division also has an old face returning to the ARRL Board as Director. That of former League Vice President Jim Haynie, WB5JBP.
Ballots will now be mailed out to decide the results of elections where two or more candidates have been declared eligible to run for office. Perhaps the most interesting contest to watch will be in the Leagues Hudson Division where two relatively unknowns will be vying to replace Director Paul Vydarney, WB2VUK. Vydarney recently announced that he has decided not to stand for re-election.

(*****
JAREMA ON FUNDING

The following is a repeat of a story aired last week dealing with the funding crisis currently facing Newsline. Here is our support Fund

Administrator, Andy Jarema, N6TCQ:

"My job is to make sure that the bills get paid, and I'm here to tell you that I'm about to pull the plug. Pull the plug on over 19 years of responsible, up to the minute reporting of the news that matters to you, the radio amateur. There's been a fleet of caring amateurs, just like you, bringing you the news as it happens. As amateurs, we're committed to the concept of bringing you that news voluntarily, without monetary compensation.
Many of you have stepped up to the plate to help us, and we appreciate every effort. But the sad fact is that it takes an average of $1000 per month to keep Newsline on the air, with the online services, long distance to get the voices of the news when it happens, phone lines for the news feeds, postage services, and the like. For the past two years, voluntary contributions have averaged less than $500 per month. I don't have to ask you to do the math.
How many amateur radio clubs are there in the U.S., or in the many other countries where Newsline is heard, or even more where it is now read and heard on the Internet? If each club would contribute just $50 to $100 a year to keep Newsline on the air, you would achieve the goal of keeping the latest amateur radio news flowing to you.
As an MBA, and a CPA, and owning, building, then selling my own business, I don't like losing propositions. You've heard hams refer to "hitting the Big Switch". Newsline report number 1000, on October 11th will be our last newscast, unless you help now in a major way. We have no choice.
Again, our address:

Newsline Support Fund
P.O.Box 660937
Arcadia, CA
91066-0937

Don't worry about the plus four if you didn't get it. It's up to you.

(*****
AUTHOR'S NOVEL FEATURES AMATEUR RADIO

Birmingham, Alabama, author Don Keith, N4KC, will have his second major novel published as a hardback original by St. Martin's Press late this year. Entitled "Wizard of the Wind", it is set in the world of radio broadcasting, but has elements pertaining to amateur radio as well.
The book tells the story of a young man who is fascinated by the magic of radio when he first hears distant signals and early rock and roll music on an old upright Zenith radio. He later begins a career as a disk jockey, sees the promise of FM, and begins to build an empire of stations. But along the way, he loses sight of the magic that drew him to broadcasting in the first place and almost loses all he has created as well as those he loves most.
One of the principal characters in the book is a ham radio operator, and he uses old fashioned "fox hunting" techniques to help track the "bad guys" in a crucial part of the book's narrative.

Keith spent over twenty years in radio as on air personality, manager, owner and consultant, and currently works with a company which develops and markets computer software for the broadcast industry. He has been a licensed ham since 1962 and currently holds the Amateur Extra class FCC license. He is a former officer in the Birmingham Amateur Radio Club and was its first Public Information Officer. He is most active on 20 meter CW and 2 meter FM.
N4KC's first novel, "The Forever Season", was also published by St. Martin's Press, and continues to enjoy tremendous commercial and critical success. The trade paperback edition of that book will be released before months end.

(*****
QSLS SOUGHT FOR HAM RADIO COP SHOT IN LINE OF DUTY

From our friends at the ARRL Letter comes word that Dave Harvey, KE4VDP, of Lithonia, Georgia, is recuperating from gunshot injuries that almost cost him his arm and still could cost him his career as a police officer. On July 13, Harvey, who's with the DeKalb County Police Department in Decatur, Georgia, responded to a call of shots fired. He came face to face with a man armed with a rifle who fired two shots at Harvey, hitting him once, in the left forearm, before two other officers returned fire and killed the man.
Harvey is out of the hospital following surgery, but he's been told he might lose much of the use of his hand and that he might never again be able to work as a police officer. Even so, Lt. J. E. Hanson of the DeKalb County Police Department says he remains very optimistic that Harvey will be able to return to duty.
Another friend and colleague, Jim Sheppard, KT4FD, says Harvey has been a ham for about a year and a half and has never received a QSL card. During Harvey's recuperation, Sheppard is requesting hams send KE4VDP their QSLs to cheer him up and wish him a speedy recovery. Sends cards to:

Dave Harvey, KE4VDP
2850 Shiloh Way
Lithonia, Georgia
30058

(*****
ARRL NEW ENGLAND CONVENTION OFFERS ANTENNA WORKSHOP

The ARRL's antenna guru, Dean Straw, N6BV, will offer his workshop "Computer Aided Antenna System Design of HF and VHF Stations, Including the Effect of Local Terrain." This, during the ARRL New England Convention, Friday, October 4th, from 3 to 9 PM, in Boxboro, Massachusetts.
Dean Straw edits The ARRL Antenna Book and regularly contributes to QST. Space at his symposium is limited, so register by October 2. To do so, call Peter Budnik, KB1HY, at area code (860) 594-0239.

(*****
CYBERHAM MAGAZINE

A new ham radio magazine that capitalizes on the fact that over seventy percent of all hams own computers will be on the market by early September. CyberHam magazine is the Brainchild of Gene and Shari Harlan. Gene is WB9MMM while Shari is WB9SFT. The magazine will feature material for both the computer literate ham and those who want to become computer literate. For more information contact Gene and Shari Harlan at 1 (800) 557-9469.

(*****
NEW ARRL STAFFER

Former Cushcraft Amateur Sales Manager Ed Hammond, WN1I, has joined the ARRL staff. His primary responsibilities will involve publication sales and membership recruitment activities. Hammond is already out speaking to radio clubs on behalf of the ARRL and Amateur Radio.

(*****
JAS2 NOW FO-29

The recently launched Japanese ham radio satellite known initially as JAS 2 and after its launch as Fuji 3, has another new name. Call it Fuji Oscar 29.
The name change was the result of a note from AMSAT North America president Bill Tynan, W3XO to Fujio Yamashita, JS1UKR Director of the Japan Amateur Radio League Technical Laboratory. In it, Tynan asked if JARL wanted to designate Fuji 3 with an OSCAR number. Yamashita responded that he had communicated with the JARL President Shozo Hara, JA1AN who agreed with the name change. As a result, the new and permanent name for the satellite is Fuji Oscar 29 or simply FO-29.

(*****
STS-79 SAREX

Astronaut Carl Walz, KC5TIE, an EVA specialist on Atlantis shuttle flight STS-79 has passed his Technician class exam. He and astronaut Jay Apt, N5QWL, will operate SAREX during the mission to ferry scientific equipment to the Russian Mir orbital complex.
Walz studied for his test while on an airliner returning from training in Russia. He says that he found it much easier to grasp than the Russian language training the crew has been taking for the past year. Astronaut Apt studied for his VE certification on the same flight and participated in KC5TIE's test session.

(*****
WILLIAM J STEVENS, W6ZM, SK

Some sad news. Long time friend and former ARRL Director Bill Stevens, W6ZM, of San Jose, California, died August 17. Bill Stevens was age 84 and served as Pacific Division director from 1978 through 1985. The Board elected him vice president at the 1986 annual meeting; he served one term. He is survived by his wife Delphie. A memorial service was held for Bill on August 24th.

(*****
DX STAMP

In DX, Pitcairn Island in the Pacific, famous as the final refuge the mutineers from the HMS Bounty, is issuing four Amateur Radio stamps on September 4, 1996. One 20 cent stamp lists the call signs of this year's members of Pitcairn's Amateur Radio club; two $1.50 stamps show VR6IM requesting and receiving medical assistance, and a $2.50 stamp shows Andrew Young, VR6AY, Pitcairn's first amateur, in 1938. Pitcairn has the largest population of amateurs per capita of any country in the world. Nearly one of every four of the 50 or so people on the island is licensed. If you're interested in Pitcairn Island, check out the Pitcairn Island site on the World Wide Web.

(*****
NEW WORLDRADIO YOUTH WRITER

Congratulations to fifteen year old Brian Mileshosky, N5ZGT of Albuquerque, New Mexico. Brian has been chosen to replace Sammy Garrett, AA0CR as Worldradio Magazines youth columnist. Garrett is off to journalism school at American University with hopes of a career as a foreign correspondent.
Mileshosky is an active Albuquerque ham and a member of Boy Scout JASM Troop 41 in the Duke City. His first "Youth Forum" column will appear in the November issue and Brian tells Newsline that he is very excited. You can reach Brian via the internet to n5zgt@swcp.com

(*****

And for this week, that's all from the Amateur Radio Newsline. You can write to us at:

NEWSLINE
P.O.Box 660937
Arcadia, California
91066

For now, with Bill Pasternak, WA6ITF at our editors desk, We at Newsline say six weeks and counting, 73 and we thank you for listening.

(* * * Newsline is copyright 1996 & All Rights Are Reserved. * * *

--
< ^^>
< "Big Steve" Coletti >
< Computer and Network Installation, Upgrades and Repair. >
< Internet: bigsteve@dorsai.org >
< I was balding, then I installed Windows 95 and pulled the rest out. >
< US Mail: P.O. Box 396, New York, NY 10002 >
< Fax Weekdays/Voice Weekends: +1 212 995-2637 >
~~~~~~
~~~~~~

2022. Re: rsgb g0tww:Stop the knocking

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: Brian {G7SMQ} <kraftee@proweb.co.uk>
Message-ID: <01bb9773$b93349c0$3e8eb0c2@kraftee.proweb>
Source record: 217876
Cross-posted to: uk.radio.amateur,rec.radio.amateur.policy,rec.radio.amateur.misc

It's a shame that over the last 4 years I've been attending rallies, that at each one which the RSGB dained to "attend", the stands have ALWAYS been attended by {if anyone at all} bored females {not that I've got anything against that} who only wanted to sell either membership or publications. There has NEVER been any attempt towards dialogue! This is both in the midlands & the London area...

Yes a lot of the work is done by volunteers, who are very willing & even able, it's just unfortunate that the so called professionals do not act in a like manner.

As for the RSGB not being allowed to answer via packet, if you read your BR68, clause 3, subclause 3, it clearly states you can IF you are a non profit organisation established for the furtherance of amateur radio. So these questions I MUST ask:-

1)Is the RSGB mainly interested in making a good profit, indeed any profit & if so when are you going to start worrying about the ongoing drop of members?

2)Isn't the RSGB supposed to be for the furtherance of amateur radio in the UK not the furtherance of some clique of supposed professionals?

albert corker <bert@skypilot.demon.co.uk> wrote in article
<3215e779.4219896@news.demon.co.uk>...
> Radcom April 1996
>
> Stop the Knocking
----------SNIPPED TO SAVE
SPACE----------
> To take one example of the criticism aimed at the Society , I
> recently read that the Society fails to take account the views
> of its members. Nothing could be further from the truth. Over
> the past two years the Society has held a number of regional
> meetings up and down the country. These meetings where open to
> both members and non-members, and gave detractors the ideal
> opportunity to put forward their views. With out exception
> theses meetings were very poorly
> attended. At most of the large rallies and events we attend
> there is always a chance to take to task members of the HQ team,
> myself included, and members of Council and the volunteers Com
> mittees. Most people who take the time to talk to us are most
> supportive of the work of the Society.

> All of us that hold a license and enjoy our hobby own them a debt
> of gratitude for their efforts. They certainly do not deserve the
> level of criticism aimed them by a few mis-informed mischief
> makers who have put their views across on the packet network,
> but do not have the courage to raise their views face-to
> face when given the opportunity.

I HAVE TRIED, the only person who actually listened & indeed helped, YOU removed from office & by doing so caused a lot of the publicity you're complaining about. The only reason you as an organisation dislike packet is that YOU cannot control it, despite the efforts of the DCC who have been trying to stiffle it.

> Criticism of HQ staff is acceptable, because the staff and I
> are paid to service the needs of the membership. However such
> criticism should not be on packet network, because HQ staff - as
> professionals - are prohibited from using amateur radio to reply.
> If we are failing in our duties then I would welcome any
> constructive criticism in writing, back by facts and figures.
> That would give me and the staff the opportunity to make any
> changes required to improve the service.

I have to ask why do you ask for facts & figures when your complete "posting" is emotionally based, there are no facts or figures included at all.

I don't like the arguments & fighting but bulletins such as the one you posted will do nothing to stop what is going on! ONLY if & when you, as an organisation, start to listen once more to the amateur radio fraternity, stop giving jobs to the "boys" {or "girls"} & get back to the furtherance of ALL the amateur radio fraternity in this country will things ever get better. One final question:-

If you're so worried about what's going on, what are really trying to hide?

2023. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <50a6f3$ain@anomaly.ideamation.com>
Source record: 217877
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <509rro$r48@news.ais.net>, <carl@ais.net> wrote:

>It IS very interesting to see how the "keep the code" folks resort to
>personal attacks and attacks on one's character when one disagrees with
>them.

Funny, but I seem to recall a post to just the reverse only a few weeks
ago.

>I know that at times I get more than a bit emotional over the issue and
>that I tend to refer to the pro-code folks as the "CW olde fartz" but

So, using the term "CW olde fartz" is okay, but using the term "no-clue"
to refer to codeless techs is not okay?

Sorry, can't have it both ways. Either you be completely civil in your
discourse, or don't complain when people spit back.

MD
--
--
-- "I have more guns than I need, and less guns than I want." -- Phil Graam
--
-- If you don't like my opinions, that's just too damn bad.

2024. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <50a72k$alq@anomaly.ideamation.com>
Source record: 217878
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <509su9$r48@news.ais.net>, <carl@ais.net> wrote:

>>Really? Well I'll tell ya, I hear a lot of 5WPM code in the Extra CW
>>DX windows. Not.
>>
>>Funny you should mention crowding. Are you now admitting that crowding
>>on HF is a problem?
>>
>
>Crowding is NOT a valid reason to "close the door" to admitting new
>hams. It does, however, argue in favor of encouraging the use of more
>spectally-efficient techniques so that more can be accommodated.

Okay, I'll buy into this line of reasoning. Where are all the technical
innovations promised to us by all the the techno-genius wiz-bang kids that
the codeless license would attract? I'd like an itemized list. Its
been five years now, certainly there are one or two that are now
commercially available.

>>>They operate there and say "listening on ____ kHz" so they don't get
>>>buried in their own pileups by the US lids who can pound CW but don't
>>>know squat about operating courtesy or proper proceedures. Or those
>>>whose speech processors and "linears" are 50kHz wide with intermods to
>>>the umpteenth order ...
>>
>>I usually don't run into many US hams running speech processors in the
>>lower 25kc of the band.
>>
>
>Why don't you try REAL hard to read what I wrote and understand what I
>SAID?

Testy, testy. Now calm down Carl. I wouldn't want you to start hurling
insults in face of your last post telling us how much you want to keep
the discussion above-board.

>It was exactly my point that the reason DX tends to congregate in
>the portions of the band (where most US hams can't go)

All these foreign hams decide to use the extra-class DX windows
and operate CW to "escape" from poor "general" class operators? Did
I get that straight?

So, what you're saying is that the extra class license examinations
(along with that 20wpm code test) somehow give us better operators on

HF, is that it? (Must be, since all these foreign ops want to talk to them.)

Oh, and maybe you can tell me: how much "foreign dx" (foreign-to-non-US contacts) is in that lower 25kc? Just so I know, because I wouldn't want to make a statement like "funny, most of the dx I hear in the lower 25kc seems to be foreign ops contacting US ops".

Now, true that there is much contact outside the US frequency allocations, but we can't say that foreign ops are operating within the frequency allocations merely because they don't want to work in ours.

MD
--
--
-- "I have more guns than I need, and less guns than I want." -- Phil Graam
--
-- If you don't like my opinions, that's just too damn bad.

2025. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <50a77u$ami@anomaly.ideamation.com>
Source record: 217879
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <509th0$r48@news.ais.net>, <carl@ais.net> wrote:

>>Someone with enough brains to handle the administrative chore yet doesn't
>>have any specialty knowledge that means you have to pay them more than
>>minimum wage. This is why we don't see very many MDs scooping ice cream
>>at the local snack shop. ^^^^^
>>
>>MD
>^^^^^
>
>Let me get this straight now ... you can't even get a job scooping ice
>cream at the local snack shop because you don't have enough brains to
>handle the administrative chores? Is that what you said?

No, you don't see many highly-talented people (such as MDs) scooping
ice cream because you can pay some moron $4.15 (or whatever minimum
wage is these days) to accomplish the same thing.

>Please READ the posts here and if you diassagree with what was truly
>said, reply, but also please engage brain before engaging mouth or
>you'll be dissagreeing with something that wasn't said.

Funny, it would seem that you need to take your own advise.

MD
--
--
-- "I have more guns than I need, and less guns than I want." -- Phil Graam
--
-- If you don't like my opinions, that's just too damn bad.

2026. Re: Anonymous poster caught: J. Mackey (nb)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: tim <drx1@ix.netcom.com>
Message-ID: <322897CF.7DC6@ix.netcom.com>
Source record: 217880

It's about
time, A
showdown at a news group without bert fisher. hahahaha Thought I would
lighten it up.
Tim Phillips,KF4FCO-em70
drx1@freenet.fsu.edu
have a nice day

2027. Re: Looking for a mailorder outfit to purchase a handheld scanner

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: "Donald B. Bell" <dbell@cyberstation.net>
Message-ID: <01bb977b$d1f3ad80$4300a7cd@dbell.cyberstation.net>
Source record: 217881
Cross-posted to: alt.radio.scanner,rec.radio.scanner,alt.radio.pirate,rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.policy

Have you tried Tucker Electronics ??? They have a Web page.

Also, pick up a copy of "Popular Communications" magazine. Many smaller companies advertise in the back and they have better prices.

Tom Prossima <prossima@ix.netcom.com> wrote in article <3227AAE4.D4D@ix.netcom.com>...
> greg@tgill.com wrote:
> >
> > Douglas Alexander wrote:
> > >
> > > Looking for a good mailorder firm to purchase a handheld scanner from:
> > >
> >
> > http://www.demon.co.uk/javiation/
>
> You can also try Grove. They have a great web page at www.grove.com
>

2028. Re: Which is better CB or Ham radio?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: AC6V <AC6V@ix.netcom.com>
Message-ID: <3228A412.1750@ix.netcom.com>
Source record: 217882

Mike Adams wrote:
>
> I'm totally confused after reading all of the posts here on the Usenet
> groups. What is the difference between ham and CB radio? Do you need
> a license to be a ham?
>
> Isn't CB radio much better and cheaper?
>
> Just wondering.
>
> Mike

Hi Mike for ham radio see URL:
http://www.smartpages.com/faqs/radio/ham-radio/faq/

For CB see URL:

http://www.smartpages.com/faqs/radio/cb-faq/

Should answer most of your questions.

I would suggest that you ignore responses that pit one versus the other
and make up your own mind. Neither is "better" it depends on your needs
and goals.

Good Luck
Rod in San Diego
--
Hark for I have hurled my words to the far reaches of the earth!
What King of old could do thus??
..... AC6V --Amateur Radio call Sign
---- KEV9506 --- CB Call Sign

2029. Re: Newsgroup Question

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: "Anthony R. Gold" <tgold@tgold.dialup.access.net>
Message-ID: <841522435snz@tgold.dialup.access.net>
Source record: 217883
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <1996Aug30.181532.13958@ke4zv.atl.ga.us>
gary@ke4zv.atl.ga.us "Gary Coffman" writes:

> In article <504j63$k34@lehi.kuentos.guam.net> pacrimgolf@kuentos.guam.net
> writes:
> >Are 'rec.radio.amateur.misc' and 'rec.radio.amateur.policy' two different
> >newsgroups, or are they just two different names for the same newsgroup ?
> >
> >Reason I ask is it seems everytime I download, I get the same thing in
> >both groups. Is my newsreader screwed up or what ?
>
> Yeah, it's screwed up. It should only show you a crossposted message
> *once*, in the first group where you read it. There's only one copy
> of a crosspost on the system, stored in the group from which the
> post originated, there are only pointers to it in the other groups.

Are you *sure* you are familiar with the architecture of the newsbase
structure in Jim's Forte newsreader, Gary? Also, your concept of an
`original' newsgroup which you say can be distinguished from any
cross-posted groups was itself highly *original*. I am sure that if
you were to sit down and invent a news transport system of your own
design from scratch and you ignored NNTP and RFC997, you could
actually make one just the way you describe it.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

2030. Re: Olde Fahrtz Bashing

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <50a7ln$aom@anomaly.ideamation.com>
Source record: 217884

In article <3228775C.36D1@ix.netcom.com>, AC6V <AC6V@ix.netcom.com> wrote:

>For one who enjoys beating up on Ye Olde Fahrtz, might I inquire of your
>accomplishments ????

He doesn't have a radio, nor any accomplishments.

Drew is a troll, nothing more, nothing less.

MD
--
--
-- "I have more guns than I need, and less guns than I want." -- Phil Graam
--
-- If you don't like my opinions, that's just too damn bad.

2031. Re: Ten Tec reflector

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: MADJID <orion@odyssee.net>
Message-ID: <322872FC.41B1@odyssee.net>
Source record: 217885

Bryan King wrote:
>
> I recently heard there is a Ten-Tec mail reflector. The address being
> tentec@akorn.net. I subscribed to this mailing list on August 17 but
> have not received any verification or anything related to this list.
> Does anybody know anything regarding this list? Is this the correct
> address?

On the Web you can find them at:
http://www.akorn.net/hamradio/tentec/

The Email address for TenTec is:
"Ten-Tec, Inc." <74130.212@CompuServe.COM>
--
Madjid, VE2GMI Internet: orion@odyssee.net
Antenna simulation program:
http://www.coast.net/SimTel/SimTel/win3/hamradio/nec4w15.zip

2032. packet on 440

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: Glen Menendez KD4EQI <menendez@roanoke.infi.net>
Message-ID: <3228B9E7.63D3@roanoke.infi.net>
Source record: 217886

Could someone tell me where most of the packet activity is likely to be found on uhf? I just hooked up my dual band rig and want to test the uhf side. Thanks,

Glen KD4EQI

2033. Re: packet on 440

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: AC6V <AC6V@ix.netcom.com>
Message-ID: <3228BE91.7208@ix.netcom.com>
Source record: 217887

Glen Menendez KD4EQI wrote:
>
> Could someone tell me where most of the packet activity is likely to be
> found on uhf? I just hooked up my dual band rig and want to test the
> uhf side. Thanks,
>
> Glen KD4EQI

The ARRL repeater directory sez:

100 kHz BW channels at:
430.05, 430.15, 430.25 430.35, 430.45, 430.55, 430.65 430.85 430.95

and 25kHz BW at 431.025, 440.975, 441.000 441.025 441.050 441.075

Good packeteering
Rod in San Diego
--
Hark for I have hurled my words to the far reaches of the earth!
What King of old could do thus??
..... AC6V

2034. IPS Daily Report - 31 August 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <50agjl$hkc@flare.syd.ips.oz.au>
Source record: 217888
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 31/2330Z AUGUST 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE AUSTRALIAN SPACE FORECAST CENTRE
SUMMARY FOR 31 AUGUST AND FORECAST FOR 01 SEPTEMBER - 03 SEPTEMBER

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 76/14

GOES satellite data for 30 Aug
Daily Proton Fluence >1 MeV: 1.3E+06
Daily Proton Fluence >10 MeV: 1.6E+04
Daily Electron Fluence >2 MeV: 4.1E+08 (moderate)
X-ray background: A5.7
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
01 Sep 02 Sep 03 Sep
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 01 Sep: 73/9

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: quiet to active

Estimated Indices : A K Observed A Index 30 Aug
Learmonth 12 3234 3222
Fredericksburg 13 17
Planetary 13 14

Observed Kp for 30 Aug: 5341 1223

2B. MAGNETIC FORECAST
Date Ap Conditions
01 Sep 10 Quiet to unsettled
02 Sep 8 Quiet
03 Sep 8 Quiet

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band

Date Low Middle High
31 Aug Normal Normal-fair Fair
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
01 Sep Normal Normal Fair
02 Sep Normal Normal Fair
03 Sep Normal Normal Fair
COMMENT: Good HF conditions are expected over next few days.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
31 Aug 25

Observed Australian Regional MUFs:
Darwin: mostly enhanced 15-30%.
Townsville: near predicted monthly values.
Sydney: No data during local day, enhanced 15-30%
local night.
Hobart: near predicted monthly values.

Predicted Monthly T index for August: 9

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
01 Sep 15 near predicted monthly values
02 Sep 15 near predicted monthly values
03 Sep 15 near predicted monthly values

--
IPS Radio and Space Services | email: asfc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/asfc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
tel: +61 2 94148300 | fax: +61 2 94148331

2035. Re: Which is better CB or Ham radio?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3228CDE1.4D3C@ccsnet.com>
Source record: 217889

Mike Adams wrote:

> Isn't CB radio much better and cheaper?

It is cheaper but so is the character of the people.

```
#================#=====================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | The less you say, the more people will remember |
#================#=====================================================#
| k1oik@ccsnet.com |
#=========================================================================#
```

http://www.qrz.com/cgi-bin/qrz_gifs?k1oik.gif

2036. Re: Code debate

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <50adf6$au2@anomaly.ideamation.com>
Source record: 217890

In article <509vba$r48@news.ais.net>, <carl@ais.net> wrote:

[erects a straw-man about a CW test for engineering in his company,
and then knocks it down]

>Just as the CW test is not relevant to my company's employment criteria,
>it has become irrelevant as a requirement for a ham license.

In some respects, you are correct. A CW test has become irrelevant in
some aspects of amateur radio.

So, 5 years ago we eliminated the CW test for access to 99% of all
amateur spectrum. Spectrum which, I might add, is under constant
threat of reallocation and is where new technical innovation in the
amateur radio service will take place.

On the other hand, CW still remains a valid, relevant portion of
other parts of amateur radio. 48% of all amateurs with access to HF
use CW. CW consistantly is a popular mode used by foreign DX stations.
A goal of the amateur radio service is to promote international
goodwill; thus a code examination helps ensure that people will be able
to communicate with these foreign stations. US amateurs are somewhat
stuck up, and often forget that foreign hams are not always technically
on par with the equipment that is available here.

MD
--
--
-- "I have more guns than I need, and less guns than I want." -- Phil Graam
--
-- If you don't like my opinions, that's just too damn bad.

2037. Re: Burt talks to God.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <50a6f5$6m0@news.Hawaii.Edu>
Source record: 217891

Burt Fisher <k1oik@ccsnet.com> wrote:
>Frank Sved wrote:

>> You promote nothing, you sour.
>> You do not teach, you indoctrinate.

>Then tell me why just yeaterday one of my female students who would
>rather die than do something nice for a teacher have me a warm hug to
>thank me
>for how I changed her life?

She wanted a higher grade?

I fail to see how teaching her A/V skills "changed her life", unless you
taught her how to use her VCR.

Why don't you teach a more worthwhile subject that would benefit society?

Jeff KH2PZ

2038. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <50a75s$739@news.Hawaii.Edu>
Source record: 217892
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <509rro$r48@news.ais.net>, <carl@ais.net> wrote:
>I know that at times I get more than a bit emotional over the issue and
>that I tend to refer to the pro-code folks as the "CW olde fartz" but
>that's meant to be illustrative of the "long for the old days, resist
>progress" mentality that they espouse, not to imply that I think they're
>all morally degenerate, horrible people. I know may very nice CW olde
>fartz ... I actually like many of them in most respects ... I just
>disagree with their views on the code and the future of amateur radio.
>Carl - wa6vse
>carl@ais.net

Carl, why are you trying to bring the code debate over to .misc? Please
keep it on .policy (one of the reasons for .policy's existance). Just
because you're a tech with no HF privileges is no reason to use .misc
as your platform for espousing the elimination of the code tests.

Jeff KH2PZ

2039. Amateur Radio Awareness Day Program

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: Bill Gade <ve4wo@freenet.mb.ca>
Message-ID: <Pine.SOL.3.91.960831213151.26909B-100000@winnie.freenet.mb.ca>
Source record: 217893

Hello All...

I am currently producing a program to air on local cable access on Amateur Radio Awareness Day. I am looking for any hams interested in being interviewed via the Internet.

Hopefully we would be able to get voice segments from you using the Internet and something like Real Audio or True Speech. Please email me if anyone is interested...

Thanks...
Bill
VE4WO
SVRSS Media
ve4wo@freenet.mb.ca

2040. Validity of Statistical Evidence (was ARRL, etc.)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: zut@cais.com
Message-ID: <Pine.BSI.3.93.960831230021.4121A-100000@cais3.cais.com>
Source record: 217894
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

On 31 Aug 1996 carl@ais.net wrote:

> Surveys and statistics can be manipulated to one's own purposes so
> easily as to render them useless for much beyond generating "data" to
> support one's foregone conclusions.

How true!!!

A professional PhD level statistician I queried regarding the validity of certain published statistics recommended that I get a book that is considered a classic in professional statistical circles. Although it has a whimsical title, it does explain in detail how statistics can be manipulated to serve a particular purpose.

It is 'How to Lie With Statistics' by Darrell Huff, ISBN 0-393-09426-X, and is published by W.W. Norton & Company, 500 Fifth Avenue, New York, NY 10110 and 10 Coptic Street, London WC1A 1PU. My copy is copyright 1982, but that was its 44th printing, so especially since it's considered a classic work, I'm sure it's still available.

It's very good to have handy when somebody tries to make their point using statistics. This could be particularly useful between now and November 5!

73,
Tony Stalls, K4KYO

2041. COMPARE ARRL & RSGB SURVEY INTRO

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: zut@cais.com
Message-ID: <Pine.BSI.3.93.960831235233.21913A-100000@cais2.cais.com>
Source record: 217895
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

I'm sure you recall my posting what I considered to be serious faults in the ARRL's "WRC-99 Survey" that was mailed out to selected individuals and also appeared in QST's September 1996 issue. One of the most significant shortcomings I named was that the ARRL's questionnaire focused ONLY on the international HF Morse code requirement and that it totally ignored the other seven WRC-99 topics.

As you may know, the Radio Society of Great Britain (RSGB) also conducted a survey, but theirs focused on the ENTIRE proposed WRC-99 Amateur Radio agenda rather than just the S25.5 international Morse requirement. To give you an idea of how concerned they were about informing their membership, as compated to what the ARRL did, I have keyed in (by hand - please forgive errors) the complete text of BOTH introductions for your consideration. Decide for yourself which organization cares the most about informing and representing its membership and, based on the introduction alone, which probably conducted the most objective and impartial survey.

As you contemplate this question, keep in mind that about half of UK Amateurs are RSGB members while the ARRL has only about a 20% share of American hams. Think about why the ARRL can't seem to attract and keep more members.

All the ARRL Directors, Deputy Directors, and officers were recently furnished copies of the RSGB survey, so they are familiar with its content. Be sure and let your ARRL Director know how you feel, both about the two surveys, and while you're at it, why you think the ARRL has such a small share of the US Amateur population as members.

Tony Stalls, K4KYO
ARRL Life Member

****
ARRL "WRC-99 Survey" introduction as Quoted from QST, September 1996, pages 49 and 50.

We would like you to participate in a survey that will have important ramifications for the future of Amateur Radio.

The ARRL is developing positions on several issues that will arise at the 1999 World Radiocommunication Conference (WRC-99) of the International Telecommunication Union. The conference will review the international radio regulations pertaining to Amateur Radio. The international regulations provide the framework for the FCC regulations that govern us.

Decisions at WRC-99 will be made by government representatives who will be dealing with many issues, international Amateur regulations being only one

item. The United States position with respect to changing the international Amateur regulations will be heavily influenced by input from the ARRL. It is also important that Amateur Radio develop a worldwide position through the International Amateur Radio Union (IARU), so that governments throughout the world will hear a consistent message from their amateurs. The IARU position will reflect the views of its member-societies, including the ARRL.

To help in adopting positions on amateur issues to be covered at WRC-99, the ARRL Board of Directors has formed a WRC-99 Planning Committee. Determining the opinions of ARRL members and potential members on the most controversial issues is an important step in the committee's work.

A survey questionnaire is being sent to a random sample of ARRL members and other licensed radio amateurs. Any member who wishes to do so is welcome to respond to the same questionnaire, which is reproduced below. The responses from the random sample and the responses to this QST survey will be tabulated separately.

Please take a few moments to complete the questionnaire and return it to: ARRL WRC-99 Planning Committee, 225 Main Street, Newington, CT 06111. This is your opportunity to influence the positions that the ARRL will advocate to the US government and beyond. Thank you for your cooperation.

Tod Olson, K0TO
Chairman, ARRL WRC-99 Planning Committee
Director, ARRL Dakota Division

****

"RSGB Future of Amateur Radio Opinion Survey" introduction as quoted from the enclosure with the RSGB's official journal, RadCom.

THE ENCLOSED FORM is intended for you personally. Affiliated Societies should nominate one person to complete it on behalf, and indicate this in Q49. Family members, members of Affiliated Societies and non-members can input their views by requesting a form from: Survey Request, RSGB HQ, lambda House, Cranborne Road, Potters Bar, Herts EN6 3JE. Please do not just copy this form. Note that forms should be returned to Isis Research at the address at the bottom of this form, and not to RSGB HQ.

Although at first sight the issues may seem simple, they are very complex and require careful consideration. Your cooperation, therefore, in completing the survey form will be appreciated.

1. INTRODUCTION

THE INTERNATIONAL regulations affecting the Amateur Service are on the provisional agenda for the World Radio Conference in 1999 (WRC99). At WRC95, one or two administrations raised the necessity of Morse code being a mandatory requirement in Article S25 of the Radio Regulations. It was agreed that instead of considering just this one aspect, the wider issue

of the regulations applicable to the Amateur Service would be fully debated in four years time at WRC99. Although there has been much discussion about the Morse requirement over the last eighteen months it is now clear that this will only be one of many wider issues being considered.

IARU has formed a group to consider the future of the Amateur Service (Future of the Amateur Service Committee - FASC) to seek and co-ordinate input; it has already issued a discussion document to member societies. The main forum for debate will be at the next three IARU Regional Conferences: Region 1 in 1996, Region 3 in 1997, and Region 2 in 1998. The results of the discussions at each of these Regional conferences will be circulated to all Regions so that further inputs can be made. The Region 1 Conference will be this September, and it is essential that the Society representatives are aware of the views of amateurs in the UK.

The object of the survey is to obtain information dealing with three specific areas to help us make an input regarding the matters to be raised at WRC99 and their consequences for national licensing.

a) International Issues and the Content of the ITU Radio Regulations

The International issues relate to the definition of the Amateur Service and the Amateur Satellite Service and the regulations contained in Article S25 (reproduced below), which relate to the type of message allowed, third party traffic, emergency communications and the qualifications required to operate in the Amateur Services.

b) Matters Relevant to National Licensing

There are many licensing issues, from the RAE through the types of license to the privileges available, which have never been widely debated in the past. In this section we seek views on the classes of licenses available, the qualifications required to obtain them, technical and operating standards and their effect on band occupancy and EMC. Other areas include the examination structure and frequency of tests.

c) Personal Background Information

In order to help us assess views expressed on the two main areas mentioned above, we need a broad profile of those responding. This covers information about peoples' entry into amateur radio and their interests, such as bands, modes of operation and types of equipment used, and any specialist areas of interest, coupled with a personal profile, questioning professional qualifications, types of license held, etc.

2. BACKGROUND

WE ARE EXTREMELY concerned about the future of the Amateur Service. The spectrum currently allocated to the Amateur Service is under great pressure from other commercial interests, particularly above 30 MHz, due to the rapid expansion of consumer electronics.

In Europe particularly there is a rapid growth in the number of regulations and standards affecting commercial radio equipment, and unfortunately much of it is also affecting amateur operation, eg EC directives/standards, the possibility of type approval for amateur equipment, and other standards relating to the movement of equipment between countries. If amateur operation is restricted to equipment whose performance and facilities are defined in international standards, then technical experimentation will no longer be possible.

The Amateur Service

Currently, the amateur Service is unique in having many privileges: freedom from type approval, ability to use home constructed equipment, freedom to operate at any locations and use a wide variety of modes. One section of IARU (FASC) document is highly significant. It states (our highlighting):

It is of fundamental importance to administrations as well as to radio amateurs that the amateur service be limited to operators who are qualified both technically and operationally. Amateurs share the radio spectrum with a myriad of other radiocommunication services, and share their relatively narrow bands with one another. They must be qualified to assume the responsibility for the safe installation and proper operation of their stations. They must possess the ability to intercommunicate with one another, to ensure that their equipment will not cause harmful interference to other services in normal operation, and to resolve such interference whenever it may arise. They must understand the obligations that arise from the privilege of operating radio transmitters.

WE CANNOT OVER EMPHASISE THE IMPORTANCE OF THESE STATEMENTS

A high standard of technical knowledge, and interest in experimenting in radio communications, are essential to justify retaining our existing privileges. While there may be various classes of amateur license, and many specialist interests in different aspects of radiocommunications, the nature of their operation must justify the privileges used.

The Future of the Amateur Service can only be ensured if high standards of technical knowledge and operating are maintained, and its activities are not seen to compete with other commercial radio services. When looking at the future of the Amateur Service, therefore some issues wider than just Radio Regulations need consideration.

3. INTERNATIONAL ASPECTS

IN ORDER TO answer some of the questions it is important to understand the nature of the Radio Regulations and the definition of the Amateur Services.

The ITU Radio Regulations:

a) are an INTERNATIONAL TREATY between governments and should only deal with matters appropriate to that level.

b) must be acceptable to a majority of governments worldwide.

c) set the requirements that must be met by all administrations.

The decisions made at WRC99 will therefore have to reflect the views of amateurs worldwide, expressed via their administrations.

The Amateur Service is defined in Article S1.56 of the Radio Regulations as:

A radiocommunication service for the purpose of self-training, intercommunication and technical investigations carried out by amateurs, that is, by duly authorised persons interested in radio technique solely with a personal aim and without pecuniary interest.

This definition does not appear to be up for discussion but has not changed since the introductions of international Radio Regulations, and would appear to be entirely acceptable for the foreseeable future.

The Amateur Satellite Service is defined in Article S1.57 of the Radio Regulations as:

A radiocommunication service using space stations on earth satellites for the same purposes as those of the amateur service.

Article S25 of the ITU Regulations relates to the Amateur Service and the Amateur Satellite Serviced and is reproduced as follows:

SECTION 1. AMATEUR SERVICE

S25.1 #1. Radiocommunications between amateur stations of different countries shall be forbidden if the administration of one of the countries concerned has notified that it objects to such radiocommunications.

S25.2 #2 (1) When transmissions between amateur stations of different countries are permitted, they shall be made in plain language and shall be limited to messages of a technical nature relating to tests and to remarks of a personal character for which, by reason of their unimportance, recourse to the public telecommunications service is not justified.

S25.3 (2) It is absolutely forbidden for amateur stations to be used for transmitting international communications on behalf of third parties.

S25.4 (3) The preceding provisions may be modified by special arrangements between the administrations of the countries concerned.

S25.5 #3. (1) Any person seeking a license to operate the apparatus of an amateur station shall prove that he is able to send correctly by hand and to receive correctly by ear texts in Morse code signals. The administrations concerned may, however, waive this requirement in the case of stations making use exclusively of frequencies above 30 MHz.

S25.6 (2) Administrations shall take such measures as they judge necessary to verify the operational and technical qualifications of any person wishing to operate the apparatus of an amateur station.

S25.7 #4 The maximum power of amateur stations shall be fixed by the administrations concerned, having regard to the technical qualifications

of the operators and to the conditions under which these stations are to operate.

S25.8 #5 (1) All the general rules to the Constitution, the Convention and of these Regulations shall apply to amateur stations. In particular, the emitted frequency shall be as stable and as free from spurious emissions as the state of technical development for such stations permits.

S25.9 (2) During the course of their transmissions, amateur stations shall transmit their callsign at short intervals.

SECTION 2. AMATEUR SATELLITE SERVICE

S25.10 S6. The provisions of Section I of this Article shall apply equally, as appropriate, to the amateur-satellite service.

S25.11 S7. Space stations in the amateur-satellite service operating in bands shared with other services shall be fitted with appropriate devices for controlling emissions in the event that harmful interference is reported in accordance with the procedure laid down in Article S15. Administrations authorising such space stations shall inform the Bureau and shall ensure that sufficient earth command stations are established before launch to guarantee that any harmful interference which might be reported can be terminated by the authorising administration (see No. 22.1).

****
<END>

2042. Re: Looking for a mailorder outfit to purchase a handheld scanner

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: dpm3@seanet.com
Message-ID: <dpm3.1228.0009DDE8@seanet.com>
Source record: 217896
Cross-posted to: alt.radio.scanner,rec.radio.scanner,alt.radio.pirate,rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.policy

In article greg@tgill.com writes:

>Douglas Alexander wrote:
>>
>> Looking for a good mailorder firm to purchase a handheld scanner from:
>>

>http://www.demon.co.uk/javiation/

I will second that recommendation. Jonathon gives honest, reliable, QUICK
service and is absolutley trustworthy. Don't worry about ordering from
overseas. I am highly satisfied.

==========
"I distrust a close-mouthed man. He generally picks the wrong time
to talk and says the wrong things. Talking is something you can't do
judiciously unless you keep in practice"
- Casper Gutman, The Maltese Falcon
========== This .sig exceeds Plate "C" specifications ==========

2043. Re: Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: timhynde <timhynde@ix.netcom.com>
Message-ID: <3228FCB6.2E5D@ix.netcom.com>
Source record: 217897

Drew Durigan wrote:
>
> Who do I hear on HF?
--snip-- (more of OLDE FAHRTZ stuff)

> 4) OLDE FAHRTZ spending endless hours arguing with each other, causing
> malicious interference to each other, and using language that makes CB
> look like a Sunday School picnic. Is it CB Channel 19? Why no, it's the
> 75-meter ham band!
>
> Is it any wonder that the bands are under attack by commercial interests?
>
> -Drew in Sunny Central Florida-
> KF4DDM

Hi Drew:
Could you name one commercial loss of the HF bands?
Can you name one commercial organization petitioning for HF bandwidth?
Your argument may have some merit, unfortunatly you picked the wrong
band as an example. If anything we have gained more HF frequencys
(WARC).
Also, your tuned to the wrong frequencys. Try increasing your code speed
and
check in to some QRP frequencys. Lots of fun people to QSO with, mostly
revolving
around things they have built etc.

73,
Tim, ka8ddz

2044. Re: Validity of Statistical Evidence (was ARRL, etc.)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: AC6V <AC6V@ix.netcom.com>
Message-ID: <3229280A.48F2@ix.netcom.com>
Source record: 217898
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

zut@cais.com wrote:
>
> On 31 Aug 1996 carl@ais.net wrote:
>
> > Surveys and statistics can be manipulated to one's own purposes so
> > easily as to render them useless for much beyond generating "data" to
> > support one's foregone conclusions.
>
> How true!!!
>
> A professional PhD level statistician I queried regarding the validity of
> certain published statistics recommended that I get a book that is
> considered a classic in professional statistical circles. Although it has
> a whimsical title, it does explain in detail how statistics can be
> manipulated to serve a particular purpose.
>
> It is 'How to Lie With Statistics' by Darrell Huff, ISBN 0-393-09426-X,
> and is published by W.W. Norton & Company, 500 Fifth Avenue, New York, NY
> 10110 and 10 Coptic Street, London WC1A 1PU. My copy is copyright 1982,
> but that was its 44th printing, so especially since it's considered a
> classic work, I'm sure it's still available.
>
> It's very good to have handy when somebody tries to make their point using
> statistics. This could be particularly useful between now and November 5!
>
> 73,
> Tony Stalls, K4KYO

Hi Tony,
Reminds me of an ancient one.
Statistics show that 3 out of 10 accidents are caused by drunk drivers,
therefore 7 out of 10 accidents are caused by sober drivers,
so we ought to get the durn sober drivers off the road!
Hic

Rod in San Diego
--
Hark for I have hurled my words to the far reaches of the earth!
What King of old could do thus??
..... AC6V

2045. Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: amcleod@anjo.com
Message-ID: <414.1397.37@anjo.com>
Source record: 217899

RE: Who Do You Hear on HF?
BY: Drew Durigan to ALL on Sat Aug 31 1996 13:04:56

> Who do I hear on HF?
>
> 1) OLDE FAHRTZ...
> 2) OLDE FAHRTZ...
> 3) OLDE FAHRTZ...
> 4) OLDE FAHRTZ...
>
> Is it any wonder that the bands are under attack by commercial interests?

You forgot: AGELESS MACHINEZ sending gigabits of obsolete data, packet by packet, 17,890 times each if need be, on frequencies clearly band-planned for other purposes, so that other AGELESS MACHINEZ will have complete copies of obsolete bulletins that no human bothered to read even when the data was new.

-=-=-=-= The ANJO BBS, Barbados =-
amcleod@anjo.com <Angus John Mcleod>
Synchronet BBS for OS/2 v2.30 Beta and NetXpress for Synchronet v1.53

2046. JNOS, looking for ..

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: mcury@embratel.net.br
Message-ID: <50a414$oqv@rjo02.embratel.net.br>
Source record: 217900

```
Hello !
I am looking for JNOS system.
Where can I get a copy ?
Thanks in advance.

Marcelo Cury - mcury@embratel.net.br
PY1TTO@PY1CYL.RJ.BRA.SA
```

2047. Re: Away a while... got a packet question.

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: ka1jy@zipnet.net
Message-ID: <322788e4.18556801@news.zipnet.net>
Source record: 217998

On Thu, 29 Aug 1996 06:03:44 -0400, Burt Fisher <k1oik@ccsnet.com> wrote:

>Ryan Tourge wrote:
>> I have not been radioactive for awhile, and was wondering what baud rates
>> are packet TNC's using now?
>This is ham radio. Nothing changed.
gotta agree with Burt on this one. It's dead in the water.

2048. Re: Modern digital versus SSB and Morse (was Re: Commercial CW use)

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: Tovar <tvr@alive.com>
Message-ID: <3227C227.2781@alive.com>
Source record: 217999
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

Kent Farnsworth wrote:
>
> Gary:
>
> I have to agree with you wholeheartedly, in your discussion!
>
> I currently have a prototype SSB radio modem operating at 115kb. It
> blasts data. It doesn't support voice, though.
>
> Kent

Details, please! How about a WWW describing what you're doing, and
how things are proceeding.

-- KD6PAG (networking old-timer, RF newbie)

2049. FS: Uniden 900 Tk HT, Johnson Mobile, Yaesu FT40

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: eplatt@wco.com
Message-ID: <3227c4fd.15419514@news.wco.com>
Source record: 218000
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

Must Sell ASAP: (No reasonable offer refused):
(3) Uniden FPS910TS 900 trunked HT. 9 System, 9 group 'brick' radio (rather large, a tiny bit more than the BC1/200 HT). Comes with 2 brand new batteries, 2 older batteries, 3 rapid chargers (not available anymore, hard to come by!!!) and 1 vinyl holster (no belt loop, just more for shipping/travel. $175/ each, Invested much more into it. 2 currently programmed for TAC use.

(1) Johnson 9 channel 40?? (maybe 60) watt mobile. VHF. Was from Florida Sherriff or police which went to 800. Programmable by computer from Johnson Dealer. Must use external speaker (I can dig one out, standard 3.5mm plug), hand mike, and power cord included. GREAT radio. Scans, PL, everything. $250/bo.

(1)Yaesu FT40, 99 Channel radio. Includes tx/rx mod, tx and receives from 430 -484.This unit is LITERALLY the size of a pack of smokes, maybe a TINY bit deeper, but the same height and width. (Just add an antenna.) Does 99 channels PL _AND_ DPL, Keypad programmable, dual VFO, Dual watch, digital voice (record up to 20 seconds from the radio or by mike and either play back through speaker OR back on the air! Record you call and never say it again! Searches PL & DPL (yep, don't know the PL? Just hit a key, and it tells you! (I Can't find this in the manual, I think it;s a hidden trick.) (PLEASE don't ask how to do it, I was overrun by more questions on how to do it than offers to buy..)Comes with low power battery pack, charger, manual, and box. Barely used. Would prefer Bay Area (California) but will ship. $280/BO.

All prices plus shipping + COD. I am NOT a company, just a collector of stuff I no longer need. <GRIN>

ALL PRICES NEGOT.! I need to sell, so give me an offer!

eplatt@wco.com, or call me anytime at 415-939-1037.

Evan

==========
Evan Platt - Emergency Services Photographer - First on the scene
Communications Department, IncidentNet Emergency Notifications
eplatt@wco.com / National ID: (Net/3501)
Cellular: 415-939-1037 / Alpha Pager: 415-915-6292 / Fax: 415-856-1803
Standard Disclaimer
http://www.wco.com/~eplatt/incidentnet.html

2050. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: Cliff-s <Cliff-s@worldnet.att.net>
Message-ID: <01bb96f2$53f2e560$d3a5eea5@Pop3.worldnet.att.net>
Source record: 218001
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

>
> However, I think the FCC standards intend to address all safety issues,
> not just cancer. On that basis the standards are not unreasonable.
>
>
>
> 73, Ron KA1KCU
>
Ron:
I do think the the FCC in their naive ways are trying to
address the
issue, unfortunately popular rhetoric got in the way. Laws must be made on
scientific facts not to calm the fears of the day. I noted the comments
of the various consultants. Hemmet & Edison the premier Communications
Engineering firm called the regulations caprious and arbitrary and with
little scientific fact. If the consensus is to abide with IEEE 95.1-1992
then
everyone should abide, not PCS is exempted by congressional act or
wireless industries by lobbying or Wayne Overbeck by being a self appointed
expert.
Cliff, W7VVA

2051. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: armond@delphi.com
Message-ID: <5hPRig4.armond@delphi.com>
Source record: 218002

We like CW. It's fun to see the whiners squeal. If that was the only purpose it served it would be worth it.

2052. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-08-31 00:00:00 UTC
From: armond@delphi.com
Message-ID: <xHIwq01.armond@delphi.com>
Source record: 218003

Gary Hosler <grhosler1@mmm.com> writes:

>>I know that ... that's what I'm asying is wrong, since ARRL members are
>>only a modest minority of hams.

ARRL members are an overwhelming majority of active amateurs. Those who once held licenses, no longer active, will never be active, are the vast majority of the callbook amateurs.

2053. Re: Mars MOD for FT50-r

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <50apfn$l3b@lehi.kuentos.guam.net>
Source record: 217754

John Nelson <johnn@pacifier.com> wrote:

>Jim Kehler wrote:
>>
>> kplumb@aol.com (KPlumb) wrote:
>>
>> >Im looking for mars mod for ft50-r. Please post.
>> >73"s
>> >Kevin Plumb N2WFS
>> >kplumb@aol.com
>>
>> Cut diode D16 on the main board.

>Do NOT do this! This dickhead is, as it typical for him, just spewing
>noise. Unfortunately, in this case, taking his noise seriously can have
>expensive consequences for the uninformed.

>It is a sad state of affairs when cretins such as this have to resort to
>vandalism to elevate their egos above their sorry natural resting place.

Well, Johnny, if you wanna be a Jr. G. Man, you gotta pay the price.
Besides, it's about time some of these diode chopping good buddies
figure out where the equipment newsgroup is. If this guy was interested
in MARS, all he has to do is fax his MARS license to the manufacturer
of the radio, and he can get all the MODS he wants. Problem is, he
is more interested in ambulance chasing than he is traffic handling,
that's how he wound up here.

Hafa Adai,
Jim KH2D

2054. *** Interactive Ham Radio Crossword Puzzle A WWW First***

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-0109960618270001@host11.cyberg8t.com>
Source record: 217755

New to the web "Ham Radio Crossword Puzzles". Just link to
http://www.sarrio.com and follow the links to the 1st ever interactive
crossword puzzle for ham radio operators.

The only catch: You must have a Java capable browser to view the
interactive puzzle. Netscape 3.0 and Micrsoft Explorer 3.0 are both Java
Capable.

I am also looking for hams interested in adding their words and clues to
future puzzle. I looking for puzzles written with questions for the
various license class test. These puzzle are a great way to test your
knowledge of the theory before you take the test.

The correct method for writting these crossword clues and word answers is
explained on the Crossword Puzzle page. Check it out and let me know what
how you like it. 73's Ray
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront and web site developer. Located at http://www.sarrio.com.

In association with Brillar Enterprises http://win-win.com/brillar provider of discount CD-Roms!

2055. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: carl@ais.net
Message-ID: <50apv3$cm1@news.ais.net>
Source record: 217756
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <32288A8D.4514@voicenet.com>, agray@voicenet.com writes:
>carl@ais.net wrote:
>>
>> We also need LOTS more hams to boost the users/MHz number significantly.
>> That'll both push us to use our spectrum more efficiently, it'll look a
>> LOT better to the FCC in terms of justifying the size of our
>> allocations.
>>
>> Public interest value ~= (Users_per_MHz)*(Value_of_user_activity)
>>
>> Right now I'm afraid we'd rate pretty low ...
>>
>> Carl - wa6vse
>> crl@ais.net
>
>Carl-
>
>Just out of curiosity, would you care to assign a number to that "lots"?
>It seems reasonable to ask what you mean by the term when you ask others
>to accept it as part of your argument.
>
>Alan, W3BV

Lots ... as in hundreds of thousands. Is that clear enough?

Carl - wa6vse
carl@ais.net

2056. ### Motorola AP50 - Looking for Mods

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: EdwinT@cyberway.com.sg
Message-ID: <3228e8be.244773@news.cyberway.com.sg>
Source record: 217757
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner

Does anyone have any mods for the Motorola AP50 (Standard/Compact).
Please email them to me at edwint@cyberway.com.sg
Thanks.

73 de 9V1ZY

--
EdwinT@cyberway.com.sg -[Standard Disclaimers Apply]-

Now Faith is a substance of things hoped for,
the evidence of things not seen. [Heb 11:1]

As Email can be altered electronically,
the integrity of this communication is not guaranteed.

2057. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: carl@ais.net
Message-ID: <50aqdh$cm1@news.ais.net>
Source record: 217758

In <50a1nn$i1h@jupiter.planet.net>, adell@planet.net (Steve - KF2TI) Landing, NJ writes:
>> carl@ais.net writes:
>
>> It was exactly my point that the reason DX tends to congregate in
>> the portions of the band (where most US hams can't go) is precicely to
>> avoid being stomped on by lids who passed a 13+wpm code test but can't
>> properly operate an HF station (either technically, vis a vis the
>> over-driven speech processors and linears that are not linear, or in
>> terms of basic operating courtesty and proper proceedures.)
>>
>> Carl - wa6vse
>> carl@ais.net
>
>i'd like to read some examples of this last statement, i personally find it to be
erroneous. Are you referring to 40
>meters, 80 meters??? 10 meters??? just where can't most hams operate???
>
The original comment referred to the extra sub-bands (and perhaps the
advanced sub-bands as well.

>actually i find that the dx tends to congregate in area's the US general class licensees
can't go, which I feel is a shame.
> The dx windows seem to allow more than enuf advanced and extra class US licensees access
to those stations
>operating "DX"

OK ...

>
>and working split has been around alot longer than the no code or "dumbed down" testing.
But then again, it
>seems that europe has more than it's share of non courteous operators as well. It has
nothing to do with non linear
>linears or poor operating habits persaye
>

Agreed ... if you thought I was saying the DX was avoiding no-coders,
you're wrong. Use your <page up> key and read my words again ... it's
the 13wpm or better lids they're avoiding.

Haing passed a CW test clearly does not guarantee that one can properly
operate an HF station, nor that one will operate it with a reasonable
degree of intelligence or common courtesy. Most of the no-coders I've
met are courteous operators who want to do things right. I'd rather
have them on HF than the lids around 14.3xx MHz ...

Carl - wa6vse
carl@ais.net

2058. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: carl@ais.net
Message-ID: <50ar1u$cm1@news.ais.net>
Source record: 217759
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <50a72k$alq@anomaly.ideamation.com>, kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:

>All these foreign hams decide to use the extra-class DX windows
>and operate CW to "escape" from poor "general" class operators? Did
>I get that straight?
>
To escape getting buried in the pileup, etc. is what I said.

>So, what you're saying is that the extra class license examinations
>(along with that 20wpm code test) somehow give us better operators on
>HF, is that it? (Must be, since all these foreign ops want to talk to
>them.)
>
No, that's not what I said ... they hang out there because there are
less US ops that can get on top of them there ... not because they'll
only work extras.

>Oh, and maybe you can tell me: how much "foreign dx" (foreign-to-non-US
>contacts) is in that lower 25kc? Just so I know, because I wouldn't want
>to make a statement like "funny, most of the dx I hear in the lower 25kc
>seems to be foreign ops contacting US ops".
>
Yes, they'll work US ops ... they're not rude ... but they avoid getting
buried by staying away from the areas where US ops can pile up on top of
them.

I really believe you know this and that you're just trying to blow
smoke, so I'm becoming less and less inclined to "debate" with you ...
it's clear that nobody will ever change your mind and I've got better
things to do ... like carry on discussions with people who at least
debate the issue in good faith ... even if we disagree.

Carl - wa6vse
carl@ais.net

2059. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: carl@ais.net
Message-ID: <50ara3$cm1@news.ais.net>
Source record: 217760
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <50a77u$ami@anomaly.ideamation.com>, kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:
>In article <509th0$r48@news.ais.net>, <carl@ais.net> wrote:
>
>>>Someone with enough brains to handle the administrative chore yet doesn't
>>>have any specialty knowledge that means you have to pay them more than
>>>minimum wage. This is why we don't see very many MDs scooping ice cream
>>>at the local snack shop. ^^^^^
>>>
>>>MD
>>^^^^^
>>
>>Let me get this straight now ... you can't even get a job scooping ice
>>cream at the local snack shop because you don't have enough brains to
>>handle the administrative chores? Is that what you said?
>
>No, you don't see many highly-talented people (such as MDs) scooping
>ice cream because you can pay some moron $4.15 (or whatever minimum
>wage is these days) to accomplish the same thing.
>
>
>>Please READ the posts here and if you diassagree with what was truly
>>said, reply, but also please engage brain before engaging mouth or
>>you'll be dissagreeing with something that wasn't said.
>
>Funny, it would seem that you need to take your own advise.
>
>MD
>
Funny ... you don't even read things carefully enough to
realize that I said YOU were too stupid to scoop ice cream.

I don't really believe you actually are (quite) that stupid ... I just
wanted to see if you read carefully enough to catch it ... guess not.

Carl - wa6vse
carl@ais.net

2060. Re: rsgb g0tww:Stop the knocking

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: carl@ais.net
Message-ID: <50aud1$cm1@news.ais.net>
Source record: 217761
Cross-posted to: uk.radio.amateur,rec.radio.amateur.policy,rec.radio.amateur.misc

In <01bb9773$b93349c0$3e8eb0c2@kraftee.proweb>, "Brian {G7SMQ}" <kraftee@proweb.co.uk> writes:
>these questions I MUST ask:-
>
>1)Is the RSGB mainly interested in making a good profit, indeed any profit
>& if so when are you going to start worrying about the ongoing drop of
>members?
>

Sounds a LOT like the ARRL ... and I thought we US hams were the only ones with a "National Spokes-Organization" that's really a front for a business empire whose primary purpose is to keep the "leadership" from having to get REAL jobs ...

>2)Isn't the RSGB supposed to be for the furtherance of amateur radio in the
>UK not the furtherance of some clique of supposed professionals?
>

Same response as above ....

Carl - wa6vse
carl@ais.net

2061. Re: Help /Butternut Beam

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: mravitz@ix.netcom.com
Message-ID: <50b1vb$pmn@dfw-ixnews8.ix.netcom.com>
Source record: 217762

Dennis Spiess <dspiess@mail.idt.net> wrote:

>Can anyone give me any input on the Butternut HF5B Beam?
>Experience, do u own one , how do they work...
>I have a very small yard and wish to get something better than me
>verticle that is ground mounted... Have access to a 30+ ft tower to put
>this on but no space for a full sized tri-bander or quad.

>Thanks
>Den
>WA2JHN
>Clifton. NJ

Hi Dennis,

Not only did I use a Butternut HF5B, but I used it in Clifton NJ!

I chose this beam because of its small turning radius too and used it on a very old TV rotator (CDR AR22).

I loved the gain and the front to back ratio compared to a verticle that I had on the same lot (in the Montclair Heights section just off of the Route 46/3 merge).

Get it at least a 1/2 wavelength off of the ground and you will do fine.

Basically if I could hear the signal, I could work it, with some patience.

Mitch Ravitz
WA1DTX

2062. Re: ### Motorola AP50 - Looking for Mods

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: johnmxl@netins.net
Message-ID: <50b4lg$s0n@insosf1.netins.net>
Source record: 217763
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner

Hi Edwin...

Haven't been to IRC #hamradio for a while...how are you?

What is an AP-50? Is it a Motorola ham rig?

John KD6MXL
johnmxl@netins.net

EdwinT@cyberway.com.sg (Edwin Teh, 9V1ZY) wrote:

>Does anyone have any mods for the Motorola AP50 (Standard/Compact).
>Please email them to me at edwint@cyberway.com.sg
>Thanks.

>73 de 9V1ZY

>--
>EdwinT@cyberway.com.sg -[Standard Disclaimers Apply]-

> Now Faith is a substance of things hoped for,
> the evidence of things not seen. [Heb 11:1]

> As Email can be altered electronically,
> the integrity of this communication is not guaranteed.

2063. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <50b3u1$he@anomaly.ideamation.com>
Source record: 217764
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <50ara3$cm1@news.ais.net>, <carl@ais.net> wrote:

>I don't really believe you actually are (quite) that stupid ... I just
>wanted to see if you read carefully enough to catch it ... guess not.

More like I purposely avoided your lame attempt to flame me.

So much for those "kindler, gentler" words you were professing earlier,
huh? Back to the old ad hominem attacks are we?

MD
--
--
-- "I have more guns than I need, and less guns than I want." -- Phil Graam
--
-- If you don't like my opinions, that's just too damn bad.

2064. Re: Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <50b6va$mmv@lehi.kuentos.guam.net>
Source record: 217765

timhynde <timhynde@ix.netcom.com> wrote:

>Hi Drew:
>Could you name one commercial loss of the HF bands?
>Can you name one commercial organization petitioning for HF bandwidth?
>Your argument may have some merit, unfortunatly you picked the wrong
>band as an example. If anything we have gained more HF frequencys
>(WARC).
>Also, your tuned to the wrong frequencys. Try increasing your code speed
>and
>check in to some QRP frequencys. Lots of fun people to QSO with, mostly
>revolving
>around things they have built etc.

>73,
>Tim, ka8ddz

Tim,
Apparently you don't know Spew. Let me introduce him to you. The fact
that he can spell 'HF' amazes most of us. Asking him to explain things about
it is over his head. He can't 'tune in' to the QRP frequencies, as he doesn't
have a radio. (He hears voices in his head, so I guess he doesn't need one).
He can't increase his code speed, as he has no code speed to increase.
Trying to explain to him how he could enjoy ham radio is useless. He doesn't
want to enjoy ham radio - he only wants to troll on internet.

73, Jim KH2D

2065. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <50b8e6$mtr@lehi.kuentos.guam.net>
Source record: 217766
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

kd1hz@anomaly.ideamation.com (Michael P. Deignan) wrote:

>In article <509rro$r48@news.ais.net>, <carl@ais.net> wrote:

>>It IS very interesting to see how the "keep the code" folks resort to
>>personal attacks and attacks on one's character when one disagrees with
>>them.

>Funny, but I seem to recall a post to just the reverse only a few weeks
>ago.

I seem to recall two more about five minutes ago.

>>I know that at times I get more than a bit emotional over the issue and
>>that I tend to refer to the pro-code folks as the "CW olde fartz" but

>So, using the term "CW olde fartz" is okay, but using the term "no-clue"
>to refer to codeless techs is not okay?

We should be more in tune, Mike, this is the 90's. People aren't poor
any more, they are 'financially challanged'. We need to think of something
to call these guys that is more hip. 'No-Clue' techs, the 'Nintendo-Nose Candy
Generation', things like that upset them.

How's about we have a 'Name The No Coders Contest' ? We'll even let THEM
help pick a name for themselves, afterall, they do so good with names they use
on internet, why shouldn't they help us come up with something they like ?
Cookie Monster where are you ?

I think we should call them the 'RF VIRGINS'. Or maybe we should call them
'MODE CHALLENGED AMATEURS'. What do you think ?

Hafa Adai,
Jim KH2D

2066. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: armond@delphi.com
Message-ID: <RZPwCrA.armond@delphi.com>
Source record: 217767

<carl@ais.net> writes:

>Perhaps a more accurate assessment could be obtained by mailing a ballot
>on the issue to EVERY licensed US ham, with the reqirement that it be
>executed and returned or the license would be revoked? This would serve

You must have been very sad on the day that the USSR collapsed.

>increasingly senile old-timers whose primary interest is in protecting

Judging from your remarks on this forum, there are probably many who hope you
don't get to be a senile old-timer.

2067. ** New England Ham - Electronic Fleamarket Dates **September** Update

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: w1gsl@athena.mit.edu
Message-ID: <50bbkm$qt6@senator-bedfellow.MIT.EDU>
Source record: 217768
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.info,sci.electronics.misc,sci.electronics.equipment,ne.forsale

```
New England Area Ham - Electronic Flea Market *** DATES *** 1996 P 1 of 2
All events are Ham Radio/ Electronic related except ~_____~
*******************************************************************************
1996 Contact Source
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
4-7 Sept Rochester NY Antique WA Conf @Thwy Marriott Joyce 607 739 5443

7 Sept Falmouth MA FARA auction s@8 b@10 @MethodistCh Jo N1LNE 508 548 1121

7 Sept Windsor ME AARA @Fairground Frank N1ITR 207 623 9217

8 Sept S Dartmouth MA SE MassARA @club $2@9 $10/S Bill K1IBR 508 996 2969 F

Brewster NY Pearlfest **CANCELLED THIS YEAR** Shirly N2SKP 914 736 3558

14 Sept Ballston Spa NY SCRACES 7A $4-5 Ti147.84- Lenny N2KKP 518 885 4933

14 Sept Pawcatuck CT SCWS Auction @9 @NeighCtr Bill KA1ZZR 401 596 5849 +

15 Sept Cambridge MA FLEA at MIT Nick 617 253 3776 F
3rd Sunday Each Month April thru October +
***** Back in our traditional Garage location ... covered tailgate +
space is again available for everyone !!!! **** +

15 Sept Newtown CT CARA @Town Hall rt6 $4@9 $10/T@7 John N2DVX 203 438 6782 F

21 Sept Forestdale RI RIFMRS @VFW rt146 8A flea+auct Rick K1KYI 401 725 7595

21 Sept Randolph Ctr VT CVARC @TechCol I89x4 $4@8 Tom WA1YNU 802 244 7836 F

21 Sept Lincoln ME Bagley ARC @Ella Burr school Don N1JNK 207 723 4205 A

21 Sept Gloucester MA CAARA @6 Stanwood s$15/t@10 b$0 Rick WZ1B 508 281 5641 +

29 Sept Yonkers NY Metro70 @Lincoln HS $25/T@7 $6@9 Otto WB2SLQ 914 969 1053 F

29 Sept Framingham MA @ HS $14@8 $10tg $3@9 Martin AA1ON 508 435 0564 F

4,5 Oct Rochester NH Hoss Traders @FG x13 rt16 $20@9A $5@3PM fri Joe K1RQG

5,6 Oct Boxboro MA ARRL NE DivConv $7B+$9/S/Day Anthnoy WA1MWN 617 334 5770 F

6 Oct Woodbury NY LIMARC $15/s@7:30 $6@9 Mark NK2T 516 796 2366 +

13 Oct Durham CT NUTMEG CT Conv @FG $5@9 $10/tg@4pSat Kit N1MCC 860 873 2798 F

13 Oct Queens NY @HallofScience 47-01 111st $5@9 Arnie WB2YXB 718 343 0172 A

20 Oct Cambridge MA FLEA at MIT Nick 617 253 3776 F
```

20 Oct Melville LI NY RCARC n2mdq@li.net Steve N2MDQ 516-584-5909 A

26 Oct Plymouth MA Mayflower RC @Mem Hall 9-3 sell@8 Jon WS1K 508 746-0162

26 Oct Nashua NH NE Antique RC $5@8 $1@9 @ Res Ctr Church 617 923 2665

26.27 Oct Waltham MA Photographica 10-5 $5 ~photo~ (bef 9PM) Ed 617 965 0807

27 Oct Southwick MA HCRA @RecCtr $15/T $9tg $3@9 Barry N1IJK 413 747 7010 F
~~~~~~
LAST UPDATE 8-27-96 de W1GSL P 1 of 2
****
Additions/ Corrections via Internet w1gsl@mit.edu
SASE for updated copy. TCPIP w1gsl@gw.w1mx.ampr.org
AX.25 w1gsl@wa1phy.#ema.ma.usa
(c)1996 W1GSL US Mail W1GSL POB 397082 MIT Br Cambridge MA 02139
P 2 of 2
~~~~~~
1996 Contact Source
~~~~~~
17 Nov Poughkeepsie NY Mt B ARC @Arl HS s@6 b@8 Ken KL7JCQ 914 485 9617 +

30 Nov Newton MA WARA/1200RC Auction @Masonic $2@11 Eliot W1MJ 508 664 0773 +
~~~~~~
1997 Contact Source
~~~~~~
18 Jan Nashua NH NE Antique RC $5@8 $1@9 @ Res Ctr Church 617 923 2665

19 Jan Yonkers NY Metro70 Otto WB2SLQ 914 969 1053 A

5,6 April Baltimore MD Hamboree @Timonium 8A- 800 HAM FEST A

13 April Southington CT SARA @HS $15/T@6:30 $3@9 Chet KA1ILH 860 628 9346

19 April Nashua NH NE Antique RC $5@8 $1@9 @ Res Ctr Church 617 923 2665

20 April Flea at MIT Nick 617 253 3776 F
Third Sunday -- April thru October

4 May Yonkers NY Metro70 Otto WB2SLQ 914 969 1053 A

18 May Flea at MIT Nick 617 253 3776 F

30 May - 1 June Rochester NY ARRL Atlantic Conv Harold K2HC 716 424 7184 A

15 June Flea at MIT Nick 617 253 3776 F

19 July Nashua NH NE Antique RC $5@8 $1@9 @ Res Ctr Church 617 923 2665

20 July Flea at MIT Nick 617 253 3776 F

17 Aug Flea at MIT Nick 617 253 3776 F

21 Sept Flea at MIT Nick 617 253 3776 F

28 Sept Yonkers NY Metro70 Otto WB2SLQ 914 969 1053 A
~~~~~~

19 Oct Flea at MIT Nick 617 253 3776 F

25 Oct Nashua NH NE Antique RC $5@8 $1@9 @ Res Ctr Church 617 923 2665
~~~~~~
LAST UPDATE 8-27-96 de W1GSL P 2 of 2
Source F= Flyer T= tentative early info + = new info this month
A= ARRL V= VE list D= W1DL WR NV 73 CQ QST = Mags
This list has been compiled from many sources. While we believe the info to
be accurate the author can not be responsible for changes or errors.
Check with the sponsoring organizations for more details. This list will be
posted monthly to USENET. Mailed copies are sent when additions are made.
****
Additions/ Corrections via Internet w1gsl@mit.edu
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SASE for updated copy as issued.
~~~~~~

2068. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: n8fow@wireless.org
Message-ID: <50bbhc$2v0@cwis-20.wayne.edu>
Source record: 217769

Steve - KF2TI (adell@planet.netLanding) wrote:
: > carl@ais.net writes:
:
: > It was exactly my point that the reason DX tends to congregate in
: > the portions of the band (where most US hams can't go) is precicely to
: > avoid being stomped on by lids who passed a 13+wpm code test but can't
: > properly operate an HF station (either technically, vis a vis the
: > over-driven speech processors and linears that are not linear, or in
: > terms of basic operating courtesty and proper proceedures.)
:
: i'd like to read some examples of this last statement, i personally find it to be erroneous. Are you referring to 40
: meters, 80 meters??? 10 meters??? just where can't most hams operate???
:
: actually i find that the dx tends to congregate in area's the US general class licensees can't go, which I feel is a shame.
: The dx windows seem to allow more than enuf advanced and extra class US licensees access to those stations
: operating "DX"

Look at the band plans between Regions 1, 2 and 3 and you'll see why
they don't operate where General class licensees operate, because they
can't operate there. The amateur bands in the various regions are different
from each other and don't entirely overlap. What is a voice section in
one ham band in Region 2 might be a commercial broadcast band in another
region. A voice band in Region 1 might be a CW only band in Region 2.
Usually the Extra class portions overlap the same modes/bands as the
other regions do. The DX stations aren't trying to avoid people, they
just can't operate in the same band plans as we do.

Ron

2069. RSGB and other groups

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: joe@vantage.demon.co.uk
Message-ID: <841566925.10788.0@vantage.demon.co.uk>
Source record: 217770
Cross-posted to: uk.radio.amateur,rec.radio.amateur.policy,rec.radio.amateur.misc

"Brian {G7SMQ}" <kraftee@proweb.co.uk> wrote:

Hi,

I let my RSGB membership lapse some time ago; the reason was that I felt that although the RSGB did a reasonable job at negotiating license changes, that was about all I got out of it. I'm a techie more than a contester, live in a small suburban shoebox and thus don't have room for massive aerials to work the DX; I just found that the focus of the RSGB was different to what I needed. Yes, I did try to get involved but found it was too much like local politics!<g> Also, when you're running your own business and also involved with local community groups, time's important and there's no way that I could have spent time tooting off to London for Council meetings, etc. even if I'd got that far.

So, way forward. The RSGB meets the needs of some members, but not all. In this day of empowered groups, won't the RA, IARU, etc. speak to other properly constituted societies who, say, have a membership of more than10 or 20% of the RSGB membership? OK, life would get interesting and the views of different groups would have to be taken on board, but that approach would allow a wider view of amateur radio affairs to be put to the powers that be than currently happens.

I'm now going to put on my flameproof underwear and retire to the bunke....<g>

There's only one decision to make;
get busy living or get busy dying.

Andy Dufresne, The Shawshank redemption.

2070. Re: ARRL WRC-99 Survey

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep1.065420.18902@ke4zv.atl.ga.us>
Source record: 217771

In article <JVCSKYU.armond@delphi.com> armond@delphi.com writes:
>Dave Finley <dfinley@newshost.aoc.nrao.edu> writes:
>
>>include amateurs who are not ARRL members. Though ARRL members
>>constitute only about one-fourth of licensed amateurs, the ARRL
>
>You say ARRL represents only 1/4 of licensed amateurs. Actually, at least half,
>maybe more, of the "licensed hams" possess no equipment and are not on the air.
>They (pardon the cliche) couldn't care less. Of the hams who are active, on the
>air, mult-band and multi-mode, I would say that the overwhelming vast majority
>are ARRL members.

What basis do you have for that claim?

I took a quick informal survey of some of the regulars on my repeater. Out of 15 active amateurs queried, only one other than myself was an ARRL member, though several are TAPR or AMSAT members. All but one of these amateurs are multi-band and multi-mode capable. Now that isn't a scientific sample to be sure, but it does indicate that there is some doubt about your claim.

Another indicator is comparing the number of ARRL affiliated clubs to the total number of radio clubs. To become an ARRL affiliated club, 50% of the membership must be ARRL members. Only a minority of radio clubs are ARRL affiliated. Since there are benefits to being ARRL affiliated, it is logical to assume that most eligible clubs would do so if they met the qualification. (And club members aren't generally inactive or deceased.)

Try this yourself. Ask all your stateside contacts if they are ARRL members and keep a tally. Unless you operate CW exclusively, I think you won't find a vast majority who are ARRL members. (CW operators are disproportionately ARRL members as evidenced by the ARRL's own surveys which show that ARRL members are 16% more likely to operate CW (at least occasionally) than the general amateur population.) I suspect (but have no evidence) that more HF qualified amateurs are ARRL members than those who operate strictly VHF+ (that's because of the contests sponsored by the ARRL, which are mainly oriented to HF Dxers), but I doubt you'll find a majority of either HF or VHF+ amateurs are ARRL members. I haven't kept a formal tally of my recent HF contacts, but I have noted that many don't seem aware of topics recently raised in QST.

Certainly the number of outstanding licenses is inflated by deceased amateurs whose calls haven't yet been purged, and by amateurs who have become inactive. I don't think that

approaches 50%, however, and the ARRL membership roles are
also inflated by deceased and inactive members whose subscriptions
have not yet expired. I know that the ARRL is concerned that
the majority of newly licensed amateurs are not becoming
ARRL members, and has been taking aggressive steps to recruit
them. Over the last 5 years, we have witnessed an almost 33%
growth in the number of licensed amateurs, but ARRL membership
hasn't shown a proportionate growth.

It is unlikely that those who have taken the trouble
to become licensed are largely inactive. If my experience
is any guide, the newly licensed seem to be the most
aggressively active of all amateurs other than the rabid
contesters. (The newly licensed also have the highest
dropout rate, of course, as they become disillusioned by
what they hear on the bands, but I don't think that dropout
rate approaches 50% either. I base that on the growing
proportion of 2x3 calls I see on the air.)

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2071. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep1.083115.19319@ke4zv.atl.ga.us>
Source record: 217772
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <4vttom$1p1@anomaly.ideamation.com> kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:
> In article <4vthl1$8sa@jupiter.planet.net>,
> Bill Sohl <billsohl@planet.net> wrote:
>
>>Mere use of CW by some percent of hams no longer
>>constitutes a valid reason to mandateall hams on
>>HF must learn that mode.
>
>"The small percentage of hams who construct their own
>transmitting/receiving radios no longer constitutes a
>valid reason to mandate all hams on <insert mode here>
>must be tested in that applicable theory."
>
>Yup. Same logic.

No, not the same logic. All amateurs radiate RF, and are held responsible for doing so properly, IE within technical standards for purity of emissions, RF exposure, etc. An amateur can't pass off the blame to Kenwood when he radiates harmonics, or splatter, etc. He's responsible, and the technical tests are there to make sure he knows enough to be responsible. It doesn't matter whether he builds or buys, or whether he talks or beeps, he's responsible for the proper operation of the station.

The real reason for the written exams is to remove the excuse "I didn't know" from the vocabulary of amateurs operating in violation of the regulations.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
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2072. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep1.081558.19222@ke4zv.atl.ga.us>
Source record: 217773
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <Pine.BSI.3.93.960827170013.14365B-100000@cais2.cais.com> zut@cais.com writes:
>On Tue, 27 Aug 1996, Bill Sohl wrote:
>
>> Mere use of CW by some percent of hams no longer
>> constitutes a valid reason to mandateall hams on
>> HF must learn that mode.
>
>In QST, October 1995, Vol. 79, No. 10, page 9, it says,
>
>"From surveys, we know that 48% of the ARRL members in the United States
>already have access to the Internet, either directly or via an on-line
>service. Comparing this figure to the popularity of the various
>over-the-air communications modes, it would rank behind FM (79% of active
>ARRL members use it), SSB (also 79%), and CW (54%) - but ahead of packet
>(40%) and far ahead of any other mode."

It is interesting to note that the 48% internet able figure quoted above
is significantly below the 70% figure recently reported for the general
amateur population. It is also interesting to note that the 54% CW usage
figure quoted above is 16% greater than the ARRL itself reported for
their survey of the general amateur population (professionally conducted
in 1991). These two things may indicate something about the technological
level of ARRL members. Also, the 40% packet figure is significantly up
from the 22% quoted in the 5 year old survey. Looks like a trend to me.

>That "some percent" is pretty high Bill. There are more ARRL members
>operating CW than there are on the Internet and CW's popularity ranks
>third only after SSB and FM.

It is worth noting that the percentages don't add up to 100%. That
means that amateurs use more than one mode, and the survey doesn't
break down what percentage of their operating time is spent on a
particular mode. For example, in response to the survey, I had to
answer yes to the Morse question because I use Morse to ID my repeater.
Now that's my *only* current use of Morse and certainly doesn't constitute
54% of my amateur activity (which is mostly conducted on the modern
digital modes or via FM voice).

>Maybe you didn't see the editorial, but do you not listen to the CW bands?
>Don't you go out on field day? Haven't you ever listed on the low ends of
>the bands on CW contest weekends? How about the 30 meter band? Have you
>never listened there? It would appear you haven't.

I operate frequently on the 30m band. Digital usage far exceeds CW
usage there. That may be hard to tell if you aren't equipped for

modern digital operation due to the large number of stations using
CSMA at the upper end of the band.

>CW is alive, well, and thriving. In fact, the demand for QRP CW
>transceivers alone has almost single handedly revived the kit industry.
>Just open your eyes and ears and it'll become apparent.

Do you have any sales figures for QRP CW transceiver kits? How do
they compare to the number of TNC1 and TNC2 kits TAPR sold, or the
number of 56 kb modem kits GRAPES sold? How do they compare with
the number of FM kits Ramsey (ugh) has sold? Or the number of VHF
FM kits Hamtronics has sold? From what little information I have,
total sales of any QRP CW kit is unlikely to have exceeded 1,000
units. TAPR did over 10 times as many. And how many of those QRP
transceivers are actually used for CW? My R2 and T2 are used for
QPSK experiments and have never beeped the first Morse character.

>This has nothing to do with the so-called debate about Morse testing, but
>it does have to do with correcting your implication that there is little
>CW activity when in fact there is. You may believe that's the case, or
>perhaps you might even WISH it were, but quite simply, it isn't.

Morse is still in common use, not as much as you would appear to claim,
but still in common use. Of course so are other modes, but Morse is the
only one with a separate test. One might justify that if Morse were the
most commonly used mode, which it isn't, or if it were the most useful
mode, which it isn't, or if it were the most effective mode, which it
isn't. In fact it appears to be a stagnant or declining mode compared
to other modes showing positive growth in the general amateur population.

It would be interesting to see figures which added up to 100% for
various mode usages to see where Morse operation really stands with
respect to other modes. For example, in my case Morse usage makes up
less than 1% of my amateur activity, and 100% of that is automatically
generated by the repeater controller. If the rules permitted me to ID
the repeater with a short ASCII burst instead, my usage would be 0%.
(I could make it talk, but I hate talking repeater IDers. Morse is
easier to ignore.) In the now distant past, 100% of my operating was
via Morse (when I was a Novice), but that, like the repeater IDer, was
due to regulatory fiat and not choice.

Gary
--
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2073. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <50bfji$j0@anomaly.ideamation.com>
Source record: 217774
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <50b8e6$mtr@lehi.kuentos.guam.net>,
Jim Kehler <pacrimgolf@kuentos.guam.net> wrote:

>I think we should call them the 'RF VIRGINS'. Or maybe we should call them
>'MODE CHALLENGED AMATEURS'. What do you think ?

I got it.

We can refer to them as the "Morsely-Challenged".

For the "olde fartz" that Spew constantly refers to, we can refer
to them as the "metabolically-challenged".

MD
--
--
-- "I have more guns than I need, and less guns than I want." -- Phil Graam
--
-- If you don't like my opinions, that's just too damn bad.

2074. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <50brad$pat@lehi.kuentos.guam.net>
Source record: 217775
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>It would be interesting to see figures which added up to 100% for
>various mode usages to see where Morse operation really stands with
>respect to other modes. For example, in my case Morse usage makes up
>less than 1% of my amateur activity, and 100% of that is automatically
>generated by the repeater controller.

Oh, what the hell, Gary. Let's just say, for the sake of accurate data
collection, your Morse code useage is 0%. That is, unless you want
to count all the time that other people talk on your repeater as *your*
amateur activity on FM.

So what's that got to do with anything ? Excuse me if I sound crabby,
I just woke up - with a keyboard in my face....

73, Jim KH2D

2075. Re: Which is better CB or Ham radio?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <50br5p$pat@lehi.kuentos.guam.net>
Source record: 217776

101345.3552@compuserve.com (Mike Adams) wrote:

>I'm totally confused after reading all of the posts here on the Usenet
>groups. What is the difference between ham and CB radio? Do you need
>a license to be a ham?

>Isn't CB radio much better and cheaper?

>Just wondering.

>Mike

Depends on what you want to do, Mike. Yes, in general, CB equipment
is cheaper than ham equipment is. CB is generally for 'local' communications,
and ham radio is generally for long distance communications. No license
for CB, license for ham bands. Ham frequencies are a bit more organized
than CB channels, for the most part. Ham radio is more oriented to people
who are interested in electronics for a hobby, CB is more for people who are
just interested in talking on the radio. A lot of people start with CB and then
eventually become ham radio operators.

Hafa Adai,
Jim KH2D

2076. Re: Burt talks to God.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <32296E9A.209A@ccsnet.com>
Source record: 217777
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Jeffrey Herman wrote:
>
> >Then tell me why just yeaterday one of my female students who would
> >rather die than do something nice for a teacher have me a warm hug to
> >thank me
> >for how I changed her life?

> She wanted a higher grade?

She has no interest in her grades. She works to learn.

> I fail to see how teaching her A/V skills "changed her life", unless you
> taught her how to use her VCR.

She is a videographer and on air talent. She recently did an interview
at the ABC affilate in Boston. Being a Barbra Walters or Diane Sawyer,
that
is nothing compared to being a GLORIOUS HAM RADIO OPERATOR, right?

> Why don't you teach a more worthwhile subject that would benefit society?

I did (ham radio) but no one was interested.

--
#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	The less you say, the more people will remember
#================#===#
| k1oik@ccsnet.com |
#===#

http://www.qrz.com/cgi-bin/qrz_gifs?k1oik.gif

2077. UK Repeaters

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: cdalziel@aol.com
Message-ID: <50c1dk$ner@newsbf02.news.aol.com>
Source record: 217778

A new month and a new reminder that UK Amateur Repeater information is
available at the web site of the Repeater Management Group:
http://members.aol.com/rmgvet.rmg.htm
with a repeater list at:-
http://members.aol.com/rmgvet/rep_list.htm

73
Colin GM8LBC

2078. Re: FCC: Sell or Rent?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep1.091146.19514@ke4zv.atl.ga.us>
Source record: 217779

In article <DwyHFE.D5M@ncrcae.ColumbiaSC.NCR.COM> Philip.Wheatley@ColumbiaSC.ncr.com writes:
>Not the perfect group I know, but sometimes seems knowledgeable anyway.
>
>Question: On the FCC frequency auctions, when a company `buys' a segment of frequency
>do they get it forever? Or just for a period of years? If its bought forever,
>could they turn around (like land developers) and subpartion and resell?
>So all the $$$ brought in by the FCC auctions a one time thing?
>
>If its a `rental' what keeps (stupid) people who bought, devices using
>a part of the spectrum, from using their devices after the `lease' (the company has
>on the spectrum) is up?
>
>Can the Government/FCC ever TAKE the frequencies back? (Through no fault of the purchaser)

Good questions. No property right is transferred by the auction.
And winners of the auctions still have to be licensed and comply
with regulations just the same as if they hadn't "bought" the
frequency, except they aren't burdened with competitive filings.
In fact it is just a tax or surcharge for obtaining a license.
It shifts the burden off the FCC from determining "best use"
of spectrum and lets those with the most bucks decide.

After the "lease" is up, the new leasee will be motivated to prosecute
those who "trespass" on his spectrum. This will tend to shift the burden
of enforcement from the FCC's shoulders and onto the shoulders of the
leasee.

And *of course* the FCC can take frequencies back. The auctions convey
no permanent title to the spectrum. Just as the FCC took 220-222 MHz
from amateurs, it can take any other chunk of spectrum it wants at any
time that it wants. The government doesn't give up its power of eminent
domain over the spectrum (or anything else). Governments never voluntarily
surrender power. As long as the government has overwhelming force on its
side, it can do anything it damn well pleases.

The working definition of government is that it is the body
with the largest and best armed set of goons on the block.
When they are "our" goons, we call them cops, soldiers, IRS
agents, etc. When they are "their" goons, we call them hit men,
terrorists, protection racket enforcers, etc. But it's the same
thing, use of force or threat of force to impose one's will on
others and to seize their earnings for uses that they wouldn't
voluntarily choose.

Gary
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2079. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep1.092504.19649@ke4zv.atl.ga.us>
Source record: 217780
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <01bb96f2$53f2e560$d3a5eea5@Pop3.worldnet.att.net> "Cliff-s"
<Cliff-s@worldnet.att.net> writes:
> I do think the the FCC in their naive ways are trying to
>address the
>issue, unfortunately popular rhetoric got in the way. Laws must be made on
>scientific facts not to calm the fears of the day. I noted the comments
>of the various consultants. Hemmet & Edison the premier Communications
>Engineering firm called the regulations caprious and arbitrary and with
>little scientific fact. If the consensus is to abide with IEEE 95.1-1992
>then
>everyone should abide, not PCS is exempted by congressional act or
>wireless industries by lobbying or Wayne Overbeck by being a self appointed
>expert.
> Cliff, W7VVA

Indeed, the 50 watt categorical exclusion has no scientific basis.
IMHO, the most hazardous installations are likely to be the ones
running less than 50 watts, IE HTs and on-glass antenna equipped
mobile stations. That's because the fields to which the operator
is exposed will be much more intense due to proximity. The decision
to exclude these popular setups from regulation was purely political.

But contrary to your idealistic opinion, that is how laws are made.

Gary
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2080. Re: Mars MOD for FT50-r

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep1.094234.19800@ke4zv.atl.ga.us>
Source record: 217781

In article <32286D76.5CF5@pacifier.com> John Nelson <johnn@pacifier.com> writes:
>
>Jim Kehler wrote:
>> kplumb@aol.com (KPlumb) wrote:
>>
>> >Im looking for mars mod for ft50-r. Please post.
>>
>> Cut diode D16 on the main board.
>
>Do NOT do this! This dickhead is, as it typical for him, just spewing
>noise. Unfortunately, in this case, taking his noise seriously can have
>expensive consequences for the uninformed.
>
>It is a sad state of affairs when cretins such as this have to resort to
>vandalism to elevate their egos above their sorry natural resting place.

Heh, while I share your sentiments about such deliberate mischief,
it is worth saying that anyone who takes a mod posted to the internet
(or anywhere else) on blind faith is a fool. One should always examine
the circuit to assure oneself that the mod makes sense before performing
it. In this case, it clearly does not.

Gary
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2081. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep1.100311.19928@ke4zv.atl.ga.us>
Source record: 217782

In article <509qta$r48@news.ais.net> carl@ais.net writes:
>
>The inflated "membership" that ARRL claims to "represent" to the IARU
>and the FCC is a stinking pile of misrepresentation to those bodies.

Note that the ARRL "owns" the IARU. It can represent itself to that body any way it pleases. The IARU was created by the ARRL and is run by the ARRL, pretentions to the contrary not withstanding. It is just a front organization, however, and has no authority or power, so it doesn't really matter how the ARRL presents itself to the IARU.

How the ARRL represents itself to the FCC, or the ITU, however, is another matter. Claiming to represent all of amateur radio to those bodies is indeed false. The ARRL speaks only for a fraction of its own membership. Most of the blame goes to the FCC for going along with the gag, however. The FCC should understand political dynamics better than that.

Gary
--
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2082. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep1.111058.20202@ke4zv.atl.ga.us>
Source record: 217783

In article <JFJRiI8.armond@delphi.com> armond@delphi.com writes:
>Michael P. Deignan <kd1hz@anomaly.ideamation.com> writes:
>
>>The ARRL is a life-support system for a bunch of people so they don't
>>have to go get real jobs. I believe their motivation is one thing, and
>>one thing only: money. The no-code VHF license was a money-making
>>opportunity in more than one way (more subscribers, more item sales, etc.)
>
>There are very few at the ARRL who could not walk out tomorrow and make far
>more money, as many of them do. I would say there have been real sacrifices
>made so they could work with Amateur Radio.

Right, and except for the laboratory staff and W1AW operator, they really
don't get to work with amateur radio on the job either. In fact, people
in other professions often get to spend more time pursuing their amateur
interests than ARRL staff do. Once the spurious glamor of being a "mover
and shaker" in amateur radio wears off, there isn't much to recomend the
ARRL as a career choice. The low pay, long hours, and a really tyranical
boss make being an ARRL staffer a thankless job.

>(2.) The No-Code was not a money
>maker for anybody. They did not buy equipment, the did NOT join the ARRL or
>subscribe to any other ham mags. (Rare exceptions, of course, but VERY rare.)

The code test free Tech license certainly did bring money into the
equipment manufacturers' pockets. Not many Techs went to the trouble
to get licensed and then didn't get any equipment so that they could
use their license. What would be the point?

Of course manufacturers of HF equipment didn't get a boost, but
manufacturers of VHF+ equipment certainly did, and manufacturers
of packet equipment certainly did too.

But you're right that not very many joined the ARRL. That's plain when
you compare the percentage growth of the amateur population since 1991
to the percentage growth in ARRL membership for the same period. That
shouldn't be too big a surprise, however, when you consider that the
ARRL opposed the code test free Tech license we got. The QCWA, which
strongly supported the code test free Tech license, hasn't yet benefited
from it, but just wait 20 more years. :-)

Those of you who pick on the old guys just don't know who your
real friends are. The QCWA, TAPR, AMSAT, and a few individuals
(mostly greying) beat the ARRL at its own lobbying game to get
you the code test free Tech license. Many of these old guys
remember the disaster called Incentive (to pass faster code

tests) Licensing the ARRL rammed down our throats, and saw this
as a way to undo some of that damage and spike one right in the
ARRL's face. I for one enjoyed that very much, and I'm gratified
at the healthy change in amateur demographics which resulted.

Gary
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2083. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep1.115537.20492@ke4zv.atl.ga.us>
Source record: 217784
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <cgreenha.621.3227010A@magnus.acs.ohio-state.edu>
cgreenha@magnus.acs.ohio-state.edu (Christopher K. Greenhalgh) writes:
>In article <5052ke$dmd@abyss.West.Sun.COM> myers@West.Sun.COM (Dana Myers) writes:
>
>>>Ignorance is Bliss!!!! And no excuse for running inadequite radios on
>>>the network.
>
>>Isn't that essentially what I said? ;-)
>
>I would like to offer my apoligies to Rob and Dana for not entering into a new
>field with the absolutly best equipment money can buy on the planet.
>
>If that is their definition of "ignorance"...I am guilty.

I'd suggest ignorance is recomending using an unsuitable $500 radio
to do the job of a $100 data radio. It's cheaper to do it right than
it is to do it wrong, and you'll cause less harm to other users of
the LAN in the process.

Gary
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2084. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep1.112507.20311@ke4zv.atl.ga.us>
Source record: 217785
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <32288A8D.4514@voicenet.com> agray@voicenet.com writes:
>
>Just out of curiosity, would you care to assign a number to that "lots"?
>It seems reasonable to ask what you mean by the term when you ask others
>to accept it as part of your argument.
>
>Alan, W3BV

I don't know what Carl will say, but to be a politically viable
force we need to grow to between 3 and 5 million amateurs over
the next decade. As Carl noted, we'll have to change the way we
operate to accomodate that sort of growth, but it is technically
feasible to do so (and would be a very interesting challenge).

Gary
--
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2085. Re: Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: Ryan Tourge <ryguy@netheaven.com>
Message-ID: <01bb980f$36752980$4c9be7ce@ryant>
Source record: 217786

Hey Drew,

Does your computer's keyboard have a "duh" key?

Just curious.

Ryan Tourge N2YQT
Firefighter - Certified EMS First Responder
Certified Haz-Mat First Responder
Chestertown, NY
ryguy@netheaven.com
http://www.netheaven.com/~ryguy/

Drew Durigan <VUBS79A@prodigy.com> wrote in article
<509d9o$1qi6@usenetz1.news.prodigy.com>...
> Who do I hear on HF?
>
> 1) OLDE FAHRTZ spending endless hours complaining about their health
> problems.
>
> 2) OLDE FAHRTZ spending endless hours talking about what type of spark-
> gap transmitter they used to use prior to World War II.
>
> 3) OLDE FAHRTZ spending endless hours bellyaching about the no-coders on

> the VHF/UHF bands and how "we need to make sure 'they' don't get access
> to 'our' bands down here."
>
> 4) OLDE FAHRTZ spending endless hours arguing with each other, causing
> malicious interference to each other, and using language that makes CB
> look like a Sunday School picnic. Is it CB Channel 19? Why no, it's the

> 75-meter ham band!
>
>
> Is it any wonder that the bands are under attack by commercial interests?
>
>
> -Drew in Sunny Central Florida-
> KF4DDM
>
>

2086. Re: Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: w9sz@prairienet.org
Message-ID: <50c61r$5jc@vixen.cso.uiuc.edu>
Source record: 217787

In a previous article, timhynde@ix.netcom.com (timhynde) says:

>Drew Durigan wrote:
>>
>> Who do I hear on HF?
>--snip-- (more of OLDE FAHRTZ stuff)
>
>> 4) OLDE FAHRTZ spending endless hours arguing with each other, causing
>> malicious interference to each other, and using language that makes CB
>> look like a Sunday School picnic. Is it CB Channel 19? Why no, it's the
>> 75-meter ham band!
>>
>> Is it any wonder that the bands are under attack by commercial interests?
>>
>> -Drew in Sunny Central Florida-
>> KF4DDM
>
>Hi Drew:
>Could you name one commercial loss of the HF bands?
>Can you name one commercial organization petitioning for HF bandwidth?
>Your argument may have some merit, unfortunatly you picked the wrong
>band as an example. If anything we have gained more HF frequencys
>(WARC).
>Also, your tuned to the wrong frequencys. Try increasing your code speed
>and
>check in to some QRP frequencys. Lots of fun people to QSO with, mostly
>revolving
>around things they have built etc.
>
>73,
>Tim, ka8ddz
>

Also, try VHF/UHF CW/SSB. Better yet, try VHF/UHF CW/SSB QRP !!

5 watts goes a long way on the bands 50 MHz and above. And antennas are
small.

We lost 220 MHz years ago due to inactivity on the band; let's get some more
activity going on the higher bands. At least we'll have a cause then.

73, Zack W9SZ

--

2087. Help with Heathkit HW-100 SSB Transceiver!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: marksguitars@delphi.com
Message-ID: <h7MRKnG.marksguitars@delphi.com>
Source record: 217788

Hello fellow Hams!
Does anyone have access or a copy of the HW-100 manuals I could borrow/photocopy/beg to borrow from you/buy?
I just bought this rig as my first radio that does 80,40,20,15, and 10-meter SSB.
Your help would be greatly appreciated as I try to figure out how to use this!

Thank you,

Mark Liggett
marksguitars@delphi.com

2088. God talks to me again.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3229A788.4DB9@ccsnet.com>
Source record: 217789
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

-

AA0NN said:
Interesting reply Burt. You put a smile on my face.

If I were a typical ham my comments would be anything but interesting.
The would be sprinkled with HI HI and it is a beautiful day.

AA0NN said:
I agree ham radio is very chancey and unreliable. I've experienced that
many times when I've attempted several NTS messages...voice and packet.
Seems as if the ball is dropped in most cases.

I was amazed your message got to me and mine to you.

AA0NN said:
My opinion is that the "loser" bulletin was not a meaningful exchange.

But that is OPINION not fact. Thus why should you be a God. Who needs
your protection? The loser message did not put your license at risk. Do
you want to be "protected from messages? Are you an adult?

AA0NN said:
Communist dictator...I think that's a fairly extreme position, Burt. I
would think of it as a hobby/service (whatever!) where we police ourselves.

Yes it was extreme but the only difference is you do not have the power,
If you were in the position to dictate to a country why should I think
you would not "protect" a whole country by controlling the media?
The hobby does police itself but that term should apply to illegal
activities not matters of censorship of ideas.

AA0NN said:
Let's see...all the BBSs that have a hold list for dirty words are also
controlling, right? What's profane for you and me and the FCC are
probably all different. Who is the FCC to determine what is and is not
profane? Back to me...I determined what was] offensive to me, and I
controlled it.

My message was clearly not profane and clearly was legal under ANY F.C.C.
guideline. My message may have been offensive to some but where does it
say in F.C.C. rules that ideas that are offensive must be squelched? I find
most ham messages offensive for their lack of meaningful content but if
I were a SYSOP I would not delete them.

AA0NN said:
I lived in one of those locations....end of the Aleutian

chain on a 2x4 mile island.

Sounds like Adak

AA0NN said:
You're still on my LID list. I can't reject your messages, but I can hold them for review.

And that is different than before in what way?

73 Burt

2089. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: agray@voicenet.com
Message-ID: <3229B5F9.7213@voicenet.com>
Source record: 217790
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

carl@ais.net wrote:
>
> In <32288A8D.4514@voicenet.com>, agray@voicenet.com writes:
> >carl@ais.net wrote:
> >>
> >> We also need LOTS more hams to boost the users/MHz number significantly.
> >> That'll both push us to use our spectrum more efficiently, it'll look a
> >> LOT better to the FCC in terms of justifying the size of our
> >> allocations.
> >>
> >> Public interest value ~= (Users_per_MHz)*(Value_of_user_activity)
> >>
> >> Right now I'm afraid we'd rate pretty low ...
> >>
> >> Carl - wa6vse
> >> crl@ais.net
> >
> >Carl-
> >
> >Just out of curiosity, would you care to assign a number to that "lots"?
> >It seems reasonable to ask what you mean by the term when you ask others
> >to accept it as part of your argument.
> >
> >Alan, W3BV
>
> Lots ... as in hundreds of thousands. Is that clear enough?
>
> Carl - wa6vse
> carl@ais.net

Carl-

No, that's not clear enough. Your "hundreds of thousands" still seems pretty imprecise and largely based on speculation. Don't we really need to get an estimate from someone competent in the field (i.e., someone with marketing expertise) in order to know how big the group of new equipment buying hams needs to be in order to represent a viable economic force before we can conclude that there is "strength in numbers" (you argument must be based on economics; you surely can't be suggesting that "hundreds of thousands" of hams represents any political force).

Alan, W3BV

2090. Here is Propagation Pages on WWW

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: AC6V <AC6V@ix.netcom.com>
Message-ID: <3229BFD5.1039@ix.netcom.com>
Source record: 217791

Thought I would pass this along to the anyone interested in a reading
about propagation.

Claude PIOT wrote:
>
> Looking for propagation, I know the SunSpot number, the Solar Flux, but what are the
importance and influence of boulder A and of K ?
> 73 from F3PZ

Hello Claude

I think the Solar Guide Page will answer your questions, it is at URL:

http://www.rnw.nl/rnw/en/pub/solargui.html

Part of the Propagation Page AT URL:

http://ve7tcp.ampr.org/Propagation/

Good Propagation

Rod in San Diego

--
Hark for I have hurled my words to the far reaches of the earth!
What King of old could do thus??
..... AC6V

2091. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: John Nelson <johnn@pacifier.com>
Message-ID: <3229D3F6.7AC1@pacifier.com>
Source record: 217792
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Michael P. Deignan wrote:

> >And if I don't want to operate TCP/IP on radio, then I DON'T have to
> >demonstrate proficiency in its use. Fine, I can live with that. But you can
> >NOT have it both ways, Michael. The same logic now applies to CW. If I'm not
> >going to use it, I don't have to demonstrate proficiency in it.
>
> Lessee... "I don't intend to build my own radio gear, so why do I need to
> be tested on all that gear-building theory?" Yup, same logic applies.

No, same logic does not apply. We are talking about operating modes, not the assembly of equipment, or the operation of a station. Rather a significant difference. We agreed that in order to operate (a given mode) one should be required to demonstrate proficiency. It follows then, that one must demonstrate proficiency in the operation of station.

Or are you putting forth the same tired old argument that unless one builds one's own steam-driven radio gear, one isn't worthy of generating RF? By the way, did you build those vacuum tubes yourself?

> "Just give me a radio and let me yack. That's all I want."

Uh-huh, just give me a radio and let me key. That's all I want. What's the difference?

2092. ARLB056 Hurricane Edouard 1

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: w1aw@arrl.org
Message-ID: <$arlb056.1996@arrl.org>
Source record: 217793
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB QST @ ARL $ARLB056
ARLB056 Hurricane Edouard 1

ZCZC AG36
QST de W1AW
ARRL Bulletin 56 ARLB056
From ARRL Headquarters
Newington CT September 1, 1996
To all radio amateurs

SB QST ARL ARLB056
ARLB056 Hurricane Edouard 1

At 11 AM EDT, or 1500Z, the center of Hurricane Edouard was located near latitude 37.3 north, longitude 70.2 west or about 275 miles south of Nantucket Island, Massachusetts. A hurricane warning remains in effect from Watch Hill, Rhode Island to the Merrimack River in Massachusetts. The storm is moving toward the north near 16 mph. Hurricane conditions could reach Southeastern New England shortly after midnight.

ARRL officials in affected areas report impending activation of Skywarn, ARES and other nets. In Connecticut, nets will be activated on 147.09 mhz, 145.29 mhz and 145.49 mhz repeater systems this evening. In Eastern Massachusetts, nets will convene on 146.76 mhz and 146.64 mhz repeaters.

Hurricane Watch Net Manager Jerry Herman, N3BDW, reports that the net will be activated in conjunction with the activation of the National Hurricane Center Station W4EHW in Miami as the storm approaches landfall. The net will convene on 14.325 mhz.

Joe Schmidt, W4NKJ, coordinator, reports likely activation of W4EHW at the National Hurricane Center later today. The ops at W4EHW will accept the following MET data from amateurs in the storm track: measured wind speed as sustained for one minute, gust speed and barometric pressure. Send info with time and origin of report to w4ehw@fiu.edu, http://www.fiu.edu/orgs/w4ehw, via the Hurricane Watch Net or other nets.

Amateurs are advised to monitor storm nets but not to transmit on net frequencies unless directed to do so by net control stations.
NNNN
/EX

2093. Callsigns Available ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: jkluetz@tnis.net
Message-ID: <3229c52b.3126825@news.whc.net>
Source record: 217794
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Is there anyplace where one can find a listing of unassigned callsigns
available for the vanity callsign program ? There was a web site at
one time but I can't find it now (forgot to bookmark it :-<)

Jim, NK5V

2094. Re: No Code debate

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: rcrii@juno.COM
Message-ID: <19960901.140245.13766.1.rcrii@juno.com>
Source record: 217795

>carl@ais.net WROTE

>Just as the CW test is not relevant to my company's employment criteria,
>it has become irrelevant as a requirement for a ham license. There are
>a lot of other things to do and to contribute to in ham radio and we'd
>be a lot better off if we eliminated the unnecessary roadblock.

>And please don't presume to characterize me as someone "who'd rather
>avoid a challenge than face it" ... you don't KNOW me, so you're not
>qualified to make that judgement!!! ... I've faced plenty of
>challenges ... from the technical challenges of my career, to 4 years
>with a wife dying of breast cancer, to a two year sailing voyage from
>California to Florida in a 42' sailboat ... and many others.

If code is irrelevant as a requirement for a amateur license you make a
good
argument. My point is about the character it takes to surmount an
obstacle that
one may not find to be relevant to his interests. Many other
organizations have rites
of passage, initiations if you will. Isn't the long, hard road that must
be hoed
at college a form of initiation for your profession? Was every tough
class you took meaningful to your job performance? Were people weeded
out, back then in school, even prior to the game of obtaining
employment? You know, during TEST time. All I was trying to state is
that I feel amateur radio does need a weeding process. A test that not
only polls knowledge but one that also shows dedication. I feel that the
code part of the test
tests dedication to the hobby. With dedication comes responsibility. With
responsibility
comes adherence to the rules. My actual concern is the apparent increase
in misuse of
radio equipment. I think that after someone spends months learning code
to get a license that person would be less likely to throw the license
away, like the fellows did out in arizona.

Also I must apologize. I did not mean that there were only two types of
people in the world. We all are, at times called upon by challenge. Some
embrace the challenge and react to it, others cringe in front of it. Some
of us challenge ourselves, like you with the boat trip. The type of self
challenge is selected by us. So I agree that you can be a person that
accepts challenge but one who does agree to selecting the challenge of learning code.

I thank you for your response. I have found it very interesting.
N8TPM, Ron.

2095. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: carl@ais.net
Message-ID: <50cq04$ffe@news.ais.net>
Source record: 217796

In <50a75s$739@news.Hawaii.Edu>, jherman@Hawaii.Edu (Jeffrey Herman) writes:
>
>Carl, why are you trying to bring the code debate over to .misc? Please
>keep it on .policy (one of the reasons for .policy's existance). Just
>because you're a tech with no HF privileges is no reason to use .misc
>as your platform for espousing the elimination of the code tests.
>
>Jeff KH2PZ

Jeff,

Check the subject ... this thread is about whether the ARRL truly
represents the views and needs of the majority of US hams, not
specifically with respect to the code debate, but overall ...

Besides, why hide it? Neither "the code debate" nor dissatisfaction
with the ARRL's missrepresentations will "go away" just because you
don't want to be involved. Ever heard of a "kill file"? If you want to
kill file me and the others who think these are important issues, feel
free ...

Carl - wa6vs
carl@ais.net

2096. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: carl@ais.net
Message-ID: <50cqje$ffe@news.ais.net>
Source record: 217797

In <RZPwCrA.armond@delphi.com>, armond@delphi.com writes:
><carl@ais.net> writes:
>
>>Perhaps a more accurate assessment could be obtained by mailing a ballot
>>on the issue to EVERY licensed US ham, with the reqirement that it be
>>executed and returned or the license would be revoked? This would serve
>
>You must have been very sad on the day that the USSR collapsed.
>

What te hell about what I said above has ANYTHING to being a communist?
(which is what you equated me to with your comment)

What would be so onerous about requiring hams to return a card in a
postage-paid return envelope, checking the box and indicating that they
were, in fact, still alive and cared enough to reply??????

As I said, it would allow the FCC to reclaim a LOT of SK callsigns,
which they could re-issue for a fee under the new vanity call program,
raising revenue that they might even apply to better enforcement
programs.

It would ALSO let the FCC get a clear unbiased view of the REAL opinions
of the US ham population, instead of the slanted, backward trash that
the ARRL feeds them.

Carl - wa6vse
carl@ais.net

2097. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: carl@ais.net
Message-ID: <50cq56$ffe@news.ais.net>
Source record: 217798

In <50a75s$739@news.Hawaii.Edu>, jherman@Hawaii.Edu (Jeffrey Herman) writes:
>Carl, why are you trying to bring the code debate over to .misc? Please
>keep it on .policy (one of the reasons for .policy's existance). Just
>because you're a tech with no HF privileges is no reason to use .misc
>as your platform for espousing the elimination of the code tests.
>
>Jeff KH2PZ

Besides, I'm NOT a tech with no HF priveleges ... I passed a code test
at the FCC office (5wpm) and the General written to get my tech.

I've probably been licensed longer than you have (20+ years), so don't
give me your "You're a lowly tech, I'm an Extra" crap!

Carl -- wa6vse
carl@ais.net

2098. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: carl@ais.net
Message-ID: <50cr0b$ffe@news.ais.net>
Source record: 217799
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In <50bfji$j0@anomaly.ideamation.com>, kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:
>
>I got it.
>
>We can refer to them as the "Morsely-Challenged".
>
>For the "olde fartz" that Spew constantly refers to, we can refer
>to them as the "metabolically-challenged".
>

It would be more accurate to refer to us as the "Morsely-DISINTERESTED."

I passed the code test ... just don't want to use it and think it is
very bad policy to FORCE anyone to learn it if they don't have interest.

The "olde fartz" could be the
"progressive-forward-thinking-for-the-future-of-ham-radio challenged."
Come to think of it ... that describes the ARRL, too ...

The arguments like "if we drop the code, next we'll drop the theory" are
flawed because the FCC will not drop theory testing in the interests of
preventing interference to other services. The FCC has considered CW
irrelevant for years ... it's the ARRL and other counter-progress groups
who orchestrated letter-writing campaigns against dropping the code.

Carl - wa6vse
carl@ais.net

2099. Wanted: "Handbuch der Drahtlosen Telegraphie" part 1 by Nesper (<1922)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: jimthorn@cs.vu.nl
Message-ID: <Dx2ME6.9G9@cs.vu.nl>
Source record: 217800

Please let me know when you have it, and you're willing to part
with it... :-)

Jaco.

2100. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: carl@ais.net
Message-ID: <50csc2$ffe@news.ais.net>
Source record: 217801

In <1996Sep1.111058.20202@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>Those of you who pick on the old guys just don't know who your
>real friends are. The QCWA, TAPR, AMSAT, and a few individuals
>(mostly greying) beat the ARRL at its own lobbying game to get
>you the code test free Tech license. Many of these old guys
>remember the disaster called Incentive (to pass faster code
>tests) Licensing the ARRL rammed down our throats, and saw this
>as a way to undo some of that damage and spike one right in the
>ARRL's face. I for one enjoyed that very much, and I'm gratified
>at the healthy change in amateur demographics which resulted.
>
Gary,

Perhaps it's not as obvious to everyone as it is to me ... and I should
clarify:

There's a BIG difference between the "old guys" and "ye olde fartz" ...

I know a LOT of old guys who are friendly, progressive, welcome
newcommers to the ranks with enthusiasm, and (still) operate CW.
They will try to share their interest in and enjoyment of CW with the
newcomers, but not force it down their throats. They do not turn their
backs on the newcomers and make them feel unwelcome in other ham
activities when they say, "Thanks, but CW is not my cup of tea."

Then there are the olde fartz ... they're the ones who make the
unidentified commments when a newcomer shows up on the repeater
("'nother damned no-coder") ... they also tend to voice the same
opinions in thier ragchews with their cronies on (insert freq here).
They're the ones who for all purposes and intents wear "Real Hams Pound
Brass" T-shirts ... it's there in their comments, their actions, and
everything they project, both consciously and unconsciously, to new
hams. If you don't do CW, you don't "belong on 'their' bands."
And they think their views should be the law of the land. (after all,
that's the 'natural' way ... the way God intended it, right?)

BTW ... I know a lot of the TAPR and AMSAT folks ... they're certainly
not olde fartz ... if you, or anyone else, thought I ever implied they
were, you were mistaken.

73,
Carl - wa6vse
carl@ais.net

2101. Re: Callsigns Available ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: AC6V <AC6V@ix.netcom.com>
Message-ID: <3229F61E.63D9@ix.netcom.com>
Source record: 217802
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Jim Kluetz wrote:
>
> Is there anyplace where one can find a listing of unassigned callsigns
> available for the vanity callsign program ? There was a web site at
> one time but I can't find it now (forgot to bookmark it :-<)
>
> Jim, NK5V

Hi Jim here are a few -- the first one is a daily call assignment so you
can see whats taken daily.

http://www.lantz.com/htbin/cbs_today

Here are the 2x1 and 1x2 listings

http://www.ultranet.com/~bob/

Another:

First go to KA9FOXs fine Page at URL:
http://www.qth.com/ka9fox/
Then scroll to: The Contest / DX Library
Click on: U.S. Vanity Callsign Information
Sroll again to:
U.S. Vanity Callsign Information

Good Luck
Rod in San Diego

--
Hark for I have hurled my words to the far reaches of the earth!
What King of old could do thus??
..... AC6V

2102. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: carl@ais.net
Message-ID: <50csp6$ffe@news.ais.net>
Source record: 217803

In <50bbhc$2v0@cwis-20.wayne.edu>, n8fow@wireless.org (Ron Atkinson) writes:

>Look at the band plans between Regions 1, 2 and 3 and you'll see why
>they don't operate where General class licensees operate, because they
>can't operate there. The amateur bands in the various regions are different
>from each other and don't entirely overlap. What is a voice section in
>one ham band in Region 2 might be a commercial broadcast band in another
>region. A voice band in Region 1 might be a CW only band in Region 2.
>Usually the Extra class portions overlap the same modes/bands as the
>other regions do. The DX stations aren't trying to avoid people, they
>just can't operate in the same band plans as we do.
>
Ron,

That's true in some cases ... but in many "DX" countries, there are no band plans. XE comes to mind ... when I was XE2/WA6VSE, I was free to operate whatever mode I chose anywhere in the band ... as long as I stayed in-band. There was lots of voice activity below the US voice band throughout Latin America, mostly because by staying away from the gringos, they avoided the nasty "beaner" or "greaseball" comments (another variation on the "damned no-coders" a-la-olde farte) and found less crowded areas. Sad, but true.

Carl - wa6vse
carl@ais.net

2103. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: agray@voicenet.com
Message-ID: <3229F9B2.4A25@voicenet.com>
Source record: 217804

carl@ais.net wrote:
>
> In <RZPwCrA.armond@delphi.com>, armond@delphi.com writes:
> ><carl@ais.net> writes:
> >
> >>Perhaps a more accurate assessment could be obtained by mailing a ballot
> >>on the issue to EVERY licensed US ham, with the reqirement that it be
> >>executed and returned or the license would be revoked? This would serve
> >
> >You must have been very sad on the day that the USSR collapsed.
> >
>
> What te hell about what I said above has ANYTHING to being a communist?
> (which is what you equated me to with your comment)
>
> What would be so onerous about requiring hams to return a card in a
> postage-paid return envelope, checking the box and indicating that they
> were, in fact, still alive and cared enough to reply??????
>
> As I said, it would allow the FCC to reclaim a LOT of SK callsigns,
> which they could re-issue for a fee under the new vanity call program,
> raising revenue that they might even apply to better enforcement
> programs.
>
> It would ALSO let the FCC get a clear unbiased view of the REAL opinions
> of the US ham population, instead of the slanted, backward trash that
> the ARRL feeds them.
>
> Carl - wa6vse
> carl@ais.net

There are, in fact, quite a number of active, technically competent/progressive amateurs who work at the FCC in positions of authority. This may come as a shock to you but these guys really do know what's going on in amateur radio today- without having to rely soley on the ARRL for guidance.

Sometimes your posts smack of real arrogance. Your constant suggestion that the old timers are largely behind the technological curve suggests that you don't get out much. You really do need to get to know some of the other members of this great fraternity- you might be surprised at the number of the old timers who are at least as smart as you think you are.

2104. Re: Icom R-7000

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: James Lee Tabor <ku5s@wtrt.net>
Message-ID: <3229F755.5B14@wtrt.net>
Source record: 217805

Hi all. On the R-7000, is it safe and legal to send these via
mail or ups or however? Mine got poped by lightning, and I think
part of that anti-cell monitor makes it unlawful to mail these.

Thanks,
Jim

2105. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: carl@ais.net
Message-ID: <50cu9i$ffe@news.ais.net>
Source record: 217806
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <1996Sep1.081558.19222@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>In article <Pine.BSI.3.93.960827170013.14365B-100000@cais2.cais.com> zut@cais.com writes:
>>On Tue, 27 Aug 1996, Bill Sohl wrote:
>>
>>> Mere use of CW by some percent of hams no longer
>>> constitutes a valid reason to mandateall hams on
>>> HF must learn that mode.
>>
>>In QST, October 1995, Vol. 79, No. 10, page 9, it says,
>>
>>"From surveys, we know that 48% of the ARRL members in the United States
>>already have access to the Internet, either directly or via an on-line
>>service. Comparing this figure to the popularity of the various
>>over-the-air communications modes, it would rank behind FM (79% of active
>>ARRL members use it), SSB (also 79%), and CW (54%) - but ahead of packet
>>(40%) and far ahead of any other mode."
>
>It is interesting to note that the 48% internet able figure quoted above
>is significantly below the 70% figure recently reported for the general
>amateur population. It is also interesting to note that the 54% CW usage
>figure quoted above is 16% greater than the ARRL itself reported for
>their survey of the general amateur population (professionally conducted
>in 1991). These two things may indicate something about the technological
>level of ARRL members. Also, the 40% packet figure is significantly up
>from the 22% quoted in the 5 year old survey. Looks like a trend to me.
>

It's not just "interesting" it's SIGNIFICANT ... even if the ARRL were
"representative" of its "members" they'd be representing a "membership"
that was, on a whole, overwhelmingly backward from a technical
standpoint. (48% net access for ARRL members vs. 70% overall ham pop.)

And that's counting me and the many other "subscriber-to-QST-Members"
who probably represent a huge majority of the 48% with internet access.
And they certainly don't "represent" the views of the technically
progressive segment of their "membership" ... so what they DO represent
is the view of the technically-backward minority of the US ham
population. How in the hell does this qualify them to pass themselves
off to the FCC, IARU, and ITU as the "voice of US amateurs" ???

>It is worth noting that the percentages don't add up to 100%. That
>means that amateurs use more than one mode, and the survey doesn't
>break down what percentage of their operating time is spent on a
>particular mode. For example, in response to the survey, I had to

>answer yes to the Morse question because I use Morse to ID my repeater.
>Now that's my *only* current use of Morse and certainly doesn't constitute
>54% of my amateur activity (which is mostly conducted on the modern
>digital modes or via FM voice).
>

Right again ... I'd have to say I operate CW, too ... even though it's
only "occasionally" ... on very RARE occasions ... more fodder for the
ARRL's "statistical data" that "proves" that CW testing is "necessary."

>>CW is alive, well, and thriving. In fact, the demand for QRP CW
>>transceivers alone has almost single handedly revived the kit industry.
>>Just open your eyes and ears and it'll become apparent.
>
>Do you have any sales figures for QRP CW transceiver kits? How do
>they compare to the number of TNC1 and TNC2 kits TAPR sold, or the
>number of 56 kb modem kits GRAPES sold? How do they compare with
>the number of FM kits Ramsey (ugh) has sold? Or the number of VHF
>FM kits Hamtronics has sold? From what little information I have,
>total sales of any QRP CW kit is unlikely to have exceeded 1,000
>units. TAPR did over 10 times as many. And how many of those QRP
>transceivers are actually used for CW? My R2 and T2 are used for
>QPSK experiments and have never beeped the first Morse character.
>

I suspect that a similar scenario applies to LOTs of R2/T2 setups.

>>This has nothing to do with the so-called debate about Morse testing, but
>>it does have to do with correcting your implication that there is little
>>CW activity when in fact there is. You may believe that's the case, or
>>perhaps you might even WISH it were, but quite simply, it isn't.
>

Doesn't matter ... how much CW is used is irrelevant.

>Morse is still in common use, not as much as you would appear to claim,
>but still in common use. Of course so are other modes, but Morse is the
>only one with a separate test. One might justify that if Morse were the
>most commonly used mode, which it isn't, or if it were the most useful
>mode, which it isn't, or if it were the most effective mode, which it
>isn't. In fact it appears to be a stagnant or declining mode compared
>to other modes showing positive growth in the general amateur population.
>
>It would be interesting to see figures which added up to 100% for
>various mode usages to see where Morse operation really stands with
>respect to other modes. For example, in my case Morse usage makes up
>less than 1% of my amateur activity, and 100% of that is automatically
>generated by the repeater controller. If the rules permitted me to ID
>the repeater with a short ASCII burst instead, my usage would be 0%.
>(I could make it talk, but I hate talking repeater IDers. Morse is
>easier to ignore.) In the now distant past, 100% of my operating was
>via Morse (when I was a Novice), but that, like the repeater IDer, was

>due to regulatory fiat and not choice.
>

It's been said before, but it's something that some folks here seem to
have difficulty understanding:

1)Nobody (that I've seen/heard) has suggested banning the USE of CW ...
just eliminating the testing.
2)If the mode is so great and so many people WANT to use it they will,
and it will survive (if and as long as it's truly worthy of survival)
without a government mandate.
3)IF .NOT. (2) THEN LET_IT_DIE

Carl - wa6vse
carl@ais.net

2106. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: carl@ais.net
Message-ID: <50cupk$ffe@news.ais.net>
Source record: 217807
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <1996Sep1.112507.20311@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>In article <32288A8D.4514@voicenet.com> agray@voicenet.com writes:
>>
>>Just out of curiosity, would you care to assign a number to that "lots"?
>>It seems reasonable to ask what you mean by the term when you ask others
>>to accept it as part of your argument.
>>
>>Alan, W3BV
>
>I don't know what Carl will say, but to be a politically viable
>force we need to grow to between 3 and 5 million amateurs over
>the next decade. As Carl noted, we'll have to change the way we
>operate to accomodate that sort of growth, but it is technically
>feasible to do so (and would be a very interesting challenge).
>
>Gary

Gary ...
I was being a bit politically dishonest when I said "hundreds of
thousands" ... after all, I don't want to cause too many strokes
amongst those who feel the bands are already too crowded and we should
be doing everything we can to keep people out.

But, since you've let the cat out of the bag, I have to admint that I
agree with you 100%. If we can't show that sort of users/MHz figures,
we'll find ourselves on the wrong side of a spectrum auction at some
point in the not horribly distant future.

I don't want to see that happen ... and since I've slipped into being
TOTALLY politically honest, it's going to take a lot more change than
just eliminating the CW test ... we're going to have to implement better
band planning/frequency-coordination, do a much better job of driving
new, spectrally-efficient technology into our ranks, and a lot of other
things to make it fly.

Carl - wa6vse
carl@ais.net

2107. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <50ct2r$ob@anomaly.ideamation.com>
Source record: 217808
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <3229D3F6.7AC1@pacifier.com>,
John Nelson <johnn@pacifier.com> wrote:

>No, same logic does not apply. We are talking about operating modes, not the
>assembly of equipment, or the operation of a station. Rather a significant
>difference.

How? How much "theory" is really involved in the "assembly" of a station
these days? Probably the most tasking thought that the modern-day ham has
to go through is deciding where to ground his/her station.

The "appliance operator"-azation of amateur radio is well known. The vast
minority of hams need to understand much of the theory presented above
the entry-level examinations.

> It follows then, that one must
> demonstrate proficiency in the operation of station.

How does a theory examination "demonstrate proficiency" at anything,
other than taking an examination? It doesn't ensure that people actually
know what they're doing.

>Or are you putting forth the same tired old argument that unless one builds
>one's own steam-driven radio gear, one isn't worthy of generating RF?

No, merely that your logic is equally applicable to elimination of all
testing requirements within the amateur service.

>By the way, did you build those vacuum tubes yourself?

I have my own glass-blowing equipment right here.

>Uh-huh, just give me a radio and let me key. That's all I want. What's the
>difference?

This is the amateur radio service. Not the personal radio service nor
the cellular phone service nor the general mobile radio service. There
is more to the amateur service than yacking -- something most people
seem to hae forgotten.

MD
--
--
-- "I have more guns than I need, and less guns than I want." -- Phil Graam
--
-- If you don't like my opinions, that's just too damn bad.

2108. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: carl@ais.net
Message-ID: <50cvin$ffe@news.ais.net>
Source record: 217809
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <3229B5F9.7213@voicenet.com>, agray@voicenet.com writes:
>> In <32288A8D.4514@voicenet.com>, agray@voicenet.com writes:
>> >Carl-
>> >
>> >Just out of curiosity, would you care to assign a number to that "lots"?
>> >It seems reasonable to ask what you mean by the term when you ask others
>> >to accept it as part of your argument.
>> >
>> >Alan, W3BV
>>
>> Lots ... as in hundreds of thousands. Is that clear enough?
>>
>> Carl - wa6vse
>> carl@ais.net
>
>
>Carl-
>
>No, that's not clear enough. Your "hundreds of thousands" still seems
>pretty imprecise and largely based on speculation. Don't we really need
>to get an estimate from someone competent in the field (i.e., someone
>with marketing expertise) in order to know how big the group of new
>equipment buying hams needs to be in order to represent a viable
>economic force before we can conclude that there is "strength in
>numbers" (you argument must be based on economics; you surely can't be
>suggesting that "hundreds of thousands" of hams represents any political
>force).
>

Alan,

It's not how many hams are spending how many bucks per year on ham gear
.. that'd rank rather low on the FCC's list of ranking criteria.

Public interest value ~= (Users_per_MHz)*(Value_of_user_activity)

Our value, historically, has been in public service activities and in
maintaining a pool of technically-skilled communicators.

You have to get the idea of what "the public interest" constitutes ...
it's not economics ... it's more like "what's the intrinsic VALUE (where
value is not entirely, or even necessarily, measured in dollars) of this
use of the spectrum."

Therefore, even if the Value_of_user_activity stays constant in the equation above, if the Users_per_MHz increases, the public interest value increases, too.

We need to increase BOTH terms to the right of the ~= in the above equation to reach a point where the public interest value is sufficient to ensure our long-term survival ...

Think about it ... in today's world of cars, trucks, airplanes, and space shuttles, there's not a lot of demand for blacksmiths, right ???

The ham community is rapidly becoming the "blacksmiths" of the electronic age ... and the ARRL and the "CW forever" group are telling the FCC "This is what we want ... this is where we demand to remain."

That's pure techno-political suicide.

Carl - wa6vse
carl@ais.net

2109. Re: Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: carl@ais.net
Message-ID: <50d15m$ffe@news.ais.net>
Source record: 217810

In <50b6va$mmv@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net (Jim Kehler) writes:
>Tim,
> Apparently you don't know Spew. Let me introduce him to you. The fact
>that he can spell 'HF' amazes most of us. Asking him to explain things about
>it is over his head. He can't 'tune in' to the QRP frequencies, as he doesn't
>have a radio. (He hears voices in his head, so I guess he doesn't need one).
>He can't increase his code speed, as he has no code speed to increase.
>Trying to explain to him how he could enjoy ham radio is useless. He doesn't
>want to enjoy ham radio - he only wants to troll on internet.
>
>73, Jim KH2D
>
Tim,

Apparently you don't know Jim. Let me introduce him to you. He claims to not care if the code test requirement is abandoned, yet he hangs around here taking occasional pot-shots at those of us who passionately desire its abolishment because we firmly believe it's necessary for the survival of ham radio and the preservation of our frequency allocations.

Jim also seems to think that anyone who hasn't passed the CW test is of a "lesser class" with respect to both hamdom and humanity in general, than he is, and therefore is ignorant and unworthy of expressing his views. (This trait seems almost universal amongst those who feel that maintaining the CW test is imperative.)

I make no claim to knowing Drew, and will therefore disclaim any general endorsement of him, but his "What do you hear on HF?" examples are, to a VERY large degree, disgustingly accurate.

Carl - wa6vse
carl@ais.net

2110. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: carl@ais.net
Message-ID: <50d1q8$ffe@news.ais.net>
Source record: 217811
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <50ct2r$ob@anomaly.ideamation.com>, kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:
>This is the amateur radio service. Not the personal radio service nor
>the cellular phone service nor the general mobile radio service. There
>is more to the amateur service than yacking -- something most people
>seem to hae forgotten.
>

Michael,

At last something we can agree upon ...

There IS more to the amateur radio service than "yacking" ... and more to it than "pounding brass" ... much more.

However, MOST of what ham radio "IS" that is of "public interest value" (and maintains our allocations) has NOTHING to do with CW.

Carl - wa6vse
carl@ais.net

2111. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: djfinn@ibm.net
Message-ID: <50d5hc$1150@news-s01.ny.us.ibm.net>
Source record: 217812
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Now for the *real* reason we should keep CW:

>carl@ais.net wrote:

>Now if the licensing requirments are modernized (read, "CW test is
>eliminated"), I'll be at the next available testing session and walk
>away with Extra ...(half asleep, in a drunken stupor)

Any questions?

73 ;)

KR4AJ

2112. Re: JNOS, looking for ..

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: Matt Werner <kb0kqa@computerpro.com>
Message-ID: <322A1AFC.5A44@computerpro.com>
Source record: 217813

Marcelo Cury - PY1TTO wrote:

> I am looking for JNOS system.
> Where can I get a copy ?

ftp://ftp.ucsd.edu/hamradio/packet/tcpip/jnos

I suppose there are mirrors too, but that's what
I use...

73 - Matt

2113. IPS Daily Report - 01 September 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <50d4n5$6bu@flare.syd.ips.oz.au>
Source record: 217814
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 01/2330Z SEPTEMBER 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE AUSTRALIAN SPACE FORECAST CENTRE
SUMMARY FOR 01 SEPTEMBER AND FORECAST FOR 02 SEPTEMBER - 04 SEPTEMBER

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 74/11

GOES satellite data for 31 Aug
Daily Proton Fluence >1 MeV: 7.3E+05
Daily Proton Fluence >10 MeV: 1.7E+04
Daily Electron Fluence >2 MeV: 4.4E+08 (moderate)
X-ray background: A5.2
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
02 Sep 03 Sep 04 Sep
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 02 Sep: 73/9

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Quiet

Estimated Indices : A K Observed A Index 31 Aug
Learmonth 7 2222 2222
Fredericksburg 6 13
Planetary 10 14

Observed Kp for 31 Aug: 3344 3222

2B. MAGNETIC FORECAST
Date Ap Conditions
02 Sep 6 Quiet
03 Sep 6 Quiet
04 Sep 6 Quiet
COMMENT: Quiet conditions expected next three days.

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band

Date Low Middle High
01 Sep Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
02 Sep Normal Normal Normal
03 Sep Normal Normal Normal
04 Sep Normal Normal Normal
COMMENT: Good HF conditions expected next three days.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
01 Sep 12

Observed Australian Regional MUFs:
Darwin: depressed 30% 04-06UT, near predicted monthly values
at other times.
Townsville: near predicted monthly values, spread F local
night.
Sydney: enhanced 10-30%.
Hobart: near predicted monthly values, spread F local night.

Predicted Monthly T index for September: 9

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
02 Sep 10 near predicted monthly values
03 Sep 10 near predicted monthly values
04 Sep 10 near predicted monthly values

--
IPS Radio and Space Services | email: asfc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/asfc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
tel: +61 2 94148300 | fax: +61 2 94148331

2114. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <50d7ls$vl@anomaly.ideamation.com>
Source record: 217815

In article <50csc2$ffe@news.ais.net>, <carl@ais.net> wrote:

>And they think their views should be the law of the land. (after all,
>that's the 'natural' way ... the way God intended it, right?)

Funny, but you don't believe in a code test, and you think eliminating
the code test should be the "law of the land".

Seems hypocritical of you to be condemning people for their beliefs when
you yourself are guilty of the same action.

MD
--
--
-- "I have more guns than I need, and less guns than I want." -- Phil Graam
--
-- If you don't like my opinions, that's just too damn bad.

2115. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <50d76s$uh@anomaly.ideamation.com>
Source record: 217816
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <50cr0b$ffe@news.ais.net>, <carl@ais.net> wrote:

>I passed the code test ... just don't want to use it and think it is
>very bad policy to FORCE anyone to learn it if they don't have interest.

I really have little interest in building my own radio gear, and I think
its very bad policy to FORCE anyone to learn it if they don't have
interest.

Yup, works for me.

>The arguments like "if we drop the code, next we'll drop the theory" are
>flawed because the FCC will not drop theory testing in the interests of
>preventing interference to other services.

I keep hearing this, but evidence shows otherwise. For one thing, one
doesn't have to take a "theory test" to get a commercial license for,
say, the 150mhz public safety band. I didn't have to take a theory
examination for my Ship/Aircraft Radio Station License. Why would
"interference" originating from the amateur service, where most
people operate with commercial radios built within specified tolerances,
be any different than one of those services where I can operate a
radio yet not have any idea if I'm causing "interference" within another
service.

>The FCC has considered CW
>irrelevant for years ... it's the ARRL and other counter-progress groups
>who orchestrated letter-writing campaigns against dropping the code.

Perhaps you can detail for me the evidence which suggests that the FCC
cares one way or the other about the CW requirement, and give me a list
of all those "counter progress" groups.

MD
--
--
-- "I have more guns than I need, and less guns than I want." -- Phil Graam
--
-- If you don't like my opinions, that's just too damn bad.

2116. Re: ### Motorola AP50 - Looking for Mods

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: scam@siu.edu
Message-ID: <scam-0109961852160001@port132.aixdialin.siu.edu>
Source record: 217817
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner

In article <50b4lg$s0n@insosf1.netins.net>, johnmxl@netins.net (John Amdor III) wrote:

>Hi Edwin...
>
>Haven't been to IRC #hamradio for a while...how are you?
>
>What is an AP-50? Is it a Motorola ham rig?
>
>John KD6MXL
>johnmxl@netins.net

It's a Motorola ham rig. Unavailable in the US, unfortunately, although I may have a few pretty soon to get rid of. I thought the thing was broadbanded, so I wonder what mods he needs...

>
>EdwinT@cyberway.com.sg (Edwin Teh, 9V1ZY) wrote:
>
>>Does anyone have any mods for the Motorola AP50 (Standard/Compact).
>>Please email them to me at edwint@cyberway.com.sg
>>Thanks.
>
>>73 de 9V1ZY
>
>>--
>>EdwinT@cyberway.com.sg -[Standard Disclaimers Apply]-
>
>> Now Faith is a substance of things hoped for,
>> the evidence of things not seen. [Heb 11:1]
>
>> As Email can be altered electronically,
>> the integrity of this communication is not guaranteed.

Scott A. Manthe
E-MAIL: scam@siu.edu
Protect your privacy,
use PGP.

2117. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <50dbcu$38d@lehi.kuentos.guam.net>
Source record: 217818
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

carl@ais.net wrote:

> The FCC has considered CW irrelevant for years

To borrow a phrase from you, Carl, close but no Ceeegar.

The FCC has considered Amateur Radio irrelevant for years.

73, Jim KH2D

2118. 3 arrested in Arizona for interfering with police frequencies

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: barry@indirect.com
Message-ID: <50db7g$847@globe.indirect.com>
Source record: 217819

The full story is on the home page of the Arizona Repeater Association
http://www.indirect.com/www/ara

2119. Re: Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <50d8lj$12g@anomaly.ideamation.com>
Source record: 217820

In article <50d15m$ffe@news.ais.net>, <carl@ais.net> wrote:

>because we firmly believe it's necessary for the
>survival of ham radio and the preservation of our frequency allocations.

How will sticking a bunch of people on HF save our VHF frequencies?
Seems you'd want them on VHF.

Oops, forgot. You already have a VHF code-free test, and that one
didn't work to "save our bands", huh?

Perhaps you'll detail all the HF frequency threats for us, so we
can take up a letter-writing campaign.

>of a "lesser class" with respect to both hamdom and humanity in
>general, than he is, and therefore is ignorant and unworthy of
>expressing his views. (This trait seems almost universal amongst those
>who feel that maintaining the CW test is imperative.)

Funny Carl, but the personal insults you've directed at myself and
others seems to suggest that you're pretty much intolerant of other
people's views too.

Those who live in glass houses shouldn't throw rocks.

>I make no claim to knowing Drew, and will therefore disclaim any general
>endorsement of him, but his "What do you hear on HF?" examples are, to a
>VERY large degree, disgustingly accurate.

Drew lives in Florida. What would you expect listening to local HF talk
when you live in the state with the highest per-capita of the elderly?

But then again, Spew doesn't own a radio. In fact, Spew really isn't
a real person -- he's merely a cron task that randomly dumps garbage
here to troll for postings. I'm sure you've noticed the extensive
number of posts from him.

MD
--
--
-- "I have more guns than I need, and less guns than I want." -- Phil Graam
--
-- If you don't like my opinions, that's just too damn bad.

2120. Re: Which is better CB or Ham radio?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: kd1nr@anomaly.ideamation.com
Message-ID: <50db7n$14t@anomaly.ideamation.com>
Source record: 217821

In article <3228CDE1.4D3C@ccsnet.com>, Burt Fisher <k1oik@ccsnet.com> wrote:
>Mike Adams wrote:
>
>> Isn't CB radio much better and cheaper?
>
>It is cheaper but so is the character of the people.

Burt,

This is a switch! Are you actually saying that there are hams that don't
have severe character flaws?

Tony

--
== Tony Pelliccio, KD1NR
== As offensive as I wanna be.
== kd1nr@anomaly.ideamation.com

2121. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <50d88q$11o@anomaly.ideamation.com>
Source record: 217822
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <1996Sep1.081558.19222@ke4zv.atl.ga.us>,
gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>It is interesting to note that the 48% internet able figure quoted above
>is significantly below the 70% figure recently reported for the general
>amateur population.

Only if the same definition of "internet-able" was used in both instances,
and if the timeframe under which the survey was conducted was the same.

In the first case, we don't know the definition of "internet-able" for
both studies -- for instance, is "packet" considered "internet-able",
since one can receive e-mail through a Inet<>Packet gateway?

In the second case, the tremendous growth of the Internet means that
more and more people are "getting connected" on a daily basis. This
large growth could significantly skew the results of one survey over
the other, depending on the timeframe under which each was conducted.

MD
--
--
-- "I have more guns than I need, and less guns than I want." -- Phil Graam
--
-- If you don't like my opinions, that's just too damn bad.

2122. Re: 3.88 MHz sounded like CB tonight. Yuck

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: frenchy@travel-net.com
Message-ID: <50b3a9$67h@reaper.uunet.ca>
Source record: 217823

billhar@spaceworks.com (bill harris) wrote:

>>First time in a while, I was tuning around the 80 meter band with an
>>old general coverage SW receiver, and heard some people arguing and
>>insulting and idle threats being tossed about. Even someone played
>>music for a minute or so. Had to check that I had tuned 3.88 MHz
>>instead of 27.something it was so bad.
>
>The reason this frequency sounded like CB is because the operators
>you heard were CBers. They are CBers who just happen to have an
>amateur license, but they are not hams. Hams don't act that way.
>
>Bill - K5MIL

I agree. That's why I sold my CB. I didn't want to be associated to
that crowd.

2123. FREE: Megalist! Parts, kits, radios, tubes,xtals, accessories SOURCES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: bry@mnsinc.com
Message-ID: <50di50$3a@news1.mnsinc.com>
Source record: 217824
Cross-posted to:
rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.shortwave

No catch! No mailing lists. No sale or giving out of your e-mail address or
any other personal info. This is totally free for the taking!

Our third year of free service to the Amateur community. = AF4K = G3XLQ =

Re: MEGALIST
The massive FREE listing of Parts, Tubes, Kits, QRP,
dealers, suppliers, surplus, electronic goodies.
YOU name it! If it is for ham radio, shortwave radio,
computers or electronics hobbyists and designers, you
can't afford to be without this easy reference!

FINALLY! After 3 years there is a MEGALIST HOME PAGE!

You can get the latest files & updates from:
http://www.mnsinc.com/bry/index.html

THIS is the HOME PAGE where you will get the MOST UP TO DATE files!
Give it a try!

These files are also available via e-mail by sending the
following commands, in the body of an e-mail, to:
listserv@lehigh.edu

GET QRP-L/COMPONENTS TUBES.TXT
GET QRP-L/COMPONENTS XTALS.TXT
GET QRP-L/MISC DEALERS.TXT
GET QRP-L/MISC MANUALS.TXT
GET QRP-L/MISC MEGALIST.TXT

They are also available via anonymous FTP from ftp.lehigh.edu

ftp://ftp.lehigh.edu/pub/listserv/qrp-l/components/tubes.txt
ftp://ftp.lehigh.edu/pub/listserv/qrp-l/components/xtals.txt
ftp://ftp.lehigh.edu/pub/listserv/qrp-l/misc/dealers.txt
ftp://ftp.lehigh.edu/pub/listserv/qrp-l/misc/manuals.txt
ftp://ftp.lehigh.edu/pub/listserv/qrp-l/misc/megalist.txt

Additional locations:
http://oak.oakland.edu:8080/pub/hamradio/docs/misc/megalist.
http://qrp.cc.nd.edu/QRP-L/index.html
http://www.nd.edu/~shideg/
http://www.innotts.co.uk/~asperges

Also via BBS sources:
(301) 681-7782, (301) 942-2218, (301) 299-3292, (301) 563-1306

(301) 417-6952, (202) 619-1494, (202) 208-7679, (301) 933-8251

DOWNLOAD as MEGALIST.ZIP or individually as:
megalist.txt
manuals.txt
dealers.txt
tubes.txt
xtals.txt
========

Send all additions, corrections and updates to:
brybry@juno.com (Brian Carling, AF4K)

brybry@juno.com
http://www.mnsinc.com/bry/index.html
TRY MY WEB-SITE please!

2124. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <50dldn$1kd@anomaly.ideamation.com>
Source record: 217825
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <50dd6c$oak@news.ais.net>, <carl@ais.net> wrote:

>I guess you had a hard time with the written test, huh?

How can someone have a "hard time" with a test where the answers are
all known in advance?

>First, amateur gear is NOT "type accepted" by the FCC as is commercial
>mobile radio gear.

It still performs within published tolerances. And, wasn't there a
story a few months ago that indicated that companies that sell
modifiable ham gear had to have it type accepted for the other services
it could be used in?

>Second, in the commercial bands, users do not have access to the
>controls that determine transmitter frequency, power, etc.
>limited channel selection from a group of frequencies that the user is
>licensed to use ... most land mobie users are authorized for one channel
>pair ... or for a trunked system).

Most VHF+ users are limited to their power output -- "low" and "high",
determined by the button on the front of their radios. According to another
thread here a month ago, they are also limited to a predetermined number
of channels, usually in 5khz steps on their VFO.

>Third, land mobile users do not adjust and maintain their own gear ...

Neither do most amateurs. They box it up and ship it UPS back to the
manufacturer's service center.

Maybe we should have a "fill out the UPS form" practical examination
in place of the CW test?

>That's the point ... the FCC couldn't care less about maintaining the CW
>requirement

You stated that the FCC considered CW "irrelevant". That's a big
difference from having no stance whatsoever.

>Fact.

Opinion, actually.

MD
--
--
-- "I have more guns than I need, and less guns than I want." -- Phil Graam

--
-- If you don't like my opinions, that's just too damn bad.

2125. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <50dlun$1m1@anomaly.ideamation.com>
Source record: 217826

In article <50dchp$oak@news.ais.net>, <carl@ais.net> wrote:

>NOTHING should be "the law of the land" unless it's ABSOLUTELY
>NECESSARY for there to be a law saying it is.

No argument there.

>Not mandating an unnecessary testing requirement does not constitute
>making something "the law of the land" ... laws are ACTIVE things
>REQUIRING some action or PROHIBITING some action.

Removal of a law is a positive, or active, action on your part.

RF is a limited, natural resource. The government must establish
guidelines for its effective use.

MD
--
--
-- "I have more guns than I need, and less guns than I want." -- Phil Graam
--
-- If you don't like my opinions, that's just too damn bad.

2126. Tele-Connect 850

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: Steemer <stanl@primenet.com>
Message-ID: <50dmfb$obd@nnrp1.news.primenet.com>
Source record: 217827
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I recently bought a "Tele-Connect 850" at a hamfest for $10. Its quite old, but it looked like it was worth playig with...so I bought it. Has anyone heard of this Phone Patch? If you have, could you tell me what you think of it? Is it worth trying to fix?

I have also heard that the process that is used to decode DTMF's is an important factor as to how reliable it will be. I was wondering if anyone knows what process is being used here. Is it reliable one? When I say reliable, I mean I don't want to see it turning on half the time when someone is talking, and I don't want to push the DTMF 5 times to get it to activate.

Stanl

2127. Morse training programs?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: mista.moron@mail.link.no
Message-ID: <50dmtr$9jv@lex.zippo.com>
Source record: 217828

I'm considering to get a ham licence, and since this here in No-way means that I have to learn morse, I was wondering if there is any morse training programs for DOS/Windows 3.1 available, preferably PD/shareware.
I also wonder if there is possible to get some kind of automatic morse decoding programs, so I could connect the receiver (and maybe also a transmitter) to the computer (ie. via the soundcard or a simple home-made interface) so I could receive (and maybe also xmit) morse as text on the screen.

Mista Moron
mista.moron@mail.link.no

2128. Re: ARRL "Representation"

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: roland.stiner@hobbs.com
Message-ID: <8C78242.0029006AD8.uuout@hobbs.com>
Source record: 217829

To: carl@ais.net
Subject: Re: ARRL "Representation" on code and other issues

C>OK ... for what price? $5 a copy? At that price, the "membership"
>amounts to a discounted subscription. That is a good deal for readers
>(financially), but a bad deal for the "subscriber-only-members" who feel
>that the ARRL is NOT representing their desires and interests and for
>the majority of US hams who are NOT "members" in any sense.

I am one of those. I joined for two reasons: QST and the outgoing QSL
buro-period.

OLX 1.53 --------------> 73, de NK2U <----------------
* Origin: CyberNet BBS Lyndhurst, NJ (1:2604/151)

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The Roy Hobbs BBS |_____| |__|_____}
Moonachie N.J. 201.641.3126 ooooo oo ~ ooO-O-O-O == ��\
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2129. Re: Who Do You Hear on HF

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: roland.stiner@hobbs.com
Message-ID: <8C78568.0029006AD9.uuout@hobbs.com>
Source record: 217830

To: AC6V@ix.netcom.com
Subject: Re: Who Do You Hear on HF?

A>You forgot number 5

A> 4) YOUNGE SQUIRTS spending endless hours complaining about OLDE
>FAHRTZ!!

A>Somehow your gross generalizations forgot to mention the maritime mobile
>nets, the emergency communications during real disasters, the
>international goodwill conducted on the bands daily, the enormous
>dissemination of technical information, the National Traffic System, aid
>to Servicemen, and MARS.

A>The Olde Fahrtz can tell you a thing or two about history and
>achievement -- because they made it all happen. The last 80 years are
>the pinnacle of achievement for this nation -- and the Olde Fahrtz did
>it all (and still are) -- from medicine to the moon. They have conquered
>diseases, fought the nations wars, hurled mankind to the moon, raised
>YOUR standard of living to unbelievable heights.

A>It will be interesting to see how well you Young Squirtz do, you have a
>tough act to follow OM!!!

Excellent rebuttal!

OLX 1.53 --------------> 73, de NK2U <----------------

* Origin: CyberNet BBS Lyndhurst, NJ (1:2604/151)

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http://www.intac.com/~cono ___,-----.----+_________#_
The Roy Hobbs BBS |________| |__|__________}
Moonachie N.J. 201.641.3126 ooooo oo ~ ooO-O-O-O == ��\
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2130. Re: Radio Shack Duobander?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: "Jim.Gyer%1": 2619/211.9;
Message-ID: <f8f_9609062046@woodybbs.com>
Source record: 217831

To: Jim Gyer%1:2619/211.9%12:320/100.666
From: docjim@getnet.com (Jim Gyer)
Subject: Re: Radio Shack Duobander?
Organization: Just my little old self

Yes, people at their stores are saying it. Heard it from several
different stores. It will be a handy talky version similar to the (2
meter only) HTX-202 model they sell now. They have an internet home
page at: http://www.tandy.com

Best Jim Gyer KC7RKL (docjim@getnet.com)
==========

Terrill <n6eed@mail.vividnet.com> wrote:

>I heard another ham on a repeater today saying Radio Shack is coming out
>with a 2m/220 duobander. Any info on that? Yeah or Nay?

>terry/n6eed

Origin: Usenet:Just my little old self (1:2619/211.9)

Origin: Gateway ARNet <-> HamNet by HB9EBW (12:320/100.666)
--
|Fidonet: Jim Gyer%1:2619/211.9 2:301/249.666
|Internet: Jim.Gyer%1:2619/211.9
|
| Standard disclaimer: The views of this user are strictly his own.

2131. Re: HELP: IS PC SWITCHING POWER SUPPLY OK???

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: "Jim.Gyer%1": 2619/211.9;
Message-ID: <f93_9609062046@woodybbs.com>
Source record: 217832

To: Jim Gyer%1:2619/211.9%12:320/100.666
From: docjim@getnet.com (Jim Gyer)
Subject: Re: HELP: IS PC SWITCHING POWER SUPPLY OK???
Organization: Just my little old self

No problem with switchers per se, but pirateing a computer supply is
not without its problems.

All switchers require a minimum load. In many computer supplies its
the fan. Some assume some minimum load on the mother board. They go
out of regulation or stop oscillating and smoke with less than the
minimum current draw.

My ICOM IC740 has the optional built-in 13.8 volt supply and it works
fine but it was designed for communications.

There is a big difference between 12 volts and 13.8 volts. In the
case of my Radio Shack HTX-202 2 meter handy-talky it's 6 Watts at
13.8 and 5 W at 12.0. That's a 20% drop in power. Most mobile
equipment assumes a vehicle with a running alternator which is where
the 13.8 value comes from.

Best
Jim Gyer KC7RKL (docjim@getnet.com)
==========

bry1@erols.com (Bry) wrote:

>The other bad problem with many of those old switcher power supplies is
>that they generate a lot of RF hash!

>ehoffman@total.net (Big Boy) scribbled:

>|I have a old crap 8088 'tole box' as you can say! With the power supply.
>It's
>|rated 7Amp at 12 Volts but i'm wandering if i can use it to supply my mobile
>|(used as a base) 13.8V tranceiver unit. I dont know much of switching power
>|supply technology and i want to know if it's safe. The problem may be when i
>|switch from RX to TX and from TX to RX... could there be a fatal burst of
>|voltage? Or peraps with a big cap, like 22 000uF, at the exit i can control
>|those peek?

>|Unfortunately, i dont have an scope to make charge test.

>|E-mail me on that please...

>|Thanks and 73 to all readers

```
>|---------------------------------------
>|"640K will be ok for everyone..."

>|Bill Gates '82
>|---------------------------------------

# Origin: Usenet:Just my little old self (1:2619/211.9)

# Origin: Gateway ARNet <-> HamNet by HB9EBW (12:320/100.666)
--
|Fidonet: Jim Gyer%1:2619/211.9 2:301/249.666
|Internet: Jim.Gyer%1:2619/211.9
|
| Standard disclaimer: The views of this user are strictly his own.
```

2132. Re: Amateur Radio Newsline finance, donations at hamfest

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: wa2ise@netcom.com
Message-ID: <wa2iseDx11pI.LGp@netcom.com>
Source record: 217901

The TRW radio club (here in the LA area) was accepting donations for Newsline at the hamfest (held monthly, last Saturday of each month).

Gave them $5.

This could be a reasonable idea for other ham clubs who stage hamfests, to have a box for Newsline donations. Assuming no legal issues.

2133. Re: Which is better CB or Ham radio?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: wrt@eskimo.com
Message-ID: <3228d938.15480051@eskinews.eskimo.com>
Source record: 217902

101345.3552@compuserve.com (Mike Adams) wrote:

>I'm totally confused after reading all of the posts here on the Usenet
>groups. What is the difference between ham and CB radio? Do you need
>a license to be a ham?
>
>Isn't CB radio much better and cheaper?
>
>Just wondering.
>
>Mike
>

CB'ers and hams both use radio to communicate with others, but the differences are quite large. CB is limited to very low transmitter power and a small band of frequencies, so normally the distance one can talk is not great - typically 10-20 miles or so. Sometimes "skip" allows communication out to a few thousand miles, but the interference is often severe. CB was not intended to be a hobby, but a lot of people use it that way.

Ham radio, in contrast, IS a hobby. Hams are required to have a license, but in return are allowed to use more frequencies, more power and more types of modulation. Worldwide communication is possible nearly any time of the day or night. There's a lot more to it, so if you're interested, point your browser to http://www.arrl.org/ and check it out. I've been a ham for 39 years and still enjoy it every day.

73, Bill W7LZP
wrt@eskimo.com

2134. Re: Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-01 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <50aoso$l3b@lehi.kuentos.guam.net>
Source record: 217903

VUBS79A@puberty.com (Spew Durigan) wrote:

>Who do I hear on HF?

Come on Spew, you don't hear anybody on HF. You don't have
a radio.

2135. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: Rich Griffiths <richg@one.net>
Message-ID: <322AD0D6.2608@one.net>
Source record: 217654
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Cliff-s wrote:
>
> Gary Coffman <gary@ke4zv.atl.ga.us> wrote in article <
> > Indeed, the 50 watt categorical exclusion has no scientific basis. <snip>
> > But contrary to your idealistic opinion, that is how laws are made.
> >
> > Gary
> >
>
> Gary:
> If the HT's and Mobile Antenna were outlawed one group
> would be very happy thats the crooks.
> The way of real life, Ignore the Science, Ignore the facts,
> play the Politics. Unfortunately all too true.
>
> Cliff, W7VVA

I think this assertion ignores the facts. The fact is that the FCC cited a substantial scientific basis for its ruling. That that basis is questionable merely makes it like much of the rest of science. The FCC itself noted that scientific opinions differ on the effects of exposure to EM fields. We may disagree with the science; we may try to discredit the science; but it is wrong to claim that the FCC ignored it.

You must also allow that other facts -- not science, but facts nonetheless -- may have entered this decision. Laws must be practical and enforceable. This one will not be easily enforced, but the 50-Watt exclusion helps. Such "small quantity" exclusions have been used before. For example, in the regulations on leaking underground storage tanks, the EPA from day one excluded buried home-heating oil tanks smaller than 500 gallons and most farm storage tanks. It's not that they weren't part of the problem. It's that dealing with the 1,000,000-plus commercial and industrial installations was enough of a problem. In the RF exposure case, surely some of the less-than 50-Watt installations may be problems, and many of the more-than 50-Watt installations will not be. But 50 Watts strikes me as a reasonable dividing line if you want to establish a criterion for exclusion.

Now what about the meaning of this to hams? Is the ruling so burdensome? I don't think we know as yet. But I've made a few field strength readings before. And I've prepared a few dozen environmental impact statements. I don't think this is going to be a big deal.

Rich W2RG

2136. IC 740 full coverage

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: antalick <antalick@ixl.u-bordeaux.fr>
Message-ID: <322B4AC1.1877@ixl.u-bordeaux.fr>
Source record: 217655

Does anybody know how to modify an ICOM IC 740 to be, if possible,
full coverage, at least on the receiver side.
Many thanks from Bordeaux France
Roland F6ANF

2137. IARU/FCC QSO Regulations (was: Who Do You Hear on HF?)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: n4jvp@ix.netcom.com
Message-ID: <322ae6e9.1227568@nntp.netcruiser>
Source record: 217656

Hi y'all
To my knowledge there is no requirement that a conversion between two parties has to be of interest to a third party. If two people want to discuss the weather, medical problems, winsock programming or whatever, what is wrong with that as long as both parties consider the subject of interest? I was unaware that the QSO had to be of interest to anyone who might be copying the mail. If this is the case would someone kindly inform me where I can find a listing of topics that are of interest to ALL even though they are not actively involved in the conversation?
I am 42, grey-haired, going bald and have been a ham for over twenty years, does this make me an old fart?

73 de n4jvp
Fritz

2138. I.P.A.R. Info (CANADA)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: subbustr@whidbey.net
Message-ID: <50eria$7gc@news.whidbey.com>
Source record: 217657

I'm located near Victoria, BC and need info concerning the IPAR net?
Repeater freqs, cost, who can I write too..etc ect...I hear it's link to Nfld!
Lot of friends on the East cost ....Thanks dave..
Plse email direct w/ info...

BTW- Yes, I'm in the USA (Canadian Navy) 2hr from the boarder.

Oak Harbor, WA USA
Ham Radio - VE7-LFA/W7
subbustr@whidbey.net

2139. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: John Nelson <johnn@pacifier.com>
Message-ID: <322B01D8.55E6@pacifier.com>
Source record: 217658
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Michael P. Deignan wrote:

> I really have little interest in building my own radio gear, and I think
> its very bad policy to FORCE anyone to learn it if they don't have
> interest.
>
> Yup, works for me.

Again, when was the last time YOU built your own vacuum tubes, capacitors,
etc?
>
> I keep hearing this, but evidence shows otherwise.

What does the "evidence" show?

> For one thing, one
> doesn't have to take a "theory test" to get a commercial license for,
> say, the 150mhz public safety band. I didn't have to take a theory

Right, because type accepted equipment for that band is channelized. Hardware
modification must be done by licensed technicians.

2140. Need help drivingving transverter from TS690

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: dit@dylan.isltd.insignia.com
Message-ID: <50es39INN2rm@dylan.isltd.insignia.com>
Source record: 217659

I want to drive a 2m transverter from my Kenwood TS-690.

Problem 1. The transverter only needs a few mWatts, but the
transceiver won't go lower than 10W.

Solution 1. Use an attenuator. Apart from being wasteful
(heating up my room uneccesarily) I guess you need some
switching to keep it out of the circuit on receive.

Solution 2. Use the ALC input on the accessory connector.
This is suuposed to be used by a linear to control the
drive level, and (apparently) can turn the output down
to a few mW as require.

New problem. How do I use the ALC input. I saw this months
ago somewhere, but can no longer find it.

Please e-mail any answers, suggestions or follow ups directly
to me (as well as the group, if relevant) as my news feed is
expired more frequently than I can read this list :-(

Thanks

David
G0SYA
Answers, other suggestions and any follow ups by e-mai

2141. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: agray@voicenet.com
Message-ID: <322AF7C3.607D@voicenet.com>
Source record: 217660
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

carl@ais.net wrote:
>
> In <3229B5F9.7213@voicenet.com>, agray@voicenet.com writes:
> >> In <32288A8D.4514@voicenet.com>, agray@voicenet.com writes:
> >> >Carl-
> >> >
> >> >Just out of curiosity, would you care to assign a number to that "lots"?
> >> >It seems reasonable to ask what you mean by the term when you ask others
> >> >to accept it as part of your argument.
> >> >
> >> >Alan, W3BV
> >>
> >> Lots ... as in hundreds of thousands. Is that clear enough?
> >>
> >> Carl - wa6vse
> >> carl@ais.net
> >
> >
> >Carl-
> >
> >No, that's not clear enough. Your "hundreds of thousands" still seems
> >pretty imprecise and largely based on speculation. Don't we really need
> >to get an estimate from someone competent in the field (i.e., someone
> >with marketing expertise) in order to know how big the group of new
> >equipment buying hams needs to be in order to represent a viable
> >economic force before we can conclude that there is "strength in
> >numbers" (you argument must be based on economics; you surely can't be
> >suggesting that "hundreds of thousands" of hams represents any political
> >force).
> >
>
> Alan,
>
> It's not how many hams are spending how many bucks per year on ham gear
> .. that'd rank rather low on the FCC's list of ranking criteria.
>
> Public interest value ~= (Users_per_MHz)*(Value_of_user_activity)
>
> Our value, historically, has been in public service activities and in
> maintaining a pool of technically-skilled communicators.
>
> You have to get the idea of what "the public interest" constitutes ...
> it's not economics ... it's more like "what's the intrinsic VALUE (where

> value is not entirely, or even necessarily, measured in dollars) of this
> use of the spectrum."
>
> Therefore, even if the Value_of_user_activity stays constant in the
> equation above, if the Users_per_MHz increases, the public interest
> value increases, too.
>
> We need to increase BOTH terms to the right of the ~= in the above
> equation to reach a point where the public interest value is sufficient
> to ensure our long-term survival ...
>
> Think about it ... in today's world of cars, trucks, airplanes, and
> space shuttles, there's not a lot of demand for blacksmiths, right ???
>
> The ham community is rapidly becoming the "blacksmiths" of the
> electronic age ... and the ARRL and the "CW forever" group are telling
> the FCC "This is what we want ... this is where we demand to remain."
>
> That's pure techno-political suicide.
>
> Carl - wa6vse
> carl@ais.net

You can try to convince us that the public service aspects of amateur radio will keep the service alive but most of us already know better.

If we,as a group, don't spend enough on new equipment and related materials to keep the ham manufacturers alive and well, the amateur service will die off quickly. That's a big part of the problem we're seeing right now. A growing number of amateur manufacturers are in financial trouble; more and more amateur dealers are gone or on the way out of business- all symptoms of the current poor health of amateur radio.

2142. WTB: Low Output or Dead Power Transmitting Tubes - Dead or Dying (duds)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: jim.b@okisemi.com
Message-ID: <jim.b.34.00082282@okisemi.com>
Source record: 217661

I want to buy dead power transmitting tubes. Tubes must not be broken or physically damaged. I'm interested in tubes with power dissapations 250 watts to 10,000 watts. Let me know what you have and I'll give you a quote.

73s

Jim Bieberich
WA6WJI
San Jose, CA

2143. Re: IARU/FCC QSO Regulations (was: Who Do You Hear on HF?)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <50ev3t$3td@jupiter.planet.net>
Source record: 217662

> n4jvp@ix.netcom.com (A.G. von Luternow) writes:
> Hi y'all
> To my knowledge there is no requirement that a conversion
> between two parties has to be of interest to a third party. If two
> people want to discuss the weather, medical problems, winsock
> programming or whatever, what is wrong with that as long as both
> parties consider the subject of interest? I was unaware that the QSO
> had to be of interest to anyone who might be copying the mail. If this
> is the case would someone kindly inform me where I can find a listing
> of topics that are of interest to ALL even though they are not
> actively involved in the conversation?
> I am 42, grey-haired, going bald and have been a ham for over
> twenty years, does this make me an old fart?
>
> 73 de n4jvp
> Fritz

actually you left off the part about listening in with no radio or
copying the mail with no radio and a complete inability to copy code

and BTW YES you are (according to the mntal wizards who frequent the internet)

steve

2144. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: brian@nothing.ucsd.edu
Message-ID: <50ev5i$a5s@news1.ucsd.edu>
Source record: 217663
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>I'd suggest ignorance is recomending using an unsuitable $500 radio
>to do the job of a $100 data radio.

Gary, as you very well know, the problem isn't just ignorance.
It is not helpful to criticize someone for not knowing something.

The man bought the wrong radio, probably after spending a number of
hours agonizing over the expense, and asking around and getting opinions
from his buddies. Now he feels honor-bound to defend his choice.

What's sad here is that neither he nor his buddies knew the correct
answer - but there is no shame to him in not knowing. What's wrong
is that there are still people who don't know that the so-called
'9600 baud ready' radios generally aren't.

The shame is on the manufacturers who are duping people into buying
equipment which is unsuitable (or actively harmful) to the mode.

I would challenge TAPR, the ARRL, and any of the large packet clubs
to make it a point of honor to publish articles explaining WHY those
radios aren't suitable, and perhaps even to provide test data of
each of the various offerings.

I have not read any equipment reviews of any of the '9600 ready' radios
in QST or elsewhere. Have any of those reviews mentioned T/R delays
or PLL sweeping? Do the test labs even check those items?
- Brian

2145. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <50evqa$1q0@dfw-ixnews4.ix.netcom.com>
Source record: 217664
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In <5074ih$nj0@abyss.West.Sun.COM> myers@West.Sun.COM (Dana Myers)
writes:
>
>In article <cgreenha.621.3227010A@magnus.acs.ohio-state.edu>,
>Christopher K. Greenhalgh <cgreenha@magnus.acs.ohio-state.edu> wrote:
>>In article <5052ke$dmd@abyss.West.Sun.COM> myers@West.Sun.COM (Dana
Myers) writes:
>>
>>>>Ignorance is Bliss!!!! And no excuse for running inadequite radios
on
>>>>the network.
>>
>>>Isn't that essentially what I said? ;-)
>
>>I would like to offer my apoligies to Rob and Dana for not entering
into a new
>>field with the absolutly best equipment money can buy on the planet.
>
>What is with the patronizing attitude?
>
>Someone asked if PLL radios are suitable for 9600 baud.
>
>You authoritatively answered "Yes, my Kenwood works flawlessly".
>
>Several people disagreed with you, and you argued with them,
continuing
>to claim your radio works flawlessly.
>
>No one, certainly not me, is saying people should start out with the
>very best equipment possible - that's your own red herring argument.
>
>If someone is starting out, they're best off if they select the
>equipment that works well with a minimum of fuss. This doesn't
>mean they have to spend a lot of money - a Tekk radio sells new for
>something like $100 and is ideal for 9600 baud, but a fancy
>Kenwood sells new for something like $400+ - but it does mean
>they should practice some care in the selection of equipment.
>
>There's really no need to become patronizing, Chris.
>
>--
> * Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and
should *

> * (310) 348-6043 | not be interpreted or represented as
*
> * Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc.
*
>

Dana,

Don't take Chris too seriously he doesn't take to education too well.

Trying to educate Chris is kind of like trying to teach a pig to sing
it can't be done and it just annoys the pig. You and Gary and others
have experience and knowledge to offer don't waste your time on those
who will not hear.

I did find it interesting that a computer tech (from Chris's sig line)
does not understand collisions and service times better than he seems
to. I learned these lessons on a MicroVax I when I tried to lengthen
the disk drive data cable. The strobe reflections would take the entire
machine down.

We tend to use old Motorola rock bound radios for our 9600 baud stuff
as they are very stable and you can drop a truck on them. The test
points at the discriminator and varactor just make it even easier.
They use a lot more power than the TEKKs but I like the stability.

Now I must retire and put on my flame suit for the "Liar, liar, pants
on fire" tirade that is sure to follow this post.

CUL 73 Jerry

2146. Re: Morse training programs?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: Thomas Foster <tlfoster@ix.netcom.com>
Message-ID: <322B2FA8.5EF3@ix.netcom.com>
Source record: 217665

mista.moron@mail.link.no wrote:
>
> I'm considering to get a ham licence, and since this here in
> No-way means that I have to learn morse, I was wondering if
> there is any morse training programs for DOS/Windows 3.1
> available, preferably PD/shareware.
> I also wonder if there is possible to get some kind of
> automatic morse decoding programs, so I could connect the
> receiver (and maybe also a transmitter) to the computer (ie.
> via the soundcard or a simple home-made interface) so I
> could receive (and maybe also xmit) morse as text on the
> screen.
>
> Mista Moron
> mista.moron@mail.link.no

Try my new Morse Code program, International Morse Code Processor
(IMCPW311.ZIP), at

http://www.simtel.net/pub/simtelnet/win3/ham/imcpw311.zip

Below are its major features:

Morse code tutor for Windows 3.1 & Windows 95. Excellent for learning
and maintaining one's Morse code skills. Provides code speed of 3-50 wpm
and character speed of 10-50 wpm for Farnsworth code. Includes
comprehensive help facility, main menu and popup menu, and eleven code
practice lessons. Fully customizable from the Options menu. Sound card
not required. Requires 692K of free hard disk.

73,
Lindsay
WA4ISZ

2147. Re: Amateur Radio Awareness Day Program

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: Ron Williscroft <Ron-Williscroft@worldnet.att.net>
Message-ID: <322B14A1.3FE9@worldnet.att.net>
Source record: 217666

Bill Gade wrote:
>
> Hello All...
>
> I am currently producing a program to air on local cable access on
> Amateur Radio Awareness Day. I am looking for any hams interested in
> being interviewed via the Internet.
>
> Hopefully we would be able to get voice segments from you using the
> Internet and something like Real Audio or True Speech. Please email me
> if anyone is interested...
>
> Thanks...
> Bill
> VE4WO
> SVRSS Media
> ve4wo@freenet.mb.ca

Bill,

What's wrong with this??? How about an interview via Amatuer Radio?

I don't mean to be sarcastic but I just find this quite ironic
considering the current discussion of the internet taking over where
Amatuer Radio once proliferated as the main means of distant
communications.

Could be a discussion topic for you to carry to your program.

Good Luck with the venture and if you need any local support give me a
buzz.

73's

Ron Williscroft
VE4QE
rewillis@fox.nstn.ca

2148. Re: IC 740 full coverage

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: thompson@atl.mindspring.com
Message-ID: <50f4qq$d44@mule1.mindspring.com>
Source record: 217667

antalick <antalick@ixl.u-bordeaux.fr> wrote:

>Does anybody know how to modify an ICOM IC 740 to be, if possible,
>full coverage, at least on the receiver side.
>Many thanks from Bordeaux France
>Roland F6ANF

Roland,

I spoke with at least two ex Icom employees about the IC740. You can
make it transmit on the WARC bands, but there is no general Coverage
conversion without extensive modification and then it would be cheaper
to get a later model (IC745, 751, 751A) with the general VFO.

My IC740 now works on the WARC bands, but I have a Yaesu for general
coverage. You do have 10Mhz for WWV time coverage and CHU Canada
is heard on 7333 Khz. Don't know about France.

73, Dave K4JRB

2149. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep2.165152.26974@ke4zv.atl.ga.us>
Source record: 217668
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <50ev5i$a5s@news1.ucsd.edu> brian@nothing.ucsd.edu (Brian Kantor) writes:
>I would challenge TAPR, the ARRL, and any of the large packet clubs
>to make it a point of honor to publish articles explaining WHY those
>radios aren't suitable, and perhaps even to provide test data of
>each of the various offerings.
>
>I have not read any equipment reviews of any of the '9600 ready' radios
>in QST or elsewhere. Have any of those reviews mentioned T/R delays
>or PLL sweeping? Do the test labs even check those items?
> - Brian

QST has started reporting BER measurements on radios claiming
"9600 baud ready". They first did that in an article explaining
their test procedures. Most recently they published results for
the shootout among dualbanders. The results have been almost
uniformly grim.

They don't appear to be specifically testing T/R delay or PLL
sweeping. That is a flaw in their testing paradigm. But since
BER is so uniformly grim, T/R switching time is a moot point.
PLL sweeping is a more universal flaw, affecting more than
packet performance. I would expect they would highlight such
a defect as a matter of course in their routine testing of
radios. But I don't recall seeing any mention of it in tests
of radios which I know do have the problem. Perhaps this is
something that should be drawn to the attention of the ARRL
lab.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2150. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: carl@ais.net
Message-ID: <50f9jk$nrs@news.ais.net>
Source record: 217669

In <50dlun$1m1@anomaly.ideamation.com>, kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:
>In article <50dchp$oak@news.ais.net>, <carl@ais.net> wrote:
>
>>NOTHING should be "the law of the land" unless it's ABSOLUTELY
>>NECESSARY for there to be a law saying it is.
>
>No argument there.
>

Glad you agree ...

>
>>Not mandating an unnecessary testing requirement does not constitute
>>making something "the law of the land" ... laws are ACTIVE things
>>REQUIRING some action or PROHIBITING some action.
>
>Removal of a law is a positive, or active, action on your part.
>

Since you agreed with the first statement above, why do you object to "putting things right" by eliminating an unnecessary restriction???

>RF is a limited, natural resource. The government must establish
>guidelines for its effective use.
>

Agreed ... but CW testing has nothing to do with that ... if they were to pass a rule (as they have recently done in the commercial services) mandating that no equipment be used in the amateur radio service unless it meets a spectral efficiency requirement of n bits/Hz (what n should be is, of course open to some discussion), that would be appropriate.

In fact, in the commercial services, the FCC has started doing exactly that ... diliberately diverging from mandating any particlar technology (SSB/FM/CW/AM/PSK, etc) but rather specifying things in terms of "your emmissions must be contained with the boundaries outlined by the following "mask" and must deliver transmission efficiency of n bits/Hz.

Carl - wa6vse
carl@ais.net

2151. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: carl@ais.net
Message-ID: <50fa3p$nrs@news.ais.net>
Source record: 217670

In <50ehgk$30r@jupiter.planet.net>, adell@planet.net (Steve - KF2TI) Landing, NJ writes:
>> carl@ais.net writes:
>
>
>>
>> Perhaps a more accurate assessment could be obtained by mailing a ballot
>> on the issue to EVERY licensed US ham, with the reqirement that it be
>> executed and returned or the license would be revoked? This would serve
>> two useful purposes ... 1) get a more representative view of the
>> opinions of ALL hams , and 2) afford the FCC a mechanism for purging the
>> license roles of all the Silent Keys and totally-inactive-couldn't-care
>> "hams."
>
>who pays for this undertaking. obviously the republican held government is not
>going to put up the big $$$. they're trying to sell off spectrum, not save it
>

I'd be happy to pay for the printing and postage costs involved in *my*
copy ... would you?

Hell, I'd finance a hundred copies at a dollar a piece.

It'd be worth it to have a shot at getting the FCC to realize that the
ARRL does NOT represent the majority of US hams ... the ARRL represents
the ARRL cronies, plain and simple.

>
>> This would still not be a perfect mechanism to decide yes or no on the
>> issue of keep/abandon the CW _testing_ requirement, because it would not
>> include the views of wannabe hams.
>
>this staement contridictes the above
>

How so???

>
>
>> The point is that it's the FCC's obligation to decide the future of ham
>> radio, not on the basis of what the ARRL and its "members" want, but
>> rather on the basis of what best serves the "public interest."
>
>again, the FCC could/federal government types could care less. As far as they are
>concerned, the ARRL represents amateur radio in this country.
>

My point exactly ... it's high time that that bubble of illusion was
burst once and for all.

>
>
> My view is that the public interest would best be served by a vital,
>> growing, technically-progressive amateur radio service, not a bunch of
>> increasingly senile old-timers whose primary interest is in protecting
>> "their" bands from newcomers and new modes that they can't comprehend.
>
>
>They join the ARRL, get averyone else to join and vote in a slate of directors that
>will meet your needs. Or start your own organization. Don't be one of those who
>constantly complains that therepublicrats are no good and should be thrown out, only
> to find that they never even voted in the election. Besides your contstant grousing
without offer even 1
>alternate solution is getting quite tedious. There are too many monday morning quarteback
/ arm chair
>generals already
>

I have repeatedly stated that I AM a "member" of the ARRL and that I
have voted whenever they've sent a ballot (which is damned seldom) ...
for what that's worth (a subscription to QST is all it's worth).

As far as starting an alternative organization, I'm seriously thinking
about it ... any (serious) suggestions for a name for it???

Carl - wa6vse
carl@ais.net

2152. Re: ARRL "Representation"

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <50fa4o$4mh@jupiter.planet.net>
Source record: 217671

> roland.stiner@hobbs.com (ROLAND STINER) writes:
>
> To: carl@ais.net
> Subject: Re: ARRL "Representation" on code and other issues
>
> C>OK ... for what price? $5 a copy? At that price, the "membership"
> >amounts to a discounted subscription. That is a good deal for readers
> >(financially), but a bad deal for the "subscriber-only-members" who feel
> >that the ARRL is NOT representing their desires and interests and for
> >the majority of US hams who are NOT "members" in any sense.
>
> I am one of those. I joined for two reasons: QST and the outgoing QSL
> buro-period.

the alternatives are many. (1) buy your QST from the local electronics store or book store
(2) use one of the several alternate outgoing buros that exist

simple solutions to simple problems for simple people

steve

2153. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: carl@ais.net
Message-ID: <50facd$nrs@news.ais.net>
Source record: 217672
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <JJO.96Sep2103604@ds10.tekla.fi>, jjo@tekla.fi (Jari Jokiniemi) writes:
>
>I would like to point out that I wrote about the _purpose_ of the
>exam, as I understand it. Not the actual content of the exam. I have
>seen the questions you have in a general class examination, thanks
>to one of my friends who took the test when he visited USA the last
>time. The examinations in USA and Finland seem to be pretty similar.
>
>

Jari,

Please satisfy my curiosity ... what's the code requirement in Finland?

Do you consider your national organization to be truly representative of
the views and interests of a majority of Finnish hams?

Do you have a reactionary "You're not a REAL ham if you don't love CW"
faction in Finland?

I'm genuinely curious ... please elaborate.

73,
Carl - wa6vse
carl@ais.net

2154. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: carl@ais.net
Message-ID: <50faku$nrs@news.ais.net>
Source record: 217673
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <322ADF2D.79EB@pop.erols.com>, Steve Ickes <thebizlk@pop.erols.com> writes:
>
>Amateur radio will have now more clout with five million, mostly
>incompotent licensees than it has w/current numbers. The answer is not
>more but better.
>

Again the ever-present assumption and assertion, with not a shred of
factual basis, that "If you don't do CW, you're incompetent."

At least I can spell "incompetent" ... and I believe you meant "...
no more clout ..." not "... now more clout ..."

Gee ... come to think of it, it looks like I can type better, too ...
how does one explain that? Is it the result of passing a 5wpm CW test
in 1975??? I think not!

Carl - wa6vse
carl@ais.net

2155. New Radio Website: MEGALIST + HAM RADIO + HOCKEY = Bry's Page!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: bry@mnsinc.com
Message-ID: <50fb4t$qja@news1.mnsinc.com>
Source record: 217674
Cross-posted to: fj.rec.radio,fj.rec.music.j-pop,fj.rec.idol,in.ham-radio,francom.radio_amateur,git.radio.amateur,ec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.shortwave,rpi.union.ham-radio,slac.rec.ham_radio

Set your browser to:

http://www.mnsinc.com/bry/index.html

LOTS of great radio information, lists, files.
Where to buy parts, kits, radios, electronics, surplus etc.
Totally free.

E-mail ONLY to - brybry@juno.com for now!
E-mail: brybry@juno.com
http://www.mnsinc.com/bry/index.html
TRY MY WEB-SITE please!
See if I look as ugly as you would expect!

2156. Re: Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: carl@ais.net
Message-ID: <50fbg5$nrs@news.ais.net>
Source record: 217675

In <50d8lj$12g@anomaly.ideamation.com>, kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:

>How will sticking a bunch of people on HF save our VHF frequencies?
>Seems you'd want them on VHF.
>

Point is, the removal of the code requirement will bring in larger numbers of otherwise qualified new hams ... both to the HF and VHF/UHF bands.

You have to be smart enough to realize that most people think of comunicating with people in distant places when they think of ham radio.

That means HF (OK, satellite, too ... but most beginners know about HF and don't yet realize that we've got satellites, too.)

People stay away because they don't like the requirement and the restrictions on their operating abilities that it imposes.
Nobody wants/likes to be classified as a "second class citizen."

>Oops, forgot. You already have a VHF code-free test, and that one
>didn't work to "save our bands", huh?
>

Not enough numbers yet ... and not enough VALUE in the USE ... we are simply not making good enough use of our bands in terms of users/MHZ .. or in quality of use ... and CW testing does not assure quality of use .. look at all the passed-the-CW-test lids on 14.3xx, for example.

>Perhaps you'll detail all the HF
frequency threats for us, so we >can take up a letter-writing campaign.
>

The threats will come in the future, after we've lost a few VHF/UHF bands and the no-code folks have given up in frustration because the CW-forever-establishment has been so short-sighted and narrowminded.

>>of a "lesser class" with respect to both hamdom and humanity in
>>general, than he is, and therefore is ignorant and unworthy of
>>expressing his views. (This trait seems almost universal amongst those
>>who feel that maintaining the CW test is imperative.)
>
>Funny Carl, but the personal insults you've directed at myself and
>others seems to suggest that you're pretty much intolerant of other
>people's views too.
>

I've responded IN KIND to the slurs and inuendo you and your compadres hurl at the "no-coders" and those with-code hams like myself who avocate the abandomnent of code testing.

>Those who live in glass houses shouldn't throw rocks.

If you can't stand the heat, stay out of the kitchen.

>>
>>I make no claim to knowing Drew, and will therefore disclaim any general
>>endorsement of him, but his "What do you hear on HF?" examples are, to a
>>VERY large degree, disgustingly accurate.
>
>Drew lives in Florida. What would you expect listening to local HF talk
>when you live in the state with the highest per-capita of the elderly?
>

Oh, come on! You can do better than that ... you don't seriously expect that anyone listening here will buy the argument that Drew only hears old fogies because he lives in Florida? HF doesn't cross state boundaries, huh??? Then it's like VHF, so we should have a code-free license there, too!!!!

BTW ... until this May, I was living in Florida ... I can assure you that the vast majority of old fogies I heard (as Drew said, "complaining incessantly about their health problems," etc.) were NOT locals.

Carl - wa6vse
carl@ais.net

2157. Amateur Radio: Elmers Resource Directory [A-D]

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: pschleck@novia.net
Message-ID: <radio/ham-radio/elmers/list/part1-1-841691882@novia.net>
Source record: 217676
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

Posted-By: auto-faq 3.3 beta (Perl 5.001)
Archive-name: radio/ham-radio/elmers/list/part1
Posting-Frequency: posted on the first Monday of each month
URL: http://www.novia.net/~pschleck/elmers/

-----BEGIN PGP SIGNED MESSAGE-----

Amateur Radio: Elmers Resource Directory

More information about this list can be found in the companion posting
to this file, "Amateur Radio: Elmers List Info and Administrivia."

73, Paul, KD3FU

- A -

John Ackermann AG9V

jra@lawdept.daytonOH.ncr.com -or- jra@ag9v.ampr.org

My primary interests are in packet radio network building
(particularly higher speed stuff) and TCP/IP. I've got quite a lot of
info on using the Kantronics D4-10 19.2kB radios, as that's the
hardware we've been struggling with here.

TAPR (Tuscon Amateur Packet Radio) has formed a special interest group
to discuss issues of regional packet networking (Net-SIG). As a
result, the TAPR net-sig mailing list was born, and is now ready for
operation.

This list is <not> intended to replace any of the existing
packet-related mailing lists. Its purpose is provide a medium for
communications among those interested in packet radio networking, both
dealing with technical issues and political/regulatory ones. We'll
discuss things like how the potential 219MHz band will fit into the
networking picture, how to link areas using different networking
schemes, how to set network parameters, etc. The list's charter will
be posted there regularly.

The address of the list is net-sig@tapr.org and you can subscribe by
sending mail to listserv@tapr.org with the text "join netsig".

Apart from subscribing to the list, you can contact me for further
details about the Net-SIG (including upcoming conferences).

Joint ampr.org IP Coordinator for Ohio subnet (44.070.xxx.xxx)

Please direct all correspondence regarding the assignment of ampr.org IP numbers in Ohio to:

ipaddr@ag9v.ampr.org

which is a mailing list read by a team of coordinators.

[Editor's note: All ampr.org coordinators are listed in the document at:

ftp://ftp.ucsd.edu/hamradio/amprnets

]

Chuck Adams K5FO

adams@sgi.com

Maintainer of Standardized Info Sheets on QRP Rigs

They are available from the QRP-L WWW Pages at:

* http://qrp.cc.nd.edu/QRP-L/index.html
* http://www.lehigh.edu/lists/Archives/qrp-l/ (on or after June 1, 1995)

Owner of QRP-L Mailing List

The QRP mailing list is open for discussion of any subjects relating to low-power amateur radio operation. Example topics: portable operation, equipment design and construction, solar and battery power, QRPp, contesting, kit building, etc.

This list was started by me with an announcement on the rec.radio.amateur.misc USENET group in early 1993. Bruce Walker, WT1M, maintained the mailing lists and FTP area from then through August 1994 on a system at Thinking Machines Inc., think.com. Then it was moved to qrp-l@netcom.com until May 14th, 1995. Thanks to Mike Ardai, N1IST, for all his hard work during the time that QRP-L was on netcom.com.

I am still the keeper of the non-electronic archives, including copies of some schematics, etc. Contact me directly or watch this list for more info.

To subscribe, send E-mail to:

listserv@lehigh.edu

and in the body of the message, write:

SUBSCRIBE QRP-L your_name your_call

where "your_name" is your real name, and "your_call" is your callsign, if any. For example:

SUBSCRIBE QRP-L John Doe K5FJZ

A welcome message with more detailed help will follow shortly.

To unsubscribe, type:

UNSUBSCRIBE QRP-L

Edward Addy KE0EG

eaddy@nacec.org

Executive Director, North American Center for Emergency Communications

After a large disaster strikes your community and your family, I am sure you will agree that its a little late to start building a massive rapid response, emergency communications system supported by thousands of people within companies, organizations and serving as volunteers to provide essential support services.

We are the North American Center For Emergency Communications Inc. (NACEC), a federally-registered non-profit organization serving North America since 1992. We have been developing a system that merges many different technologies to create a unique, high-capacity, rapidly-deployable solution to the problem of communications outages and shortages that occur following a large disaster. Our volunteer network in using the Internet as its communications backbone, is itself using one of the many technologies employed in NACEC's overall solution.

To help ensure the greatest possible effectiveness in as many communities as possible throughout North America, we are developing a very large volunteer network of community volunteers (Community Ambassadors) who work with our staff and their local communities. If you are community active and are interested in helping, we need your help, NOW. Please, don't wait until disaster strikes, help us to be prepared and be ready to assist your community.

The more communities that are represented by our volunteer network, the more effective we can be in disaster preparedness, emergency operations and in the area of emergency and military family message handling and delivery.

As a NACEC volunteer (Community Ambassador) you will assist with the movement of information that is vital to the continued success and growth of this organization and the survivability of your family and your community following a large disaster.

This project is growing rapidly, as we locate and add new dedicated volunteers from as many communities as possible from across North America. I hope you will join us in making this organization a

success.

To find out more about how you can get involved in this project and use your Internet skills to help your community, please review the information that is in our WWW Homepage area which can be found at:

http://www.nacec.org/

An electronic volunteer application form can also be found there as well. Should you have any questions, please address them to my E-mail address above.

Steven C. Affens K3SA

k3sa@access.digex.net

http://www.access.digex.net/~k3sa/steve.html

Maintainer of the CQ Magazine World-Wide Web Home Page:

http://www.access.digex.net/~cqmag/

(see also Rich Moseson)

David Alexander KG7ZQ, NNN0IID

dalex@eskimo.com

Navy MARS

Ali Ammar KE6YCJ

ali@ali.monterey.ca.us

http://www.10mb.com/ali/

AX.25: KE6YCJ@K6LY.#CENCA.CA.US.NOAM

Voice: +1 408 373-2526
FAX/Modem: +1 408 373-2534

898 Laine Street
Monterey, CA 93940

* ARES
* Batteries
* Field Day
* IBM PC's
* Internet Services
* Portable
* Scouting
* VHF

David Andrews ZL2SX

andrews@kai.ee.cit.ac.nz

I have been involved with the Amateur Radio International Travel Host scheme. I also chair the NZART Frequency Management and Technical Advisory Group, which is responsible for all repeater coordination and band-planning (LF, MF, HF, VHF, UHF, and above) in New Zealand. I would be pleased to answer any queries with regard to reciprocal licensing or frequency coordination that may arise.

Jeff Angus WA6FWI

jangus@skyld.grendel.com

I run NOS as a tcp/ip <--> AX.25 mail bbs gateway. I also run a few nodes, And, I have successfully installed UUPC/extended 1.11k and SNEWS for those MS-DOS afficionados out there. SCO UNIX, Win95 networking information available.

ampr.org IP Coordinator for California - Los Angeles County (44.016.xxx.xxx)

Hardware, software and wetware questions answered either with correct answers or the name of someone who does know.

J. Angus, 15900 Crenshaw Blvd. Suite G533 Gardena, CA 90249-4832.
Phone numbers: +1 310 887-8545 pager or +1 310 287-0618 voice.

[Editor's note: All ampr.org coordinators are listed in the document at:

ftp://ftp.ucsd.edu/hamradio/amprnets

]

John C. Anthony K4PCA

anth2ga@stc.net

Voice: +1 706 878-2940
FAX: +1 706 878 3498

132 Covered Bridge Rd.
Sautee, GA 30571

* Antennas
* Antique and Older Equipment
* Novice/Tech Instruction

Mike Ardai N1IST

n1ist@netcom.com

Boston Amateur Radio Club Webmaster

http://www.barc.org/barc.html

Maintainer of the following Boston Amateur Radio Club mailing lists:

* newsline-list (Amateur Radio Newsline)
* letter-list (ARRL Letter)
* ky1n-list (KY1N VEC listing, Local Eastern MA VE sessions)
* barc-list (Boston Amateur Radio Club mailing list)
* barc-races (RACES in Eastern MA and Roy Engelhausen's CA posts)
* fieldorg-l (ARRL Field organization discussions)
* ham-tech (Untamed technical discussions about the hobby)
* fox-list (Fox hunting (Radio direction finding))
* arrl-exam-list (amateur radio license examinations scheduled in the US and in some foreign areas.)
* arrl-ve-list (ARRL VE Announcements, run by ARRL VEC Bart Jahnke)
* arrl-nediv-list (Announcements from the director of the ARRL NE division)

To join any or all of the above:

Send a message to:

majordomo@netcom.com

In the body of the message, type:

subscribe list_you_want

Since there appears to be no hope that Netcom will ever improve its mailing list services, w1aw-list has been moved to a server down at ARRL headquarters. See Jeff Bauer's entry for more information if you wish to continue to receive W1AW bulletins.

There is no need to unsubscribe from the Netcom list. I'll take care of that myself.

Thanks again for your support and patience with my w1aw-list over the years. Note that this change will not affect any of the other ham-radio related lists at Netcom.

- B -

Jeff Bauer WA1MBK

jbauer@arrl.org

American Radio Relay League
225 Main Street
Newington, CT 06111-1494
+1 860 594-0208

FAX: +1 860 594-0299

Manager and Chief Operator, ARRL Headquarters Station W1AW

Owner of w1aw-list ARRL Bulletin Mailing List

To subscribe, send E-mail to:

w1aw-list-request@arrl.org

with the following in the subject (not the body) of the message:

subscribe user@host.com

where user@host.com is your E-mail address. To unsubscribe, send:
unsubscribe user@host.com

For information about the ARRL info server, send E-mail to
info@arrl.org with the word "HELP" in the message body.

See Cheyenne Greatorex's entry for information about the ARRL
Anonymous FTP Archive and David Newkirk's entry for information about
the ARRL World-Wide Web Home Page.

Please direct any other inquiries to my E-mail address above.

Rob Bellville N1NTE

Rob's cobWeb Page

Rob Bellville, N1NTE | <bellvill@bellville.ultranet.com>
PO Box 515 | Got an old PC or Mac? Millbury Schools
Millbury, MA 01527 | are looking for donations dead or alive!

Technical Supervisor, Millbury Public Schools
Computer Technology and Radio Communications Consultant
*** World-Wide Web Creation Services - Business and Individual ***

---

* Experience:
+ Computer Networking Hardware Technical Engineer (Yuck!)
+ Computer Education and Technology Consultant (PC/Mac HW & SW)
+ K-12 Computer Educator/Instructor/Technician in a public
school
+ Two-way Radio Consultant
+ NetRead(tm) author (Articles via Internet)
* Interests:
+ VHF/UHF simplex
+ Duplex and simplex repeaters
+ Remote Bases
+ 6M - AM/SSB/FM
+ 2M - AM/SSB/FM/Packet
+ 440 MHz FM

+ Would try 1.2GHz if there was any local activity!
+ VHF/UHF QRP
+ Fixing radios old and new
+ Setting up a packet radio file server (ROSErver)
+ Internet - Usenet newsgroups, FTP, etc...
+ Scanners, SWL, and making CB radio useful again
+ PC and Mac computers - hardware and software
+ Communications for neighborhood crime watches
+ Caching radio equipment for that *special* occasion

I also maintain the following radio-related Web pages:

Scanner:
http://www.ultranet.com/~bellvill/scanner.html

Ham Radio:
http://www.ultranet.com/~bellvill/ham.html

CB Radio:
http://www.ultranet.com/~bellvill/cb.html

Please feel free to contact me either by E-mail or US Mail. Will be
happy to share the knowledge!

Maurizio Bertolino

I121171 Maurizio Bertolino - Short Wave Listener - Italy
SWL Manager of A.R.I. (Italian Amateur Radio Association)
Sysop of Trance *free* BBS in Italy +39-11-482751 28,8 bps
E-mail:I121171@amsat.org JRC-NRD535 Kenwood R5000 AOR3000A

425 DX NEWS Weekly Bulletin WWW PAGE (NEW SITE!!!)

- ------->> http://promet12.cineca.it/htdx/index.html <<---------

NEWS, INFO, RUMORS, DXPEDITIONS, IOTA ACTIVITIES and more

DX CALENDAR, WABA AWARD (rules & scores) now available

in English Version and Italian Version

Same server of the IK4LZH site for QSL MANAGERS.

I am an IOTA chaser, I work DX and I join contests. Actually I'm in
love with RS sats and DOVE telemetry. I'm the Shortwave Listening
(SWL) coordinator of the Italian Amateur Radio Association and I have
a regular SWL page in their official magazine Radio Rivista. Recently
I joined the 425 gang that produces the 425 DX News bulletin. I
translate it into English and send it to many DXers via E-Mail. I also
maintain a WWW page to provide the bulletins graphically with previous
numbers and more to come. I've been an SWL since 1974 when I received
a receiver as gift from my parents. Now I'm 36 and I'm running also a
free BBS devoted to HAM/SWL.

Jon Bloom KE3Z

Jon Bloom, KE3Z | jbloom@arrl.org
American Radio Relay League | Justice is being allowed to do whatever
225 Main St. | I like. Injustice is whatever prevents
Newington, CT 06111 | my doing so. -- Samuel Johnson

QEX Editor

Digital Signal Processing (DSP)

Collecting information for the next annual ARRL Computer Networking Conference:

http://www.tapr.org/tapr/html/dccconf.html

For information about the ARRL info server, send E-mail to info@arrl.org with the word "HELP" in the message body.

See Cheyenne Greatorex's entry for information about the ARRL Anonymous FTP Archive and David Newkirk's entry for information about the ARRL World-Wide Web Home Page.

Rich Bono NM1D

Rich Bono NM1D Internet: rbono@nectech.com
+1 508 635-6300 nm1d@aol.com

Author of the following MS-DOS ham programs:

* AutoExam - Examination simulator and study aid
* AutoCW - Morse Code practice program
* DOSGATE - allows users to run programs on your PC remotely (AutoExam compatible)
* AutoCall - Allows use of the Buckmaster HAMCALL CDROM online callbook with DOSGATE
* AutoFax - Allows reception of weather fax using Kantronics TNC's
* SeeSats - Real time satellite tracking (text only), DOSGATE compatible

Most of these programs are available via anonymous FTP from:

* ftp://oak.oakland.edu/SimTel/msdos/hamradio/
* ftp://wuarchive.wustl.edu/systems/msdos/msdos/hamradio/

or write me at:

7 Redfield Circle
Derry, NH 03038

and enclose:

* A FORMATTED high density diskette (either 1.44 MB or 1.2 MB; 3.5"
or 5.25").
* A Self Addressed STAMPED return diskette mailer.
* A note explaining that you want a copy of AutoExam and/or AutoCW
(or one of the other programs).

I am always receptive to individuals interested in maintenance,
enhancements, and non-commercial distribution for these shareware
programs.

Devon Bowen KA2NRC

bowen@olsen.ch

Maintainer of the rec.radio.amateur.* Supplemental Archives available from:

ftp://ftp.cs.buffalo.edu/pub/ham-radio/

[Editor's Note: Fixes have recently been made to the FTP software at
this site so that the above URL will now work with most Web browsers.]

Maintainer of the Internet Ham Radio Callbook Server at:

telnet://callsign.cs.buffalo.edu:2000/

For further information about the Callbook Server, please consult the
server's help facility, the rec.radio.amateur.misc FAQ, or additional
server documentation at:

ftp://ftp.cs.buffalo.edu/pub/ham-radio/faq_callsign

Well, I've been talking about it for years. Those of you that have
talked with me via E-mail know that. But this time I've actually
started on my rewrite of the callsign server at Buffalo. And I've
finally got a design that I'm happy with. The new searching
capabilities are going to be *much* improved over the current system.
I'll be getting rid of the bugs in the current telnet system and
making it available to more people. Also coming is a WWW front-end for
web surfers. Time to step into the 90s.

Part of the rewrite is an entire reorganization of the database
look-up system. The old system was very specific to the FCC database
format because that's all that was available when it was written (yes,
the server is very, very old). But now there are a number of databases
floating around the net for different countries and I am rewriting the
system to be more flexible and to accommodate a variety of formats and
search types.

In doing so, I'll have the ability to add data for many more
countries. That is, of course, if I have the data. In order to do this
I need help. I need to get in touch with all people that have access
to databases from countries other than the US. The more up-to-date
these databases are, the better. If you have access to a database and
would be willing to donate a copy to the callsign server for everyone

to use, please contact me. A lot of people would genuinely appreciate it.

The callsign server has become remarkably popular on the net and this has happened because the community has contributed so much to it over the many years it's been running. I have heard stories of reunions with old classmates, stories of silent-keys that have been remembered, and stories from blind hams doing simple look-ups of other hams, all possible because of the server. Congratulations to the community for making this system so useful.

Work on this project has been delayed such that its completion time is somewhere in the indefinite future. In the meantime you can access the current server.

Please direct all other feedback, submissions and administrivia regarding these services to my E-mail address above.

John M. Brewer WB5OAU

John M. Brewer WB5OAU "there's a reason the reset button
johnmb@mindspring.com on a PC is on the front panel."

Wire antennas, restoration, operation and parts/tubes supplies for most 40's-70's vintage gear.

Antique and Older Equipment World-Wide Web Page:

http://www.mindspring.com/~johnmb/

Don Browne KQ4YM, NNN0TFI

browne@aol.com

http://members.aol.com/browne/

+1 (941) 675-5715

LaBelle, Florida

* Batteries
* Navy MARS
* Part-15 Broadcasting

Alan Brubaker K6XO

alan@es.com

* HF Antenna Systems
* Contest Operating
* General HF Operations
* Propagation

Tom Bruhns K7ITM

tomb@lsid.hp.com

* Electronic Circuits
* Antennas and Transmission Lines

My electronics expertise is mostly analog, but I have some insights into DSP applications that can do better in what used to be the analog dominions. I can be of the most help with low-frequency analog stuff, particularly measurements and low-level/low-noise/low-distortion applications. I breadboard with IC's, discretes, and surface mounts (which I prefer to use now, as surface mounting requires less drilling of PCB boards once they are etched). My electrical engineering education (Ph.D.) emphasized control systems. I also have a clear understanding of transmission line measurements and behavior (a personal research interest for the last 25 years or so).

Pieter J. T. Bruinsma PA0PHB

pieth@nikhef.nl

AX.25: PA0PHB@PI8WNO.EU

http://www.nikhefk.nikhef.nl/~pieth/

Voice: +31 20 5922057
FAX: +31 20 5922165

P.O. Box 4395
1009 AJ
Amsterdam
the Netherlands

Member, Public Relations Committee, Dutch National Radio Society (VERON)

VERON World-Wide Web page:

http://www.nikhefk.nikhef.nl/~pieth/veron/

Board Member, Woerden Chapter of VERON

Woerden Chapter World-Wide Web Page:

http://www.nikhefk.nikhef.nl/~pieth/amrad/wnoe.htm

Barry Buelow WA0RJT

Barry Buelow WA0RJT Packet BBS in Cedar Rapids, IA
barry@ia.net WA0RJT@WA0RJT.IA.USA.NOAM

The Tuscon Amateur Packet Radio (TAPR) Bulletin Board Special Interest Group (BBSSIG) is sponsoring a working group to generate and

distribute a series of information bulletins which will serve to instruct packet radio users in a variety of areas. These bulletins will be distributed via the packet network and can be retained at each BBS in a file area. An index will be provided to allow users to find information they desire.

If you are interested in actively participating in this effort and can work on a collaborative effort, please speak up. Send a message to my E-mail address above.

[Editor's Note: As this project is still very much a work in progress, and its eventual products will certainly be made available via several information sources (including the Internet) as soon as they are completed, I'm sure Barry would appreciate it if only serious volunteer contributors contacted him at this time.]

Brian Buydens VE5RDV

brian.buydens@usask.ca

http://duke.usask.ca/~buydens/

* Apple Macintosh Computer
* IBM PC
* QRP
* UNIX

- C -

Rusty Carruth N7IKQ

Rusty Carruth aka N7IKQ aka rusty@indirect.com (NIC: RC541)

The Phoenix Linux User's group has formed! Details: me.
Join the Usenet Un-Net: 1700-1900Z Saturdays, 28.410 or 28.390 MHz

I'm willing to act as a reference for anyone wanting info on getting tapes (especially Callsign tapes) from the Department of Commerce National Technical Information Service (NTIS) or wanting other info on callsign-project related stuff.

One of these days I'll actually be around for the un-net! I promise, really!

My job is currently System Administrator for a large Unix site so I know a little bit about day-to-day Unix operations and Unix installation :-) I also have much experience with constructing E-mail paths that will work rather than bounce.

I also have a fair amount of experience in hardware/software interfacing and machine control.

Rob Cartier KD1JG, AAR1FU

robcartier@aol.com
rob.cartier@snet.com
rob.cartier@juno.com

AX.25: KD1JG@W1EDH.CT.USA.NOAM
MARS AX.25: AAR1FU@AT1TCT.CT.RGN1.CONUS.NOAM

112 Fieldbrook Road
Middletown, CT 06457-1756
+1 203 771-7027 Work
+1 203 632-9055 Home

Connecticut Director for Emergency Operations, Army MARS

I also run a full-service MSYS BBS and have close ties with the other
services in my state.

L. B. Cebik W4RNL

L. B. Cebik, W4RNL /\ /\ * / / / (Off) +1 615 974-7215
1434 High Mesa Drive / \/ \/\ ----/\--- (Hm) +1 615 938-6335
Knoxville, Tennessee /\ \ \ \ / / || / (FAX) +1 615 974-3509
37938-4443 USA / \ \ \ \ || cebik@utkvx.utk.edu

Maintainer of List of Periodicals of Interest to QRP Enthusiasts, Electronics
Books of Interest to QRP Enthusiasts, and Antenna Books of Interest to QRP
Enthusiasts

Available from the QRP-L WWW Page at:

http://qrp.cc.nd.edu/QRP-L/index.html

Since QRP-L has moved to lehigh.edu, the articles will also appear at
this address on or about June 1, 1995:

http://www.lehigh.edu/lists/Archives/qrp-l/

(Note: the "A" in Archives is capitalized.)

Please direct all submissions, feedback, and administrivia for these
articles to my E-mail address above.

10-X International World-Wide Web Page:

http://www.lehigh.edu/lists/tenten-l/

10-X International Mailing List:

To subscribe, send E-mail to:

listserv@lehigh.edu

and in the body of the message, write:

SUBSCRIBE tenten-l your_name your_call

where "your_name" is your real name, and "your_call" is your callsign, if any. For example:

SUBSCRIBE tenten-l John Doe K5FJZ

A welcome message with more detailed help will follow shortly.

To unsubscribe, type:

UNSUBSCRIBE tenten-l

(10-X International is an amateur radio organization devoted to encouraging the use of the 10 Meter, or 28 MHz, amateur band. They are primarily known for their "10-X" numbers which members exchange during communications on that band.)

I serve as an Educational Advisor to ARRL and hence fall within the loose bounds of their field organization. I know something of the fundamentals in electronics, having written the current Chapter 6 of the 1995 ARRL Handbook, and something of antennas, with a series appearing in Communications Quarterly. I serve on the Board of Directors of 10-X International and maintain memberships in most of the QRP organizations, as well as the Quarter Century Wireless Association (QCWA). As to what I do not know, there are no limits.

I also know something of the craft of technical writing and editing, being director of Techwright, an occasional consulting operation in this field with my wife, Jean, N4TZP, who has been a technical editor and writer since 1980.

James A. Chahine AC5AK

NYXdePARIS@aol.com
kari@utep.edu

+1 915 532-4575

2509 N. Kansas
El Paso, TX 79902

* Antennas
* Morse Code
* Digital Signal Processing (DSP)
* Mobile/Portable/Field Day

Mark Cheeseman VK2XGK

cheese@asstdc.com.au

Maintainer of the aus.radio FAQ

A copy of the FAQ may be obtained from:

ftp://grivel.une.edu.au/pub/ham-radio/aus.radio/faq/australia

Please direct all feedback, submissions and administrivia to my E-mail address above.

Ken Chilton KA1TIH

53 Alan Road
Marlborough, MA 01752
chilton@emc.com
Design Engineer

* Amateur Qualifications:
+ Trustee of the Algonquin Amateur Radio Club Repeaters:
446.675 -- 223.86 -- 53.47
+ Assistant Radio Officer for the City of Marlborough Emergency Management Agency
+ NESMC Region 440 MHz frequency coordinator
+ Trained in Electronics Engineering, Electrical Engineering, Computer Sciences, Computer Programming, and Management
+ Knowledgeable in Rules, Regs, and interpretations
* Areas I am also interested:
+ Homebrewing
+ Repeater Hardware, Control, Operation
+ Packet (AX.25)
+ Net Control Operations
+ Electromagnetics and EMP
+ HF SSB and CW operating
+ Satellite and Shuttle operation
+ Amateur Television
+ Elmering new HAMs

Brian Cieslak AE9K

bcieslak@mkelan5.remnet.ab.com

Radio Scouting Merit Badge Advisor

Field Day Operations

(Our club, the W/K ARC, has finished first in Wisconsin in the 2A Category for the last 10 years.)

Chris Cieslak AA9HD

ccieslak@ais.net
ccieslak@uiuc.edu

http://www.uiuc.edu/ph/www/ccieslak/

* Antennas
* Batteries
* Commercial Equipment
* Morse Code
* DX
* Field Day
* HF
* Homebrewing
* IBM PC
* Internet Services
* Mobile
* Novice/Tech Instruction
* Packet Radio
* Portable
* Power Supplies
* QRP
* Repeaters
* SSTV
* Volunteer Examiner Programs (information about sessions)

Joe Cira KB6AXK

kb6axk@ix.netcom.com

ARRL Affiliated Club Coordinator (ACC) for Los Angeles, California

Sysop of HAM*INFO*LINK*SOURCE*BBS

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Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org

Lawrenceville, GA 30244 | |

GRAPES 56 kBaud Packet Radio Modems

I'm not an official representative of the Georgia Radio Amateur Packet Enthusiasts Society (GRAPES), but I am in contact with them, and have experience using their 56 kBaud radio modems. At the very least, I can forward requests I can't handle to the proper people.

The Proceedings of the 6th Computer Networking Conference has a paper by WA4DSY explaining the theory and practice of the 56 kBaud radio modem. (I think it's the 6th, I don't have my copy handy.)

GRAPES furnishes instructions for modifying a TNC2 to drive the modem, but there are better solutions. The Ottawa PI card and the Gracilis PacketTwin card are two good solutions. Of course they are PC bus cards. If you need standalone capability, the Kantronics Data Engine can handle it, as can the incredible Gracilis PacketTen. PacComm claims their new Sprint TNC can, too (PacComm now also manufactures the Gracilis cards under license and you can get them either from them or from Gracilis direct).

WA4DSY has interfaced raw telco codecs to the modems and done "digital voice" while mobile. It works quite well.

If you want information on the RF modem (full document sets are $20 US, creditable towards a later order) write to GRAPES at

GRAPES, Inc
PO Box 636
Griffin, GA 30224-0636

GRAPES is a volunteer networking organization. There's no phone number, and turnaround on info requests may be slower than when dealing with commercial outfits. Please cut the volunteers a little slack.

(see also Bob Merritt)

Derrick C. Cole KC4WEJ

dcc@ssds.com

I'm a Network/Systems Analyst with a national systems integration firm. My professional fortes are UNIX-based system administration, sendmail, TCP/IP-based ethernet network engineering, network systems security (including firewalls), and programming (primarily Perl and C).

I've had notable success dealing with issues surrounding PC's, DOS, Windows and various applications/protocol stacks, including PC-NFS and LAN Workplace.

I'm still clueless in the electrical/circuit department.

Steve Coletti

< ^^>
< "Big Steve" Coletti >
< Shortwave Listener, Ex-Broadcaster, Computer Consultant >
< Internet: bigsteve@dorsai.org ==== S.COLETTI2@genie.geis.com >
< Notice: We no longer have a Fidonet Netmail address. >
< US Mail: P.O. Box 396, New York, NY 10002 >
< Fax Weekdays/Voice Weekends: +1 212 995-2637 >
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Relayer of Amateur Radio Newsline Bulletins

Amateur Radio Newsline is produced as an audio service by Newsline, a service of the Westlink Radio Network. The transcribed version is produced by Dale Cary, WD0AKO from materials provided by Newsline, and is jointly distributed to online services and bulletin board networks by Steve Coletti and Dale Cary.

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Editorial comment, news items and all other business should be directed to

Bill Pasternak, WA6ITF, Newsline's Producer and Editor-In-Chief.
E-Mail - 3241437@mcimail.com or BILLWA6ITF@aol.com
Phone/Fax - +1 805 296-7180, fax senders wait for voice prompt.

Text Version information:
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* BBS Networks: RIME - RO mail to Steve Coletti, ->35 Others - Steve Coletti (within the conference)
* Online Services: America Online - tstader@aol.com (Terry Stader, Sysop) or wd0ako@rrnet.com (Dale Cary) Compuserve, Delphi, Genie - wd0ako@rrnet.com
* Usenet: news:rec.radio.info - david@stat.com (David Dodell, Moderator)
* File Requests: FidoNet users can Freq the latest edition of NEWSLINE from Joe Brown, KB2NBN 1:2625/111 or ftp://oak.oakland.edu/ - n1qzs@magrathea.com (Cheyenne Greatorex, Boston ARC - librarian)
* Internet E-Mail: Send mail to listserv@netcom.com with the following commands in the body of the message (the subject is ignored) To subscribe:

subscribe newsline-list

To unsubscribe:

unsubscribe newsline-list

For more information:

help

* World-Wide Web: Coming soon.

Manual mailing lists are also maintained by bigsteve@dorsai.org for individual subscribers and by wd0ako@rrnet.com for BBS's and radio clubs that redistribute Newsline.

Richard R. (Rich) Colwell WA3QKX

Richard R. Colwell WA3QKX
University of Pittsburgh President
School of Engineering Greater Pittsburgh VHF Society (WA3BAK/R)
664 Benedum Hall Link Communication Controller RLC-3 User
Pittsburgh, PA 15227 146.610MHz - 444.950MHz + 223.980MHz - 145.330MHz
PHONE - +1 412 624-9820 rrc2@engrng.pitt.edu
FAX - +1 412 624-9831

WEB - http://www.engrng.pitt.edu/~rrc2/
* ** * * * * * * * * * ** * * * * * *

Maintainer of Advanced Computer Controls (ACC) and Link Mailing Lists

The ACC list has approximately 60 members at this time. I am trying to restrict the list to only ACC users (control people) and owners. The list is also supported by the new owner of all the rights to ACC, Link Communications. I am also running the Link repeater controller list server. It has approximately 90 members at this time.

The way to join the list server is to send me a short E-mail and tell me what equipment you are using.

(Note: I have no ties to Link Communications or ACC. I started the Link list first and found how useful it is. I had a lot of requests to start the ACC list and did it.)

Link Communications World-Wide Web Home Page:

http://www.link-comm.com/linkcomm/

Mike Cook AF9Y

mwcook@cris.com

Earth-Moon-Earth (EME) and Weak Signal World-Wide Web Page:

http://www.webcom.com/af9y/

(I'm not able to do much elmering beyond answering the questions generated by my Web page. You can certainly E-mail me for further information about EME, but with the 30+ E-mail messages received a day, my responses will be limited.)

William (Bill) Coyle N3OGH

wcoyle@iss.dccc.edu

AX.25: N3OGH@AA3CH.EPA.USA.NA

My primary experience is with HF communications, particularly with the Kenwood TS-830S and TS-940/AT. My preferred mode is CW, although I also use SSB. I have had experience with light service on both rigs (including the internal antenna tuner on the 940 and the tube finals on the 830). I have the service manual for the 940.

I am particularly interested in helping new hams design and set up HF stations with multi-band wire antenna arrays.

Other than HF, I am also involved in VHF and UHF, particularly 2 meters, and have recently gotten involved in packet radio (having gained some experience on the hardware end of setting up such a station).

Michael Crick

mica@crick.com

Bellevue, WA

http://crick.com/mica/

I design and write software. I have written a top of the line Ham Radio training program for Windows called "Ham University". You can

download a free demo copy from my web site.

I also helped write Microsoft Windows. I am not a ham operator but more of a web nut (I was part of the group at BBN that developed the ARPANET back in 1967). However, in designing Ham University, I got a lot of expert advice. I think it will meet many people's training needs.

Jon Currie KC5UGK

jon@jedi.net

http://www.jedi.net/jon/

* IBM PC & Clones
+ mostly DOS, Windows 3.x & 95, and Linux.
+ hardware knowledge (I work at a computer company)
* Internet Services (Mail/FTP/WWW)

- D -

Matthew A. (Matt) D Alessio KC6VIM

mattd@branson.org -- send here first, please!
mdaless@ocf.berkeley.edu

I cannot claim to be an expert in any field, but I did participate in SAREX as the project coordinator for our school (The Branson School) in the STS-64 mission. I will be happy to help anybody else who is interested in any and all aspects of the SAREX project. I also know a little bit about UNIX administration, but I find myself asking questions more often than answering them.

I am a high school senior, so my real area of expertise is getting young people involved in ham radio. I was a speaker at the Dayton HamVention Youth Forum, and am active in recruiting in my local community.

Terry Dawson VK2KTJ

terry@perf.no.itg.telecom.com.au
terry@albert.vk2ktj.ampr.org

Maintainer of the Linux HAM and AX.25 HOWTO's

Available from:

http://sunsite.unc.edu/mdw/HOWTO/HAM-HOWTO.html

http://sunsite.unc.edu/mdw/HOWTO/AX25-HOWTO.html

Please direct any feedback, submissions, or administrivia regarding
these resources to my E-mail address above.

I've been an active Linux advocate since it first appeared on the
Internet. I was looking for an operating system that would better meet
the needs of my interest in Amateur Radio and provide me with an
environment in which I could actively experiment and develop. Linux
provides that and I've been promoting its use within Amateur Radio
ever since.

I'm an early contributing member of the Linux Documentation Project,
and you'll find the amassed works for it at:

http://sunsite.unc.edu/mdw/

ampr.org IP Coordinator for Sydney, Australia Metropolitan Area subnet
(44.136.xxx.xxx)

(I'm also the co-administrator of the Sydney University of Technology
Internet/ampr.org gateway.)

I'm happy to assist with information relating to:
* Linux, especially when related to Amateur Radio.
* Amateur Radio Internet Gateways

Christopher Dean VE3TBP

chris@openstore.com
jhowe@rogerswave.ca

http://www.openstore.com/yra/

Voice: +1 905 853-7340
Work: +1 905 790-0660
Modem: +1 905 853-7033
FAX: +1 905 790-0712

349 Penn Ave.
Newmarket, Ontario L3Y 2S7
Canada

* Antique and Older Equipment
* Homebrewing
* IBM PC
* Internet Services
* Mobile/Portable/Field Day
* Novice/Tech Instruction
* Packet and Digital Networking
* Power Supplies
* Seminars/Lectures
* Amateur Television
* Slow-Scan Television

I have taught the Amateur radio course for the York Region Amateur
Radio Club for the last 2 years I have brought over 30 new Hams from
13 to 65 years of age into the hobby. I am active in H.F., VHF, and
UHF voice, digital and television modes (both Fast and Slow-Scan TV).
I am also a specialist in large computer backup systems and computer
networking (all platforms) and am responsible for the web site(s) and
E-Mail systems at Open Storage Solutions

Jeff DePolo WN3A

- -=-
Jeff DePolo WN3A Twisted Pair: H:+1 610 337-7383 W:+1 215 387-3059 x300
depolo@eniac.seas.upenn.edu RF: 442.1 442.2 442.4 443.8 link system PL 131.8
Claim to Fame: I got the first speeding ticket on the information superhighway

* Technical Director, University of Pennsylvania ARC
* Sponsor/Owner, University of Pennsylvania Linked Repeater System
* VE Team Leader, University of Pennsylvania ARC VE Team
* Database Manager, Area Repeater Coordination Council of EPA/SNJ

Memberships:
ARRL, UPenn ARC, Holmesburg ARC, NEAR-FAR ARC, Mt. Airy VHF
Society (Packrats), Mid-Atlantic Radio Club

Main interests:
VHF/UHF repeater design, construction, networking, servicing.
VHF/UHF weak signal, design and construction, antenna design.
Propagation, anything homebrew, HF DX, VHF/UHF contesting,
Land-mobile radio communications equipment, digital hardware
and software design.

* Volunteer Examiner
* VHF/UHF Weak Signal and FM
* College Clubs
* Repeater design, construction, repair, coordination
* General Homebrewing
* Antenna design/theory

Gary V. Deutschmann, Sr. N0ZOI

raiar@inlink.com

AX.25: N0ZOI@K0PFX.#STL.MO.USA.NA

12341 Promenade Ln.
Creve Coeur, MO 63146-5057

I am the US National Coordinator for RAIAR, Radio Amateurs
International Awards Registry, we have over 78,000 registered members
and just over 2,500 general members, plus lifers and charters also.

RAIAR only deals with the VHF/UHF spectrum for its awards, plus SWL on all bands.

I am ready to help any interested individual obtain his Novice or Tech ticket, as well as teach him the ins and outs of VHF Packet.

Our radio club holds classes for those inclined to advance to General and above.

Pete deVolpi KC3TL

amsoft@epix.net

AmSoft
PO Box 666
New Cumberland, PA 17070-3036
Voice: +1 717 938-8249
FAX: +1 717 938-6767

A mailing list for product announcements from AmSoft, publishers of the "World of Ham Radio" CDROM software and callsign database for amateur radio, is available. To subscribe, contact me at my E-mail address above.

The WWW Site for the "World of Ham Radio" is:

http://hamster.business.uwo.ca/~amsoft/

Peter DeWolf VE3YYY

whisper@igs.net

RR #1
Braeside, ON K0A 1G0
Canada

+1 613 623-5914

* Frequency Coordinator for the St. Lawrence Valley Repeater Council (http://www.igs.net/slvrc/)
* Industry (Communications) Canada Designated Examiner
* Class Instructor for Ottawa Valley
* Syndicated Columnist on Internet matters.
* Past President of the Champlain Regional Repeater Association.

Specific interests and areas I may be of assistance:

* Canadian Radio Regulations
* Repeater Linking
* Examinations for Canadian Licenses
* SWL's
* Club media relations

(used to operate as VP1BCX, V3X, and currently also hold V31FS)

Please feel free to contact me if you require more information.

David Dodell WB7TPY, AFA6GB

Internet: david@stat.com FAX: +1 602 451-6135
Bitnet: ATW1H@ASUACAD FidoNet=> 1:114/15
Amateur Packet ax25: WB7TPY@WB7TPY.AZ.USA.NA

Member, USAF MARS

ampr.org IP Coordinator for Arizona subnet (44.124.xxx.xxx)

[Editor's Note: All ampr.org coordinators are listed in the document at:

ftp://ftp.ucsd.edu/hamradio/amprnets

]

Owner of the Land-Mobile-Radio Mailing List

The purpose of this list is to allow discussion about commercial land-mobile radio equipment, its use and maintenance.

Owner of the Military Affiliate Radio Service (MARS) Members Mailing List.

The purpose of this list is to allow discussion about MARS (Military Affiliated Radio Service) activities. The list is open to all branches of MARS.

To subscribe to or unsubscribe from either of the above lists, please send electronic mail to:

listserv@stat.com

and include the command:

subscribe list-name

or

unsubscribe list-name

as the first line of your message, where list-name is either land-mobile-radio or mars-list. An acknowledgement/welcome message should follow very shortly.

Moderator of rec.radio.info newsgroup:

news:rec.radio.info

Please direct all rec.radio.info submissions to rec-radio-info@stat.com and all feedback and administrivia to rec-radio-request@stat.com.

Stephen Douglas K6HZT

k6hzt@dfsystems.com

DF Systems World-Wide Web Page:

http://www.dfsystems.com/

P.O. Box 246925
Sacramento, California 95824-6925

Specializing in:

* Amateur Radio
* Radio Direction Finding (DF)
* Doppler DF
* Surplus Electronics and Communications Equipment

Norm Drechsel WA3KEY

wa3key@fast.net

http://www.users.fast.net/~wa3key/

Virtual Collins Radio Museum World-Wide Web Page:

http://www.users.fast.net/~wa3key/collins.html

(Features virtual "exhibits" of Collins radio equipment, as well as
quite a few links to Collins clubs, parts dealers, and other related
technical information.)

(Continued in next part.)

-----BEGIN PGP SIGNATURE-----
Version: 2.6.2

iQCVAwUBMisonyROYYq72ea1AQE1nAQAwIk4VYZgg88Zcl0FU+JifvwAyDT1IDv+
SSiSnkJbbkX5MHBxYe/pdb764+pg3oyPs3pzTRHrH8F3uR8yiVq1ntZTAj6E+F9r
S85toTJr5ja34YpoKrG4KSYQj2XB5Xw4ZR4WJUcnI1HoxwILoiYTlvtfZ5SoZ2Fq
6xRDdzPVbV4=
=48vQ
-----END PGP SIGNATURE-----

2158. Re: Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: carl@ais.net
Message-ID: <50fc0v$nrs@news.ais.net>
Source record: 217677

In <BPDyaLb.armond@delphi.com>, armond@delphi.com writes:
>
>Are you speaking of the olde fahrtz who went ashore at Normandy, Guadalcanal,
>Iwo Jima, or saw 20,000 of their friends die in B-17s over Germany, so you could
>live in freedom? Or are you speaking of the olde fahrtz who were drafted and
>spent their winters in Korea?

Armond,

Give it a rest ... you know damned well that the "olde fartz" title is
actually "CW olde fartz" and is only bestowed on people who can't bear
the thought of a day without brass-pounding.

(Again, I don't know him, but) I'll bet that Drew holds the proper
amount of respect for the deeds of the soldiers you refer to above.

Nobody is trying to demean the memory of our veterans ... that's a
pretty long stretch, even for you.

However, even though we respect our veterans for their heroic deeds in
defending their country, we still retain the right to disagree with
their views on the code test issue and criticize them for their
shortsightedness and narrowmindedness ON THIS ISSUE.

Don't get so carried away with carrying the banner for CW that you begin
to equate it with "Old Glory" for God's sake. The phrase is "Life,
Liberty, and the pursuit of happiness." I don't recall "unless you
don't operate CW" in there anywhere ...

carl - wa6vse
carl@ais.net

2159. Amateur Radio: Elmers List Subject Quick-Search Index

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: pschleck@novia.net
Message-ID: <radio/ham-radio/elmers/index/subject-1-841691841@novia.net>
Source record: 217678
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

Posted-By: auto-faq 3.3 beta (Perl 5.001)
Archive-name: radio/ham-radio/elmers/index/subject
Posting-Frequency: posted on the first Monday of each month
URL: http://www.novia.net/~pschleck/elmers/

-----BEGIN PGP SIGNED MESSAGE-----

Amateur Radio: Elmers List Subject Quick-Search Index

(Note: This index is not necessarily all-inclusive and some Elmers are
listed more than once.)

10-X INTERNATIONAL

* Cebik (Mailing List and WWW Page)

AMATEUR RADIO EMERGENCY SERVICE (ARES)/RADIO AMATEUR CIVIL EMERGENCY SERVICE
(RACES)/SKYWARN

* Ammar
* Chilton (EMA Radio Officer)
* Glago (Sonoma Valley, CA ARES and RACES Director)
* Gray (Arkansas Section)
* Humphries (ex-Asst. EC)
* Knauer (ARES and SKYWARN, including National SKYWARN WWW Page)
* Kruml (Northeast King County, WA ARES EC, EComm Pacific Northwest
ARES Internet Mailing List)
* Lao (Philippines)
* MoellA (Hospital Disaster Support Communications System and WWW
Page)
* Morgan (ARES and SKYWARN)
* Neeson
* Paperman
* Schliesser (SKYWARN)
* Schwartz (NYC EC for Operations)
* Shelton, P
* Stader (EMAS SEC)

AMATEUR SATELLITE CORPORATION (AMSAT)

* Galazka
* Roth (Portland, OR Area Coordinator)
* Williamson, P (WWW Page, Anonymous FTP Archive, and Mailing Lists)

AMATEUR TELEPRINTER OVER RADIO (AMTOR)/PACKET TELEPRINTER OVER RADIO (PACTOR)/RADIO TELETYPE (RTTY)

* Leavey (73 Magazine RTTY Loop Column and WWW Page)
* Neeson
* Reynolds (FSK, PSK, MSK, Various Types of ARQ and FEC Systems)
* Sayer (also decoding CHU's ASCII time code)
* Sussman (Publisher of PACTOR News WWW Page, Speaker and Host of PACTOR Forum at Dayton Hamvention)

AMERICA ON-LINE

* Ruh (ATV Quarterly Representative, Ham Radio Manufacturers and Dealers Section)
* Stader (Host and Manager, Ham Radio Club Forum)

AMERICAN RADIO RELAY LEAGUE (ARRL)

* Bauer (W1AW Manager and Chief Operator, ARRL Bulletin Mailing List)
* Bloom (QEX Editor, ARRL CNC Contact)
* Cebik (Educational Advisor)
* Cira (Los Angeles, CA ACC)
* Ehrlich (EMAS Internetworking ASM)
* Elmore (CO TC)
* Goldstein (Volunteer Counsel - Florida Only)
* Halle (Phoenix, AZ Area Official Observer Coordinator)
* Hare (Laboratory Manager)
* Hill (TN TS)
* Jahnke (VEC Manager)
* Kruml (Northeast King County, WA EC)
* Lau (Technical Consultant)
* Newkirk (Webmaster, HQ WWW Page)
* Redding (Educational Advisor)
* Sefranek (EMAS TA)
* Sohl (NJ Local Govt. Liason)
* Stader (EMAS ASM and DEC)
* Tracy (InfoServer Sysop, TIS Coordinator)
* Turner (Volunteer Counsel)

AMIGA PERSONAL COMPUTER

* Leadmon (Amiga NOS FTP Archive)
* Salnick
* Whatton (Manager, Amiga Amateur Radio User Group and WWW Page)

ANTENNAS

* Anthony
* Brewer (wire HF)
* Brubaker (HF)
* Cebik
* Chahine
* Cieslak, C

* Coyle (multi-band wire HF)
* DePolo (Design/Theory)
* Elmore
* Galazka
* Graham (wire HF for apartments)
* Gray
* Halbert (simple designs)
* Hill (Mobile, including HF)
* Humphries (VHF and multi-band wire arrays)
* Ihry
* Mouw
* Muenzler
* Myers (and transmission lines)
* Neeson
* Orcutt
* Reynolds (including HF)
* Rymell
* Salnick
* Salyzyn
* Sarrio
* Sefranek (and Transmission Lines)
* Shelton, J
* Shelton, P
* Silva
* Standerfer
* Stine (wire HF)
* Stockton
* Taylor
* Thomson (wire HF)
* van de Kerk (HF Low-Profile)
* Zurn (wire HF)

ANTIQUE AND OLDER EQUIPMENT

* Anthony
* Bellville
* Brewer (40's-70's and WWW Page)
* Dean
* Drechsel (Collins Radio Virtual Museum WWW Page)
* Hill (Mailing List)
* Keys (including HF and CW)
* McEwen (Telegraph Key Collectors and Historians WWW Page)
* Muncey (Terry Muncey dba Radio Era Schematics and Documentation Archives)
* Orcutt
* Paperman (Manuals, Service Information, and Literature)
* Standerfer
* Turner (including Kenwood and Ten-Tec)

APPLE MACINTOSH COMPUTER

* Bellville
* Buydens
* Greatorex (including Amateur Radio Software FTP Archive)
* Seney (Macnet, including Anonymous FTP Archive and WWW Page, List of Amateur Radio Software WWW Page)
* Sohl

BATTERIES

* Ammar
* Browne
* Cieslak, C
* Hammill (Sealed Lead-Acid)
* Muenzler
* Myers
* Sefranek (including Solar Operation)
* Sohl

BRITISH AMATEUR TELEVISION CLUB (BATC)

* Pawson (WWW Page)

BULLETIN-BOARD SYSTEMS (BBS'S)

* Bertolino (Trance - Italy)
* Cira (HAM*INFO*LINK*SOURCE*BBS)
* Gathergood (CQ Centre - United Kingdom)
* Meredith (F6FBB Packet BBS Support)
* Reeves
* Stillinger (IBBS)

CALLSIGN DATA/NATIONAL TECHNICAL INFORMATION SERVICE (NTIS)

* Carruth
* Lloyd (QRZ! Ham Radio CDROM and Callsign/E-mail Registry)

CIVIL AIR PATROL (CAP)

* Moore
* Standerfer

COLLEGE CLUBS

* DePolo (Technical Director, Univ. of Pennsylvania ARC)
* Edwards (Univ. of Maryland ARA)
* French, et al (Ham-Univ Mailing List)
* Killebrew (Trustee, University of Houston Amateur Radio Club)
* Luszcz (WWW Page)
* Madsen, et al (Iowa State Elmers)
* Schleck

COMMERCIAL EQUIPMENT

* Bellville
* Cieslak, C
* DePolo

* Dodell (Mailing List)
* Gray
* Veres (Commercial Radio through 12 GHz, UHF and 2.5 GHz ITFS TV)
* Wier (ICOM Mailing List)

CW (MORSE CODE)

* Bono (AutoCW)
* Chahine
* Cieslak, C
* Elmers
* Elmore
* Galazka
* Hill (learning hints)
* Ihry
* Keys (including CWIST HF CW Net)
* McEwen (Telegraph Key Collectors and Historians WWW Page)
* Muenzler
* Neeson
* Salyzyn
* Sarrio
* Shelton, P
* Silva
* Stine
* Stockton
* van de Kerk
* Zurn (including European abbreviations)

DIGITAL SIGNAL PROCESSING (DSP)

* Bloom
* Bruhns
* Chahine
* Edwards
* Gilliver
* Goerg (Webb Laboratories RF/Microwave CAE WWW Page)
* Hall (including WWW Page)
* van Vliet (Filters, including Integrated, Distributed, Lumped, and Active)

DIRECTION FINDING (DF)

* Douglas (including Doppler and DF Systems WWW Page)
* MoellJ (Homing In Column WWW Page)
* Orcutt

DUTCH NATIONAL RADIO SOCIETY (VERON)

* Bruinsma (National Public Relations Committee, National WWW Page, Woerden Chapter Board Member, and Woerden Chapter WWW Page)

EARTH-MOON-EARTH (EME) COMMUNICATIONS

* Cook (including WWW Page)
* Galazka
* Smit (WWW Page)

EQUIPMENT TESTING/TROUBLESHOOTING

* Brewer (Tube Gear)
* Bruhns (Low-Level/Low-Frequency Analog and Transmission Line Measurements)
* Coyle (Kenwood TS-830S and TS-940/AT Service)
* DePolo
* Drechsel (Collins Radio Virtual Museum WWW Page)
* Elmore (Troubleshooting)
* Galazka
* Goldman (Tech Bench Elmers Amateur Radio Society, including WWW Page)
* Hare (ARRL Laboratory Manager)
* Ihry (General Electronics)
* Lord (including Radio Doctor's WWW Page)
* Muncey (Terry Muncey dba Radio Era Schematics and Documentation Archives)
* Myers
* Ornitz (Instrumentation)
* Paperman (Manuals, Service Information, and Literature)
* Rymell (Electronics and Computer Service Work)
* Salnick
* Salyzyn
* Sefranek (including Power Supplies and Amplifiers)
* Seney (Digital Storage Scope FAQ)
* Standerfer (Test Equipment and Measurements)
* Stockton
* Taylor
* Veres (Commercial Radio through 12 GHz, UHF and 2.5 GHz ITFS TV)
* Wendt (Founder, Tech Bench Elmers Amateur Radio Society)
* Witte (Instrumentation, Test Equipment, and Measurements)

FINNISH AMATEUR RADIO LEAGUE (SRAL)

* Toijala (HQ Contact and WWW Page)

FREQUENTLY ASKED QUESTIONS (FAQ's)

* Adams (QRP Rig Standardized Info Sheets)
* Bowen (Supplemental FTP Archives, Internet Callbook Server)
* Cebik (QRP Periodicals, Electronics Books, and Antenna Books Lists)
* Cheeseman (Australia)
* Dawson (Linux HAM and AX.25 HOWTO's)
* Dodell (rec.radio.info Newsgroup)
* Goldstein (Packet Radio WWW Server, including Packet FAQ)
* Hill (Antennas)
* Jahnke (VE Exams Scheduled)
* Lloyd (QRZ! Callsign/E-mail Registry)

* MoellJ (Radio Direction Finding)
* Ruh (Amateur Television)
* Salyzyn (Hams on Usenet)
* Seney (General Amateur Radio, Digital Storage Scopes, and
Macintosh Amateur Radio Software List WWW Pages)
* Twigger (Amateur Radio Exam Practice WWW Page)
* Williams (Amateur Radio WWW Server)
* Woods (Mail-Order Electronics)
* Yee (Online Repeater Directory)

GEORGIA RADIO AMATEUR PACKET ENTHUSIASTS SOCIETY (GRAPES)

* Coffman (E-mail Contact)
* Merritt (WWW Page)

HANDICAPPED OPERATING

* Gilliver (Blind Issues)
* Madsen, et al
* Tice (Manager, Courage HANDI-HAM System)

HIGH FREQUENCY (HF)/CONTESTING/DX

* Bertolino (425 DX News and IOTA WWW Page)
* Brubaker
* Chilton
* Cieslak, C
* Coyle (including Station Setup for New Hams)
* DePolo
* Elmore (DX'ing, Contesting, and Propagation)
* Galazka
* Gilbert
* Gray
* Hill (Mobile)
* Job (Maritime Mobile Service Net)
* Kumagai (CQWW Committee Member, JIDX Committee Chairman, Japanese
DX Contest Mailserver and Mailing List)
* Madsen, et al
* Martz (Bay Area, California, DX'ers WWW Page)
* Muenzler
* Neader (Contesters and DX'ers WWW Page)
* Nerenberg (DX Mailing List and WWW Page)
* Orcutt (SWL'ing, including Clandestines)
* Salnick
* Sarrio (CW)
* Silva
* Simpson (Best of 75 Net)
* Stiegler (Manager, Maritime Mobile Service Net)
* Thomson (Mostly CW)
* Tidd (DXCC Databases)
* Traubman (Russian Phrases for Amateur Radio)
* van de Kerk (CW, Low Profile)

* Veres
* Witkowski (DX QSL Info WWW Page)
* Zurn

HOMEBREWING/DO-IT-YOURSELF

* Bruhns (including Low-Level/Low-Frequency Analog, DSP, Surface Mounting, and Transmission Lines)
* Carruth (Digital Design, Software)
* Chilton
* Cieslak, C
* Dean
* DePolo
* Edwards (including DSP)
* Elmore (Construction Practices)
* Galazka
* Gilliver (DSP, Blind Issues)
* Goldman (Tech Bench Elmers Amateur Radio Society, including WWW Page)
* Gray
* Gunton (Microwave Components/Techlock Distributing WWW Page)
* Halbert (QRP)
* Hall (including DSP WWW Page)
* Hill ("Glowbugs" Tube Homebrewing Mailing List)
* Hosking (Perth, Australia Radio Experimenters Group and WWW Page)
* Ihry (General Electronics, Towers, Computers and Computer Programming)
* Johnson
* Keys (Junk Box Projects, National Electrical Code for Hams)
* Kohnen (Tubes)
* Lau (Transverters, VHF/UHF, Filters, Repeatable Projects)
* Muenzler
* Myers (Transmission Lines, Analog and Digital Design)
* Neeson
* Ornitz (Chemical and Toxic Material Use and Handling)
* Rymell (Electronics and Computers, Low-Cost Projects)
* Salyzyn
* Sayer (Class-C Bipolar Amplifiers and Phased-Lock-Loop Circuits)
* Sefranek (Amplifiers, Battery/Solar Operation, Power Supplies, and Repeaters)
* Silva (Analog, Digital, Tubes, Semiconductors, RF, Finding Parts)
* Stine (Tube Amplifiers, Receivers, and Exciters)
* Stockton (including QRP)
* Taylor (Tubes and Amplifiers)
* van Vliet (including Power Amplifiers, Low-Noise Amplifiers, and Mixers for Microwave)
* Wendt (Founder, Tech Bench Elmers Amateur Radio Society)
* Woods (Mail-Order Electronics)

IBM PERSONAL COMPUTER (PC) AND CLONES

* Ammar
* Angus
* Bellville
* Bono (AutoExam, et al)
* Buydens
* Cieslak, C
* Cole
* Crick (Windows, Ham University)
* Currie (DOS, Windows 3.x & 95, Linux, Hardware)
* Dawson (Linux on Intel)
* Dean
* Ehrlich
* Gray
* Johnson
* Keller
* Knauer
* Moor
* Muenzler
* Orcutt
* Perens (Linux for Hams CDROM)

INTERNET SERVICES

* Ammar
* Bellville
* Cieslak, C
* Currie
* Dean
* Gray
* Knauer
* Moor
* Orcutt
* Schleck
* Sohl
* Taylor

LOW FREQUENCY (LF)

* Thomson (LF/MF Radiobeacon DX'ing)

MAIL/FILE TRANSFER PROTOCOL (FTP)/WORLD-WIDE WEB (WWW)/MULTIPLE-USER DUNGEON (MUD) SERVERS/ARCHIVES

* Affens (CQ Magazine WWW Page)
* Ardai (Boston ARC WWW Page)
* Bellville (Scanner, Ham, and CB Radio WWW Pages)
* Bertolino (425 DX News and IOTA WWW Page)
* Bloom, et al (ARRL Info Mail Server)
* Bowen (rec.radio.amateur.* Supplemental Archives)
* Brewer (Antique and Older Equipment WWW Page)
* Bruinsma (VERON National and Woerden Chapter WWW Pages)
* Cebik (10-X International WWW Page)
* Cook (EME and Weak Signal WWW Page)

* deVolpi (Amsoft and World of Ham Radio WWW Page)
* Douglas (DF Systems WWW Page)
* Drechsel (Collins Radio Virtual Museum WWW Page)
* Goerg (Webb Laboratories RF/Microwave CAE WWW Page)
* Goldman (Tech Bench Elmers Society WWW Page)
* Goldstein (Packet Radio and TAPR WWW Server)
* Greatorex (Boston ARC FTP Archive)
* Gunton (Microwave Components/Techlock Distributing WWW Page)
* Hall (DSP WWW Page)
* Harding (Ham Server and WWW Page)
* Hosking (Perth, Australia Radio Experimenters Group WWW Page)
* Huntting (KaWin WWW Page)
* Keezer (HamView WWW Page)
* Kile (North American Amateur Radio Equipment Dealers WWW Page)
* Killebrew (University of Houston ARC and Internet Relay Chat
#HamRadio Channel WWW Pages)
* Knauer (National SKYWARN WWW Page)
* Komppa (Foreign Licensing WWW Page)
* Kumagai (Japanese DX Mailserver and Mailing List)
* Langner (SSTV WWW Page)
* Leadmon (WB3FFV FTP Archive and WWW Page)
* Leavey (73 Magazine RTTY Loop Column WWW Page)
* Leynes (Youthnet News WWW Page)
* Lloyd (QRZ! Ham Radio CDROM FTP Archive and WWW Page)
* Luszcz (College and University Club List WWW Page)
* Martz (Bay Area, California, DX'ers WWW Page)
* McEwen (Telegraph Key Collectors and Historians WWW Page)
* Merritt (GRAPES WWW Page)
* Moell, A (Hospital Disaster Support Communications System WWW
Page)
* Neader (Contesters and DX'ers WWW Page)
* Nerenberg (Contesting, DX, and Technical Amateur Radio WWW Page)
* Newkirk (ARRL HQ WWW Page)
* Nielsen (TAPR)
* Pawson (British Amateur Television Club WWW Page)
* Perens (Linux for Hams CDROM, WWW Page and Mail Server)
* Pulfer (Radio Amateurs of Canada WWW Page)
* Reis (Brazil Ham WWW Page)
* Sarrio (Raymond Sarrio Co. Full-Purpose Ham Radio WWW Server)
* Schwartz (NYC ARES WWW Page)
* Seney (Digital Storage Scope FAQ, Macnet, and Macintosh Amateur
Radio Software List WWW Pages)
* Simpson (Best of 75 Net and Security/Fire Systems WWW Pages)
* Smit (EME and SETI WWW Page)
* Sproul, M (APRS WWW Page)
* Stader, et al (Massachusetts Emergency Management Agency WWW Page)
* Stiegler (Maritime Mobile Service Net WWW Page)
* Strobel (K6PBT Dealer Directory WWW Home Page)
* Sussman (PACTOR News WWW Page)
* Tice (Courage HANDI-HAM System WWW Page)

* Toijala (SRAL WWW Page)
* Twigger (Amateur Radio Exam Practice WWW Page)
* Vekinis (Picosat System WWW Page)
* Walsh (QCWA WWW Page)
* Whatton (Amiga Amateur Radio User Group WWW Page)
* Wilkins (California Amateur VHF Enthusiasts WWW Page)
* Williams (Amateur Radio WWW Server)
* Williamson, P (AMSAT WWW Page and Anonymous FTP Archives)
* Witkowski (DX QSL Info WWW Page)
* Woods (Mail-Order Electronics FTP Archive and WWW page)

MAILING LISTS

* Ackermann (TAPR Net-SIG BBS)
* Adams (QRP-L)
* Ardai (Many, see full entry)
* Bauer (ARRL Bulletins)
* Cebik (10-X International)
* Colwell (Advanced Computer Controls and Link Communications Repeater Controllers)
* deVolpi (AmSoft and World of Ham Radio Product Announcements)
* Dodell (Land-Mobile Radio, MARS Members)
* French, et al (Ham-Univ College and University Clubs)
* Hill (Antique and Older Tube Equipment, rec.radio.amateur.* Working Group, "Glowbugs" Tube Homebrewing)
* Kruml (EComm Pacific Northwest ARES)
* Leadmon (MD/DC Activities)
* Madsen, et al (Iowa State Elmers)
* Meredith (F6FBB Packet BBS)
* Nerenberg (DX)
* Wier (Motorola HC11/HC16 and ICOM)
* Williamson, P (Many, AMSAT-related)

MEDIA (PUBLICATION/WRITING/BROADCASTING)

* Affens (CQ Magazine)
* Bertolino (SWL Page of Radio Rivista, Italy)
* Bloom (QEX)
* Buelow (TAPR BBSSIG User Education Working Group)
* Cebik (Technical Writing, FAQ's)
* Coletti, et al (Newsline)
* DeWolf (Media Relations for Clubs, Syndicated Columnist on Internet Matters)
* Lau (QST/QEX)
* Leavey (73 Magazine RTTY Loop Column)
* Leynes (Editor-in-Chief, Youthnet News)
* Lloyd (QRZ! Ham Radio CDROM)
* MoellJ (Homing In Column and WWW Page)
* Moore (Co-Host, Ham Radio and More)
* Moseson (CQ Magazine Online Coordinator)
* Perens (Linux for Hams CDROM)

* Ruh (ATV Quarterly)
* Schleck (FAQ's and auto-faq)
* Seney (Macnet)
* Sussman (PACTOR News)
* Witte (Ham Magazines, Electrical Engineering Publications, and a few books)

MEDIUM FREQUENCY (MF, 160 METERS)

* Gray
* Stillinger
* Thomson (LF/MF Radiobeacon DX'ing)
* Zurn

MICROWAVE

* Goerg (Webb Laboratories RF/Microwave CAE WWW Page)
* Gunton (Microwave Components/Techlock Distributing WWW Page)
* Hammill
* Lau (Transverters up to 24 Ghz)
* Reynolds (SHF)
* Stillinger
* van Vliet (including Power Amplifiers, Low-Noise Amplifiers, and Mixers)
* Veres (Commercial Radio through 12 GHz, 2.5 GHz ITFS TV)

MILITARY AFFILIATE RADIO SYSTEM (MARS)

* Alexander (Navy)
* Browne (Navy)
* Cartier (Army, CT Director for Emergency Operations)
* Dodell (Air Force, Mailing List)
* Gutstadt (Navy/Marine Corps.)
* Ingerson (Navy/Marine Corps., ME Area of Region ONE)
* Taylor (Air Force)

MOBILE/PORTABLE/FIELD DAY

* Ammar (Portable and Field Day)
* Carruth (FM and HT's)
* Chahine
* Cieslak, B (Field Day, Category 2A)
* Cieslak, C
* Dean
* Estes (Bicycle HF)
* Gray
* Hare (RFI issues)
* Hill (including MF, HF)
* Humphries
* Job (Maritime Mobile Service Net)
* Keller (HF)
* Salyzyn (HF CW)
* Schliesser (Mobile)

* Shelton, J (Field Day)
* Stiegler (Manager, Maritime Mobile Service Net)

NATIONAL TRAFFIC SYSTEM (NTS)

* Elmore
* Goldstein (NCS FL Net, Packet)
* Neeson (Eastern Canada, Digital Modes)
* Salyzyn (Canada)
* Zurn (Europe)

NORTH AMERICAN CENTER FOR EMERGENCY COMMUNICATIONS (NACEC)

* Addy (Executive Director and WWW Page)

NOVICE/TECH INSTRUCTION

* Anthony
* Bellville (K-12 Educator and Consultant)
* Bono (AutoExam/AutoCW)
* Chilton
* Cieslak, C
* Dean (York - Ontario, Canada - Region Amateur Radio Club Instructor)
* Deutschmann
* DeWolf (Ottowa Valley, Canada Instructor)
* Galazka
* Glago (Public Service for Beginning Amateurs)
* Gray
* Hill (CW Learning Hints)
* Larson
* Madsen, et al
* Maia (W5YI Group Education Division)
* Muenzler
* Myers (including Basic Electronics and Communications Theory)
* Paperman
* Redding
* Reeves
* Stader
* Twigger (Amateur Radio Exam Practice WWW Page)

PACKET AND DIGITAL NETWORKING

* Ackermann (including TCP/IP, TAPR, Net-SIG, and Kantronics D4-10 19.2kBaud Radio Modems, Joint IP Coordinator for Ohio Subnet)
* Angus (TCP/IP, NOS, UUPC, Tnet, and SNEWS, SCO Xenix, Windows 95, IP Coordinator for CA - LA County Subnet)
* Bellville (including Rose)
* Bloom (ARRL CNC Contact)
* Buelow (TAPR BBSSIG User Education Working Group)
* Cieslak, C
* Coffman (GRAPES 56 kBaud Radio Modems)
* Cole (TCP/IP and NOS)

* Coyle
* Dawson (Linux HAM and AX.25 HOWTO's, ampr.org IP Coordinator for Sydney, Australia, Internet Gateways)
* Dean
* Deutschmann
* Dodell (IP Coordinator for AZ Subnet)
* Elmers
* Fracchia (Argentina)
* Goldstein (TAPR TNC-2 Firmware, Packet Radio and TAPR WWW Server)
* Graham (KAMterm)
* Gray
* Huntting (KaWin WWW Page)
* Ingerson (TCP/IP, IP Coordinator for Maine Subnet)
* Karn (SQPSK Software Modem for Amateur Satellites)
* Leadmon (IP Coordinator for MD Subnet)
* Leynes (TCP/IP)
* Madsen, et al (Iowa State Elmers)
* Meredith (AZ VHF/UHF Digital Coordinator, F6FBB Packet BBS Mailing List and Support BBS)
* Merritt (GRAPES WWW Page)
* Neeson
* Nerenberg (TCP/IP)
* Nielsen (TAPR)
* Reynolds (TCP/IP over HF)
* Salyzyn (Canadian)
* Sayer (VHF)
* Schleck (MACA)
* Schliesser
* Seney (Macnet)
* Sproul, K (APRS)
* Sproul, M (APRS, including WWW Page)
* Stader (TCP/IP and Macintosh)
* Vail (TCP/IP, TAPR/9600)

PART-15 BROADCASTING

* Browne
* Ornitz

POWER SUPPLIES

* Cieslak, C
* Dean
* Gray
* Muenzler
* Myers
* Sefranek

PRODUCT INFO/FEEDBACK

* Bono (AutoExam, AutoCW, et al)
* Coffman (GRAPES 56 kBaud Radio Modems)

* Colwell (Advanced Computer Controls and Link Communications Repeater Controllers Mailing Lists)
* Crick (Ham University for Windows)
* Dawson (Linux HAM and AX.25 HOWTO's)
* deVolpi (AmSoft and World of Ham Radio Product Announcements Mailing List and WWW Page)
* Douglas (DF Systems WWW Page)
* Drechsel (Collins Radio Virtual Museum WWW Page)
* Gilhuly (Kentrol and SkedMan, FTP Archive and WWW Page)
* Gunton (Microwave Components/Techlock Distributing WWW Page)
* Huntting (KaWin WWW Page)
* Keezer (HamView WWW Page)
* Kile (North American Amateur Radio Equipment Dealers WWW Page)
* Lloyd (QRZ! Ham Radio CDROM, FTP Archive and WWW Page)
* Merritt (GRAPES WWW Page)
* MoellJ (Radio Direction Finding Equipment)
* Muncey (Terry Muncey dba Radio Era Schematics and Documentation Archives WWW Page)
* Paperman (Manuals, Service Information, and Literature)
* Pascal (Swisslog Ham Radio Log Program)
* Perens (Linux for Hams CDROM, WWW Page and Mail Server)
* Seney (Macnet, including Anonymous FTP Archive and WWW Page)
* Strobel (K6PBT Dealer Directory WWW Home Page)
* Traubman (Russian Phrases for Amateur Radio)
* Wier (ICOM Mailing List)

QRP (LOW POWER)

* Adams (QRP-L Mailing List, Standardized Info Sheets on QRP Rigs)
* Buydens
* Cebik (Periodicals, Electronics Books, and Antenna Books Lists)
* Galazka
* Halbert (HF)
* Muenzler
* Stockton
* Zurn

QUARTER CENTURY WIRELESS ASSOCIATION (QCWA)

* Cebik
* Cieslak, C
* Phillips
* Walsh (WWW Page)
* Williamson, G

RADIO AMATEURS OF CANADA (RAC)

* Pulfer (Treasurer, Webmaster, and WWW Page)

RADIO FREQUENCY INTERFERENCE (RFI)

* Elmore
* Gray

* Halle (AZ Repeater Association Interference Committee Chairman)
* Hare (including Automotive, Telephone, and Cable Television)
* Muenzler
* Myers
* Orcutt
* Paperman
* Sefranek
* Stockton
* Thomson (Telephone and Lightning Protection)

RECIPROCAL LICENSING/FOREIGN OPERATION

* Andrews (New Zealand)
* Bertolino (Italy)
* DeWolf (Belize and Canada)
* Komppa (Foreign Licensing WWW Page)
* Kumagai (Japanese Operating in the United States)
* Lao (Philippines)
* Lynch (Foreigners Operating in Japan)
* Reis (Brazil)
* Salyzyn (Canada)
* Stockton (UK)
* Witte (Japan)
* Zurn (Italy and Germany)

REPEATERS

* Bellville (2m/6m/440)
* Chilton
* Cieslak, C
* Colwell (Advanced Computer Controls and Link Communications
Repeater Controllers Mailing Lists)
* DePolo (VHF/UHF Design and Construction, Database Manager -
EPA/SNJ Repeater Coordination Council)
* DeWolf (Repeater Linking, St. Lawrence Valley Repeater Council
Frequency Coordinator, Past President of the Champlain Regional
Repeater Association)
* Gilbert (State Frequency Coordinator, TX VHF-FM Society)
* Gray
* Halle (AZ Repeater Association)
* Keller (220 Mhz)
* Killebrew (VHF and UHF)
* Madsen, et al
* Phillips
* Rose (AZ Repeater Association)
* Schliesser (including VHF)
* Sefranek (Building and Maintaining)
* Wilkins (including UHF)
* Witte (VHF and UHF)

SATELLITES/ORBITAL SATELLITE CARRYING AMATEUR RADIO (OSCAR)/SHUTTLE AMATEUR
RADIO EXPERIMENT (SAREX)

* Bertolino (RadioSputniks and DOVE Telemetry)
* D Alessio (Branson School SAREX Project Coordinator)
* Estes (Mostly Analog, Some Digital, and SAREX)
* Galazka
* Gilbert
* Karn (SQPSK Software Modem)
* Marchant (SAREX School Group Technical Mentor)
* Roth (Portland, OR Area AMSAT Coordinator, All Modes including AO-13 Mode S and Weather Satellites)
* Stillinger
* Vekinis (Picosat System and WWW Page)
* Williamson, P (InstantTrack, OrbitDRV, AMSAT Services)

SCOUTING

* Ammar
* Cieslak, B (Radio Merit Badge Advisor)
* Goldberg (ScoutRadio WWW Page)
* Halle (Explorer Post Advisor)
* Muenzler
* Sohl (Radio Merit Badge Counselor)

SEARCH FOR EXTRATERRESTRIAL INTELLIGENCE (SETI)

* Smit (WWW Page)

SEMINARS/LECTURES

* Dean
* Humphries
* Redding
* Sohl
* Sussman (Speaker and Host of PACTOR Forum at Dayton Hamvention)

TELEVISION, FAST-SCAN (ATV)

* Chilton
* Dean
* Galazka
* Hammill
* Larson
* Pawson (British Amateur Television Club WWW Page)
* Phillips
* Ruh (ATV Quarterly)
* Veres (UHF and 2.5 GHz ITFS TV)

TELEVISION, SLOW-SCAN (SSTV)

* Cieslak, C
* Dean
* Galazka
* Langner (including WWW Page)

TUSCON AMATEUR PACKET RADIO (TAPR)

* Ackermann (Net-SIG)
* Buelow (BBSSIG)
* Goldstein (WWW Page, TNC-2 Firmware)
* Nielsen (File Server and E-mail Contact)

UNIX

* Angus (including SCO Xenix TCP/IP and Sendmail)
* Buydens
* Carruth (System Administration, Phoenix, AZ Linux Users Group)
* Cole (including Linux)
* Dawson (Linux HAM and AX.25 HOWTO's)
* Ehrlich
* Killebrew (including Linux and TNOS)
* Nerenberg (especially System Administration, Networking, and Electronic Mail)
* Perens (Linux for Hams CDROM)
* Salyzyn (including NeXTSTEP)
* Sayer (especially SunOS)
* Schliesser

VERY HIGH FREQUENCY (VHF)/ULTRA HIGH FREQUENCY (UHF)

* Ammar
* Bellville (2m/6m/440 AM/FM/SSB/Packet/QRP/Repeaters)
* Cook (EME and Weak Signal, including WWW Page)
* Coyle
* DePolo (VHF/UHF Repeaters, Weak Signal, and Contesting)
* Deutschmann (Radio Amateurs International Awards Registry)
* Galazka
* Gapinski
* Glago (including Public Service Communications)
* Gray
* Hammill (including ATV, Weak Signal, and DX)
* Humphries (2m FM)
* Killebrew (VHF and UHF Repeaters)
* Larson (Weak Signal)
* Lau (CW/SSB to 222 Mhz)
* Reynolds (VHF/UHF)
* Schliesser
* Silva
* Sohl
* Stillinger
* Thomson (Commercial VHF and UHF)
* Veres (Amateur and Commercial Radio and UHF TV)
* Wilkins (UHF Propagation and California Amateur VHF Enthusiasts WWW Page)
* Witte (including VHF and UHF Repeaters, Portable, Mountaintopping, and Colorado 14er Radio Event)

VOLUNTEER EXAMINER (VE) AND INDUSTRY (COMMUNICATIONS) CANADA (IC) EXAMINER PROGRAMS

* Ardai (ARRL VEC Mailing List)
* Cieslak, C
* DePolo (Univ. of Pennsylvania ARC VE Team Leader)
* DeWolf (Industry Canada Designated Examiner)
* Gray (ARRL and Arkansas Area Team Liaison)
* Jahnke (ARRL VEC Manager)
* Kohnen (W5YI)
* Kumagai (Tokyo, Japan W5YI Contact VE)
* Maia (W5YI VEC)
* Paperman
* Reeves
* Sefranek (ARRL and W5YI)
* Shelton, P

-----BEGIN PGP SIGNATURE-----
Version: 2.6.2

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=WSCX
-----END PGP SIGNATURE-----

2160. Amateur Radio: Elmers List Geographic Quick-Search Index

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: pschleck@novia.net
Message-ID: <radio/ham-radio/elmers/index/geographic-1-841691866@novia.net>
Source record: 217679
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

Posted-By: auto-faq 3.3 beta (Perl 5.001)
Archive-name: radio/ham-radio/elmers/index/geographic
Posting-Frequency: posted on the first Monday of each month
URL: http://www.novia.net/~pschleck/elmers/

-----BEGIN PGP SIGNED MESSAGE-----

Amateur Radio: Elmers List Geographic Quick-Search Index

(Note: This index only lists Elmers with explicit geographic
information in their entries.)

ARGENTINA

* Fracchia (Rosario)

AUSTRALIA

* Cheeseman
* Dawson (Sydney)
* Hosking (Perth)

BRAZIL

* Reis (Natal City)

CANADA

Alberta

* Salyzyn (Edmonton)

British Columbia

* Nerenberg (Prince George)

Ontario

* Dean (Newmarket)
* DeWolf (Braeside)
* Gilhuly (Arnprior)
* Neeson (Brockville)
* Pulfer (Kingston)

FINLAND

* Komppa (Nummela)
* Toijala

GERMANY

* Elmers (Hamburg)
* Gapinski (Dettenheim)

ITALY

* Bertolino
* Zurn (Ispra)

JAPAN

* Kumagai (Tokyo)

NETHERLANDS

* Bruinsma (Amsterdam)
* Reynolds (The Hague)
* van Vliet (Delft)

NEW ZEALAND

* Andrews

PHILIPPINES

* Lao (Olongapo City)

SWITZERLAND

* Pascal

UNITED KINGDOM

* Gathergood
* Gilliver
* Pawson
* Stockton

UNITED STATES

Arizona

* Carruth (Phoenix)
* Dodell
* Halle (Phoenix)
* Lloyd (Scottsdale)
* Meredith (Phoenix)
* Moore (Scottsdale)
* Nielsen (Tuscon)
* Reeves (Prescott)
* Rose

Arkansas

* Gray (Searcy)

California

* Ammar (Monterey)
* Angus (Gardena/Los Angeles)
* Cira (Los Angeles)
* Douglas (Sacramento)
* French (Palo Alto)
* Glago (San Francisco)
* Goldberg (Huntington Beach)
* Larson (Palo Alto)
* Moell, A (Orange County)
* Shelton, P (Santa Barbara)
* Stillinger (Edwards AFB)
* Traubman (San Mateo)
* Turner (Irvine)
* van De Kerk (Santa Ana)
* Wilkins (Berkeley)

Colorado

* Elmore (Longmont)
* Huntting (Boulder)
* Knauer (Westminster)
* Myers (Ft. Collins)
* Standerfer (Loveland)

Connecticut

* Bauer (Newington)
* Bloom (Newington)
* Cartier (Middletown)
* Hare (Newington)
* Jahnke (Newington)
* Lau (Newington)
* Tracy (Newington)

Florida

* Browne (LaBelle)
* Goldstein
* Graham (Ft. Walton Beach)
* Redding (Palm Beach)
* Veres (Miami)

Georgia

* Anthony (Sautee)
* Coffman (Lawrenceville/Atlanta)
* Humphries (Atlanta)
* Merritt (Griffin)

Illinois

* Leynes (Chicago)
* Taylor (Mahomet/Urbana/Champaign)

Iowa

* Buelow (Cedar Rapids)
* Madsen (Ames)

Maine

* Ingerson

Maryland

* Edwards (College Park)
* Leadmon (Baltimore)

Massachusetts

* Ardai (Boston)
* Bellville (Millbury)
* Chilton (Marlborough)
* Ehrlich
* Halbert (West Newton/Boston)
* Langner (Chelmsford)
* Sefranek (Shirley)
* Stader (Westford)
* Vail (Billerica)

Michigan

* Galazka (Vernon, Shiawassee County)

Missouri

* Deutschmann (Creve Coeur/St. Louis)

Nebraska

* Schleck (Bellevue/Omaha)

New Hampshire

* Bono (Derry)
* Seney (Manchester)

New Jersey

* Moor (Vernon)
* Sohl (Budd Lake)
* Sproul, K (North Brunswick)
* Sproul, M (North Brunswick)

New York

* Coletti (New York City)
* Kohnen (Penfield/Rochester)

* Orcutt (West Seneca)
* Phillips (Cazenovia)
* Schwartz (New York City)
* Yee (Brooklyn)

North Carolina

* Hammill (Raleigh)
* Keys (Raleigh)
* Williams

Ohio

* Ackermann (Dayton)

Oregon

* Roth (Portland)
* Walsh (Eugene)

Pennsylvania

* Colwell (Pittsburgh)
* DePolo (Philadelphia)
* de Volpi (New Cumberland)
* Rymell (Bloomsburg)

Tennessee

* Cebik (Knoxville)
* Hill (Brentwood)
* Ornitz (Kingsport)
* Shelton, J (Clarksville)

Texas

* Chahine (El Paso)
* Gilbert (Huntsville)
* Killebrew (Houston)
* Maia (Dallas)
* McEwen (Richardson/Dallas)
* Morgan (Temple)
* Muenzler (Floresville)
* Paperman (Cut 'n Shoot)
* Wier

Washington

* Crick (Bellevue)
* Kruml (Northeast King County)
* Salnick (Spokane)

West Virginia

* Schliesser (St. Albans)

Wisconsin

* Twigger (Millwaukee)

-----BEGIN PGP SIGNATURE-----
Version: 2.6.2

iQCVAwUBMin0ASROYYq72ea1AQFlmgP/TTimsivIRSLU0OS41wSnWCztXk1KGPrP
O+jSKbi6qw4zQOjAjE4v4TlFkjADWj/VgyxT77BHjiUnsv9O6KKD0cmTHBAGl+PU
tg3gaMbAwJZItztesaULw2QOEHlQEoLEUxM2CeAhtPL93BJ3SYwV7FBJJ8zfw3n4
K89syNVTE7E=
=nAPl
-----END PGP SIGNATURE-----

2161. Amateur Radio: Elmers Resource Directory [E-K]

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: pschleck@novia.net
Message-ID: <radio/ham-radio/elmers/list/part2-1-841691901@novia.net>
Source record: 217680
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

Posted-By: auto-faq 3.3 beta (Perl 5.001)
Archive-name: radio/ham-radio/elmers/list/part2
Posting-Frequency: posted on the first Monday of each month
URL: http://www.novia.net/~pschleck/elmers/

-----BEGIN PGP SIGNED MESSAGE-----

(Continued from previous part.)

- E -

Thomas Edwards N3HAU

tedwards@eng.umd.edu

http://w3eax.umd.edu/thomas.html

* Technopagan Priest
* Member, University of Maryland ARA - W3EAX
* Digital Signal Processing (DSP)
* Electrical and Electronics Engineering

The UMARA is running a World-Wide Web hypertext page at:

http://w3eax.umd.edu/w3eax.html

Give it a try!

Scott Ehrlich WY1Z

scott@linedance.com

Internetworking ASM, Eastern Mass.

I've played around with Mac and PC hardware, as well as dabbling a
little with DOS, UNIX, and MacOS.

The Boston Amateur Radio Club World-Wide Web Home Page is now
maintained by Mike Ardai. See his entry for more information.

The Boston Amateur Radio Club Anonymous FTP Archives and Ham Radio and
More Home Page are now maintained by Cheyenne Greatorex. See his entry
for more information.

The American Radio Relay League (ARRL) World-Wide Web Home Page has
now moved to ARRL HQ. See David Newkirk's entry for more information.

Joerg Elmers DL2BCD, KD6ZYA

dl2bcd@t-online.de

+49 4022-78066

Beethovenstr. 6
22083 Hamburg, Germany

* Morse Code
* Packet Radio/Digital Networking

Kim Elmore N5OP

Kim Elmore, N5OP
1103 South Gay Drive
Longmont, CO 80501

elmore@brightband.rap.ucar.edu
AX.25: N5OP@WA8ZIA

I'm the Technical Coordinator for the Colorado Section.

* Areas of expertise:
+ RFI/EMI
+ Antennas
+ DX'ing
+ Contesting
+ HF propagation
+ CW
* Areas where I have enough knowledge to be dangerous:
+ Troubleshooting
+ Traffic Handling
+ Homebrewing and construction practices

Wayne Estes WD5FFH

Wayne_Estes@csg.mot.com

* Amateur Satellites
* Bicycle Mobile HF

I am most knowledgeable about analog satellites, but I would be
willing to answer questions about digital satellites and SAREX (I have
lots of reference information).

- F -

Marcelo Fracchia LU9FQT

tecnicai@satlink.com

FAX: +54 041-261190

P.O. Box 263
2000 Rosario
Argentina

Packet and Digital Networking

Robert S. French AC6GO

rfrench@cs.stanford.edu

http://hawg.stanford.edu/~rfrench/

The Stanford Amateur Radio Club, W6YX, will be taking over the
Ham-Univ Mailing List for College and University Amateur Radio Clubs,
effective immediately.

The new address will be: ham-univ@w6yx.stanford.edu

The old address at the New Jersey Institute of Technology will
continue to work for the time-being as a forwarder to the new address.

To subscribe or unsubscribe, send mail to:

ham-univ-request@w6yx.stanford.edu

with the body saying "subscribe" or "unsubscribe".

Current subscribers have been automatically added to the new mailing
list.

Please let ham-univ-owner@w6yx.stanford.edu know if there are any
problems.

Stanford Amateur Radio Club (W6YX) WWW Page is at:

http://w6yx.stanford.edu/

- G -

Ed Galazka WB8WTB

martini@tir.com

+1 517 288-2342

P.O. Box 424
Vernon, MI
(Shiawassee County)

* Satellites (AMSAT/OSCAR/SAREX)
* EME
* Antennas
* Morse Code
* DX
* Equipment Testing/Troubleshooting
* HF
* Homebrewing
* Novice/Tech Instruction
* QRP
* Amateur Television
* Slow-Scan Television
* VHF

Ham Operator since 1975

Advanced license, Passed Extra CW

I love CW. My station is all-band, all-mode from QRP to EME, including OSCAR, WEFAX, TNC, SSTV, ATV. My strongest areas of expertise are CW, antennas, and teaching theory. I would be happy to help individuals or groups.

Bernie Gapinski DK3ZT, AB7IY

gap@ilk.de
AX.25: DK3XT@DB0GE.#SAR.DEU.EU

+49 07255-20604

Nelkenweg 7 76706 Dettenheim Germany

http://www.ilk.de/sites/gap/

VHF/UHF

Mike Gathergood G4KFK

mike@g4kfk.demon.co.uk

Tel +44 01753 582085
Fax +44 01753 592726

Sysop, The CQ Centre BBS

+44 01753 595468 and +44 01753 593524

Fidonet 2:252/320

Hundreds of Megabytes of Quality Software for Radio Amateurs and SWLs

---

Paul Gilbert KE5ZW

{~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~|~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~}
{ | Do Not Be Afraid Of Any Man }
{ Paul Gilbert, KE5ZW | No Matter What His Size }
{ Huntsville, TX 77340 | Just Call On Me In Time Of Need.. }
{ +1 409 291-9532 | And I Will Equalize! }
{ vis_pfg@pip.shsu.edu | Samuel E. Colt }
{ | 1838 }
{ | }
~~~~~~

State Frequency Coordinator, Texas VHF-FM Society

(We do the repeater coordinating in Texas.)

I have done HF, Satellites, VHF/UHF, and been in amateur radio for 10 years. I don't know it all, but through my contacts I can find someone that can usually answer most of the questions.

I also know of several other coordinators in the US and have contacts through the ARRL and a BBS.

Brian Gilhuly VE3BGB

Brian Gilhuly VE3BGB Author of KENTROL, the ultimate in
rig control/logging/memory mgmt software
brian@synapse.net for Kenwood HF rigs and MS Windows
CompuServe: 73257,3131
Tel/fax: +1 613 623-9735 Kentrol Web Page:
http://www.synapse.net/~kentrol/
76 McDonald Street S Kentrol FTP Site:
Arnprior ON K7S 2W5 Canada ftp://ftp.synapse.net/private/k/kentrol/

Kentrol is a Windows 3x control program for Kenwood HF transceivers and the R-5000 receiver, which has built-in logging and memory-management capabilities. Since its introduction in 1991, Kentrol has set the standard for Windows-based rig automation, and new features continue to be added regularly. SkedMan is an automated sked manager for Kentrol. Enter schedule data, set alarms, and when an alarm goes off, SkedMan uses - even launches - Kentrol to tune it in.

Kentrol and SkedMan are shareware, so if you haven't tried them, you are most welcome to do so.

J. P. (John) Gilliver G6JPG

g6jpg@soft255.demon.co.uk
AX.25: G6JPG@GB7NNA.GBR.EU

Digital Signal Processing

Computing and Electronics for the Blind (including Radio)

~~~~~~

Eran Glago KD6KVO

glago@aol.com

I am into public service, and also ARES/RACES. I am the Emergency Coordinator for both organizations in Sonoma Valley, Sonoma county, San Francisco Section of California.

We do ARES and RACES as one program here, and actually lean more towards RACES because the government entities are so supportive.

I like to encourage newer hams to participate in the events for which I coordinate the communications. It's ideal training for emergency services, and it's fun, too. Codeless Technicians who can't participate on most HF NTS traffic nets have a real role to play here, as we generally use VHF and UHF, and these amateurs are instrumental with their enthusiasm in filling the rosters.

It's also sometimes a good initiator for those new hams who are self-conscious talking with other, experienced hams one-on-one, but are OK talking formally to a net control station. Similarly, I try to encourage those new hams who became hams so they could talk to their ham spouses, and all you ever hear them do is talk to their spouses and to no-one else. While that's perfectly OK in and of itself, public service is a good way to break out of that mold and get more fun from radio while really helping out.

Kathy Goerg

kgoerg@webblabs.com

Webb Laboratories RF/Microwave CAE World-Wide Web Page:

http://www.webblabs.com/

(Featuring information about receiver engineering, structure synthesis, and active filter design.)

Mel Goldberg KO6TF

scoutradio@scout.net

Assistant Scoutmaster, Troop 319 & Webmaster Advisor

ScoutRadio World-Wide Web Page:

http://scout.net/ScoutRadio/

ScoutRadio is a "good turn project" of Troop 319, Huntington Beach, California USA. Our goal is to promote amateur radio in Scouting, including past & present Scouts & Scouters, and being prepared with ham radio, helping community and country.

Current Projects:

* National Hurricane Center
* Jamboree-on-the-Air (JOTA) Matchmaking Hams with Troops
* Scout Discounts on Ham Equipment
* Donation of old Handheld Transceivers (HT's) to Troops

Officially ARRL approved as the JOTA info site.

Learn how to stay in touch on long backpack trips.

Robert F. (Bob) Goldman K6BD

bgoldman@mail.microsys.net
AX.25: K6BD@W6TJ.#SOCA.CA.USA.NOAM

http://www.geocities.com/SiliconValley/4333/

+1 909 780-3217

I am always open to Elmering....anyone is welcome to contact me.

Tech Bench Elmers Amateur Radio Society

(Devoted to homebrewing and technical amateur radio in general)

Tech Bench Elmers World-Wide Web Page:

http://www.geocities.com/SiliconValley/2775/

Howard Goldstein N2WX

Howard Goldstein | "Civilization is the distance man | hg@n2wx.ampr.org
N2WX | has placed between himself and | CIS:75006,702
| his excreta" Aldiss |
http://www.tapr.org/~n2wx/
"What doesn't kill me makes me stronger" Lisa

Wrote and maintain TAPR TNC-2 firmware (and some clones)
" " " TAPR and Packet Radio WWW Home Pages
Active on CW (NCS for Fri. Florida section net "QFN") and packet NTS
ARRL volunteer counsel (Florida _only_)

Packet Radio and TAPR are on the World-Wide-Web!

* http://www.tapr.org/tapr/html/pkthome.html
* http://www.tapr.org/tapr/

What's here? A page of links (the Home Page), the TAPR Home Page, a
page of Packet Pioneers and Contacts, a hypertext packet primer and
FAQ, and more.

We seek: more packet-specific links to add and any comments and
suggestions on how to make the series more useful. All ideas welcome,
please send them to my E-mail address above.

Jim Graham N5IAL

73 DE N5IAL (/4) MiSTie #49997 < Running Linux 1.0.9 >
jim@n5ial.mythical.com ICBM: 30.23N 86.32W
|| j.graham@ieee.org Packet: --OFFLINE-- (Ft. Walton Beach, FL)
E-mail me for information about KAMterm (host mode for Kantronics TNCs).

KAMterm is a host mode terminal program for Kantronics TNCs that I
wrote and released as shareware.

My professional field is telecom (data communications is my key area
of expertise).

I also have experience with wire HF antennas for apartments and other
small spaces.

Roger Gray AB5QS

ab5qs@amsat.org
AX.25: AB5QS@KB5DBI.AR.US.NA

+1 501 729-5489

P.O. Box 166
Searcy, AR 72145-0166

* ARES (Arkansas Section)
* Antennas
* Commercial Equipment
* HF/Contesting/DX
* Homebrewing
* IBM PC
* Internet Services
* 160 Meters
* Mobile/Portable/Field Day
* Novice/Tech Instruction
* Packet Radio
* Power Supplies
* RFI
* Repeaters
* VHF/UHF
* Volunteer Examiner (ARRL VEC and Area Team Liaison)

Cheyenne T. Greatorex N1QZS

n1qzs@magrathea.com

http://www.magrathea.com/~ctg/

I co-maintain the Boston Amateur Radio Club anonymous FTP file
archives with Phil Temples, K9HI (phil@temples.com).

A sampling of the archives include:

A virtually complete archive of all ARRL bulletins since 1992 is available at:

ftp://ftp.barc.org/pub/hamradio/barc/w1aw-list/

A mirror of all files available from the ARRL info server is also available:

ftp://ftp.barc.org/pub/hamradio/arrl/infoserv/

The ARRL infoserver mirror has FCC Part 97 (U.S. Amateur Radio Service Rules and Regulations) at:

ftp://ftp.barc.org/pub/hamradio/arrl/infoserv/rib/part97.txt

Programs mentioned in QST are in:

ftp://ftp.barc.org/pub/hamradio/arrl/qst-binaries/

Amateur Radio Newsline is now also being archived, too:

ftp://ftp.barc.org/pub/hamradio/docs/newsline/

Macintosh Amateur Radio Software Archive:

ftp://ftp.barc.org/pub/hamradio/mac/

Ham Radio and More, the radio show carried live every Sunday (6pm - 7pm EST) on the Talk America Radio Network, now has a World-Wide Web home page:

http://www.barc.org/barc/ham-more/ham-more.html

Please direct any feedback, submissions, or administrivia regarding these resources to my E-mail address above.

Ken Gunton WB6QWF

kenny@erinet.com

Microwave Components World-Wide Web Page:

http://www.erinet.com/kenny/microwave.html

It changes from time to time, so stop back often! Don't see the component you want? Just call, fax your spec, or e-mail and attach your drawing or spec for a quick quote at BIG savings.

My company, Techlock Distributing, sells RF and microwave components of many different types. I own the company, and it's a small, one-man operation. While I don't sell Ham equipment per se, I have sold some dividers, etc. to hams for their use.

Allan (Al) Gutstadt KF9RA, NNN0VMA

nnn0vma@bluemarble.net

Navy/Marine Corps. MARS

- H -

Dan Halbert KB1RT

halbert@world.std.com

QTH: West Newton, MA, near Boston.

* Building homebrew QRP gear.
* Information about QRP-NE Club.
* Advice on simple antennas.

Doug Hall KF4KL

doughall@nando.net

JPS Communications, Inc.

For those interested, JPS Communications, makers of DSP noise filters
and other radio-related products, has a page on the WWW. The URL is:

http://emporium.turnpike.net/J/JPS/jps.html

Also, I'm in the process of collecting links to pages relating to uses
of DSP in amateur radio. If you know of some, I'd appreciate hearing
about them. There are a lot of people experimenting with new
modulation schemes, voice compression, noise reduction, DSP IF
techniques, and lots of other interesting applications. I'm planning
to add a page with links to this information, so keep an eye out for
it, and if you have something to share, please drop me a line.

Lance Halle KC7FVX

lanceh@crl.com

I will be glad to field questions in the following areas:

DFing
Local interference committee chairman

OO questions
Phoenix area Official Observer Coordinator

BSA Merit badge
Advisor of Ham Radio Explorer Post

Just let me know what all you need and I'll do what I can.

News of local enforcement actions and FCC Notices of Apparent
Liability (NAL) may be found on the WWW page of the Arizona Repeater
Association (of which I am a member):

http://www.indirect.com/www/ara/

Brian Hammill KD4BFJ

- ----------
Brian Hammill, KD4BFJ | brianh@dante.exide.com
Software Engineer | Exide Electronics - Small Systems Group
Raleigh, NC | "Powering Your Network with Intelligent Solutions"
- ----------

I am especially interested in VHF/UHF and microwave amateur bands as
well as Amateur television. I am treasurer and a founding member of
the newly-formed Triangle Amateur Television Association in
Raleigh-Durham- Chapel Hill, NC. I am willing to share my expertise in
the following areas:

* ATV - Getting started, starting local activity, repeaters.
* VHF/UHF - Propagation, what you need to get started, operating
portable, contesting, weak signals, and DX.
* Sealed Lead Acid Batteries - How to take care of them.

Steve Harding KA6ETB

ka6etb@grafex.sbay.org +1 408 252-0578 alternate: harding@nas.nasa.gov
For amateur radio related information, send a message to:
ham-server@grafex.sbay.org
and put "HELP" and/or "GET /HAMRADIO/INDEX.TXT" in the body.

HAM-server is now on a 486 with nearly 70 MB of data. Besides DOS,
there are some UNIX, Mac, and OS/2 files.

Most files have been taken from the various ftp-servers world-wide.
However, there are many programs that have been donated by HAM-server
users.

Submissions welcome. Send to incoming@grafex.sbay.org.

Ham-server World-Wide Web Home Page:

http://www.ati.com/hamserv/

Ed Hare KA1CV

Ed Hare, KA1CV | ehare@arrl.org
American Radio Relay League |
225 Main St. |
Newington, CT 06111 |
+1 860 594-0200 - voice
+1 860 594-0259 - FAX

ARRL Laboratory Engineer

* Radio Frequency Interference (RFI) matters
* Equipment Testing

My survey of automotive EMI problems is mostly complete. The results are in September 1994 QST, including warranty and customer service information for most automobile manufacturers (many of whom have published installation guidelines).

I am also continuing to pursue more formal contacts and standards-making through the EMR and EMI Standards Committee of the Society of Automotive Engineers (SAE), of which I am a member.

Copies of General Motors installation guidelines are available. Saturn allegedly has a video on mobile installation, but none of the dealers seem to know about it. I have a call into one of my low friends in high places. :-)

If anyone would like a copy of the GM installation guidelines, send a 9X12" SASE with two units of postage *and* a specific request for the "GM Installation Guidelines" to the ARRL Technical Department Secretary, 225 Main St, Newington, CT 06111. A copy has been reprinted in the ARRL book -- Radio Frequency Interference -- How to Find It and Fix It.

EMI/RFI Resource List and RFI Tips package available. A business SASE with 98 cents postage is appreciated. Please specify the desired documents in your correspondence.

The FCC has released the results of a telephone interference survey just completed.

If you would like a copy of the survey, which includes a list of telephone models checked, send an SASE with two units of first class postage to the Technical Information Service at ARRL HQ. Alternatively, you may obtain an electronic copy from the info server below.

If leakage from your local Cable TV operator is interfering with the Amateur Radio Service, it is in violation of the provisions of Part 76 of the FCC regulations.

I would first direct the problem toward the cable company system engineer or service manager. Chances are the "front-line" people who answer the phone don't know what you are talking about.

If this is not effective, contact me here at ARRL HQ. I can put you in contact with our liaison to the National Cable Telecasters Association. This liaison will help your cable operator understand their responsibilities.

For CATV interference problems in general, I recommend you obtain our Radio Frequency Interference Book. If you are a League Member, you can also get a copy of the ARRL Technical Information Service info package on CATVI -- "EMI/RFI - CATV" by sending a LARGE SASE with 3 stamps on it to the ARRL Technical Department Secretary, 225 Main St, Newington

CT 06111. This package is a reprint of an article I wrote for Communications Technology -- the Journal of the Society of Cable Television Engineers. We submitted it to "their" journal because we felt that it would carry more weight with the cable companies.

If you have any questions after you have read the material, contact me here at HQ. I can usually get back to you within a few days to offer some additional help.

Many amateur radio informational documents (including EMI/RFI files) are also available from the ARRL info server. Send E-mail to info@arrl.org with the word "HELP" in the message body.

See Cheyenne Greatorex's entry for information about the ARRL Anonymous FTP Archive and David Newkirk's entry for information about the ARRL World-Wide Web Home Page.

Jack G.F. Hill W4PPT

Jack, W4PPT/M (75M SSB 2-letter WAS #1657/#1789 -- both from the mobile! ;^)
- ---
Jack GF Hill |Voice: +1 615 459-2636| Ham Call: W4PPT
P. O. Box 1685 |Modem: +1 615 377-5980| Bicycling and SCUBA Diving
Brentwood, TN 37024 |Fax: +1 615 459-0038| Life Member - ARRL
root@jackatak.ThePorch.com - "Plus ca change, plus c'est la meme chose"

Mobile Antenna Systems and Installation (Primarily HF)

* power distribution
* frame grounding
* antenna selection and construction
* mounting the rig
* useful accessories
* Keeping it Simple (avoiding task overload)

I have agreed to provide a new home for the "Boat Anchor" mail list, with the blessings of Paul Prescott, N1AAC, who took over from Our Esteemed Founder Jim Lockwood, KM6NK. I have also agreed to take over the rec.radio.amateur.* Working Group mail list, formerly maintained by Ian Kluft, KO6YQ. In addition, a new mailing list devoted to homebrewing tube transmitters and receivers ("Glowbugs," a sort of intersection between Boatanchors and QRP) has been created.

The mailing list addresses are:

* boatanchors@ThePorch.com (*)
* rra-wg@ThePorch.com
* glowbugs@ThePorch.com

Use these addresses for messages of general interest to the entire group. Please don't use them to subscribe, change address, etc.

(*) Effective 15 March 1996, the BoatAnchors list went to a subscription-only list, with $12 US per year as "dues" to support the list.

With monthly costs for Net access at $350 US/month and telephone line charges of $50 US plus, we are not getting rich. The fee was set after much consultation and wrangling, and was designed to cover the costs of running the list... and hopefully provide a surplus to upgrade the services we can provide, like better mail delivery, larger archives, etc.

The new automated list manager address is

ListProc@ThePorch.com

Use this for subscribing, unsubscribing, getting archived info, getting the FAQ message, changing your address, etc.

To subscribe, send a message to this address with "subscribe boatanchors <your name>" or "subscribe rra-wg <your name>" Similarly, to unsubscribe, replace "subscribe" with "unsubscribe"

The new list owner address is

ListOwn@jackatak.ThePorch.com

Use this address only when there is a problem which really truly can't be resolved otherwise.

Richard Hosking VK6BRO

richardh@iinet.net.au

Perth (Australia) Radio Experimenters Group World-Wide Web Page:

http://www.iinet.net.au/~richardh/

(Featuring information about homebrewing and electronics design.)

Ed Humphries N5RCK

Ed Humphries Hewlett-Packard NARC Atlanta GA
N5RCK Internet edh@hpuerca.atl.hp.com

Past President, Williamson County (TX) ARC

Former Assistant Emergency Coordinator for Williamson County ARES/RACES

2-meter FM, VHF Antennas, Mobile Installations Organizing Amateur Radio Seminars and Programs Multiband wire antennas, Field Day Activities and general WeatherNet & public service enthusiast

---

Stan Huntting KF0IA

stan@mutadv.com

4655 Pleasant Ridge Rd.
Boulder, CO 80301-1731
USA

FAX: +1 303 444 2314

KaWin World-Wide Web Home Page:

http://www.mutadv.com/kawin/

KaWin(c) supports multiple host mode Kantronics(r) TNCs in all HF and VHF modes in MS Windows(R). Download the fully functional KaWin program from the KaWin WWW home page.

- I -

Michael Ihry AC5CT

mihry@topher.net

+1 903 883-3789

Areas of Expertise:

* Electronics in General
* Antennas
* Towers
* CW to 20 Meters
* Computers and Computer Programming

Carl Ingerson N1DXM, NNN0HLC

cingersn@bdam.win.net

Navy/Marine Corps. (NAVMARCORPS) MARS

(Maine Area of Region ONE)

ampr.org IP Coordinator for Maine subnet (44.118.xxx.xxx)

I can get just about any answer needed for TCP/IP, if I don't know it myself. I have a close friend who will know the answer (he doesn't have E-mail access).

I am more than glad to offer my assistance. Being up here in the "sticks," I remember how difficult it was to find assistance back when I became interested in Amateur Radio.

[Editor's Note: All ampr.org coordinators are listed in the document at:

ftp://ftp.ucsd.edu/hamradio/amprnets

]

- J -

Bart Jahnke KB9NM

```
=============================================================
= | ARRL HQ =
= Bart J. Jahnke, KB9NM | Tel: +1 860-594-0300 =
= ARRL/VEC Manager | Fax: +1 860-594-0259 =
= 225 Main St | Internet: vec@arrl.org =
= Newington CT 06111 (USA) | MCI MAIL ID: 653-2312 =
= | =
=============================================================
```

* Listings of Examination Opportunities -- bi-weekly postings
ftp://rtfm.mit.edu/pub/usenet/rec.radio.amateur.misc/
* Volunteer Examining procedures - ARRL VE Manual
* Support and Instruction for Volunteer Examiners - Coordinating
Exams
* Member, National Conference of VECs Question Pool Committee
* Information on what's required to become an Amateur Radio licensee
* Contributing Editor - QST Magazine - Exam Info column

See the entry for Michael Ardai for information about receiving ARRL VE announcements and examination schedules via E-mail.

See Cheyenne Greatorex's entry for information about the ARRL Anonymous FTP Archive and David Newkirk's entry for information about the ARRL World-Wide Web Home Page.

Tom Job VE3II

ve3ii@bconnex.net

Maritime Mobile Service Net (MMSN)

(See also Rene Stiegler)

Robert K. Johnson KD6MQE

rkj@earthlink.net

* Homebrewing
* IBM PC

- K -

Phil Karn KA9Q

karn@unix.ka9q.ampr.org

http://www.qualcomm.com/people/pkarn/

High-Performance Software Modem Project

Recently I've been working on a prototype SQPSK (staggered quadrature phase shift keyed) modem for the amateur satellite channel. This modem is implemented totally in software running on a PC with an ordinary (non-DSP) Soundblaster card. It runs at 1200 bps and fits into a SSB transceiver bandwidth.

I've made good progress and have put some info up on my web page about it, including an audio file to show what it sounds like in noise when the signal is still copyable, available from:

http://www.qualcomm.com/people/pkarn/ham.html

Watch that page for an announcement of when I actually release the code, which I plan to integrate into KA9Q NOS.

[Editor's Note: I'm honored by the presence of many advanced-level Elmers in this directory, including Jeffrey Angus, Gary Coffman, and now Phil Karn. Phil has graciously agreed to appear in this directory for the purpose of elmering and technical exchange for the advanced topics listed above. As with all of my Elmers, please respect their time by only seeking assistance from them for the topics under which they are listed. There are many Elmers willing to answer more beginning-level packet radio questions, including basic questions about IBM PC hardware, TCP/IP and NOS. Consult the "IBM PERSONAL COMPUTER (PC) AND CLONES" and "PACKET AND DIGITAL NETWORKING" categories in the Subject Quick-Search Index for a complete list.]

Paul Keezer NX1P

logview@keez.tiac.net

Finally a WWW page has been set up for HamView products, a Windows based Ham Radio program. This page can now be located at:

http://www.tiac.net/users/pkeezer/hamview/

There is an upgrade file right now for Win95, but the bug has only been corrected in Logview 5.0. Come and check us out.

Michael S. Keller AB5EL

71620.447@compuserve.com

Areas of particular knowledge:

* PC-style computers
* Mobile installations (rearranging mobile HF right now)
* Repeaters (after a fashion--building a 1.25m repeater)

R. D. Keys NA4G

Dept. of Crop Science
NCSU
Raleigh, NC 27695-7620

rdkeys@csemail.cropsci.ncsu.edu

de NA4G, "Boat Anchor Bob", an ol' cw fart .....

If I can be of assistance in older equipment, junk-boxing your way to hamdom, the cheapskate's approach, let me know.

22 yrs a ham, extra class, mostly cw, mostly boat anchors and radio in the traditional sense.

{Telegraphy has been in my family for almost 100 years!}

CWISTS Friday Night Fist Function

Standard time: Friday Nights at MIDNIGHT LOCAL TIME

Standard freq:
80 meters --- 3702.5 kHz for all hands.
40 meters --- 7102.5 kHz alternate, for all hands
(between the heterodynes, someone scout out a better QRG)

Standard calling signal:
CWIST IMI DE <yourcall> K (if there are no control stations calling for you to check in), or, CWIST DE <yourcall> K (if there is a control station inviting checkins) (The alternative check in for those OTs with salt behind the ears is a simple DE to get the control station's ears followed by DE <yourcall> K when the control station acknowledges.)

Note:
A simple informal net style protocol will generally be used, unless no control station assumes control for the evening, in which case it is an open roundtable format discussion group.

Note:
The midnight local time gathering is designed to maximize the number of checkins spread out over the world, so less confusion and more checkins are heard. The hope is that someone will be aboard almost anywhere and be heard at least locally, anywhere in the world.

Definition:
A CWIST is a person with an active interest in the PRACTICE and USE of continuous wave radiotelegraphy as directly is applicable to amateur radio. Such PRACTICE and USE may take the form of learning about radiotelegraphy and its history in amateur/commercial areas, its application to radio telecommunication, the practicing of the art and craft of

radiotelegraphy, and the refining and developing of the
technology of radiotelegraphy.

Author of NA4G's National Electrical Code for Hams

ABSTRACT

This work was presented as a talk to the Homebrew Special
Interest Group (HB-SIG) of the Raleigh Amateur Radio Society
(RARS), on 15 January, 1991 and was revised for another
presentation on 26 January, 1994.

This document contains excerpts of the National Electrical
Code (NFPA 70-1990) that, in the author's opinion, apply to
the installation of amateur radio equipment as would
commonly be found in most amateur radio stations. Direct
excerpts from the Code are contained within inset
quotations. Paraphrased excerpts from the Code are
itemized. The author's interpretation and discussion of the
Code is set full-width. The author's interpretation and
discussion of various sections of the Code is not meant to
be all-encompassing, nor the official interpretation of the
National Fire Protection Association, nor of any official
governing body having legal authority of jurisdiction over
electrical installations, but is meant to be used as a
teaching tool for amateur radio operators.

For ease of access, the group of files have been 'rolled into one'
both in tar-compress (862K, for Unix jocks) and PKZIP 2.04g (732K, for
MS-DOS users) formats. Both are available from:

ftp://sunsite.unc.edu/pub/academic/agriculture/agronomy/ham/things-to-
build/na4g/

Robert A. Kile KG7D

midnight@accessnv.com

A Current list of Dealers and Manufacturers of Amateur Radio Equipment
in North America is now available on HR Showcase Amateur Radio WWW.
The URL is:

http://www.accessnv.com/hrshow/

The listing will be updated as more come on line. Enjoy!

Brad Killebrew N5LJV

E-mail: n5ljv@uh.edu
E-mail: n5ljv@cet.net
AX.25: N5LJV@F6CNB.#SETX.TX.USA.NOAM

My interests and areas of expertise are

* TNOS Packet Gateway (hougw.ampr.org)
* Unix and Linux systems
* Volunteer Examiner (W5YI #6913 and ARRL/VEC)
* VHF and UHF repeaters

I'm the trustee of the University of Houston Amateur Radio Club
WB5FND. URL is http://wb5fnd.tech.uh.edu/

I maintain the Internet Relay Chat #HamRadio Home Page. URL is
http://wb5fnd.tech.uh.edu/irc/

I co-authored the Mod and Features info for the Kenwood TM-733A radio.
The master copy is at

ftp://wb5fnd.tech.uh.edu/pub/hamradio/mods/kenwood/

Christopher Knauer KB9CCR

cknauer@sni.net

5004 W. 92nd Avenue #123
Westminster, CO 80030

+1 303 403-1883

Webmaster, National SKYWARN World-Wide Web Page:

http://www.skywarn.org/

(Working with the ARRL and the National Weather Service to provide
authoritative information about weather spotting both to SKYWARN
members and the general public.)

Also have experience in:

* ARES
* IBM PC's
* Internet Services
* Commercial Broadcasting (Assistant Engineer and Manager of
Information Services)

Louis J. Kohnen K2ANC

K2ANC.Wbst128@xerox.com

Penfield, NY near Rochester

I'll be glad to help out with tube circuits and VE testing.
(W5YI VE# 3182)

Veikko (Veke) Komppa OH2MCN

- --
Veikko Komppa "Veke"
Collecting licensing information via Internet
MORE THAN DXCC AVAILABLE THRU The Web
Licensing info in Web at http://www.clinet.fi/~jukka/license.html
OH2MCN, ex OH5VD,OH2XD,CR9D,VK9YD,S79VD,FR0VD,3D2VD,9M8VD,5W1VD
Internet: Veikko.Komppa@vtt.fi
QTH: Paaskynkuja 7, FIN-03100, Nummela, Finland tel. +358 0-22 22 448
JOB: P.O.Box 1401, FIN-02044 VTT, Finland tel. +358 0-456 5260
fax. +358 0-456 7026
- --

Information for licensing abroad for radio amateurs

(See Web URL above.)

Ronald G. Kruml KB7JCP

kb7jcp@aol.com
kb7jcp@worldnet.att.net

AX.25: KB7JCP@N7DUO.#WWA.WA.USA.NOAM

Northeast King County (Washington State, USA) ARES Emergency Coordinator

Editor, EComm News

EComm News is a weekly newsletter aimed at Amateur Radio Operators and Emergency Management Officials in the U.S. Pacific Northwest. The newsletter contains local announcements, public service opportunities, Amateur Radio news and information, Internet resources for Amateur Radio and Emergency Management, as well as many training topics.

The newsletter is published as a public service by King County Amateur Radio Emergency Service, Fire Zone 2.

To subscribe to the list, send e-mail to: listserv@listserv.aol.com

Enter the command line, SUBSCRIBE ECOMM-NEWS, in the body of the message.

For more information on the list, point your web-browser to:

http://ifrit.web.aol.com/mld/production/yiaz0823.html

Tack Kumagai JE1CKA, KH0AM

je1cka@nal.go.jp

P.O. Box 22
Mitaka, Tokyo 181
Japan

Voice: +1 81 30-066-6408
FAX: +1 81 423-93-4449

My primary interest is contesting (especially DX). I've been a committee member of the CQ WW (World Wide) DX contest and a committee chairman of JIDX (Japan International DX) contest. If you have any questions or opinions on the above contests, your input will be accepted by E-mail at any time.

I've been running an information server and mailing list server for the following topics:

Japanese International DX (JIDX) Info-Server

Any JIDX contest results/rules will be available by jidx-info@dumpty.nal.go.jp by sending

help

in the body of the E-mail message.

Japanese CQ Contest Mailing list

Archived "cq-contst" reflector re-distribution. send a request to contest-request@dumpty.nal.go.jp with the message

subscribe cq-contest-digest your_callsign <your_email_address>

Tokyo VEC Team Coordinator

I've been leading the Tokyo VEC team since 1991 under the W5YI-VEC system. Exams will be held on the first Sunday afternoon in EVEN months. All examinees are requested to register in advance one week prior to the exam date. The VE Exam is open to any person who actually plans to operate from the US, but is not intended for license collectors.

(Continued in next part.)

-----BEGIN PGP SIGNATURE-----
Version: 2.6.2

iQCVAwUBMisooiROYYq72ea1AQHV5gP/cNGhpWN7TWeTdWBHZoCFe5QJXc67giZB
J4eKxv+VT0/wNKSxn+LHSAr08xBloWCve81KjEKbB9JCFo84W5gTY1ZxhrFkSOPS
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g6p3HIL9dNg=
=+zfB
-----END PGP SIGNATURE-----

2162. Re: rsgb g0tww:Stop the knocking

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: jacques@thecroft.demon.co.uk
Message-ID: <841691803.5983.2@thecroft.demon.co.uk>
Source record: 217681
Cross-posted to: uk.radio.amateur,rec.radio.amateur.policy,rec.radio.amateur.misc

carl@ais.net wrote:

>In <01bb9773$b93349c0$3e8eb0c2@kraftee.proweb>, "Brian {G7SMQ}" <kraftee@proweb.co.uk>
writes:
>>these questions I MUST ask:-
>>
>>1)Is the RSGB mainly interested in making a good profit, indeed any profit
>>& if so when are you going to start worrying about the ongoing drop of
>>members?
>>

>Sounds a LOT like the ARRL ... and I thought we US hams were the only
>ones with a "National Spokes-Organization" that's really a front for a
>business empire whose primary purpose is to keep the "leadership" from
>having to get REAL jobs ...

>>2)Isn't the RSGB supposed to be for the furtherance of amateur radio in the
>>UK not the furtherance of some clique of supposed professionals?
>>

>Same response as above ....

>Carl - wa6vse
>carl@ais.net

I think it stems from what I call the "caretaker syndrome":- the
state of affairs when people have sway over property / rules of
conduct / club activities / intellectual properties/ power etc.
The role then is devoted to the keeping of that influence, rather than
using it to execute the job it was given for in the first place.

These "caretakers" are appointed, voted on, or mould a job for
themselves in any organisation.
There follows an unshakable faith that their decision is the correct
one because of insider information, and this is bolstered up by the
realisation that the system can be manipulated to give endorsement to
a preconceived result.
It happens in trade organisations, clubs, companies, political
parties, the quartermaster's stores, schools and councils.

There then follows the inevitable power struggle, where people who are
not happy with the status quo, take on the establishment, and either
succeed or fail. Various stratagems are employed by both sides,
usually dressed up in the guise of democracy, but what we have is as
old as the human race.
The fact that the "silent majority" want a good service, but have

neither the time nor the inclination to "get stuck in" just perpetuates the situation.

Depressing, but true.

The fact that packet and the internet can allow people to hack away at others without having face-to-face contact, has exposed *much* dis-satisfaction and angst which has hitherto stayed under the surface.

I have no axe to grind either way, other than to say I find the whole situation disappointing in the extreme.

I might also say that I view it as significant, that the organisation which supposedly looks after the PR of radio amateurs in our fair land, and beyond our borders, seems to be the last group of people to wake up to the *need*,(let alone the opportunities) for PR on the net, and on packet, (where their credibility is being attacked daily, and where they could do a really good job of publicly redressing the balance.

People who move slower than their customers end up on the rocks.

(Phew! did I write all that?)
Please folks, grow up.

It is the result of quasi-democratisation of an organisation, and is kept alive by the apathy or the

Jacques

Remember when sex was safe...
and rock climbing was dangerous?

2163. Amateur Radio: Elmers List Info and Administrivia

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: pschleck@novia.net
Message-ID: <radio/ham-radio/elmers/admin-1-841690350@novia.net>
Source record: 217682
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

Posted-By: auto-faq 3.3 beta (Perl 5.001)
Archive-name: radio/ham-radio/elmers/admin
Posting-Frequency: posted on the first Monday of each month
URL: http://www.novia.net/~pschleck/elmers/

-----BEGIN PGP SIGNED MESSAGE-----

Amateur Radio: Elmers List Info and Administrivia

This administrivia file and the companion Amateur Radio Elmers Resource Directory are intended for non-commercial distribution via the Internet. Any other uses, please E-mail for permission.

[Special Note: Greater Omaha Public Access Unix has been acquired by Novia Internetworking as of September 1, 1996. Novia will assume ownership of the gonix.com domain and intends to keep it active (aliased to novia.net) for the foreseeable future. This means that you may use either the new novia.net addresses, listed below, or the old gonix.com addresses for the Amateur Radio Elmers Resource Directory. I'd like to thank the administrators of Gonix for their outstanding support of this resource over the years, and look forward to a fruitful relationship with Novia Internetworking for some time to come.]

In order to standardize the Internet resource notation used in this Directory, I've decided to adopt Uniform Resource Locator (URL) format throughout. In addition to being a straightforward, human-readable, format for specifying File Transfer Protocol (FTP) archives, Gopher and World-Wide Web (WWW) servers, and Usenet newsgroups, it is also amenable to formatting as hypertext links in Hypertext Markup Language (HTML). For example, users viewing this document at designated World-Wide Web Servers (see "How may I obtain the latest copy of the Elmers List?" below) will see all URL's converted to hypertext links on their WWW client. Rather than fumbling with the various conventions of FTP, Gopher, WWW, and Usenet News software, the document or directory referenced by a hypertext link is but one mouse-click (or key-click) away.

While I'm happy to incorporate the latest and most popular information-formatting standards into the documents that I maintain, I really can't allow myself to be dragged into the role of a WWW help-desk for all of the Internet. Please understand this when I politely refer you to other Elmers, easily-obtainable on-line

documentation, or even local expertise such as resident gurus, consultants, or help-desks at your school, company, or information service provider.

The URL format is easily mapped into human FTP, Telnet, Gopher, and Usenet News reader commands. For example:

ftp://ftp.cs.buffalo.edu/pub/ham-radio/README

Anonymous FTP to ftp.cs.buffalo.edu and get the file README under the /pub/ham-radio directory.

gopher://oes1.oes.ca.gov:5555/

Access the Gopher root page at oes1.oes.ca.gov via non-standard port 5555 (if the standard Gopher port of 70 was used, the ":5555" part would be replaced by ":70" or most likely not appear at all).

telnet://callsign.cs.buffalo.edu:2000/

Initiate a Telnet (remote terminal) session with callsign.cs.buffalo.edu via non-standard port 2000 (if the standard Telnet port of 23 was used, the ":2000" part would be replaced by ":23" or most likely not appear at all).

news:rec.radio.info

Access the rec.radio.info newsgroup on your Usenet newsreader from your local news server.

URL's that start with:

http:

Are only accessible via WWW client software or "browsers".

For more information about URL formats, see:

ftp://nis.nsf.net/documents/rfc/rfc1630.txt
http://www.w3.org/hypertext/WWW/Addressing/Addressing.html

Disclaimer: While I have personally confirmed the accuracy of all URL's through the Lynx WWW client, any referenced documents external to this document are subject to future changes beyond my control. In addition, with networks and their administration being what it is, many services with up-to-date URL's may be temporarily unreachable. Please consult with your local gurus, consulting staff, or help-desk to confirm that it's a non-local problem, then ask the Elmer him or herself (me in the case of URL's which appear outside of individual entries). The currency and accuracy of URL's should be at least no worse than that of the Elmers entries themselves (which are each individually confirmed by me every 2 years, and updated within 1 month on request of the Elmer).

A Brief Historical Overview:

If there is any one constant in the changing state of the communications art, it is that "Hams" (Amateur Radio Operators) have always been on the forefront of it. Rumors abound where the term "Ham" came from. Some of the more amusing are described in the list of Frequently Asked Questions for this newsgroup.

Regardless of origin of the name, a "Ham" is universally recognizable as one who experiments in radio and communications.

Whether it be constructing a low-power CW radio with vacuum tubes, or designing TCP/IP packet networks, such experimentation has historically spilled over into the mainstream such as was the case with Howard Armstrong, who developed the regenerative oscillator and FM radio, or General Curtis LeMay (W6EZV) who was instrumental in making Single-Sideband the communications standard for the Strategic Air Command (1946-1992, now reorganized into a joint command called USSTRATCOM) and eventually the U.S. Air Force. Although packet-switching techniques originated from DARPA (Defense Advanced Research Projects Agency) and the ARPANet, no one can deny the tremendous influence that amateurs have had in demonstrating the viability of TCP/IP and AX.25 communications via radio links. The efforts of AMSAT (the Amateur Satellite Corporation), including the development of many ham satellites and the low-orbiting Microsats (communications satellites no bigger than a breadbox that use store-and-forward packet techniques), have certainly advanced the state-of-the-art in communications, one of the defined purposes of the Amateur Radio Service, as recognized by international treaty.

Since in many cases hams are writing "the book", there is often no "book" or other established reference for a beginner to refer to. Traditionally, information has been passed on from ham to ham via word-of-mouth. Like many of the traditional crafts, a variation of the Master-Apprentice system has emerged, the Elmer-Novice relationship. Called "Elmers" because they are usually older and wiser, having the benefit of many years in the hobby, including several failed projects, and an electric shock or two, they have traditionally been the mainstay of amateur radio, and the source of many new hams, particularly those interested in working on emerging technologies.

Even more importantly, Elmers provided an outlet for the impatient newcomer who wanted "to know everything, and right away." Faced with such a request, a good Elmer will smile and proceed to lead the novice through some project or operating experience. Several hours, days, or weeks later, the novice would have his answers, but would have earned them. Even better, the sense of accomplishment would boost the novice's confidence and nudge him or her down the road to being a model, experienced ham operator.

Many present hams feel that such an experience is missing today. In today's hustle-bustle world, the response to such natural curiosity and desire to learn is, more often than not, "I'm too busy" or "RTFM."

As a result, the quality of new hams declines and the knowledge and operating habits they develop in their first formative months and years leave much to be desired. And the very same hams who claim that they "can't understand the new generation" also, in almost the same breath, lament about the "decline of amateur radio."

What is an Elmer today?

An Elmer today is of any age, male or female, who has some expertise and is willing to share it with beginners. Elmers don't even need to be licensed amateurs, just people with knowledge in some area of electronics or communications technology.

What is an Internet Elmer?

With the ever-widening scope of the Internet, the amateur radio newsgroups on Usenet, and now the World-Wide Web, the potential for Elmers to share their knowledge to a wide audience has never been greater. To that end, I maintain a list of such Elmers. Volunteers need only send me their name, E-mail address, and area(s) of expertise. URL-format pointers to resources they maintain, such as WWW home pages or FTP archives, would also be quite welcome. The list has gotten large enough that there should be plenty of suitable examples to model your entry after. If you need some further assistance formatting your entry, drop me a line and tell me a bit about yourself. Ironically, sometimes the best Elmers write to me saying, "I'm not an expert, but..."

As part of the Elmers List's entry into the World-Wide Web, I've also provided a formatted WWW Registration Form. It may be accessed from:

http://www.novia.net/~pschleck/elmers/register.html

I have set up an administrivia mailbox for correspondence related to this list (elmers-request@novia.net, the default Reply-To: of this message). I would prefer that all such correspondence be directed to that address. In addition to saving it into a special folder, my incoming E-mail filter will also send you an automated return-receipt. While I can guarantee that I will read all mail sent to elmers-request before the next month's posting of the list, mail sent to pschleck may not necessarily get reviewed for some time (although all E-mail sent to me is certainly read with interest *eventually*).

Those desiring a more extensive list, or who need more specific assistance, are encouraged to contact Rosalie White, WA1STO, Educational Services Manager at the American Radio Relay League, 225 Main St., Newington, CT 06111 or via electronic mail addressed to rwhite@arrl.org.

How may I obtain the latest copy of the Elmers List?

There are currently 6 ways of obtaining the Elmers List. Any site at least reachable by Internet E-mail can use options 5 or 6:

1. World-Wide Web (WWW): This is the recommended method for accessing the Elmers list, as it allows this resource to be viewed as hypertext. The home site at www.novia.net features immediate updates each month, hypertext-linked subject and geographic indexes, keyword searching, and registration and feedback forms. The other two sites use automatically-converted versions of the Usenet news articles, but are still usable, particularly if you are outside North America. The site marked with an asterisk also offers Wide-Area Information Service (WAIS) index searching by keyword for all Usenet News FAQ's:
+ http://www.novia.net/~pschleck/elmers/
+
http://www.lib.ox.ac.uk/internet/news/faq/rec.radio.amateur.misc.html
+ http://www.cs.ruu.nl/cgi-bin/faqwais *
(Note: Because of maintenance problems - FAQ documents not being promptly updated in particular - the sites at Ohio State and Smart Pages are no longer recommended for accessing a current copy of the Elmers List and have been removed from the above list.)
see also the newsgroups under comp.infosystems.www.* (I haven't listed URL's for all of the newsgroups under this hierarchy as there are now about a dozen of them (!!!).)
2. Usenet News: This was the original distribution medium for the Elmers list. It continues to be supported for users who cannot access the World-Wide Web. Since the document uses URL's throughout, the news article version may also be viewed as hypertext via some mail and news readers. The latest copy of the list can be found in the news articles with the Subjects of "Amateur Radio: Elmers Resource Directory [A-*]," "Amateur Radio: Elmers Resource Directory [*-*]," and "Amateur Radio Elmers Resource Directory [*-Z]" (The * represents a wildcard character, as the need to split the list evenly, as well as keep all parts under the 64K message limit for Usenet, requires that I adjust the split occasionally). Since the list is cross-posted to the following newsgroups:
+ news:rec.radio.amateur.misc
+ news:rec.radio.info
+ news:rec.answers
+ news:news.answers
on the first Monday of each month, with an expiration date 6 weeks into the future, there should always be a copy available at most news sites. Check your newsreader documentation for information about reading previously-read articles or articles that are "threaded" to this one. Also complain to your local news administrator (E-mail to "news" or "usenet" on your local host) if your local news server is configured to ignore Expires headers (and thus prematurely delete the articles) in worthwhile, mostly moderated, information newsgroups like those listed above.

3. Anonymous FTP: If your site is directly connected to the Internet,
you may retrieve the latest copy via File Transfer Protocol (FTP)
from the following sites:
+ ftp://ftp.novia.net/customers/pschleck/elmers/
+ ftp://ftp.cs.buffalo.edu/pub/ham-radio/
+
ftp://rtfm.mit.edu/pub/usenet/news.answers/radio/ham-radio/elm
ers/
+ ftp://ftp.uu.net/usenet/news.answers/radio/ham-radio/elmers/
4. Internet Gopher: The latest copy of the list should be available
from the following Gopher sites:
+ gopher://jupiter.sun.csd.unb.ca/
+ gopher://gopher.univ-lyon1.fr/
+ gopher://ftp.win.tue.nl/
+ gopher://gopher.win.tue.nl/
see also news:comp.infosystems.gopher
5. Mailing-List: Since the list is cross-posted to rec.radio.info,
the latest copy may be obtained from the mailing-list gateway for
that newsgroup (along with many other informational articles about
radio) when it is published each month. To subscribe, send E-mail
to:
listserv@ucsd.edu
and in the BODY (not the Subject) of the message, write:

subscribe radio-info
The server may not be able to determine your return address. In
that case write:

subscribe radio-info (your E-mail address)
You should get an acknowledgement very shortly.
6. Mail-Server: If you don't want to read through the entire gateway
of rec.radio.info, or want a copy of the list right away, send
E-mail to:
ftpmail@ftp.novia.net
and in the BODY (not the Subject) of the message, write:

open
get /customers/pschleck/elmers/admin
get /customers/pschleck/elmers/index/subject
get /customers/pschleck/elmers/index/geographic
get /customers/pschleck/elmers/list/part1
get /customers/pschleck/elmers/list/part2
get /customers/pschleck/elmers/list/part3
get /customers/pschleck/elmers/list/part4
get /customers/pschleck/elmers/diff

Alternatively, send E-mail to:
mail-server@rtfm.mit.edu
and in the BODY (not the Subject) of the message, write:

send usenet/news.answers/radio/ham-radio/elmers/admin
send usenet/news.answers/radio/ham-radio/elmers/index/subject

```
send usenet/news.answers/radio/ham-radio/elmers/index/geographic
send usenet/news.answers/radio/ham-radio/elmers/list/part1
send usenet/news.answers/radio/ham-radio/elmers/list/part2
send usenet/news.answers/radio/ham-radio/elmers/list/part3
send usenet/news.answers/radio/ham-radio/elmers/list/part4
send usenet/news.answers/radio/ham-radio/elmers/diff
```

and the latest copy of the list should be sent to you E-mail
within 24 hours (the mail-server uses batch priority to reduce
system demand).

How may I contribute to the Elmers List?

By using this resource, you are benefitting the net by obtaining
assistance in the fastest and most efficient way possible. By
volunteering to appear on this list, you are contributing to the good
reputation of the radio-related newsgroups.

Thanks to all the volunteer Elmers, as well as courteous list users,
for making this service a success.

--
73, Paul W. Schleck, KD3FU

pschleck@novia.net (personal mail)
elmers-request@novia.net (Elmers List administrivia)


```
-----BEGIN PGP SIGNATURE-----
Version: 2.6.2

iQCVAwUBMissiyROYYq72ea1AQHf1wP/UblT83m0q9ZyuwntQinSzfxqGOqQrq/M
b/OclPMU3zOQYMhi8a4if1AW5O0NBH62ye8AazeTgjWRVEyML8LBFSw80i61tpG9
GIygY9O2ZBXdkz6Qaku4fwamlt1mna9Rod8pZUj0/MWMs/ynY6jXodk9vSS9rg7z
klbbgQZdXX4=
=QNTm
-----END PGP SIGNATURE-----
```

2164. Amateur Radio: Changes to Elmers Resource Directory

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: pschleck@novia.net
Message-ID: <radio/ham-radio/elmers/diff-1-841691937@novia.net>
Source record: 217683
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

```
Posted-By: auto-faq 3.3 beta (Perl 5.001)
Archive-name: radio/ham-radio/elmers/diff
Posting-Frequency: posted on the first Monday of each month
URL: http://www.novia.net/~pschleck/elmers/

-----BEGIN PGP SIGNED MESSAGE-----

(Note: This difference file is taken from the list body only.)

diff -bBcdisw (last month's) (this month's)

*** list.body.old Mon Aug 5 03:01:16 1996
- --- list.body.new Mon Sep 2 13:33:53 1996
***************
*** 6,12 ****

73, Paul, KD3FU

- -
_______________________________________________________________

- A -
- --- 6,11 ----
***************
*** 50,57 ****

which is a mailing list read by a team of coordinators.

- - (see also Tony Schliesser)
- -
[Editor's note: All ampr.org coordinators are listed in the document
at:

- --- 49,54 ----
***************
*** 80,90 ****
QRPp, contesting, kit building, etc.

This list was started by me with an announcement on the
! rec.radio.amateur.misc USENET group in early 1993. Bruce Walker,
! WT1M, maintained the mailing lists and FTP area from then through
! August 1994 on a system at Thinking Machines Inc., think.com. Then it
! was moved to qrp-l@netcom.com until May 14th, 1995. Thanks to Mike
! Ardai, N1IST, for all his hard work during the time that QRP-L was on
netcom.com.
```

I am still the keeper of the non-electronic archives, including copies
- --- 77,87 ----
QRPp, contesting, kit building, etc.

This list was started by me with an announcement on the
! rec.radio.amateur.misc USENET group in early 1993. Bruce Walker, WT1M,
! maintained the mailing lists and FTP area from then through August
! 1994 on a system at Thinking Machines Inc., think.com. Then it was
! moved to qrp-l@netcom.com until May 14th, 1995. Thanks to Mike Ardai,
! N1IST, for all his hard work during the time that QRP-L was on
netcom.com.

I am still the keeper of the non-electronic archives, including copies
****
*** 110,116 ****

UNSUBSCRIBE QRP-L

- -

Edward Addy KE0EG
- --- 108,113 ----
****
*** 188,200 ****

NAVY MARS

- -

Ali Ammar KE6YCJ

! ali@redshift.com
! ali@juno.com

AX.25: KE6YCJ@K6LY.#CENCA.CA.US.NOAM

- --- 185,197 ----

Navy MARS

Ali Ammar KE6YCJ

! ali@ali.monterey.ca.us
!
! http://www.10mb.com/ali/

AX.25: KE6YCJ@K6LY.#CENCA.CA.US.NOAM

****
*** 213,224 ****
* Scouting
* VHF

- -

David Andrews ZL2SX

! andres@kai.ee.cit.ac.nz

I have been involved with the Amateur Radio International Travel Host
scheme. I also chair the NZART Frequency Management and Technical
- --- 210,220 ----
* Scouting
* VHF

David Andrews ZL2SX

! andrews@kai.ee.cit.ac.nz

I have been involved with the Amateur Radio International Travel Host
scheme. I also chair the NZART Frequency Management and Technical
****
*** 267,273 ****
* Antique and Older Equipment
* Novice/Tech Instruction

- -

Mike Ardai N1IST
- --- 263,268 ----
****
*** 280,287 ****

MAINTAINER OF THE FOLLOWING BOSTON AMATEUR RADIO CLUB MAILING LISTS:

- -
- -
* newsline-list (Amateur Radio Newsline)
* letter-list (ARRL Letter)
* ky1n-list (KY1N VEC listing, Local Eastern MA VE sessions)
- --- 275,280 ----
****
*** 326,332 ****

jbauer@arrl.org

! American Radio Releay League
225 Main Street
Newington, CT 06111-1494
+1 860 594-0208
- --- 319,325 ----

jbauer@arrl.org

! American Radio Relay League
225 Main Street
Newington, CT 06111-1494
+1 860 594-0208
****
*** 345,355 ****
subscribe user@host.com

where user@host.com is your E-mail address. To unsubscribe, send:
- -
unsubscribe user@host.com

- -
- -
For information about the ARRL info server, send E-mail to
info@arrl.org with the word "HELP" in the message body.

- --- 338,345 ----
****
*** 381,388 ****
school
+ Two-way Radio Consultant
+ NetRead(tm) author (Articles via Internet)
- -
- -
* Interests:
+ VHF/UHF simplex
+ Duplex and simplex repeaters
- --- 371,376 ----
****
*** 523,528 ****
- --- 511,519 ----

ftp://ftp.cs.buffalo.edu/pub/ham-radio/

+ [Editor's Note: Fixes have recently been made to the FTP software at
+ this site so that the above URL will now work with most Web browsers.]
+
Maintainer of the Internet Ham Radio Callbook Server at:

telnet://callsign.cs.buffalo.edu:2000/
****
*** 579,615 ****

John M. Brewer WB5OAU "there's a reason the reset button
! johnmb@nando.net on a PC is on the front panel."

WIRE ANTENNAS, RESTORATION, OPERATION AND PARTS/TUBES SUPPLIES FOR MOST
40'S-70'S VINTAGE GEAR.

ANTIQUE AND OLDER EQUIPMENT WORLD-WIDE WEB PAGE:

! http://www.zynet.com/~johnb/

! Ian Brothwell G4EAN
!
! ibx@cs.nott.ac.uk
! AX.25: G4EAN@GB7BAD
!
! SECRETARY, BRITISH AMATEUR RADIO TELEDATA GROUP (BARTG)
!
! (an organization for radioteletype (RTTY) and similar modes)

! BARTG WORLD-WIDE WEB (WWW) HOME PAGE:

! http://cs.nott.ac.uk/~ibx/BARTG/

! (may move to another location in Summer 1996)

! BARTG ANONYMOUS FTP SITE:

! ftp://ftp.cs.nott.ac.uk/bartg/

- - Most of the information is about BARTG itself, but you'll also find
- - the GB2ATG news and BARTG contest info.

Alan Brubaker K6XO
- --- 570,599 ----

John M. Brewer WB5OAU "there's a reason the reset button
! johnmb@mindspring.com on a PC is on the front panel."

Wire antennas, restoration, operation and parts/tubes supplies for most
40's-70's vintage gear.

Antique and Older Equipment World-Wide Web Page:

! http://www.mindspring.com/~johnmb/

! Don Browne KQ4YM, NNN0TFI

! browne@aol.com

! http://members.aol.com/browne/

! +1 (941) 675-5715

! LaBelle, Florida

! * Batteries
! * Navy MARS
! * Part-15 Broadcasting

Alan Brubaker K6XO
****
*** 621,627 ****
* General HF Operations

* Propagation

- -

Tom Bruhns K7ITM
- --- 605,610 ----
****
*** 669,675 ****

WOERDEN CHAPTER WORLD-WIDE WEB PAGE:

! http://www.nikhefk.nikhef.nl/~pieth/pi4wno.htm

Barry Buelow WA0RJT
- --- 652,658 ----

Woerden Chapter World-Wide Web Page:

! http://www.nikhefk.nikhef.nl/~pieth/amrad/wnoe.htm

Barry Buelow WA0RJT
****
*** 697,702 ****
- --- 680,698 ----
volunteer contributors contacted him at this time.]

+ Brian Buydens VE5RDV
+
+ brian.buydens@usask.ca
+
+ http://duke.usask.ca/~buydens/
+
+ * Apple Macintosh Computer
+ * IBM PC
+ * QRP
+ * UNIX
+
+ ----------
+
- C -

****
*** 710,717 ****

I'm willing to act as a reference for anyone wanting info on getting
tapes (especially Callsign tapes) from the Department of Commerce
! National Technical Information Service (NTIS) or wanting other info
! on callsign-project related stuff.

One of these days I'll actually be around for the un-net! I promise,
really!
- --- 706,713 ----

I'm willing to act as a reference for anyone wanting info on getting
tapes (especially Callsign tapes) from the Department of Commerce
! National Technical Information Service (NTIS) or wanting other info on
! callsign-project related stuff.

One of these days I'll actually be around for the un-net! I promise,
really!
****
*** 796,803 ****

UNSUBSCRIBE tenten-l

- -
- -
(10-X International is an amateur radio organization devoted to
encouraging the use of the 10 Meter, or 28 MHz, amateur band. They are
primarily known for their "10-X" numbers which members exchange during
- --- 793,798 ----
****
*** 833,839 ****
* Digital Signal Processing (DSP)
* Mobile/Portable/Field Day

- -

Mark Cheeseman VK2XGK
- --- 828,833 ----
****
*** 857,863 ****
chilton@emc.com
Design Engineer

- -
* Amateur Qualifications:
+ Trustee of the Algonquin Amateur Radio Club Repeaters:
446.675 -- 223.86 -- 53.47
- --- 851,856 ----
****
*** 867,874 ****
+ Trained in Electronics Engineering, Electrical Engineering,
Computer Sciences, Computer Programming, and Management
+ Knowledgeable in Rules, Regs, and interpretations
- -
- -
* Areas I am also interested:
+ Homebrewing
+ Repeater Hardware, Control, Operation
- --- 860,865 ----

```
***************
*** 880,886 ****
+ Amateur Television
+ Elmering new HAMs

- -

---------------------------------------------------------------

Brian Cieslak AE9K
- --- 871,876 ----
***************
*** 922,928 ****
* SSTV
* Volunteer Examiner Programs (information about sessions)

- -

---------------------------------------------------------------

Joe Cira KB6AXK
- --- 912,917 ----
***************
*** 951,957 ****
* VE exam and class lists for all of Southern California
* and much more...

- -

---------------------------------------------------------------

Gary Coffman KE4ZV
- --- 940,945 ----
***************
*** 1080,1087 ****
Moderator)
* File Requests: FidoNet users can Freq the latest edition of
NEWSLINE from Joe Brown, KB2NBN 1:2625/111 or
! ftp://oak.oakland.edu/ - n1qzs@magrathea.com (Cheyenne
! Greatorex, Boston ARC - librarian)
* Internet E-Mail: Send mail to listserv@netcom.com with the
following commands in the body of the message (the subject is
ignored) To subscribe:
- --- 1068,1075 ----
Moderator)
* File Requests: FidoNet users can Freq the latest edition of
NEWSLINE from Joe Brown, KB2NBN 1:2625/111 or
! ftp://oak.oakland.edu/ - n1qzs@magrathea.com (Cheyenne Greatorex,
! Boston ARC - librarian)
* Internet E-Mail: Send mail to listserv@netcom.com with the
following commands in the body of the message (the subject is
ignored) To subscribe:
***************
*** 1206,1212 ****
+ hardware knowledge (I work at a computer company)
```

```
* Internet Services (Mail/FTP/WWW)

- -
------------------------------------------------------------------
- D -
- --- 1192,1197 ----
***************
*** 1268,1274 ****
- --- 1253,1295 ----
* Linux, especially when related to Amateur Radio.
* Amateur Radio Internet Gateways

+ ------------------------------------------------------------------
+ Christopher Dean VE3TBP
+
+ chris@openstore.com
+ jhowe@rogerswave.ca
+
+ http://www.openstore.com/yra/
+
+ Voice: +1 905 853-7340
+ Work: +1 905 790-0660
+ Modem: +1 905 853-7033
+ FAX: +1 905 790-0712
+
+ 349 Penn Ave.
+ Newmarket, Ontario L3Y 2S7
+ Canada
+
+ * Antique and Older Equipment
+ * Homebrewing
+ * IBM PC
+ * Internet Services
+ * Mobile/Portable/Field Day
+ * Novice/Tech Instruction
+ * Packet and Digital Networking
+ * Power Supplies
+ * Seminars/Lectures
+ * Amateur Television
+ * Slow-Scan Television
+
+ I have taught the Amateur radio course for the York Region Amateur
+ Radio Club for the last 2 years I have brought over 30 new Hams from
+ 13 to 65 years of age into the hobby. I am active in H.F., VHF, and
+ UHF voice, digital and television modes (both Fast and Slow-Scan TV).
+ I am also a specialist in large computer backup systems and computer
+ networking (all platforms) and am responsible for the web site(s) and
+ E-Mail systems at Open Storage Solutions
------------------------------------------------------------------
```

Jeff DePolo WN3A
****
*** 1302,1308 ****
* General Homebrewing
* Antenna design/theory

- -

Gary V. Deutschmann, Sr. N0ZOI
- --- 1323,1328 ----
****
*** 1452,1458 ****
* Doppler DF
* Surplus Electronics and Communications Equipment

- -

Norm Drechsel WA3KEY
- --- 1473,1478 ----
****
*** 1481,1487 ****

* Technopagan Priest
* Member, University of Maryland ARA - W3EAX
- -
* Digital Signal Processing (DSP)
* Electrical and Electronics Engineering

- --- 1501,1506 ----
****
*** 1510,1516 ****

The American Radio Relay League (ARRL) World-Wide Web Home Page has
now moved to ARRL HQ. See David Newkirk's entry for more information.
- -

Joerg Elmers DL2BCD, KD6ZYA
- --- 1529,1534 ----
****
*** 1525,1533 ****
* Morse Code
* Packet Radio/Digital Networking

- -
- -
- -

Kim Elmore N5OP
- --- 1543,1548 ----
****

```
*** 1541,1548 ****

I'M THE TECHNICAL COORDINATOR FOR THE COLORADO SECTION.

- -
- -
* Areas of expertise:
+ RFI/EMI
+ Antennas
- --- 1556,1561 ----
***************
*** 1550,1563 ****
+ Contesting
+ HF propagation
+ CW
- -
- -
* Areas where I have enough knowledge to be dangerous:
+ Troubleshooting
+ Traffic Handling
+ Homebrewing and construction practices

- -

------------------------------------------------------------------

Wayne Estes WD5FFH
- --- 1563,1573 ----
***************
*** 1575,1580 ****
- --- 1585,1604 ----
- F -

------------------------------------------------------------------

+ Marcelo Fracchia LU9FQT
+
+ tecnicai@satlink.com
+
+ FAX: +54 041-261190
+
+ P.O. Box 263
+ 2000 Rosario
+ Argentina
+
+ Packet and Digital Networking
+
+ ------------------------------------------------------------------
+
Robert S. French AC6GO

rfrench@cs.stanford.edu
***************
*** 1590,1596 ****
```

The old address at the New Jersey Institute of Technology will
continue to work for the time-being as a forwarder to the new address.

- -
To subscribe or unsubscribe, send mail to:

ham-univ-request@w6yx.stanford.edu
- --- 1614,1619 ----
****
*** 1611,1616 ****
- --- 1634,1673 ----
- G -

+ Ed Galazka WB8WTB
+
+ martini@tir.com
+
+ +1 517 288-2342
+
+ P.O. Box 424
+ Vernon, MI
+ (Shiawassee County)
+
+ * Satellites (AMSAT/OSCAR/SAREX)
+ * EME
+ * Antennas
+ * Morse Code
+ * DX
+ * Equipment Testing/Troubleshooting
+ * HF
+ * Homebrewing
+ * Novice/Tech Instruction
+ * QRP
+ * Amateur Television
+ * Slow-Scan Television
+ * VHF
+
+ Ham Operator since 1975
+
+ Advanced license, Passed Extra CW
+
+ I love CW. My station is all-band, all-mode from QRP to EME, including
+ OSCAR, WEFAX, TNC, SSTV, ATV. My strongest areas of expertise are CW,
+ antennas, and teaching theory. I would be happy to help individuals or
+ groups.
+ --
+
Bernie Gapinski DK3ZT, AB7IY

gap@ilk.de
****
*** 1624,1630 ****

VHF/UHF

- -

Mike Gathergood G4KFK
- --- 1681,1686 ----
****
*** 1641,1647 ****
Fidonet 2:252/320

Hundreds of Megabytes of Quality Software for Radio Amateurs and SWLs
- -

Paul Gilbert KE5ZW
- --- 1697,1702 ----
****
*** 1702,1708 ****

COMPUTING AND ELECTRONICS FOR THE BLIND (INCLUDING RADIO)

- -

Eran Glago KD6KVO
- --- 1757,1762 ----
****
*** 1761,1773 ****
ham radio, helping community and country.

Current Projects:
* National Hurricane Center
* Jamboree-on-the-Air (JOTA) Matchmaking Hams with Troops
* Scout Discounts on Ham Equipment
* Donation of old Handheld Transceivers (HT's) to Troops

- -
- -
Officially ARRL approved as the JOTA info site.

Learn how to stay in touch on long backpack trips.
- --- 1815,1826 ----
ham radio, helping community and country.

Current Projects:
+
* National Hurricane Center
* Jamboree-on-the-Air (JOTA) Matchmaking Hams with Troops
* Scout Discounts on Ham Equipment
* Donation of old Handheld Transceivers (HT's) to Troops

Officially ARRL approved as the JOTA info site.

Learn how to stay in touch on long backpack trips.
****
*** 1809,1816 ****

PACKET RADIO AND TAPR ARE ON THE WORLD-WIDE-WEB!

- -
- -
* http://www.tapr.org/tapr/html/pkthome.html
* http://www.tapr.org/tapr/

- --- 1862,1867 ----
****
*** 1843,1849 ****

Roger Gray AB5QS

! rwgray@sea.ar.ispnet.com
AX.25: AB5QS@KB5DBI.AR.US.NA

+1 501 729-5489
- --- 1894,1900 ----

Roger Gray AB5QS

! ab5qs@amsat.org
AX.25: AB5QS@KB5DBI.AR.US.NA

+1 501 729-5489
****
*** 1868,1874 ****
* VHF/UHF
* Volunteer Examiner (ARRL VEC and Area Team Liaison)

- -

Cheyenne T. Greatorex N1QZS
- --- 1919,1924 ----
****
*** 1941,1947 ****

NAVY/MARINE CORPS. MARS

- -

- H -
- --- 1991,1996 ----
****
*** 1957,1963 ****
* Information about QRP-NE Club.
* Advice on simple antennas.

- -

Doug Hall KF4KL
- --- 2006,2011 ----
****
*** 2024,2030 ****
portable, contesting, weak signals, and DX.
* Sealed Lead Acid Batteries - How to take care of them.

- -

Steve Harding KA6ETB
- --- 2072,2077 ----
****
*** 2265,2271 ****
* CW to 20 Meters
* Computers and Computer Programming

- -

Carl Ingerson N1DXM, NNN0HLC
- --- 2312,2317 ----
****
*** 2342,2348 ****
* Homebrewing
* IBM PC

- -

- K -
- --- 2388,2393 ----
****
*** 2407,2413 ****
* Mobile installations (rearranging mobile HF right now)
* Repeaters (after a fashion--building a 1.25m repeater)

- -

R. D. Keys NA4G
- --- 2452,2457 ----
****
*** 2562,2568 ****
* Commercial Broadcasting (Assistant Engineer and Manager of
Information Services)

- -

Louis J. Kohnen K2ANC
- --- 2607,2612 ----

```
***************
*** 2575,2580 ****
- --- 2619,2674 ----
(W5YI VE# 3182)
-----------------------------------------------------------------

+ Veikko (Veke) Komppa OH2MCN
+
+
+ ---------------------------------------------------------------------------
+ Veikko Komppa "Veke"
+ Collecting licensing information via Internet
+ MORE THAN DXCC AVAILABLE THRU The Web
+ Licensing info in Web at http://www.clinet.fi/~jukka/license.html
+ OH2MCN, ex OH5VD,OH2XD,CR9D,VK9YD,S79VD,FR0VD,3D2VD,9M8VD,5W1VD
+ Internet: Veikko.Komppa@vtt.fi
+ QTH: Paaskynkuja 7, FIN-03100, Nummela, Finland tel. +358 0-22 22 448
+ JOB: P.O.Box 1401, FIN-02044 VTT, Finland tel. +358 0-456 5260
+ fax. +358 0-456 7026
+ ---------------------------------------------------------------------------
+
+ Information for licensing abroad for radio amateurs
+
+ (See Web URL above.)
+ ____________________________________________________________
+
+ Ronald G. Kruml KB7JCP
+
+ kb7jcp@aol.com
+ kb7jcp@worldnet.att.net
+
+ AX.25: KB7JCP@N7DUO.#WWA.WA.USA.NOAM
+
+ Northeast King County (Washington State, USA) ARES Emergency Coordinator
+
+ Editor, EComm News
+
+ EComm News is a weekly newsletter aimed at Amateur Radio Operators and
+ Emergency Management Officials in the U.S. Pacific Northwest. The
+ newsletter contains local announcements, public service opportunities,
+ Amateur Radio news and information, Internet resources for Amateur
+ Radio and Emergency Management, as well as many training topics.
+
+ The newsletter is published as a public service by King County Amateur
+ Radio Emergency Service, Fire Zone 2.
+
+ To subscribe to the list, send e-mail to: listserv@listserv.aol.com
+
+ Enter the command line, SUBSCRIBE ECOMM-NEWS, in the body of the
+ message.
```

+
+ For more information on the list, point your web-browser to:
+
+ http://ifrit.web.aol.com/mld/production/yiaz0823.html
+ --
+
Tack Kumagai JE1CKA, KH0AM

je1cka@nal.go.jp
****
*** 2650,2656 ****
* ARES
* Reciprocal Licensing/Operating in the Philippines

- -

Alan Larson WA6AZP
- --- 2746,2751 ----
****
*** 2779,2791 ****
H: +1 312 326-3739
Voice-Mail: +1 708 612-9306

- -
FCC Technician License Since Feb. 1991
Certified Phlebotomist with the
University of Illinois at Chicago Hospitals and Clinics
Red Lab 1

- -
EMERGENCY COMMUNICATIONS
TCP/IP NETWORKING

- --- 2874,2884 ----
****
*** 2900,2906 ****

INFORMATION ABOUT FOREIGNERS OPERATING IN JAPAN

- -

- M -
- --- 2993,2998 ----
****
*** 2999,3004 ****
- --- 3091,3107 ----
http://www.netonecom.net/~ki8w/bad1.html

+ Neal McEwen K5RW
+

+ nmcewen@metronet.com
+
+ Richardson (Dallas), Texas
+
+ Telegraph Key Collectors and Historians World-Wide Web Page:
+
+ http://www.metronet.com/~nmcewen/ref.html
+ ----------

Daniel J. Meredith N7MRP

```
***************
*** 3027,3033 ****
SUBSCRIBE <----SUBJECT
SUBSCRIBE FBB <----1ST LINE OF MESSAGE TEXT.

- -
```

Bob Merritt KA4BYP

```
- --- 3130,3135 ----
***************
*** 3047,3052 ****
- --- 3149,3185 ----
```

(see also Gary Coffman)

+ April Moell KA5OPS
+
+ emcom4hosp@aol.com
+
+ Hospital Disaster Support Communications System (HDSCS) Coordinator
+
+ HDSCS World-Wide Web Page:
+
+ http://members.aol.com/emcom4hosp/
+
+ For over 15 years, the 90-plus members of the ARES/RACES-affiliated
+ Hospital Disaster Support Communications System (HDSCS) of Orange
+ County, California have served over 35 hospitals in nearly 50
+ emergency situations. At the new HDSCS site on the Web, you can find
+ out how volunteer Amateur Radio operators can be an important backup
+ communications resource for hospitals, if the hams are well organized
+ and trained.
+
+ There you will find:
+ * How HDSCS organizes to support hospitals
+ * What "dedicated communicators" are and why they are important
+ * Frequently Asked Questions about hams helping hospitals
+ * The surprising answer to "How often do hospitals need hams,
+ anyway?"

+ * Response from hospitals served by HDSCS
+ * Info given to new HDSCS members
+ * Recruiting hams for hospital communications
+ * And lots more...
+
+ --
+
Joe Moell K0OV

homingin@aol.com
****
*** 3076,3081 ****
- --- 3209,3228 ----
commercial entity.

+ Joe Moor N2TQL
+
+ joemoor@warwick.net
+
+ +1 201 209-1133
+
+ 18 Andrea Drive
+ Vernon, NJ 07462-9703
+
+ * IBM PC
+ * Internet Services
+
+ --
+
John Moore NJ7E

****
*** 3119,3125 ****
* ARES/RACES/Skywarn
* Internet Services (including Mailing Lists)

- -

Rich Moseson NW2L
- --- 3266,3271 ----
****
*** 3142,3148 ****

ANTENNAS

- -

Kevin Muenzler WB5RUE
- --- 3288,3293 ----
****

```
*** 3165,3171 ****
* RFI
* Scouting

- -

-----------------------------------------------------------------

Terry Muncey WB5OAS
- --- 3310,3315 ----
***************
*** 3217,3222 ****
- --- 3361,3393 ----
the contesting and DX-related mailing lists, and more.)
-----------------------------------------------------------------

+ George Neeson VE3BDM, VA3DLR
+
+ ve3bdm@mulberry.com
+
+ AX.25: VE3BDM@VE3CDY.#EON.ON.CAN
+
+ Voice: +1 613 342-1940
+ Work: +1 613 498-1602
+ FAX: +1 613 342-8933
+
+ 6 Glen Wood Place, Suite 105
+ Brockville, Ontario K6V 2T3
+ Canada
+ * ARES
+ * AMTOR/PACTOR/CLOVER
+ * Antennas
+ * Morse Code
+ * HF
+ * Homebrewing
+ * NTS
+ * Packet and Digital Networking
+
+ I am an NTS operator running an unattended digital (Express, Winlink
+ equivalent) digital system. I operate a hub station for Eastern Canada
+ Digital operations, including AMTOR, PACTOR, and CLOVER.
+ ----------------------------------------------------------------
+
Lyndon Nerenberg VE7TCP, VE6BBM

lyndon@ve7tcp.ampr.org
***************
*** 3278,3284 ****

subscribe dx

- -

-----------------------------------------------------------------
```

David Newkirk WJ1Z
- --- 3449,3454 ----
****
*** 3298,3309 ****
of ARRL membership benefits and services, and more.

In inaugurating this new service, the League thanks Scott Ehrlich,
! WY1Z, and the other Boston Amateur Radio Club volunteers who've
! worked since December 1994 to keep ARRL up and coming on the Web via
! the ARRL home page they installed and maintained at oak.oakland.edu.
! Their volunteerism helped show us that upgrading our Internet
! connection to a level that allowed on-campus Web service would be
! essential to ARRL's mission of serving Amateur Radio.

Your comments, criticism and suggestions on how to make ARRLWeb bigger
and better are *essential* to its ongoing success, so please drop by
- --- 3468,3479 ----
of ARRL membership benefits and services, and more.

In inaugurating this new service, the League thanks Scott Ehrlich,
! WY1Z, and the other Boston Amateur Radio Club volunteers who've worked
! since December 1994 to keep ARRL up and coming on the Web via the ARRL
! home page they installed and maintained at oak.oakland.edu. Their
! volunteerism helped show us that upgrading our Internet connection to
! a level that allowed on-campus Web service would be essential to
! ARRL's mission of serving Amateur Radio.

Your comments, criticism and suggestions on how to make ARRLWeb bigger
and better are *essential* to its ongoing success, so please drop by
****
*** 3340,3401 ****
server files.

! Joe Nobody N0CALL
!
! nobody@nowhere.nodomain
!
! REC.RADIO.AMATEUR.MISC FREQUENTLY ASKED QUESTIONS (FAQ)
!
! No longer available from:

! * ftp://ftp.uu.net/usenet/news.answers/radio/ham-radio/faq/
! * http://rtfm.mit.edu/pub/usenet/news.answers/radio/ham-radio/faq/

! Well, it's finally happened. The long-defunct FAQ's have finally been
! removed from most archive sites. This important document, one which
! served as an excellent "Read Me First" for the readership of the
! amateur radio-related Usenet newsgroups, is now no longer publicly
! available.

! Efforts are still underway to bring it back, but so far, no volunteers
! have stepped forward that have been able to resume its regular posting
! and maintenance.

! As stated many times before, new editors are being actively sought to
! take over maintenance of the above resources and keep them from
! disappearing from the net permanently. As with any volunteer effort,
! new volunteers are often needed. We need new editors to post the above
! FAQ's. Preferably this should be someone who has enthusiasm for
! hobbyist radio, experience with Usenet, and the ability to work with
! the other editors. No single person can know all the various aspects
! of this diverse hobby, so the editorial review group is intended to
! make a greater combination of experience. A new maintainer is desired
! at this time to provide a fresh outlook as well as the opportunity to
! train new volunteers and avoid overreliance on a small group of
! people.

! The FAQ's were posted with the auto-faq software, which is written in
! Perl (see Paul Schleck's entry). So it would be a plus for volunteers
! to post the FAQ to have Perl installed on their system and be able to
! use "cron" or "at" so that postings can go unattended.

! With widespread net acceptance and use of the World-Wide Web, it might
! be desirable to rewrite the FAQ as a minimal "pointer" article with
! URL links. Such a minimal FAQ would reduce maintenance burdens, ward
! off criticism of the document for being "too big," and could be
! maintained as Hypertext Markup Language (HTML) at a WWW site, then
! "dumped" to an ASCII file for posting to news (to cover users who
! don't use WWW, as well as to actually feed a couple of automated FTP,
! Gopher, and WWW sites. Such an approach is used for the Elmers list;
! see the companion posting to this file, "Amateur Radio: Elmers List
! Info and Administrivia" for more information).

! Anyone who wants to make their contribution to the Net as a volunteer
! should contact the Elmers Directory maintainer at
! elmers-request@gonix.com.
! --

! - O -

Dr. Barry L. Ornitz WA4VZQ
- --- 3511,3554 ----
server files.

! - O -
! --

! Frank (Paco) Orcutt

! radiophi@ix.netcom.com
! forcutt944@gnn.com

! Voice/FAX/Modem: +1 716 821-9559
! Work: +1 716 556-0727

! c/o RadioPhile Research
! 1036 Union Road, #320
! West Seneca, NY 14224

! * Antennas
! * Antique and Older Equipment
! * Direction Finding
! * DX
! * IBM PC
! * Internet Services
! * RFI

! Avid SW/MW DX'er for the last 30+ years

! My main area of expertise is low-power (under 1 kW) Latin American
! Broadcasters, but I keep up-to-date on the current trends and events
! affecting broadcasters world-wide (i.e., I was recently asked about a
! station engineer who was working at ELBC in Monrovia, Liberia and was
! able to pass on information that the engineer was currently working in
! Gabon.) My other keen interest is Clandestine Broadcasters (not
! pirates).

! Though intentional signal jamming isn't as much of a problem as it was
! during the "cold war," I co-authored a report titled "THE WOODPECKER
! PROJECT" which was presented at an ITU convention. I still use those
! skills now and then to DF CB'ers running illegal power, and your odd
! "bad-ham."

Dr. Barry L. Ornitz WA4VZQ
****
*** 3403,3418 ****
Eastman Chemical Company Research Laboratories
Process Instrumentation Research Laboratory
P. O. Box 1972, Building 167B
! Kingsport, TN 37662 +1 615 229-4904
INTERNET: ornitz@emn.com

PART 15 LOW-POWER BROADCASTING

- - ANTENNAS
- -
- - (including expertise in computer modelling using MININEC and NIST
- - modelling programs)
- -
INSTRUMENTATION

(my profession)
- --- 3556,3566 ----
Eastman Chemical Company Research Laboratories
Process Instrumentation Research Laboratory
P. O. Box 1972, Building 167B
! Kingsport, TN 37662 +1 423 229-4904
INTERNET: ornitz@emn.com

Part 15 Low-Power Broadcasting

Instrumentation

(my profession)
****
*** 3421,3427 ****

(corrosion, plating, PCB etching, disposal of wastes such as
transformer oil, solvents and etching solutions, contact cleaners,
! toxic chemical exposure, etc.)

- P -
- --- 3569,3576 ----

(corrosion, plating, PCB etching, disposal of wastes such as
transformer oil, solvents and etching solutions, contact cleaners,
! toxic chemical exposure, chemical safety, paint, dielectric plastics,
! etc.)

- P -
****
*** 3466,3472 ****
* RFI
* Volunteer Examiner Programs

- -

Antenen Pascal HB9IIB
- --- 3615,3620 ----
****
*** 3528,3535 ****
by its author for anyone to use. I would like to compensate those
authors for their work. If you are the author of a significant piece
of software included in Linux for Hams, please E-mail to
! Perens@Rahul.net. You may be be able to get a free CDROM
! subscription to Linux for Hams.

Bruce Perens AB6YM reserves the right to decide who gets free
subscriptions, what is included in a free subscription, and for how
- --- 3676,3683 ----
by its author for anyone to use. I would like to compensate those
authors for their work. If you are the author of a significant piece
of software included in Linux for Hams, please E-mail to
! Perens@Rahul.net. You may be be able to get a free CDROM subscription
! to Linux for Hams.

Bruce Perens AB6YM reserves the right to decide who gets free
subscriptions, what is included in a free subscription, and for how
****
*** 3769,3776 ****

+ Repair Technician
+ Electrical Engineer (14+ years)
+ Advanced Amateur (Canadian) since 1988
- -
- -
* Advice of value:
+ HF + VHF construction, homebrew, repair, circuitry,
programming and mods
- --- 3917,3922 ----
****
*** 3790,3795 ****
- --- 3936,3942 ----
(still am an interested contact for this resource, though)

Experimental Search Front-End:
+
* http://www.acs.ncsu.edu/HamRadio/UsenetList.html

Please direct all Radio Amateurs on Usenet E-mail address feedback,
****
*** 3845,3855 ****

Paul W. Schleck KD3FU

! pschleck@gonix.com

! (finger pschleck@gonix.gonix.com for PGP Public Key)

! http://www.gonix.com/pschleck/

Internet Services (Finding FAQ's, using Usenet, FTP, telnet, Archie,
FTP mail-servers, mailing lists, etc., etc.)
- --- 3992,4002 ----

Paul W. Schleck KD3FU

! pschleck@novia.net

! (finger pschleck@novia.net for PGP Public Key)

! http://www.novia.net/~pschleck/

Internet Services (Finding FAQ's, using Usenet, FTP, telnet, Archie,
FTP mail-servers, mailing lists, etc., etc.)
****
*** 3862,3871 ****
newsgroups

I would be particularly interested in mentoring/training new FAQ/Info
! maintainers for the rec.radio.* newsgroups (see also Jack Hill and Joe
! Nobody for FAQ maintenance opportunities and the rec.radio.amateur.*
! Working Group mailing list). To paraphrase Zack Lau, I can't post it
! all myself!

```
I have taken over maintenance of the Perl-based auto-faq FAQ
management and posting package from Ian Kluft and would be happy to
- --- 4009,4018 ----
newsgroups

I would be particularly interested in mentoring/training new FAQ/Info
! maintainers for the rec.radio.* newsgroups (see also Jack Hill and
! John Seney for FAQ maintenance opportunities and the
! rec.radio.amateur.* Working Group mailing list). To paraphrase Zack
! Lau, I can't post it all myself!

I have taken over maintenance of the Perl-based auto-faq FAQ
management and posting package from Ian Kluft and would be happy to
***************
*** 3887,3899 ****
unsubscribe auto-faq-users

Recently I undertook some academic research into packet radio using
! KA9Q's Multiple-Access/Collision Avoidance (MACA) link-layer
! protocol. I attempted a literature survey as well as some software
! simulations of the protocol (with varying degrees of success). I would
! welcome any opportunities to improve on my work, find out about any
! actual MACA implementations, share information, and build on my
! bibliography (available on request). More information about MACA may
! be obtained from:

ftp://ftp.ucsd.edu/hamradio/packet/arrlcnc/1990/

- --- 4035,4047 ----
unsubscribe auto-faq-users

Recently I undertook some academic research into packet radio using
! KA9Q's Multiple-Access/Collision Avoidance (MACA) link-layer protocol.
! I attempted a literature survey as well as some software simulations
! of the protocol (with varying degrees of success). I would welcome any
! opportunities to improve on my work, find out about any actual MACA
! implementations, share information, and build on my bibliography
! (available on request). More information about MACA may be obtained
! from:

ftp://ftp.ucsd.edu/hamradio/packet/arrlcnc/1990/

***************
*** 3902,3933 ****
MAINTAINER OF THIS LIST

Please direct all Elmers List submissions, feedback, and administrivia
! to elmers-request@gonix.com.
```

Tony Schliesser N8XJA

```
! Internet: s003aps@desire.wright.edu
! AMPRNET: n8xja@ag9v.ampr.org
! Packet: N8XJA@N8XJA.#DAY.OH.USA.NOAM
```

!
! JOINT AMPR.ORG IP COORDINATOR FOR OHIO SUBNET (44.070.XXX.XXX)
!
! Please direct all correspondence regarding the assignment of ampr.org
! IP numbers in Ohio to:

! ipaddr@ag9v.ampr.org

! which is a mailing list read by a team of coordinators.

! (See also John Ackermann)

! [Editor's Note: All ampr.org coordinators are listed in the document
! at:

! ftp://ftp.ucsd.edu/hamradio/amprnets

- -]

Barry Schwartz N2SHP
- --- 4050,4079 ----
Maintainer of this list

Please direct all Elmers List submissions, feedback, and administrivia
! to elmers-request@novia.net.

Tony Schliesser N8XJA

! aschlies@newwave.net

! http://www.newwave.net/~aschlies/

! (Check my home page above to find out the current status of projects,
! etc.)

! +1 304 727-5707

! 1011 Green Valley Drive
! St. Albans, WV 25177

! * Mobile
! * Packet and Digital Networking
! * Repeaters
! * Skywarn
! * UNIX
! * VHF

Barry Schwartz N2SHP
****
*** 3969,3980 ****
John D. Seney WD1V

! \/
! John D. Seney, WD1V Internet: john@wd1v.mv.com
! 144 Pepperidge Drive America On Line: jseney@aol.com
! Manchester, NH 03103-6150 AX.25 Pkt: WD1V@WB1DSW.NH.USA.NA
! (H) +1 603 668-1096 Amprnet: wd1v@wd1v.ampr.org
! \/

FREE MACINTOSH AMATEUR RADIO TEST SIMULATORS

- --- 4115,4125 ----
John D. Seney WD1V

!
! John D. Seney |_|_|_|_| john@wd1v.mv.com
! 144 Pepperidge Dr |_| |_| page 5956779@skymail.com
! Manchester, NH 03103-6150 |_|_ _|_| AX.25: WD1V@WB1DSW.NH.USA.NOAM
! voice mail +1 (603) 533-3472 | | | | | fax +1 (603) 627-1623

Free Macintosh Amateur Radio Test Simulators

****
*** 4013,4018 ****
- --- 4158,4176 ----
Send Check or Money Order - Outside USA Send $40.00 US
All Orders Shipped within 48 Hours

+ Maintainer of rec.radio.amateur.misc FAQ
+
+ (Formerly maintained by Diana Syriac, KC1SP, and Ian Kluft, KO6YQ.)
+
+ Available from:
+
+ http://www.mv.com/ipusers/wd1v/hamradio.faq.html
+
+ (The majority of the original content of the FAQ remains the same, but
+ now it's a hypertext document with hundreds of links to radio- related
+ sites and is a significant resource to all students of amateur radio -
+ regardless of their license status.)
+
Maintainer of Digital Storage Scope FAQ

Available from:
****
*** 4024,4029 ****
- --- 4182,4196 ----
subscribe scope.faq

in the Subject.
+
+ Maintainer of Macintosh Amateur Radio Software List
+
+ (Formerly maintained by Patty Winter, N6BIS and Terry Stader, KA8SCP.)
+
+ http://www.mv.com/ipusers/wd1v/page5.html

+
+ Please direct any submissions, feedback, or administrivia regarding
+ these services to my E-mail address above.

Jimmie B. Shelton KT4FQ
****
*** 4040,4046 ****
* Antennas
* Field Day

- -

Philip A. Shelton N6DZH
- --- 4207,4212 ----
****
*** 4059,4065 ****
* QRP
* Volunteer Examiner

- -

Mike Silva KK6GM
- --- 4225,4230 ----
****
*** 4074,4080 ****
* Operation (HF, VHF/UHF)
* Finding Parts

- -

Don Simpson KO4TA
- --- 4239,4244 ----
****
*** 4135,4141 ****
* VHF
* Zoning Ordinances Related to Antenna Towers

- -

Keith Sproul WU2Z
- --- 4299,4304 ----
****
*** 4194,4202 ****

http://www.magnet.state.ma.us/mema/

! MAINTAINER OF MACINTOSH AMATEUR RADIO SOFTWARE LIST
!
! ftp://rtfm.mit.edu/pub/usenet/rec.radio.amateur.misc/

Bill Standerfer KF0DJ
- --- 4357,4364 ----

http://www.magnet.state.ma.us/mema/

! The Macintosh Amateur Radio Software List is now maintained by John
! Seney. See his entry for more information.

Bill Standerfer KF0DJ
****
*** 4218,4224 ****
* Older (Tube) Equipment
* Test Equipment and Measurements

- -

Rene Stiegler N4LET
- --- 4380,4385 ----
****
*** 4242,4247 ****
- --- 4403,4410 ----
Flight Test Center, crashing aircraft so you don't have too.

+ http://red-agnes.la.ca.us/~js/
+
For hams that are interested and live in my area, they are welcome to
login to IBBS. IBBS is a full-time Unix-based computer that is
dedicated to ham radio. I carry a full rec.radio.* news feed and
****
*** 4264,4270 ****
* CW operating tips
* wire antenna tips, hints & kinks

- -

David Stockton GM4ZNX
- --- 4427,4432 ----
****
*** 4275,4283 ****
* Licensed since 1984 (UK full class A)
* Degrees in electronics&comms and digital techniques etc.
* Currently senior design engineer doing RF design
- -
* Fairly broad interest in amateur radio (but not contests!)
- -
* Antennas, Transmission lines,filters from fundamental theory to
practice

```
* Receiver structures and circuits from simple to state of the art.
- --- 4437,4443 ----
***************
*** 4287,4293 ****
* Professional experience of EMC/RFI
* QRP
* UK Operation and Licensing
- -
* My morse is flaky, but I keep working on it
* No interest in contests
* No interest in packet radio or in fixing computers
- --- 4447,4452 ----
***************
*** 4326,4332 ****

SPEAKER AND HOST OF PACTOR FORUM AT DAYTON HAMVENTION

- -

--------------------------------------------------------------------

- T -
- --- 4485,4490 ----
***************
*** 4363,4369 ****
* VHF & UHF FM commercial experience
* Telephone RFI and lightning protection

- -

--------------------------------------------------------------------

Patrick Tice WA0TDA
- --- 4521,4526 ----
***************
*** 4421,4427 ****
The ARRL Technical Information Service (TIS) is a valuable membership
benefit that helps hams find answers to difficult technical questions.

- -
The answer to a ham's most common technical questions can be found in
one of the many books about Amateur Radio. Folks who call or write to
ARRL TIS staff are often referred to one of these books or to a past
- --- 4578,4583 ----
***************
*** 4465,4470 ****
- --- 4622,4681 ----
the ARRL World-Wide Web Home Page.

--------------------------------------------------------------------

+ Dr. Len Traubman (DDS) W6HJK
+
+ ltraubman@igc.apc.org
+
```

+ http://www.igc.org/traubman/
+
+ Russian Phrases for Amateur Radio:
+
+ http://www.igc.org/traubman/russian.htm
+
+ This 20-page syllabus was compiled during the Cold War by W6HJK to
+ help amateurs better communicate with their Soviet colleagues. A
+ 90-minute audio cassette has been added to help with pronunciation.
+ You need not be an expert in Russian, only interested in "trying."
+
+ The booklet provides (1) English words and phrases for QSOs,
+ accompanied by (2) the Russian translation and (3) the English
+ transliteration, to assist you in pronouncing the Russian.
+
+ The syllabus follows the natural sequence of a QSO. There are
+ additional sections on the Russian alphabet, phonetics, CW characters,
+ numerals, and given women's and men's names. Suggestions are made for
+ addressing mail to the former Soviet Union.
+
+ The author undertook this project out of a personal interest in
+ improving the quality of his QSOs with Soviet hams and to enhance USA-
+ USSR relations. A nominal cost of $6 US ($8 US international) for the
+ booklet, and $6 US ($8 US international) for the audio cassette, are
+ payable to the Foundation for Global Community (formerly Beyond War),
+ the original original sponsor of this educational endeavor to build
+ global dialogue and cooperation.
+
+ Requests should be sent to:
+
+ RUSSIAN PHRASES FOR AMATEUR RADIO
+ Len Traubman, W6HJK
+ 1448 Cedarwood Drive
+ San Mateo, California 94403
+ USA
+
+ Voice: +1 (415) 574-8303
+ FAX: +1 (415) 573-1217
+
+ [Editor's Note: It is my intention to keep the Elmers List as
+ comprehensive and useful as possible, representing a broad spectrum of
+ amateur radio activities. To that end, I have tried to make only very
+ minimal content judgements, if at all. Though this organization seems
+ to serve larger political and propaganda goals that I personally may
+ not agree with, I think the amateur-radio-related content, and the
+ useful product being offered, is redeeming enough to include here. As
+ always, criticisms regarding any Elmer's entry may be directed to the
+ Elmer him/herself.]
+ --
+

Clark Savage Turner WA3JPG

****
*** 4588,4595 ****
+ lumped
+ active
+ etc.
- -
- -
* MICROWAVES
+ designing power amplifiers
+ low noise amplifiers
- --- 4799,4804 ----
****
*** 4730,4736 ****

subscribe Icom Wyle E. Coyote

- -

Bob Wilkins N6FRI
- --- 4939,4944 ----
****
*** 4946,4955 ****
Silver Spring, MD 20910
USA

- -
Voice: +1 301 589-6062
FAX: +1 301 608-3410
- -

Mike Witkowski N3FDL
- --- 5154,5161 ----
****
*** 4967,4973 ****
* Vplus
* Totalham

- -

Bob Witte KB0CY, 7J1AUE
- --- 5173,5178 ----
****
*** 4977,4982 ****
- --- 5182,5188 ----
Electronic Measurements Division +1 719 590-3230
Hewlett Packard Company KB0CY 7J1AUE

```
+
* Interests:
+ VHF & UHF Repeaters
+ VHF & UHF Operation (including mountaintopping & portable
***************
*** 4992,4998 ****
* Qualifications & Questionable Credentials:
+ MSEE, FCC General Radiotelephone License, Amateur Extra Class

- -

-----------------------------------------------------------------

John F. Woods WB7EEL
- --- 5198,5203 ----
***************
*** 5008,5014 ****
* ftp://ftp.cs.buffalo.edu/pub/ham-radio/mail_order
* ftp://rtfm.mit.edu/pub/usenet/rec.radio.amateur.misc/

- -

-----------------------------------------------------------------

- X -
- --- 5213,5218 ----

- --
73, Paul W. Schleck, KD3FU

pschleck@novia.net (personal mail)
elmers-request@novia.net (Elmers List administrivia)

-----BEGIN PGP SIGNATURE-----
Version: 2.6.2

iQCVAwUBMisokyROYYq72ea1AQGohgP9GRHir6XjzyY+Kmy+Y4FBhfcQBAGZTBBt
1I9sTMveNltdEaiKQwYdvCmxmvbkvOeej16m+Ikj82xIbBGjoZIz+vKyDsPKcp5u
IJzJbmEDyay2rFEfVyhvXGCaRe0WK4pCPeWY4mBy7XTT2CS8yMn3T/rGDXS+lQTP
6CCVkHXBCEg=
=MSgM
-----END PGP SIGNATURE-----
```

2165. Amateur Radio: Elmers Resource Directory [S-Z]

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: pschleck@novia.net
Message-ID: <radio/ham-radio/elmers/list/part4-1-841694959@novia.net>
Source record: 217684
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

Posted-By: auto-faq 3.3 beta (Perl 5.001)
Archive-name: radio/ham-radio/elmers/list/part4
Posting-Frequency: posted on the first Monday of each month
URL: http://www.novia.net/~pschleck/elmers/

-----BEGIN PGP SIGNED MESSAGE-----

(Continued from previous part.)

- S -

Bob Salnick WA9BVE

Bob Salnick, Spokane,WA | UUCP: oliveb!isc-br!tau-ceti!DejaVu!salnick
Amiga 1000, WB 1.3 | INTERNET: salnick@DejaVu.spk.wa.us
WA9BVE |

I can help people with HF stuff, cheap antennas, and am willing to
help troubleshoot problems with rigs.

I believe that one of the pillars of ham radio - construction/
understanding at the burn-your-hand-with-a-soldering-iron level - is
drifting out of ham radio. With Japanese radios which cost so much,
fewer and fewer hams are willing to risk their warranty to service
their own equipment. I would like to see a turn-around here...

Mark Salyzyn VE6MGS

mark@ve6mgs.ampr.ab.ca

* Qualifications:
+ Repair Technician
+ Electrical Engineer (14+ years)
+ Advanced Amateur (Canadian) since 1988
* Advice of value:
+ HF + VHF construction, homebrew, repair, circuitry,
programming and mods
+ Operating Mobile
+ Packet Radio (Radio, TNC, AX.25, TCP/IP, UNIX NeXTSTEP)
+ NTS (Former Net Control for 80m CW Alberta Traffic Net for 3
1/2 years)
+ Canadian Tests, Rules and Regulations (At least I can do some
legwork if I don't know the answers.)

+ Antennas, Design and Installation
+ General Electronics, Repair, Diagnosis and Design
+ CW training
+ Having fun with Amateur Radio communications

Past Maintainer of Radio Amateurs on Usenet E-mail address directory

(still am an interested contact for this resource, though)

Experimental Search Front-End:

* http://www.acs.ncsu.edu/HamRadio/UsenetList.html

Please direct all Radio Amateurs on Usenet E-mail address feedback,
submissions, and administrivia to hamlist@esi.com.au or
hams-on-usenet@ve6mgs.ampr.ab.ca.

Raymond Sarrio WB6SIV

wb6siv@cyberg8t.com

Advice on Antennas, Equipment, and the Internet

Qualifications:
* Licensed since 1966
* Extra Class
* WWW Webmaster
* CW/HF Operator
* Creator of the When All Else Fails--Amateur Radio Shirt

Owner of a Full-Purpose Ham Radio World-Wide Web Site:

(The Raymond Sarrio Co.)

http://www.sarrio.com/

Please direct any feedback, submissions, or administrivia regarding
these resources to my E-mail address above.

Nick Sayer N6QQQ

Nick Sayer <nsayer@quack.kfu.com> | "I don't mind shooting, so long
N6QQQ @ N0ARY.#NOCAL.CA.USA.NOAM | as the right people get shot."
+1 408 249 9630, log in as 'guest' |
URL: http://www.kfu.com/~nsayer/ | -- "Dirty" Harry Calahan

* HF RTTY/AMTOR, Decoding CHU
* VHF Packet
* Unix, especially SunOS
* Network Time Protocol (NTP)
* Class-C Bipolar Amplifier Design
* Phased-Lock-Loop (PLL) Theory (except for loop filters)

Maintainer of the FCC-Approved(*) PostScript(tm) Form 610:

ftp://ftp.kfu.com/pub/FCC-610/

(*) To be completely official, the FCC recommends that it be printed on standard-weight, buff-colored paper form stock.

Paul W. Schleck KD3FU

pschleck@novia.net

(finger pschleck@novia.net for PGP Public Key)

http://www.novia.net/~pschleck/

Internet Services (Finding FAQ's, using Usenet, FTP, telnet, Archie, FTP mail-servers, mailing lists, etc., etc.)

Club Activities, Examinations, and other events in the Omaha/ Lincoln/Council Bluffs (Eastern Nebraska/Western Iowa) area.

Also willing to provide newsreader kill/select file help to anyone interested in customizing their presentation of the rec.radio.* newsgroups

I would be particularly interested in mentoring/training new FAQ/Info maintainers for the rec.radio.* newsgroups (see also Jack Hill and John Seney for FAQ maintenance opportunities and the rec.radio.amateur.* Working Group mailing list). To paraphrase Zack Lau, I can't post it all myself!

I have taken over maintenance of the Perl-based auto-faq FAQ management and posting package from Ian Kluft and would be happy to guide new FAQ authors in its use. The latest version, 3.2pl2, is available via anonymous FTP from:

ftp://ftp.novia.net/customers/pschleck/auto-faq/

The auto-faq-users mailing list has also been re-sited at Novia. To subscribe, send E-mail to auto-faq-users-request@novia.net

with:

subscribe auto-faq-users

in the message body. An acknowledgement message will follow shortly. To unsubscribe, replace the above command with:

unsubscribe auto-faq-users

Recently I undertook some academic research into packet radio using KA9Q's Multiple-Access/Collision Avoidance (MACA) link-layer protocol. I attempted a literature survey as well as some software simulations of the protocol (with varying degrees of success). I would welcome any opportunities to improve on my work, find out about any actual MACA implementations, share information, and build on my bibliography (available on request). More information about MACA may be obtained from:

ftp://ftp.ucsd.edu/hamradio/packet/arrlcnc/1990/

College Clubs

Maintainer of this list

Please direct all Elmers List submissions, feedback, and administrivia
to elmers-request@novia.net.

Tony Schliesser N8XJA

aschlies@newwave.net

http://www.newwave.net/~aschlies/

(Check my home page above to find out the current status of projects,
etc.)

+1 304 727-5707

1011 Green Valley Drive
St. Albans, WV 25177

* Mobile
* Packet and Digital Networking
* Repeaters
* Skywarn
* UNIX
* VHF

Barry Schwartz N2SHP

godzilla@panix.com

New York City ARES Emergency Coordinator for Operations

NYC ARES World-Wide Web Home Page:

http://www.panix.com/clay/nyc-ares/

Tom Sefranek WA1RHP

tcs@cmcorp.com

http://www.cmcorp.com/ham_radio/inventory/sefranek.html

112 Great Rd.
Shirley, MA 01464
+1 508 425-6672

ARRL & W5YI VE, ARRL TS, ARRL Instructor/Elmer

* Amplifiers
* Antennas/Transmission lines

* Battery/Solar Operation
* Homebrewing/Do-it-Yourself
* Mobile Operation
* Power supplies
* Repeater Building/Maintaining
* RFI Consultant

I prefer E-Mail to answer questions, etc.
but feel free to call if you like.

John D. Seney WD1V

John D. Seney |_|_|_|_| john@wd1v.mv.com
144 Pepperidge Dr |_| |_| page 5956779@skymail.com
Manchester, NH 03103-6150 |_|_ _|_| AX.25: WD1V@WB1DSW.NH.USA.NOAM
voice mail +1 (603) 533-3472 | | | | | fax +1 (603) 627-1623

Free Macintosh Amateur Radio Test Simulators

Available under:

* ftp://ftp.barc.org/pub/hamradio/mac/theory-and-morse/
* http://www.mv.com/ipusers/wd1v/

Macnet Macintosh Amateur Radio Software Distribution

Mac Computers + Hams + Radios = Macnet Software

Available under:

* ftp://ftp.barc.org/pub/hamradio/mac/
* http://www.mv.com/ipusers/wd1v

or via First Class Mail on 10 New Disks for just $30.00 US

(Each Stuffed with the Latest Self Extracting Public Domain or
Freeware Versions - 800k Disks)

Macnet Index by Disk:

1. Logs + Demos
2. DX + Contest
3. Education + Remote Control
4. Astronomy + FAX
5. Packet Terminals
6. Net/Mac TCP/IP + FAQ
7. Novice Test (or the Ham Test of Your Choice)
8. Satellite Trackers + Dove
9. C/C++ Programming Tutors
10. Macnet Roster ("Whos Who" of Hams w/ Macs)

Send Check or Money Order - Outside USA Send $40.00 US
All Orders Shipped within 48 Hours

Maintainer of rec.radio.amateur.misc FAQ

(Formerly maintained by Diana Syriac, KC1SP, and Ian Kluft, KO6YQ.)

Available from:

http://www.mv.com/ipusers/wd1v/hamradio.faq.html

(The majority of the original content of the FAQ remains the same, but now it's a hypertext document with hundreds of links to radio- related sites and is a significant resource to all students of amateur radio - regardless of their license status.)

Maintainer of Digital Storage Scope FAQ

Available from:

http://www.mv.com/ipusers/wd1v/dsofaq.html

or write me at my E-mail address above with:

subscribe scope.faq

in the Subject.

Maintainer of Macintosh Amateur Radio Software List

(Formerly maintained by Patty Winter, N6BIS and Terry Stader, KA8SCP.)

http://www.mv.com/ipusers/wd1v/page5.html

Please direct any submissions, feedback, or administrivia regarding these services to my E-mail address above.

Jimmie B. Shelton KT4FQ

jshelton@sprynet.com
n5laejs@aol.com

Voice: +1 615 431-7573
Modem: +1 615 431-4081

2329 Pendleton Dr.
Clarksville, TN 37042

* Antennas
* Field Day

Philip A. Shelton N6DZH

pas@west.net

Voice (Work): +1 805 569-0110
FAX/Modem: +1 805 682-0119

2654 State Street #33
Santa Barbara, CA 93105

* Antennas
* ARES/RACES
* Morse Code
* QRP
* Volunteer Examiner

Mike Silva KK6GM

mjsilva@ix.netcom.com

Stuff I know:
* Antennas
* Circuitry (analog, digital, RF, tubes, semiconductors)
* Construction
* CW
* Operation (HF, VHF/UHF)
* Finding Parts

Don Simpson KO4TA

ko4ta@mindspring.com

Net Control, Best of 75 Net

Meets every Saturday evening at 1930 Eastern Time at 3.975 MHz (75 Meter HF Amateur Radio). Guests via the KO4TA phone patch usually arrive about 2100 Eastern Time.

The purpose of this net is to bring the Amateur Celebrity to the Amateur for an opportunity to ask and answer questions. Past guests have included Barry Goldwater, Wayne Green, Hap Holley, Fred Maia, and Bill Pasternak.

The 3.975 MHz frequency is also home of the Friday Night Trader's Net at 1930 EST as well as good-natured discussion in general almost any other time.

World-Wide Web Home page of the "Best of 75 Net":

http://www.mindspring.com/~ko4ta/bestofnet.html

Security/Fire Systems Home Page:

http://www.mindspring.com/~ko4ta/alarm.html

Rein Smit W6/PA0ZN

rein0zn@ix.netcom.com

Earth-Moon-Earth (EME) and Search for Extraterrestrial Intelligence (SETI)
World-Wide Web Page:

http://www.nitehawk.com/rasmit/

Bill Sohl K2UNK

billsohl@planet.net

+1 201 691-8116

Budd Lake, New Jersey

ARRL Local Government Liaison

Other areas of expertise:

* Apple Macintosh
* Batteries
* Internet Services
* Scouting (Radio Merit Badge Counselor)
* Seminars/Lectures
* VHF
* Zoning Ordinances Related to Antenna Towers

Keith Sproul WU2Z

Keith Sproul Ham Radio: WU2Z
Student Housing Network Coordinator ksproul@noc.rutgers.edu
Rutgers University Computing Service +1 908 445-3695 Work +1 908 445-2968 Fax
http://www-ns.rutgers.edu/~ksproul +1 908 821-4828 Home

North Brunswick, New Jersey

Automated Position Reporting System (APRS)

(See also Mark Sproul)

Mark Sproul KB2ICI

sproul@ap.org

North Brunswick, New Jersey

Automated Position Reporting System (APRS) World-Wide Web Page:

http://aprs.rutgers.edu/APRS/

Terry Stader KA8SCP/1

America Online Ham Radio Club Host

* tstader@aol.com (files/messages less than 27K)

* KA8SCP@WA1PHY.#EMA.MA.USA.NOAM _or_
* ka8scp@ka8scp.ampr.org [44.56.4.82]

* registered ARRL Instructor (teaching for the last 6 years
Novice/Tech classes with an 87% pass rate)
* Host (Forum Manager) of the America Online Ham Radio Club Forum
* President for 6 consecutive years of an ARRL Special Service Club
(The Police Amateur Radio Team of Westford, MA - WB1GOF)
* ARRL Eastern Massachusetts Assistant Section Manager and District
Emergency Coordinator
* Area 1 Communications Officer for the Massachusetts Emergency
Management Agency (formerly Mass. Civil Defense Agency)
* Expertise with Apple // and Macintosh computers. (I have over 80
MB of Mac ham radio software available.) and ham-related
* Operate TCP/IP with Macintosh
* plus all around source of information about communications

Massachusetts Emergency Management Agency World-Wide Web Page:

http://www.magnet.state.ma.us/mema/

The Macintosh Amateur Radio Software List is now maintained by John
Seney. See his entry for more information.

Bill Standerfer KF0DJ

Bill Standerfer * Hewlett-Packard Company
CFI-A, IA, ME * VXI Systems Division
bills@lvld.hp.com * Loveland, CO 80539
Baron N222AB - KF0DJ - Pikes Peak 253 * +1 303 679-2378

I'm certainly willing to be an Elmer if there's a need. I hope I've
learned a few things since 1966 when I first went on the air. :-)
Here's a list of subjects I might be able to help with:

* Combining amateur radio and flying
* Antennas
* Civil Air Patrol
* General Operating Practices
* Older (Tube) Equipment
* Test Equipment and Measurements

Rene Stiegler N4LET

msgctr@world.std.com

Manager, Maritime Mobile Service Net (MMSN)

MMSN World-Wide Web Home Page:

http://www.maf.mobile.al.us/~mmsn/

Jeff Stillinger KB6IBB

- ---
Jeff Stillinger - KB6IBB js@ibbs.av.org
PSC Box 3429 js@red-eft.la.ca.us
Edwards AFB, CA 93524 +1 805 258 7303 8N1
Flight Test Center, crashing aircraft so you don't have too.
- ---

http://red-agnes.la.ca.us/~js/

For hams that are interested and live in my area, they are welcome to login to IBBS. IBBS is a full-time Unix-based computer that is dedicated to ham radio. I carry a full rec.radio.* news feed and E-mail. There will never be a fee for anything.

Over the past 10 years I have operated from 160 M - 23 CM and would be willing to answer any question a new person to the hobby has. If I don't know the answer, well, NASA is only two blocks away. :-) I live and work here at Edwards Air Force Base, CA. I am also very active in SAREX.

Dave Stine WA2JTA/6

dstine@cisco.com

My areas of expertise are:

* vacuum tube amps, receivers, exciters
* CW operating tips
* wire antenna tips, hints & kinks

David Stockton GM4ZNX

dstock@hpsqf.sqf.hp.com

* SWL since 1960
* Licensed since 1984 (UK full class A)
* Degrees in electronics&comms and digital techniques etc.
* Currently senior design engineer doing RF design
* Fairly broad interest in amateur radio (but not contests!)
* Antennas, Transmission lines,filters from fundamental theory to practice
* Receiver structures and circuits from simple to state of the art.
* Transmitters, ATUs
* Test equipment
* Wide experience of troubleshooting/repairing equipment.
* Professional experience of EMC/RFI
* QRP
* UK Operation and Licensing
* My morse is flaky, but I keep working on it
* No interest in contests

* No interest in packet radio or in fixing computers

Just wrote the new oscillator and synthesiser chapter for the 1995 ARRL Handbook. Also co-developed (with G3ROO) a robust phase-locked summing loop circuit to replace the common mixer-filter LO frequency adder. A technical article describing the project was recently published in RADCOM.

C. E. (Chuck) Strobel K6PBT

cestro@pinsight.com

Maintainer of the K6PBT Dealer Directory:

(For the Ham Radio/SWL/Electronics Enthusiast)

DealerLinks: http://www.pinsight.com/~cestro/pcdlinks.html
DealerEmail: http://www.pinsight.com/~cestro/pcdemail.html

Please direct any feedback, submissions, or administrivia regarding these resources to my E-mail address above.

Phil Sussman KB8LUJ

pactor@dnaco.net

Publisher of PACTOR News:

http://www.dnaco.net/~pactor/

(Also contains links to other PACTOR-related sites)

Speaker and Host of PACTOR Forum at Dayton Hamvention

- T -

Roger H. Taylor K9ALD

Roger H. Taylor, PE rtaylor@ux1.cso.uiuc.edu
1106 Rayburn Ct. K9ALD AFA3WG
Mahomet, IL 61853 Outdoor writer (Fishing)
+1 217 586-4958 Skamania Reign Supreme!
Manager, Network systems, OIM, University of Illinois

Help on antennas, Air Force MARS, components, Tube circuits, linear amplifiers, troubleshooting, Internet questions and software

Author of 1995 ARRL Handbook, Chapter 5 on Direct Current (DC)

Illinois Fishing Page at:

http://www.cba.uiuc.edu/~rtaylor/fish/fish.htm

Pierre Thomson KA2QPG

mmommsen@mhv.net

Interests:

* Operate mostly HF, mostly CW
* HF wire antennas
* LF/MF radiobeacon DXing
* VHF & UHF FM commercial experience
* Telephone RFI and lightning protection

Patrick Tice WA0TDA

handiham@mtn.org

Voice: +1 612 520-0511
FAX: +1 612 520-0577

Manager, Courage HANDI-HAM System

I have information pertaining to Amateur Radio and physical
disabilities or sensory impairments, such as blindness.

Visit us on the World-Wide Web:

http://www.mtn.org/handiham/

Bob Tidd KJ6CS

inp@violet.berkeley.edu

Computerized DXCC databases and query software (written in BSD-Unix
compatible C) available on request. Would welcome ports to IBM-PC or
Macintosh.

Markku Toijala OH2BQZ

mto@spider.compart.fi

Finnish Amateur Radio League (SRAL) World-Wide Web Page:

http://www.sral.fi/

Please direct all submissions, feedback, and administrivia regarding
SRAL and its WWW page to hq@sral.fi.

Michael Tracy KC1SX

Michael Tracy, KC1SX | mtracy@arrl.org
American Radio Relay League | tis@arrl.org
225 Main St. |
Newington, CT 06111 |
+1 860 594-0200 - voice
+1 860 594-0259 - FAX

ARRL Technical Information Service Coordinator (tis@arrl.org)

ARRL E-Mail Information Server SysOp (info@arrl.org)

The ARRL Technical Information Service (TIS) is a valuable membership benefit that helps hams find answers to difficult technical questions.

The answer to a ham's most common technical questions can be found in one of the many books about Amateur Radio. Folks who call or write to ARRL TIS staff are often referred to one of these books or to a past magazine article.

However, most hams find that the fastest way to get the answer is to do their own research. Publication catalogs often talk about what kinds of information are available in different books. A few good books will answer the vast majority of questions as well as enhance a ham's knowledge and enjoyment of this fascinating hobby.

Magazines are also a superb technical reference. An annual index of articles appears in the December issue of QST and other magazines. These indexes will usually have an article or two (or six) about a particular topic. If an older QST or QEX article is not available locally, the ARRL Technical Department Secretary can provide a copy for a small fee. Back issues are also available from the QST Circulation Department.

The ARRL Technical Information Service is a valuable source of information and research for questions that cannot be answered by other means. ARRL TIS has information packages and bibliographies that are available on request to answer most technical questions.

For those who want to know if something has been previously published on a particular subject, TIS can also assist with research to locate this information. TIS also helps locate companies that sell hard to find parts or supplies used in our hobby.

Many amateur radio informational documents are also available from the ARRL E-Mail Information Server (or Info-Server for short). To find out how to use the Info-Server, send E-mail to info@arrl.org with any subject (it is ignored) and the following text in the body of the message:

HELP
QUIT

See Cheyenne Greatorex's entry for information about the ARRL Anonymous FTP Archive and David Newkirk's entry for information about the ARRL World-Wide Web Home Page.

Dr. Len Traubman (DDS) W6HJK

ltraubman@igc.apc.org

http://www.igc.org/traubman/

Russian Phrases for Amateur Radio:

http://www.igc.org/traubman/russian.htm

This 20-page syllabus was compiled during the Cold War by W6HJK to help amateurs better communicate with their Soviet colleagues. A 90-minute audio cassette has been added to help with pronunciation. You need not be an expert in Russian, only interested in "trying."

The booklet provides (1) English words and phrases for QSOs, accompanied by (2) the Russian translation and (3) the English transliteration, to assist you in pronouncing the Russian.

The syllabus follows the natural sequence of a QSO. There are additional sections on the Russian alphabet, phonetics, CW characters, numerals, and given women's and men's names. Suggestions are made for addressing mail to the former Soviet Union.

The author undertook this project out of a personal interest in improving the quality of his QSOs with Soviet hams and to enhance USA-USSR relations. A nominal cost of $6 US ($8 US international) for the booklet, and $6 US ($8 US international) for the audio cassette, are payable to the Foundation for Global Community (formerly Beyond War), the original original sponsor of this educational endeavor to build global dialogue and cooperation.

Requests should be sent to:

RUSSIAN PHRASES FOR AMATEUR RADIO
Len Traubman, W6HJK
1448 Cedarwood Drive
San Mateo, California 94403
USA

Voice: +1 (415) 574-8303
FAX: +1 (415) 573-1217

[Editor's Note: It is my intention to keep the Elmers List as comprehensive and useful as possible, representing a broad spectrum of amateur radio activities. To that end, I have tried to make only very minimal content judgements, if at all. Though this organization seems to serve larger political and propaganda goals that I personally may not agree with, I think the amateur-radio-related content, and the useful product being offered, is redeeming enough to include here. As always, criticisms regarding any Elmer's entry may be directed to the Elmer him/herself.]

Clark Savage Turner WA3JPG

Clark Savage Turner, Graduate Student Researcher
turner@safety.ics.uci.edu
Safety Critical Software Group home:
Department of Info. and Computer Science 1514 Verano Place
Irvine, CA 92717 Irvine, CA 92715
+1 714 856 4049 +1 714 856 2131

WA3JPG, QRP #3526
HHH WAS #489

Admitted to practice law in California, Massachusetts, and New York.

ARRL Volunteer Counsel

I would be happy to be an Elmer (have been doing it by default) in the area of older HF gear, especially QRP operation with Ten Tec Argonauts (and Power Mites, etc.). Also have experience with other 10-20 year-old economy HF rigs, particularly the Kenwood TS-520.

Dr. Simon Twigger AA9PW, G1SNT

- --
Dr. Simon Twigger Tel: +1 414 456-8485
Medical College of Wisconsin Fax: +1 414 266-8497
8701, Watertown Plank Road Email: simont@post.its.mcw.edu
Milwaukee, WI 53213
WWW: http://www.biochem.mcw.edu/Postdocs/Simon/index.html

"Why don't you just make 10 louder?"
(Spinal Tap)
- --

Having recently discovered the joys of Perl and CGI on the WWW, I decided to get into the swing of it by coding a WWW page where one can take practice Amateur Radio Exams. The page is now complete and has all five examinations along with figures (including Extra).

The results are displayed question-by-question and then broken down by subelement so that you can see which areas need extra study.

I am also saving the results from each examination taken so that one can get some idea of the relative success rate for each Exam and subelement. This may provide some interesting information as time goes by.

The page can be found at:

http://www.biochem.mcw.edu/Postdocs/Simon/radio/exam.html

I _think_ it should all work as expected but I welcome any reports of bugs and/or suggestions!

I hope this is of use to people interested in upgrading.

PS: If the page is slow, or not to your liking, try Ham Exam at:

http://w5ac.tamu.edu/ham-exam.html

- U -

- V -

Johnathan Vail N1DXG

PrePRESS Johnathan Vail vail@prepress.pps.com +1 508 262-8354
- ---------+ 900 Middlesex Turnpike Billerica, Massachusetts 01821
solutions MEMBER: League for Programming Freedom (league@prep.ai.mit.edu)

Amateur TCP/IP

TAPR/9600 modem

(putting some stuff together for a local repeater)

David P. van De Kerk KE6GXD

David P. van De Kerk Manager, Systems Integration
American Turnkey Santa Ana, CA USA
+1 714 557-9050 x-207 voice +1 714 557-9056 FAX davev@atkc.com
==========
This message does not constitute any official or unofficial statement or policy of American Turnkey or any other organization, corporation or institution.

I just upgraded to Advanced, and am now working on Extra. Was first licensed about ten months ago.

What I've learned:

1. How to operate HF from your apartment without being evicted
2. How to pass tests, both written and code
3. How to make a virtue out of the necessity of your limited equipment, and enjoy the process while doing it

I operate CW HF exclusively. The only time I get to operate is when the baby is asleep, so the XYL demands silent running. Besides, with my wimpy wire, there is little point in trying to run voice.

Frank E. van Vliet PA3FAQ

vanvliet@dutette.et.tudelft.nl

I am willing to answer questions about:

* FILTERS
+ integrated
+ distributed
+ lumped
+ active
+ etc.
* MICROWAVES
+ designing power amplifiers
+ low noise amplifiers
+ mixers
+ etc.

(E-Mail questions are preferred)

Frank E. van Vliet :-)
Delft University of Technology
Faculty of Electrical Engineering
Postbus 5031
2600 GA DELFT
The Netherlands

Peter Vekinis KC1QF, EI4GV, SV0GV

peter.vekinis@dg3.cec.be

http://www.ellada.com/ham/kc1qf.html

Picosat System World-Wide Web Page:

http://www.cordis.lu/esprit/src/picosat.htm

(The Picosat System will consist of a constellation of very tiny, 15 cm cube, low-earth-orbit amateur satellites accessible by low-power handheld VHF radios.)

Charles R. (Chip) Veres WB4OQN

veresc@mail.firn.edu

+1 305 989-4329 (don't be put off by the answering machine)

Miami, FL

I have been active in amateur and commercial radio for the last 26 years I have worked on AM, FM, CW, and SSB sets from longwave through 12 GHz. I have also built TV stations for UHF and the 2.5 GHz ITFS band.

I am particularly interested in finding others to learn from my experiences. I am available by net or in person.

- W -

Jim Walsh W7LVN

jwalsh@efn.org

Quarter Century Wireless Association, Inc. (QCWA), headquartered in Eugene, OR, is pleased to announce the QCWA World-Wide Web Home Page, available by either text or graphics browser at:

http://www.efn.org/~qcwa/

Membership in QCWA, a not-for-profit 501(c)(3) corporation, is open to any radio amateur licensed today AND also licensed 25 years or more ago (there is NO REQUIREMENT for continuous licensing over this time period -- if you received your first ham license on or before January 1, 1970, you're now eligible). Included on the Web page are:

* Photos, biographies, addresses and phone numbers of QCWA 1995-1996 Officers and Directors
* Database of local Chapters (nearly 200, worldwide), including name, address, and callsign of Chapter Secretary
* Listing of on-the-air Chapter meetings
* Details of upcoming National Convention -- with photos, as soon as we receive them
* A few words about the quarterly QCWA Journal (we hope soon to have excerpts from Editor Barry Wiseman's new, improved Journal available to you on the Web)
* Rules and schedule for QCWA Phone and CW QSO Parties
* QCWA Memorial Scholarship Program
* Criteria for and recent winners of QCWA Awards
* A Photo Tour of QCWA Headquarters and W2MM/7 memorial station (soon to display a spiffy new IC-738 . . . THANK YOU, ICOM!)
* Links to other interesting ham-related Web sites

Please visit QCWA on the Web . . . and take a moment to E-mail me with your comments, corrections, and suggestions at my E-mail address above. If you administer a ham-related Web site, QCWA would appreciate a Link from your page. We're 12,000-strong -- worldwide -- and growing! Come join us!

John Wendt WA6BFH

wireless@cyberg8t.com

Founder, Tech Bench Elmers Amateur Radio Society

(Devoted to homebrewing and technical amateur radio in general)

(See also Bob Goldman)

Paul Whatton G4DCV

pwhatton@surrart.ac.uk

Manager, Amiga Amateur Radio User Group (AARUG)

AARUG World-Wide Web Page:

http://homepages.enterprise.net/pwhatton/

Bob Wier

-- Round Up the Usual Disclaimers! --
Bob Wier, CS Dept., East Texas State University
wier@bobcat.etsu.edu - keeper of the
Motorola MC68HC11, Photo-3D, SD3D,
Icom Radio and Overland Trails mailing lists

The HC11 mailing list also encompasses discussion about the HC16 and 683XX series of micro-controllers.

The ICOM list is for not only Ham, but SWL, Scanning, and Global Positioning System (GPS) equipment as well.

Subscription requests for any of these can be sent to

listserv@bobcat.etsu.edu

with the body of the message as:

subscribe list-name <your full name>

for example

subscribe Icom Wyle E. Coyote

Bob Wilkins N6FRI

Bob Wilkins N6FRI work bwilkins@cave.org
Berkeley, California home rwilkins@ccnet.com
94701-0710 ax.25 N6FRI@N6EEG.#NOCAL.CA.USA.NOAM

Repeaters

UHF Propagation

California Amateur VHF Enthusiasts (CAVE) World-Wide Web Page:

http://www.ccnet.com/~rwilkins/

Lou Williams KE4ARM

Lou Williams (Lou_Williams@ncsu.edu) | aka: KE4ARM
Unix Systems Programmer | Phone: +1 919 515-2794
NCSU Administrative Computing Services | FAX: +1 919 515-3787

Personal URL: http://www.acs.ncsu.edu/~nsyslaw/

Maintainer of the Amateur Radio Web Server:

http://www.acs.ncsu.edu/HamRadio/

Please direct all submissions, feedback, and administrivia to my
E-mail address above.

Gene Williamson K7DBV

genewill@efn.org

Quarter Century Wireless Association

(see also Jim Walsh)

Paul Williamson KB5MU

kb5mu@amsat.org

I'm not the author of InstantTrack itself, but I was extensively
involved in its testing. I'm the author of OrbitDRV (the tracking TSR
that comes with InstantTrack) and a number of other InstantTrack
auxiliary programs.

AMSAT-NA (the Radio Amateur Satellite Corporation in North America)
operates the Internet host AMSAT.ORG to provide for efficient
communications between people interested in the amateur satellite
program. At this time two services are provided: a message remailing
service and a mailing list service.

In addition, the AMSAT World-Wide Web home page provides interactive
access to a variety of information related to the amateur radio
satellite program. Use your Web browser program (e.g., Mosaic) to
access the URL:

http://www.amsat.org/

Anonymous FTP is available from:

ftp://ftp.amsat.org/amsat/

This archive contains much of the same information as the WWW server.
In addition, various files and programs are available for anonymous
FTP. This is a relatively new archive, so the older FTP site:

ftp://ftp.ucsd.edu/hamradio/

still has lots of files not available there.

The message remailing service permits users to send each other mail on the Internet without keeping track of each other's Internet address. The remailing service allows each user to receive mail sent to the address callsign@amsat.org, where callsign is that user's amateur radio callsign, or other unique identifier. Mail sent to that address will be routed first to the AMSAT.ORG host at UCSD in San Diego, then remailed from AMSAT.ORG to the network address specified by the user. In most cases, this process delays the message by only a very few minutes. The mailing list service groups subscribers into mailing lists to receive certain types of messages. There are public mailing lists available to anyone, and private mailing lists available only to certain people (for example, AMSAT Board of Directors members or PACSAT command stations). Currently the following public mailing lists exist:

ANS - AMSAT News Service

This mailing list carries official news releases from the AMSAT News Service. These messages are posted in a form suitable for direct posting to a packet radio BBS system. Each message contains a Bulletin Identifier (BID), which permits the message to be introduced into the packet network at many places without resulting in duplicate bulletins at any BBS. The primary purpose of this mailing list is to distribute ANS bulletins for redistribution (via the packet net or on AMSAT voice nets), but individuals may also subscribe for their own use. If your local packet BBS doesn't seem to get the ANS bulletins reliably, you are encouraged to post the ANS bulletins yourself.

Only authorized AMSAT News Service personnel should send messages to the ANS mailing list.

AMSAT-BB - AMSAT bulletin board

This mailing list carries general AMSAT information. This information may NOT be suitable in content for transmission via amateur radio, so automatic reposting of AMSAT-BB messages to packet radio BBS's is discouraged. The purpose of this mailing list is to provide a forum for general discussion of any satellite-related topic.

Anyone may send messages to the AMSAT-BB mailing list. Simply address your message to amsat-bb@amsat.org, and it will be automatically forwarded to all subscribers to the AMSAT-BB mailing list.

Editors of publications should ask permission of the sender before publishing anything seen in AMSAT-BB elsewhere, unless the posting was obviously a public press release. However, posters should realize that anything posted to AMSAT-BB is essentially public.

KEPS - Keplerian Elements mailing list

This mailing list carries official postings of Keplerian element sets for satellites of interest to radio amateurs. Like the ANS bulletins, these messages are posted in a form suitable for direct posting to a packet radio BBS.

Only authorized AMSAT News Service personnel should send messages to the KEPS mailing list.

NASAINFO - NASA related information mailing list

This mailing list contains information about current and planned NASA space missions. Be forewarned: at times this mailing list delivers many large messages.

SAREX - Shuttle Amateur Radio Experiment mailing list

This mailing list contains information and press releases pertaining to SAREX missions.

To obtain any of these services, just send a message to the address

listserv@amsat.org

This address may be reached from CompuServe MAIL as:

>INTERNET:listserv@amsat.org

For the moment, the maintenance of the AMSAT.ORG mailing lists and remailing aliases is done manually. Later, this service will probably be automated and you will have to follow a strict message format. For now, you may send requests in free format. They will usually be processed within a few days. In general, you will not receive an explicit reply to your request. Be sure you specify:

1. Which mailing list(s) you want to receive
2. Your callsign, if any
3. The Internet address to be used, if different from the one in your From: header.

You should not send messages about your subscriptions to any of the mailing lists. Send them to listserv@amsat.org instead. This includes questions, requests for changes, requests for information about mailing services, and complaints.

The list of amateurs who may be reached via the message remailing service may be obtained by requesting the "address book". Note that the address book as distributed contains only the callsigns of the available addressees, not their actual Internet addresses. The address book is updated occasionally, and does not necessarily contain the very latest information.

You may request to be added to the list, to be deleted from the list, or to have your Internet address changed on the list. Please include your callsign if you have one. If you don't have a callsign, that's OK, but please say so. If you have more than one Internet address you want to have available on the AMSAT.ORG remailer, you may so specify. For instance, if you have a regular Internet address and a CompuServe account, you may appear in the address book as both w1xyz and w1xyz-cis. Mail sent to w1xyz would go to your Internet address, and mail sent to w1xyz-cis would go to CompuServe. MCImail accounts have

the form w1xyz-mci, and so on.

You may also subscribe or unsubscribe to any of the public mailing lists described above. Send a message to listserv@amsat.org, specifying clearly which mailing list(s) you want to add or drop, and giving your callsign if you have one. When you subscribe to a mailing list, you will automatically be added to the remailing service as well, because the mailing lists are maintained by callsign. If you have more than one address listed in the remailing service, please indicate which one(s) you want the mailing list messages sent to.

Additional mailing lists, public or private, can be set up as needed. Send mail to listserv@amsat.org for details.

Questions about any service offered by AMSAT.ORG may be directed to listserv@amsat.org as well.

Please note that the AMSAT business office is separate from mailing list maintenance. You may address membership requests to martha@amsat.org, or send them by mail, phone, or fax to AMSAT headquarters:

AMSAT-NA
850 Sligo Avenue
Silver Spring, MD 20910
USA

Voice: +1 301 589-6062
FAX: +1 301 608-3410

Mike Witkowski N3FDL

mtw@coredcs.com

DX QSL Info World-Wide Web Page:

http://www.coredcs.com/~mtw/

The DX QSL Info File is updated monthly. It is in Xbase format and runs under a variety of software, including:

* Dbase
* Vplus
* Totalham

Bob Witte KB0CY, 7J1AUE

Bob Witte bobw@col.hp.com
Electronic Measurements Division +1 719 590-3230
Hewlett Packard Company KB0CY 7J1AUE

* Interests:
+ VHF & UHF Repeaters
+ VHF & UHF Operation (including mountaintopping & portable
operation)
+ Scanning frequencies above 30 MHz
+ Coordinator for the Colorado 14er Radio Event (VHF/UHF hiking
& mountaintopping event)
+ Operated portable in Japan (7J1AUE)
+ General Mobile Radio Service (GMRS)
+ Test and measurement equipment
+ Technical writing (ham magazines, EE pubs and a few books)

* Qualifications & Questionable Credentials:
+ MSEE, FCC General Radiotelephone License, Amateur Extra Class

---

John F. Woods WB7EEL

jfw@funhouse.com

Maintainer of My List of Mail Order Electronics Companies

Available from:

* http://www.funhouse.com/jfw/RF_PARTS.txt
* ftp://ftp.funhouse.com/pub/RF_PARTS.txt
* ftp://ftp.cs.buffalo.edu/pub/ham-radio/mail_order
* ftp://rtfm.mit.edu/pub/usenet/rec.radio.amateur.misc/

- X -

- Y -

Conway Yee N2JWQ

yee@mipg.upenn.edu
2144 East 21 Street
Brooklyn, New York 11229

Maintainer of the Universal and Free Listing of Repeaters for Radio Amateurs

This listing with all the data is available for anonymous FTP from:

ftp://mipgsun.mipg.upenn.edu/pub/yee/rptr010.Z

An experimental search and submission front-end is available at:

http://www.acs.ncsu.edu/scripts/HamRadio/repeaterdb.perl

As far as I am aware, all the data is freely redistributable and my
intent is to make sure it stays that way. For this reason, I have
applied the GNU General Public License.

The repeater project will now include repeaters from ALL bands and is not limited to the US. This reflects the intent to make this directory universal.

Contributions of data may be made by anonymous ftp to:

ftp://mipgsun.mipg.upenn.edu/pub/yee/uploads/

or via E-mail to yee@mipg.upenn.edu

The data format has not been changed from the old format so contributions that you were planning to make (prior to my recent troubles) are still current and most welcome. This repeater listing will be of use if people take an active part in making it accurate and useful.

- Z -

Martin A. Zurn IK2RMZ, DL1GBZ

Home QTH: v. Fermi 10, 21027 Ispra (VA) Italy
(Northern Italy near Swiss Border)
Position: Lat 45d49m N Long 8d38m E WW-Loc: JN45ht
On air: CW only, 160 thru 10 incl. WARC, wire ant only

Work QTH: TP 680, Centro CCR, 21020 Ispra (VA) Italy
E-mail at work: martin.zurn@jrc.it

Expertise:

Technical: Elbugs (incl. features like dot/dash memories, squeezing, touch sensors, auto spacing) Antennas used: Windom, Delta Loop, Trap Dipole, Marconi wire.

Operational: CW Operator since 1981, QRP Operation, Traffic handling nets (NTS, Swedish QTC nets) CW operating in several West European languages (Ham radio shorts, use of foreign CW characters in Italian, German, French, Spanish, and Swedish). QSLing (How to design a QSL that satisfies award hunters and operators of the QSL buro)

Club life: Mbr of AGCW, UFT, GQRP, HSC, VHSC, SMHSC, SCAG,...

Admin: License Regulations in Italy and Germany

Mathematics: Spherical Trigonometry, beam headings, calculation of sunset/sunrise times, etc.

End of Directory

-----BEGIN PGP SIGNATURE-----
Version: 2.6.2

iQCVAwUBMisopyROYYq72ea1AQENswP/esjIK8aBEDyADJuXUoJHv27jkeyvHsw5
CpytFIedVB49Ch+48jnHequJCOdIMm1452tOlB1sG+WOc5dAwrdbPVBqX+lzMrV2

```
vE5iC2ydmFUmQHvPcToS9wE7whQgnjpPhNQeooQlh/41wkzlWZuZn4wBqStEPpFj
tDWdEbP/PIk=
=/mBl
-----END PGP SIGNATURE-----
```

2166. Amateur Radio: Elmers Resource Directory [L-R]

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: pschleck@novia.net
Message-ID: <radio/ham-radio/elmers/list/part3-1-841691918@novia.net>
Source record: 217685
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

Posted-By: auto-faq 3.3 beta (Perl 5.001)
Archive-name: radio/ham-radio/elmers/list/part3
Posting-Frequency: posted on the first Monday of each month
URL: http://www.novia.net/~pschleck/elmers/

-----BEGIN PGP SIGNED MESSAGE-----

(Continued from previous part.)

- L -

John Langner WB2OSZ

115 Stedman St. #E
Chelmsford, MA 01824-1823
+1 508 256 6907 (home - civilized times only please)
johnl@world.std.com

Slow-Scan Television (SSTV)

SSTV World-Wide Web Home Page:

http://www.ultranet.com/~sstv/

Manuel Lim Lao DU3LIM

siubon@mnl.sequel.net

+69 047-222-2277

1939 Rizal Ave. WBB.
Olongapo City 2200 Philippines

* ARES
* Reciprocal Licensing/Operating in the Philippines

Alan Larson WA6AZP

larson@net.com
larson@w6yx.stanford.edu

My areas are fairly general, and I teach classes (Novice and Tech,
with and without code, and upgrade sessions) at W6YX. My main audience

is to the Stanford (University) community.

I am also involved with some less common modes, such as fast scan
television and weak signal VHF and UHF.

Zack Lau KH6CP/1

Zack Lau KH6CP/1 Expertise: Design of SSB/CW amateur transceivers
c/o ARRL Lab : up to 222 MHz. Design of transverters
Newington CT 06111 : up to 10.5 GHz. Basic lossy filter
+1 860 594-0200 : design. Developing repeatable projects
zlau@arrl.org : using cheap, easy to get parts.

I'm now starting to look into 24 GHz SSB/CW gear using 10 GHz as a
convenient IF.

Especially looking to help anyone wanting to be a QST/QEX author--I
can't write it all myself!

Howard Leadmon WB3FFV

- ---
Internet : howardl@abs.net | Howard D. Leadmon
UUCP : wb3ffv!howardl | ABSnet Internet Services
PHONE : +1 410 361-8160 | 200 E. Lexington Street
FAX : +1 410 361-8162 | Suite-1602
PACKET : WB3FFV @ WB3FFV.MD.USA.NA | Baltimore, MD 21202
WWW : http://www.abs.net/ |

Amateur Radio Anonymous FTP Archive:

ftp://ftp.abs.net/

I attempt to keep the latest and greatest HAM software on-line, and
encourage all to upload anything new that they come up with, as it is
of benefit to all. Here is a sample of the software that is available
for downloading:

* KA9Q TCP/IP Software for the PC (Latest OFFICIAL release + TEST
Versions)
* KA9Q TCP/IP for the Atari-ST, MAC, & Amiga
* KA9Q TCP/IP for UNIX based systems
* KA9Q TCP/IP (The NOS release) [UNIX, MS/DOS, Amiga]
* KA9Q TCP/IP (Version by G1EMM, PE1CHL, PA0GRI, Etc.)
* N2GTE Packet Message Switch [GTEPMS]
* WA7MBL BBS for the PC
* W0RLI BBS for the PC
* MSYS BBS for the PC running KISS TNC's
* AA4RE BBS for the PC (plus BETA versions)
* F6FBB BBS for the PC
* G8BPQ PC-Node (Version 4.08)
* Various BBS utilities and enhancements

* Several MORSE CODE Tutors
* TheNet software by NORD><LINK
* Modifications for many HAM Rigs and Scanners
* Digital Signal Processing software (DSP)
* DX and contesting programs

ampr.org IP Coordinator for Maryland Subnet (44.060.xxx.xxx)

[Editor's Note: All ampr.org coordinators are listed in the document at:

ftp://ftp.ucsd.edu/hamradio/amprnets

]

Owner of the md-hams Mailing List

The md-hams list has been placed on-line to allow people involved or interested in various facets of Amateur Radio to have a place to talk about local activities in Maryland and the District of Columbia.

To subscribe, send E-mail to md-hams-request@wb3ffv.ampr.org with:

subscribe md-hams <your E-mail address>

in the body of the message. An acknowledgement message will follow shortly.

If you have any questions or problems, feel free to contact me at one of the numbers/addresses above. Good Luck...

Dr. Marc I. Leavey WA3AJR

ajr@ari.net

http://www2.ari.net/ajr/

73 Magazine RTTY Loop Columnist

RTTY Loop World-Wide Web Page:

http://www2.ari.net/ajr/rtty/

(Featuring the RTTY Loop column archive, software library, and general RTTY information.)

Be glad to help out those interested in digital communication.

Alexis Leynes K9KYJ

aleyne1@uic.edu

Personal and Youthnet News Home Page:

http://icarus.cc.uic.edu/~aleyne1/

600 S. Halsted, Suite 3020
Chicago, IL 60607
H: +1 312 326-3739
Voice-Mail: +1 708 612-9306

FCC Technician License Since Feb. 1991
Certified Phlebotomist with the
University of Illinois at Chicago Hospitals and Clinics
Red Lab 1

Emergency Communications
TCP/IP Networking

Editor-in-Chief, Youthnet News

Youthnet NEWS is an amateur radio informational service for the young
radio amateur operator. All Rights Are Reserved 1996.

It is periodically posted to

news:rec.radio.amateur.misc
news:rec.radio.info

Fred Lloyd AA7BQ

- --
Fred Lloyd, AA7BQ flloyd@qrz.com
Scottsdale, Arizona | finger flloyd@qrz.com for PGP Key | http://www.qrz.com
- --

Author of the QRZ! Ham Radio CDROM

I am interested in receiving amateur-radio-related public-domain
and/or shareware programs, data bfiles, frequency lists, etc., that
would make a useful edition to the QRZ! CDROM. Can help arrange volume
discounts for clubs and groups, and will donate copies of QRZ! to
qualifying non-profit organizations. Send E-mail or call +1 602
483-2036.

We now have the QRZ! FTP archive and QRZ! WWW server online, 24 hours
a day. Our connection is via a T1 line so you should get pretty decent
file transfer times.

We've got about 7,000 files online, including radio mods, software,
most everything imaginable. We are also accepting uploads of all ham
radio related material.

Feel free to stop by and have a look:

* ftp://ftp.qrz.com/
* http://www.qrz.com/ (WWW interface to the FTP archive as well as a
Callsign database server)

Authors of ham radio shareware programs, data files, mods, etc., are
invited to contribute their materials to the QRZ! anonymous ftp server

above.

I would also like to thank those who have volunteered in helping port the QRZ! source code to a wide variety of platforms. In the next edition, we'll have support for DOS, Windows, OS/2, Windows NT, Sun, NeXT, SGI, Linux, AIX, and HP/UX executables, directly on the disk.

Notably not mentioned is Macintosh, which so far has been a bit troublesome to put together. If anyone who can program in 'C' on a Macintosh would care to volunteer, please let me know. Although there is an experimental Mac interface at this time, I'd like to make it an officially-supported platform.

The QRZ! Callsign/E-mail Registry now contains over 4100 callsign-to-E-mail-address listings and is growing daily.

We have a WWW page where you can input your E-mail address directly into the QRZ! Callsign Database, where it will be published on both CDROM and on the Internet. When you use this page, your E-mail address is made instantly available to the online database.

Everyone is encouraged to check in and add their E-mail address to the server. There are no charges or listing fees, and it's free to all radio amateurs. The procedure takes only a second, and you are only asked to supply your callsign and E-mail address.

Register your E-mail address today!

We're pleased to announce that the online FCC database at qrz.com is now updated nightly from the FCC with fresh information.

According to FCC rules, if you've just passed your first test, you can begin operating as soon as your callsign shows up in the online database.

Please pass on any ideas, suggestions, comments, etc., to my E-mail address above.

Luther M. Lord N4DA

n4da@mindspring.com

If you need a good place to get your amateur radio repaired, I can help. Visit the Radio Doctor's home page at:

http://www.mindspring.com/~n4da/top.html

I will answer all technical questions received via E-Mail at my address above. This service is offered presently at no charge.

Jeff Luszcz N2TIQ

jeff@gauss.arc.nasa.gov

College and University Club List World-Wide Web Page:

http://www.geocities.com/SiliconValley/7512/hobbies.html

Sandy Lynch WA6BXH, 7J1ABV

slay@netcom.com

Information about foreigners operating in Japan

- M -

Dean R. Madsen KE0WO

Dean R Madsen, KE0WO Computer Science Major
Internet: dmadsen@iastate.edu Iowa State University
ke0wo@iastate.edu Ames, Iowa
AX25: KE0WO @ KE0WO.#NWIA.IA.USA.NA
Secretary for the Tristate Amateur Packet Association
Treasurer for the Cyclone Amateur Radio Club

A few members of our ham radio club were interested in helping out. Since our turnover is usually 4 years or so (graduation is a horrible thing), I thought it may be difficult for us to keep the list up to date. I thought that by creating a local mailing list called elmers@iastate.edu we could add or remove people as need be. There would always be at least one person receiving mail on that list, usually more! Even after I graduate, this list will be maintained allowing ISU hams to easily help others.

Currently we have people with packet experience, some HF experience, much repeater experience, in addition to a considerable background in theory, as many here are electrical engineering or computer engineering students. If a question can not be answered by the readers of the list, there are many other local hams that could be prodded for the info.

Our local ham radio club has been especially interested in helping local disabled hams (or hams to be) get on the air. But anyone local who needed help would find a group at their door ready to work.

Fred O. Maia W5YI

3511297@mcimail.com

The W5YI Group, Inc.
P.O. Box 565101
Dallas, Texas 75356
Tel. +1 817 461-6443

This firm consists of two separate divisions:

EDUCATION DIVISION:

Develops and distributes amateur radio self-training materials, including the Gordon West/WB6NOA line of audio, video, computer software and printed study materials. Credit card orders and information from (toll free): +1 800 669-W5YI (9594). All materials are guaranteed current and shipped within 24 hours with 2-day priority delivery. They offer a special discount for instructors conducting training classes.

W5YI Amateur Radio written license exam and Morse code training products are also available from every Radio Shack nationwide. Color photograghs of the major training products are available at their Express Order or Radio Shack Unlimited desk.

THE W5YI-VEC:

Coordinates the activities of more than one thousand volunteer examining teams world-wide. The locations of test sites near you can be determined by calling +1 817 461-4663 anytime, including evenings and weekends. Any General, Advanced or Extra Class amateur may form their own VE team by calling +1 817 860-3800 during normal business hours.

All examination results are electronically filed with the FCC. Amateur radio licenses and call signs are normally issued within 48 hours of VEC receipt of the examination paperwork. New amateurs may determine their call signs by calling the FCC's toll free consumer assistance line: +1 800 322-1117.

Will Marchant KC6ROL

marchant@netcom.com

I'm one of the SAREX school group technical mentors. A group of about nine of us are assigned by AMSAT/NASA/ARRL to make sure that the schools selected for dedicated contacts on a SAREX flight are prepared. I'd be happy to try handling E-mail from people interested in SAREX.

Barry Martz KI8W

ki8w@grfn.org

Bay Area (California) DX'ers World-Wide Web Home Page:

http://www.netonecom.net/~ki8w/bad1.html

Neal McEwen K5RW

nmcewen@metronet.com

Richardson (Dallas), Texas

Telegraph Key Collectors and Historians World-Wide Web Page:

http://www.metronet.com/~nmcewen/ref.html

Daniel J. Meredith N7MRP

Arizona Network Intertie Group
"Serving Az's Digital Needs Since 1993"

Daniel J. Meredith - N7MRP Voice: +1 602 489-7384
P.O. Box 45378 Fax : +1 602 956-2566
Phoenix, Arizona BBS : +1 602 912-0225
85064-5378

ListOwner: F6fbb-List@phx-az.com & FBB@N7MRP.AZ.USA.NOAM
Arizona Amateur Radio VHF/UHF Digital Coordinator

Ax.25: N7MRP@N7MRP.AZ.USA.NOAM Internet: Sysop@phx-az.com

The F6FBB Support BBS Is Available Via E-Mail & LL Dial-Up +1 602 912-0225.
E-Mail ---> archie@phx-az.com
HELP <-----SUBJECT

The F6FBB Support BBS Is Also Home To The F6FBB ListServ.
Internet ---> Send E-Mail To Sysop@phx-az.com for Subscription Information.

There is Also an Ax.25 F6FBB ListServ.
E-Mail ---> SP LSERV@N7MRP.AZ.USA.NOAM
SUBSCRIBE <----SUBJECT
SUBSCRIBE FBB <----1ST LINE OF MESSAGE TEXT.

Bob Merritt KA4BYP

bobm@mindspring.com

http://www.mindspring.com/~bobm/

PO Box 185
Griffin, GA 30224

Maintainer of Georgia Radio Amateur Packet Enthusiasts Society (GRAPES) WWW
Page

(available via my home page above)

(see also Gary Coffman)

April Moell KA5OPS

emcom4hosp@aol.com

Hospital Disaster Support Communications System (HDSCS) Coordinator

HDSCS World-Wide Web Page:

http://members.aol.com/emcom4hosp/

For over 15 years, the 90-plus members of the ARES/RACES-affiliated Hospital Disaster Support Communications System (HDSCS) of Orange County, California have served over 35 hospitals in nearly 50 emergency situations. At the new HDSCS site on the Web, you can find out how volunteer Amateur Radio operators can be an important backup communications resource for hospitals, if the hams are well organized and trained.

There you will find:
* How HDSCS organizes to support hospitals
* What "dedicated communicators" are and why they are important
* Frequently Asked Questions about hams helping hospitals
* The surprising answer to "How often do hospitals need hams, anyway?"
* Response from hospitals served by HDSCS
* Info given to new HDSCS members
* Recruiting hams for hospital communications
* And lots more...

Joe Moell K0OV

homingin@aol.com

Homing In Column World-Wide Web Page:

http://members.aol.com/homingin/

(Homing In is a column in 73 Magazine featuring information about radio direction finding, hidden transmitter hunting, and jammer tracking.)

This site features:
* Southern California T-hunting, what equipment the winners use
* International-style foxhunts have come to California
* Complete design fixes for the Dick Smith doppler set
* Updates to the Moell/Curlee book (TRANSMITTER HUNTING---Radio Direction Finding Simplified), including board/kit/parts sources and building tips
* Frequently Asked Questions and answers from the Homing In mailbox
* Index and subject list of all Homing In columns in 73 Magazine through September 1996 (over 90 articles)
* And lots more...

The Homing In site is written and maintained by Joe Moell K0OV. It is not affiliated with 73 Magazine, Wayne Green Enterprises, or any other commercial entity.

Joe Moor N2TQL

joemoor@warwick.net

+1 201 209-1133

18 Andrea Drive
Vernon, NJ 07462-9703

* IBM PC
* Internet Services

John Moore NJ7E

John Moore 7525 Clearwater Pkwy, Scottsdale, AZ 85253 USA
ozone@primenet.com Amateur call:NJ7E Civil Air Patrol:Thunderbird 381
Voice: day or eve:+1 602 951-9326 FAX:+1 602 861-7642 (by prior arrangement)

Civil Air Patrol

Co-Host - Ham Radio and More

Ham Radio and More is available for free to any AM station that is willing to run it with national ads intact. If you want there to be a nationwide amateur radio talk show, call your local station and ask them to get the program. They don't have to be part of the Talk America network. They can call KFNN in Phoenix (+1 602 241-1510) or Talk America at +1 508 460-0588.

Effective 4/7/96: WWCR shortwave will air the show LIVE each Sunday at 6:00pm ET, (2200 UTC) on 7.435 MHz AND 12.160 MHz. Also, tape delayed at 5:00am ET (0900 UTC) Mondays on 3.315 MHz and Saturdays at noon ET (1600 UTC) on 12.160 MHz.

Call in and be part of the show. The toll free number is +1 800 293-5366 and outside the country at +1 602 230-2755. Fax at +1 602 241-1540.

See the entry for Cheyenne Greatorex for the Ham Radio and More World-Wide Web Page.

Winston Morgan KC5LIK

wmorgan@vvm.com

+1 817 770-1826

1004 South 26th St.
Temple, TX 76504

* ARES/RACES/Skywarn
* Internet Services (including Mailing Lists)

Rich Moseson NW2L

CQMagazine@aol.com

CQ Magazine Online Coordinator

Please direct any general/editorial feedback to the magazine to the
E-mail address above.

(see also Steve Affens)

John Mouw KD4GIK

mouwj@aol.com

AX.25: KD4GIK@AA4RU.#LEO.FL.USA

Antennas

Kevin Muenzler WB5RUE

wb5rue@amsat.org

126 Hickory Circle
Floresville, TX 78114

* Antennas
* Batteries
* Morse Code
* DX
* HF
* Homebrewing
* IBM PC's
* Novice/Tech Instruction
* Power Supplies
* QRP
* RFI
* Scouting

Terry Muncey WB5OAS

tsm@flash.net

Terry Muncey dba Radio Era Archives:

http://www.flash.net/~tsm/

Schematic information, service information and original replicas of
operation manuals for most ham equipment are available. We have over
100,000 schematics already converted digitally for mailing or faxing
as well as thousands of original operation manuals.

Bob Myers KC0EW

Hewlett-Packard Co.
Ft. Collins, CO

myers@fc.hp.com

Antennas, Novice/Tech instruction, batteries, power supplies, RFI, equip. testing/troubleshooting, FAQs, homebrewing. Basic theory questions also welcome.

My particular interest is in antennas and transmission lines, but I'm also more than willing to answer whatever I can in general radio theory, propagation, analog and digital electronics, etc.. (I'm a display engineer in "real life", have done my share of digital design, and have taught communication electronics at the local community college. I'm also active in some display and television standards activities.)

- N -

Scott Neader KA9FOX

neader@centuryinter.net

Contesters and DX'ers World-Wide Web Page:

http://www.qth.com/ka9fox/

(Featuring recent contest scores, summaries of discussion on most of the contesting and DX-related mailing lists, and more.)

George Neeson VE3BDM, VA3DLR

ve3bdm@mulberry.com

AX.25: VE3BDM@VE3CDY.#EON.ON.CAN

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6 Glen Wood Place, Suite 105
Brockville, Ontario K6V 2T3
Canada
* ARES
* AMTOR/PACTOR/CLOVER
* Antennas
* Morse Code
* HF
* Homebrewing
* NTS
* Packet and Digital Networking

I am an NTS operator running an unattended digital (Express, Winlink equivalent) digital system. I operate a hub station for Eastern Canada Digital operations, including AMTOR, PACTOR, and CLOVER.

Lyndon Nerenberg VE7TCP, VE6BBM

lyndon@ve7tcp.ampr.org

I'm heavily involved in Internet Protocol (IP) networking over packet, as well as system administration of UNIX and UNIX-like operating systems (with an emphasis on networking, E-mail, etc.). My current concentration is on writing UNIX based tools (e.g. software for logging, antenna design, propagation analysis) that can be shared throughout the ham community.

I also maintain the ve7tcp.ampr.org server. This system hosts a variety of ham-radio related mailing lists as well as a comprehensive World-Wide Web site and FTP archive, and was one of the first Internet servers dedicated to ham radio. The system is also a hub site for the ampr.* newsgroups.

Information on the mailing lists offered can be had by sending an e-mail message to:

listserv@ve7tcp.ampr.org

containing (only) the word:

INFO

in the message body. The WWW server is located at the URL:

http://ve7tcp.ampr.org/

and the FTP server resides at:

ftp://ve7tcp.ampr.org/

Direct login access to the system is available to anyone holding a currently valid amateur radio license. The server provides a number of useful tools for the radio amateur, including satellite tracking software, CAD design software, SPICE, and other tools not generally available to people running on Microsoft Windows or Apple based PC's. (It runs 4.4BSD UNIX.) To obtain a login on the server, send a photocopy of your current amateur license, along with a SAE and IRC to:

Lyndon Nerenberg
1804 Juniper Street
Prince George, British Columbia
Canada V2L 1N7

Your login and password information will be mailed to the address listed on your license.

Maintainer of the Internet DX Mailing List

To subscribe, send an E-mail request to:

dx-REQUEST@ve7tcp.ampr.org

with the following line in the message body:

subscribe dx

David Newkirk WJ1Z

webmaster@arrl.org

American Radio Relay League (ARRL) Webmaster

The American Radio Relay League is pleased to announce the startup of ARRLWeb, your League's new HQ-based World-Wide Web site, at the URL

http://www.arrl.org/

ARRLWeb will serve as an essential Internet resource for active hams, carrying ARRL news, details on upcoming hamfests, conventions and Amateur Radio examinations, the ARRL Publications catalog, information of ARRL membership benefits and services, and more.

In inaugurating this new service, the League thanks Scott Ehrlich, WY1Z, and the other Boston Amateur Radio Club volunteers who've worked since December 1994 to keep ARRL up and coming on the Web via the ARRL home page they installed and maintained at oak.oakland.edu. Their volunteerism helped show us that upgrading our Internet connection to a level that allowed on-campus Web service would be essential to ARRL's mission of serving Amateur Radio.

Your comments, criticism and suggestions on how to make ARRLWeb bigger and better are *essential* to its ongoing success, so please drop by and say hello!

Bob Nielsen W6SWE

Bob Nielsen, W6SWE Internet: w6swe@tapr.org
Tucson, AZ AMPRnet: w6swe@w6swe.ampr.org
[44.124.12.16] AX.25: W6SWE@WB7TLS.AZ.USA.NA

Tuscon Amateur Packet Radio (TAPR)

I am no longer a TAPR officer, but try to help out with the TAPR file server and am the "official" contact person on the Internet and CompuServe (71540,2364).

To access the TAPR file server, send E-mail to:

file-request@tapr.org

To get the help file and a list of available files, send the following commands in the body of the message:

help
dir
quit

All mail sent to that address is not read by a human. Conversely, mail sent to tapr@tapr.org is read by a human who will be glad to take your orders or process membership applications, but cannot send you file server files.

- O -

Frank (Paco) Orcutt

radiophi@ix.netcom.com
forcutt944@gnn.com

Voice/FAX/Modem: +1 716 821-9559
Work: +1 716 556-0727

c/o RadioPhile Research
1036 Union Road, #320
West Seneca, NY 14224

* Antennas
* Antique and Older Equipment
* Direction Finding
* DX
* IBM PC
* Internet Services
* RFI

Avid SW/MW DX'er for the last 30+ years

My main area of expertise is low-power (under 1 kW) Latin American Broadcasters, but I keep up-to-date on the current trends and events affecting broadcasters world-wide (i.e., I was recently asked about a station engineer who was working at ELBC in Monrovia, Liberia and was able to pass on information that the engineer was currently working in Gabon.) My other keen interest is Clandestine Broadcasters (not pirates).

Though intentional signal jamming isn't as much of a problem as it was during the "cold war," I co-authored a report titled "THE WOODPECKER PROJECT" which was presented at an ITU convention. I still use those skills now and then to DF CB'ers running illegal power, and your odd "bad-ham."

Dr. Barry L. Ornitz WA4VZQ

Eastman Chemical Company Research Laboratories
Process Instrumentation Research Laboratory
P. O. Box 1972, Building 167B
Kingsport, TN 37662 +1 423 229-4904
INTERNET: ornitz@emn.com

Part 15 Low-Power Broadcasting

Instrumentation

(my profession)

Chemistry advice related to Amateur Radio

(corrosion, plating, PCB etching, disposal of wastes such as transformer oil, solvents and etching solutions, contact cleaners, toxic chemical exposure, chemical safety, paint, dielectric plastics, etc.)

- P -

William D. (Dave) Paperman WQ5Y

wpaperman@juno.com
wpaperman@msmail.his.tch.tmc.edu

P.O. Box 7306
Cut 'n Shoot, TX 77303-0306
(H) +1 713 592-8636 (6pm to 9:30pm Central Time)
(W) +1 713 770-1836 (6:30am to 3:30pm Central Time)
(FAX/Modem) +1 713 593-2688

I have a collection of service information and literature dating back to the 1920's. I will be happy to assist those needing copies of out-of-copyright information for specific makes and models of receivers, transmitters, test equipment, etc..

The collection spans commercial, amateur, and military surplus gear of all types. Unfortunately I have not yet taken the time to catalog all this information (soon), but it is logically filed by make, model, etc.

If you need service information for a specific piece of equipment, (and I have the information in my collection) I will research and copy it for you. Cost will vary depending on the time required to find the information and the amount of pages to be copied. I estimate 10 pages or less at $1.00 US/page including US postage. I will quote on larger manuals. Note that I am not in the business of selling the manuals themselves.

This is NOT my career or a business. Any requests must be prepaid or I will ship COD at additional postage costs.

Other areas of expertise:

* ARES/RACES
* Novice/Tech Instruction
* RFI
* Volunteer Examiner Programs

Antenen Pascal HB9IIB

pantenen@worldcom.ch

Author, Swisslog Ham Radio Log Program

http://www.worldcom.ch/business/swisslog/swisslog.htm

Ian Pawson G8IQU

ipawson@cis.compulink.co.uk

British Amateur Television Club (BATC) World-Wide Web Page:

http://ourworld.compuserve.com/homepages/ipawson/

(Features information about the BATC and Amateur Television (ATV) in Britain in general.)

Bruce Perens AB6YM

perens@hams.com

Maintainer of Linux for Hams CDROM

What Is Linux for Hams?

Linux for Hams is a full-featured Linux system with special additions for Amateur Radio. The system includes all of the sophisticated software that one would expect on one of today's engineering workstations, along with software for packet radio communication, electronic design, printed-circuit manufacture, a database of FCC rules and license exams, a code-practice program, and other Amateur Radio applications.

The general-purpose software includes software for connecting to the Internet, compilers for the C and C++ languages, a full-featured typesetting system, a symbolic mathematics program, CDROM authoring tools, and many other programs. Unlike other Amateur Radio software collections, Linux for Hams is an integrated system. The programs are already compiled and configured to work together with the rest of the system.

Linux for Hams is being built by Bruce Perens AB6YM, with the help of several volunteers. Of course, it builds on the work of the thousands of volunteers who helped create Linux and the other programs it contains.

The system will be available for free if you download it using FTP. A low-cost CD will be available, for about $30 US.

Free CDROM Subscription for Volunteers

Most of the software in Linux for Hams is free software, contributed by its author for anyone to use. I would like to compensate those authors for their work. If you are the author of a significant piece of software included in Linux for Hams, please E-mail to Perens@Rahul.net. You may be be able to get a free CDROM subscription to Linux for Hams.

Bruce Perens AB6YM reserves the right to decide who gets free subscriptions, what is included in a free subscription, and for how long those subscriptions last.

For more information about Linux for Hams, check out the WWW page:

http://www.hams.com/perens/LinuxForHams

or send E-mail with the word "help" to:

info@hams.com

[Editor's Note: This project seems to be delayed as the result of schedule slippages with the Debian version of Linux. For more information about the status of the Debian Linux System, please contact David Engel at david@ods.com.]

Randall (Randy) Phillips N2BQV

rlphillips@gnn.com

http://members.gnn.com/rlphillips/n2bqv.htm

4768 Syracuse Road
Cazenovia, NY 13035

* Licensed since 1967
* Primary interest is Amateur Television (ATV)
* Have repeater site on property with 158-foot tall tower and two repeaters

Member, Quarter Century Wireless Association (QCWA)

(see also Jim Walsh)

Ken Pulfer VE3PU

jkpulfer@rac.ca
jkpulfer@igs.net

Radio Amateurs of Canada (RAC) Treasurer and Webmaster

(RAC is Canada's national amateur radio society.)

RAC World-Wide Web Page:

http://www.rac.ca/

- Q -

- R -

Terrence R. (Terry) Redding WB5LMJ

TRRedd@aol.com

P.O. Box 2868
Palm Beach, FL 33480-2868
(H) +1 407 659-6062
(W) +1 407 835-4446

PhD Candidate in Adult and Higher Education

Educational Advisor, American Radio Relay League

I am primarily an adult educator conducting research in self-directed learning. I have been involved in the following activities:

* Teach licensing classes, since 1974.
* Organize clubs, Stuttgart Amateur Radio Club, Panama Canal Astronomy Club, Lawton Astronomy Club.
* Public speaking and publish on growth in volunteer organizations, marketing adult and higher education and teaching amateur radio courses.
* Research in adult learning theory, adult motivation and organizational theory.
* Conducted a SAREX activity that involve seven communities, 21 schools and 3,000 children.

I am primarily interested in assisting amateur radio clubs grow.

Tony Reeves AB6GA

tony@toners.com

Prescott, AZ

* Novice training, local VE for Novice-Tech tests
* General questions

I also operate a 24-hour landline BBS for Ham and General Interest:

+1 520 445-8472

Ronaldo (Rony) Reis PS7AB

ps7ab@digi.com.br

Natal City, Brazil

Brazil Ham World-Wide Web Page:

http://www.digi.com.br/users/brazil/ps7ab.html

(Featuring a wide variety of information about amateur radio and
shortwave listening in Brazil.)

Peter Reynolds KE4ABD

Peter Reynolds (KE4BAD) E-mail: reynolds@stc.nato.int
Voice: +31 70-314-2410 FAX: +31 70-314-2111
Senior Scientist, Radio Branch, Communications Division
SHAPE Technical Centre, PO Box 174, 2501CD The Hague,
The Netherlands CompuServe: 100276,1340

I am very lucky in that I earn my living in radio communications, so
my expertise is fairly broad (but not focused on amateur techniques
only):

* Modulation types - FSK, PSK, MSK
* Error control - various types of ARQ and FEC systems
* RF - Antennas, HF propagation
* Networking - TCP/IP over HF
* Frequency bands: VLF, LF, HF, VHF, UHF, SHF

This is a very brief synopsis of the areas that I have dealt with over
the years. I always enjoy discussing and researching a communications
problem so if you don't see it listed above drop me a line anyway,
especially if you happen to be in Europe.

Barry Rose K7YYM

barry@indirect.com

Board Member, Arizona Repeater Association

Check out our Web page at:

http://www.indirect.com/www/ara/

Bill Roth N7RYW

n7ryw@teleport.com

AMSAT-NA Life Member #2109

I am the AMSAT coordinator for the Portland, Oregon area and I do a
lot of the "Elmering" in this area as well as steering people toward
others.

This would be for satellites only, as I am not doing HF anymore.

I am currently set up for all of the digital and analog satellites, all modes including AO-13 Mode S and weather sats.

I would be happy to assist people with getting started and beyond in all areas of satellite operations.

Henry Ruh KB9FO

atvq@aol.com

Amateur Television Quarterly (ATVQ) Magazine

The magazine's E-mail address and mine are the same: ATVQ. There is also a ham radio section for "manufacturers and dealers" on America On-Line in which we list Amateur Television Quarterly, as expert and manufacturer. That is where most of the Frequently-Asked Questions (FAQ's) come from.

Most FAQ's are answered in one of two books we published. ATV Secrets for Aspiring ATV'ers is a non technical book, and Volume II is a 300-page technical manual with theory and projects for all equipment necessary to operate an ATV station. Prices in US funds are $9.95 and $24.95 plus postage ($3.10). Most of your inquires can be answered by either of these two books.

I am also compiling a set of W6ORG Notes, a regular column in ATVQ, which answers many of the technical FAQ's on various equipment and operations. This will be available for $9.95 also.

I can try to answer questions on here, and frequently do, but time is expensive and limited!

John Rymell N3PFF

ryme@husky.bloomu.edu
Bloomsburg University
Bloomsburg, PA

Over 25 years in electronic/computer service work. Enjoy designing, building and operating vacuum tube and solid state equipment. Experienced in wire antenna and tuners, SWL, and Amateur Radio. Have real enthusiasm for building just about anything from next to nothing (:^)! Glad to help those in need.

(Continued in next part.)

-----BEGIN PGP SIGNATURE-----
Version: 2.6.2

iQCVAwUBMisopSROYYq72ea1AQEAGAP9FC6Zotkdb2j1dcpj2vGUTgwFFu9Dp5ar
Zg2jIGAsn/dMTP/BUDJKxz4pYaxhulLeezXfbAyS6/1dg5UuWgiEeiibAADfVmmS

```
EDkmMF0Z9yhpwlHp6HTIJOnuwO7Vcmmhhl8XiL4L8rRnhuAfp82uCcg4kf4tes89
KDqaH3q3cGM=
=i6rb
-----END PGP SIGNATURE-----
```

2167. Re: 3.88 MHz sounded like CB tonight. Yuck

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: Dick Flanagan <dick@merlin.libelle.com>
Message-ID: <322B3EC5.749B@merlin.libelle.com>
Source record: 217686

Robert Casey wrote:
>
> In article <50b3a9$67h@reaper.uunet.ca> frenchy@travel-net.com writes:
> >billhar@spaceworks.com (bill harris) wrote:
> >>> Had to check that I had tuned 3.88 MHz
> >>>instead of 27.something it was so bad.
> >>
> Wow! I posted this about a year ago.

Must be all those rotten, undisciplined no-coders! :-P
--
Dick Flanagan, W6OLD - (dick@merlin.libelle.com) - Minden, Nevada

2168. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <50fh0j$58p@jupiter.planet.net>
Source record: 217687

> carl@ais.net writes:

> >
> >who pays for this undertaking. obviously the republican held government is not
> >going to put up the big $$$. they're trying to sell off spectrum, not save it
> >
>
> I'd be happy to pay for the printing and postage costs involved in *my*
> copy ... would you?
>
> Hell, I'd finance a hundred copies at a dollar a piece.

nope....quick happy with the status quo thank you very much and I'd rather save my $100 for doing something that I would find enjoyable

> It'd be worth it to have a shot at getting the FCC to realize that the
> ARRL does NOT represent the majority of US hams ... the ARRL represents
> the ARRL cronies, plain and simple.

I've read this several times from you. Care to back up this statement with ANY conclusive evidence??

> >> This would still not be a perfect mechanism to decide yes or no on the
> >> issue of keep/abandon the CW _testing_ requirement, because it would not
> >> include the views of wannabe hams.
> >
> >this staement contridictes the above
> >

> How so???

first of all, what is awannabe ham, and who decides who or whom they are? And again, who pays for all these ballots??? certainly not me, definitely not the government. Why would a wannabe ham pay a dollar for something he may or may not be interested in???

> >> The point is that it's the FCC's obligation to decide the future of ham
> >> radio, not on the basis of what the ARRL and its "members" want, but
> >> rather on the basis of what best serves the "public interest."
> >
> >again, the FCC could/federal government types could care less. As far as they are
> >concerned, the ARRL represents amateur radio in this country.
> >
>
> My point exactly ... it's high time that that bubble of illusion was
> burst once and for all.

> >
> > My view is that the public interest would best be served by a vital,
> >> growing, technically-progressive amateur radio service, not a bunch of
> >> increasingly senile old-timers whose primary interest is in protecting
> >> "their" bands from newcomers and new modes that they can't comprehend.
> >

Well old timer, what makes you think they can't comprehend? pretty bold statement from someone of your advanced years, don't you think???

just curious, why does this hobby have to satisfy the public interest??? I can't think of too many that do... Stamp collecting, RC cars/plaines/boats, raising dogs/cats/ etc yada yada yada

> >
>
> I have repeatedly stated that I AM a "member" of the ARRL and that I
> have voted whenever they've sent a ballot (which is damned seldom) ...
> for what that's worth (a subscription to QST is all it's worth).

don't forget the outgoing QSL buro!!!!

>
> As far as starting an alternative organization, I'm seriously thinking
> about it ... any (serious) suggestions for a name for it???

How about W5YI, ARRL Brotherhood of International Termination and Elimination of Mandated Emissions

> Carl - wa6vse
> carl@ais.net
>
>
steve
>>>>

2169. Ham Radio.FAQ

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: john@wd1v.mv.com
Message-ID: <john-0209961738070001@wd1v.mv.com>
Source record: 217688

The new Ham Radio.FAQ is on my home page. Please pass the URL
to all students of our great hobby.

73,

John D. Seney |_|_|_|_| john@wd1v.mv.com
144 Pepperidge Dr |_| |_| page 5956779@skymail.com
Manchester, NH 03103-6150 |_|_ _|_| wd1v@wb1dsw.nh.usa.noam
voice mail 603.533.3472 | | | | fax 603.627.1623

www.mv.com/ipusers/wd1v
Digital Scope.FAQ + Application Notes

2170. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <50ffej$p6m@news.Hawaii.Edu>
Source record: 217689
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

<agray@voicenet.com> wrote:
>
>You can try to convince us that the public service aspects of amateur
>radio will keep the service alive but most of us already know better.
>
>If we,as a group, don't spend enough on new equipment and related
>materials to keep the ham manufacturers alive and well, the amateur
>service will die off quickly. That's a big part of the problem we're
>seeing right now. A growing number of amateur manufacturers are in
>financial trouble; more and more amateur dealers are gone or on the way
>out of business- all symptoms of the current poor health of amateur
>radio.

I usually start by saying "Hi ____" but you didn't provide a name nor
call...

Your opinion is amusing. You're actually admitting you don't have the
ability to build your own radio, or even assemble one from a kit. But
three of the five subparagraphs in Section 97.1 (Basis and Purpose of
of the ARS) advise otherwise. Rather than continuing to post, why not
spend some time in the ARRL Handbook or some other text so as to satisfy
our basis and purpose?

Jeff KH2PZ

P.S. Public service will surely help us to keep our spectrum; just ask
the governments of Hawaii, Texas, Florida (the hurricane states), or the
mid-Western states which lie in the tornado belts and flood-prone regions
about the value of the ARS. And we stand to gain more MF/HF spectrum in the
near future.

2171. Re: Rules of Flea Markets

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: ptracy@aol.com
Message-ID: <50ffpc$2eo@newsbf02.news.aol.com>
Source record: 217690

In article <32256DEB.248B@ccsnet.com>, Burt Fisher <k1oik@ccsnet.com>
writes:

>It came from an estate sale.
> If you have any problem take it up with the owner.
>
>I had it on the air just last night.
> And you thought the woodpecker was gone.
>
>It worked last time I used it.
> if it still worked I'd still be using it.

<< SNIP>>

"It JUST came back from factory service"

= This is the last time I'm getting this peice of crap fixed, it's
possibly working now, good luck.

2172. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: agray@voicenet.com
Message-ID: <322B4450.53FB@voicenet.com>
Source record: 217691
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

carl@ais.net wrote:
>
> In <322ADF2D.79EB@pop.erols.com>, Steve Ickes <thebizlk@pop.erols.com> writes:
> >
> >Amateur radio will have now more clout with five million, mostly
> >incompotent licensees than it has w/current numbers. The answer is not
> >more but better.
> >
>
> Again the ever-present assumption and assertion, with not a shred of
> factual basis, that "If you don't do CW, you're incompetent."
>
> At least I can spell "incompetent" ... and I believe you meant "...
> no more clout ..." not "... now more clout ..."
>
> Gee ... come to think of it, it looks like I can type better, too ...
> how does one explain that? Is it the result of passing a 5wpm CW test
> in 1975??? I think not!
>
> Carl - wa6vse
> carl@ais.net

No, just the product of a good spell checker and lots of spare time (you know, not wasting time actually being on the air <grin>

2173. BC 350A

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: Tom Sledge <SKY444@worldnet.att.net>
Message-ID: <322B7106.74B4@worldnet.att.net>
Source record: 217692

NEW IN THE BOX BC 350A BEST OFFER

2174. Re: Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <50fn1n$13d@news.Hawaii.Edu>
Source record: 217693
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <50fbg5$nrs@news.ais.net>, <carl@ais.net> wrote:
>and CW testing
>CW-test
>CW-forever-establishment
>those with-code hams
>code-free license,

Would you folks please delete .misc from the header of your followups
so as to continue this debate on .policy? It's off-topic for .misc.
KH2PZ

2175. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <50fjnp$2s8@anomaly.ideamation.com>
Source record: 217694
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <322B01D8.55E6@pacifier.com>,
John Nelson <johnn@pacifier.com> wrote:

>> For one thing, one
>> doesn't have to take a "theory test" to get a commercial license for,
>> say, the 150mhz public safety band. I didn't have to take a theory
>
>Right, because type accepted equipment for that band is channelized. Hardware
>modification must be done by licensed technicians.

Wait a minute. Just a month ago people claimed that commericial amateur
gear is in fact "channelized", often in 5kc steps. Furthermore, they
have limited power output, usually a switch for "low" and "high" power.
Granted they are not "type accepted", but they do operate within
published tolerances. The vast majority of amateurs do not perform
maintenance on their radios, they ship them back to the manufacturer
for service.

So, in reality, there is no need for a theory examination.

MD
--
--
-- "I have more guns than I need, and less guns than I want." -- Phil Graam
--
-- If you don't like my opinions, that's just too damn bad.

2176. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <50fnpc$327@anomaly.ideamation.com>
Source record: 217695
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <50faku$nrs@news.ais.net>, <carl@ais.net> wrote:

>>Amateur radio will have now more clout with five million, mostly
>>incompotent licensees than it has w/current numbers. The answer is not
>>more but better.
>>
>
>Again the ever-present assumption and assertion, with not a shred of
>factual basis, that "If you don't do CW, you're incompetent."

You must be fun at a party with your mind-reading parlor tricks. I
must have missed the letters "CW" anywhere in Steve's statement.

>At least I can spell "incompetent" ... and I believe you meant "...
>no more clout ..." not "... now more clout ..."

Yes, but you can't spell ridiculous. The second letter is not 'e', it
is an 'i'.

MD
--
--
-- "I have more guns than I need, and less guns than I want." -- Phil Graam
--
-- If you don't like my opinions, that's just too damn bad.

2177. Re: JARTS Contest

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: janalme@oslonett.no
Message-ID: <n10KycxHfTxM083yn@oslonett.no>
Source record: 217696
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc

In article <322ACB3E.27CE@pactor.com>, Phil Sussman <pactor@pactor.com> wrote:
>Greetings,
>
>I have lost track of information on the JARTS RTTY Contest.
>Can anyone provide some email information to me about it??
>
>73 ES TNX
>de Phil - KB8LUJ

Take a look at: http://home.sn.no/~janalme/RTTY.html

73 de
Jan / LA9HW

2178. Code Vs No-Code. End The Cry!!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: AC6V <AC6V@ix.netcom.com>
Message-ID: <322B654E.1D83@ix.netcom.com>
Source record: 217697

My Gawd, all the rhetoric
The endless string of words
That brings out the no-coders
And the extras in herds
CW vs NO-CW is the endless cry!

Like a broken record
Or so it would seem
Like a hellish nightmare
Or a bad mealï¿½s dream
CW vs NO-CW
Lord spare me this endless cry!

Its a challenge -say some
Its ancient -proclaim others
And so the thread hums
Between us Ham Brothers
CW vs NO-CW is the tireless cry!

Words words words
Over and Over
Its enough to drive
A drunken man sober
CW vs NO-CW is the ad nauseum cry!

Rationalize, prove
and otherwise convince
All these dumb arguments
would make a crooked judge wince
CW vs NO-CW-Oh not again!

It turns some- just downright mean
Like a Junk-Yard Dog
They holler and scream
Lid, Swine, filthy SSB Hog
Or You Olde Fahrtz with a rotting log!!

But Pro or Con
This truth can be found
For that treasured upgrade
To this you are bound
As of this moment
All that is around
Is CW -- the only game
In the whole damn town
CW vs No-CW -- End the cry!!!!

73 From AC6V
--
Hark for I have hurled my words to the far reaches of the earth!
What King of old could do thus??
..... AC6V

2179. Re: Morse training programs?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: john@wd1v.mv.com
Message-ID: <john-0209961734220001@wd1v.mv.com>
Source record: 217698

In article <50dmtr$9jv@lex.zippo.com>, mista.moron@mail.link.no wrote:

> I'm considering to get a ham licence, and since this here in
> No-way means that I have to learn morse, I was wondering if
> there is any morse training programs for DOS/Windows 3.1
> available, preferably PD/shareware.
> I also wonder if there is possible to get some kind of
> automatic morse decoding programs, so I could connect the
> receiver (and maybe also a transmitter) to the computer (ie.
> via the soundcard or a simple home-made interface) so I
> could receive (and maybe also xmit) morse as text on the
> screen.
>
> Mista Moron
> mista.moron@mail.link.no

Check out the latest Ham Radio.FAQ on my home page.

73,

John D. Seney |_|_|_|_| john@wd1v.mv.com
144 Pepperidge Dr |_| |_| page 5956779@skymail.com
Manchester, NH 03103-6150 |_|_ _|_| wd1v@wb1dsw.nh.usa.noam
voice mail 603.533.3472 | | | | fax 603.627.1623

www.mv.com/ipusers/wd1v
Digital Scope.FAQ + Application Notes

2180. Re: Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <50fos2$344@anomaly.ideamation.com>
Source record: 217699

In article <50fbg5$nrs@news.ais.net>, <carl@ais.net> wrote:

>>How will sticking a bunch of people on HF save our VHF frequencies?
>>Seems you'd want them on VHF.
>
>Point is, the removal of the code requirement will bring in larger
>numbers of otherwise qualified new hams ... both to the HF and VHF/UHF
>bands.

If one wants to be on VHF now, there is no code test.

The "used-car salesmen" of the VHF no-code license used the "we need lots of people on VHF to save our bands" argument. The amateur population bought it, fearful of another 220mhz debacule. Where are hordes of new hams?

As the saying goes: "Fool me once, shame on you. Fool me twice, shame on me."

I'm not buying another pig in the poke.

>You have to be smart enough to realize that most people think of
>comunicating with people in distant places when they think of ham radio.

I think most people think "passe" when they think of amateur radio.

>That means HF (OK, satellite, too ... but most beginners know about HF
>and don't yet realize that we've got satellites, too.)

So we should coddle them because of their ignorance rather than educating them, is that it?

>People stay away because they don't like the requirement and the
>restrictions on their operating abilities that it imposes.

With the current licensing structure, anyone who "stays away" because of a teenie little test that restricts them to a mere 4mhz of spectrum probably isn't really interested in the amateur radio service anyway.

>Nobody wants/likes to be classified as a "second class citizen."

What makes you think the hundreds of thousands of already-licensed hams are going to accept all these "new hams" with a codeless HF license? If you think the comments like "no-clue tech" are widespread now, why would they go away with codeless HF operators?

>Not enough numbers yet

When will you people realize... Numbers isn't the answer.
Quality. Quality is the answer.

The average person in the United States is a moron who sits in front of the television 4 hours a day. They can't tell you what the name of the Vice President is.

If you think these bozos are going to "save" the hobby, you're dead wrong.

>... and CW testing does not assure quality of use
>.. look at all the passed-the-CW-test lids on 14.3xx, for example.

No testing mechanism is perfect.

[more supposition/doomsaying deleted]

>I've responded IN KIND to the slurs and inuendo you and your compadres
>hurl at the "no-coders" and those with-code hams like myself who avocate
>the abandomnent of code testing.

Please quote one sentence, with the proper context, where I've insulted you.

I certainly have called into question your reading comprehension and personal integrity when you go around deliberately misquoting and fundlementally misrepresenting what I've stated, because I do not know if you're doing by accident (which the first would explain) or on purpose (which the second would explain).

>If you can't stand the heat, stay out of the kitchen.

I do. I let my wife do all the cooking.

>>Drew lives in Florida. What would you expect listening to local HF talk
>>when you live in the state with the highest per-capita of the elderly?
>
>Oh, come on! You can do better than that ... you don't seriously expect
>that anyone listening here will buy the argument that Drew only hears
>old fogies because he lives in Florida? HF doesn't cross state
>boundaries, huh???

Oh yes. Propagation has been just so wonderful lately.

MD
--
--
-- "I have more guns than I need, and less guns than I want." -- Phil Graam
--
-- If you don't like my opinions, that's just too damn bad.

2181. IPS Daily Report - 02 September 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <50fpqh$lo2@flare.syd.ips.oz.au>
Source record: 217700
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 02/2330Z SEPTEMBER 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE AUSTRALIAN SPACE FORECAST CENTRE
SUMMARY FOR 02 SEPTEMBER AND FORECAST FOR 03 SEPTEMBER - 05 SEPTEMBER

1A. SOLAR SUMMARY
Activity: very low

Flares: None

Observed 10.7 cm flux/Equivalent Sunspot Number : 72/7

GOES satellite data for 01 Sep
Daily Proton Fluence >1 MeV: 4.2E+05
Daily Proton Fluence >10 MeV: 1.7E+04
Daily Electron Fluence >2 MeV: 7.0E+08 (high)
X-ray background: A8.5
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
03 Sep 04 Sep 05 Sep
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 03 Sep: 72/7

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Quiet to unsettled

Estimated Indices : A K Observed A Index 01 Sep
Learmonth 10 2322 3322
Fredericksburg 05 06
Planetary 05 05

Observed Kp for 01 Sep: 2113 1111

2B. MAGNETIC FORECAST
Date Ap Conditions
03 Sep 5 Quiet
04 Sep 5 Quiet
05 Sep 8 Quiet to unsettled

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band

Date Low Middle High
02 Sep Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
03 Sep Normal Normal Normal
04 Sep Normal Normal Normal
05 Sep Normal Normal Fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
02 Sep 15

Observed Australian Regional MUFs:
Darwin: depressed 30% 04-05UT, near predicted monthly values
at other times.
Townsville: near predicted monthly values, spread F local
night.
Sydney: enhanced 15%
Hobart: near predicted monthly values, spread F local night.

Predicted Monthly T index for September: 9

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
03 Sep 10 near predicted monthly values
04 Sep 10 near predicted monthly values
05 Sep 10 near predicted monthly values

--
IPS Radio and Space Services | email: asfc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/asfc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
tel: +61 2 94148300 | fax: +61 2 94148331

2182. Re: 3.88 MHz sounded like CB tonight. Yuck

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: carl@ais.net
Message-ID: <50frda$4kq@news.ais.net>
Source record: 217701

In <322B3EC5.749B@merlin.libelle.com>, Dick Flanagan <dick@merlin.libelle.com> writes:
>Robert Casey wrote:
>>
>> In article <50b3a9$67h@reaper.uunet.ca> frenchy@travel-net.com writes:
>> >billhar@spaceworks.com (bill harris) wrote:
>> >>> Had to check that I had tuned 3.88 MHz
>> >>>instead of 27.something it was so bad.
>> >>
>> Wow! I posted this about a year ago.
>
>Must be all those rotten, undisciplined no-coders! :-P
>--
>Dick Flanagan, W6OLD - (dick@merlin.libelle.com) - Minden, Nevada

Dick,

Always nice to see a 1x3 w6 with a sense of humor relating to the code
debate.

73,
Carl - wa6vse
carl@ais.net

2183. Re: ARRL "Representation"

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: carl@ais.net
Message-ID: <50frjm$4kq@news.ais.net>
Source record: 217702

In <50fa4o$4mh@jupiter.planet.net>, adell@planet.net (Steve - KF2TI) Landing, NJ writes:
>> roland.stiner@hobbs.com (ROLAND STINER) writes:
>>
>> I am one of those. I joined for two reasons: QST and the outgoing QSL
>> buro-period.
>
>the alternatives are many. (1) buy your QST from the local electronics store or book store
>(2) use one of the several alternate outgoing buros that exist
>
>simple solutions to simple problems for simple people
>
>steve

Steve,

Roland's reply didn't merit the "simple people" remark. He simply
confirmed that he, too, only "joined" the ARRL for QST and the QSL
bureau service ... not with any expectation that his views would be
"represented" to the FCC.

So it's "a no-no" to politely say you're not satisfied with the ARRL?

Carl - wa6vse
carl@ais.net

2184. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: agray@voicenet.com
Message-ID: <322B9503.7930@voicenet.com>
Source record: 217703
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

carl@ais.net wrote:
>
> In <322AF7C3.607D@voicenet.com>, agray@voicenet.com writes:
> >
> >You can try to convince us that the public service aspects of amateur
> >radio will keep the service alive but most of us already know better.
> >
> >If we, as a group, don't spend enough on new equipment and related
> >materials to keep the ham manufacturers alive and well, the amateur
> >service will die off quickly. That's a big part of the problem we're
> >seeing right now. A growing number of amateur manufacturers are in
> >financial trouble; more and more amateur dealers are gone or on the way
> >out of business- all symptoms of the current poor health of amateur
> >radio.
>
> WHAT????????????? Are you TOTALLY nuts????
>
> Since when did:
>
> (Amateur Radio) = (Icom .or. Yaesu .or. Kenwood .or. (whoever)) ????
>
> Amateur radio has NOTHING to do with any of those companies or their
> survival ... they could all go belly-up tonight at midnight and amateur
> radio would survive (not that their respective egos would accept that
> premise ... I'm sure they all think they're the "be-all and end-all" of
> ham radio an we couldn't survive without their blessings being bestowed
> upon us.
>
> You apparently never built anything, right? It would do you a world of
> good to learn how (as it would to most of the brass-pounding appliance
> operators out there ...)
>
> Carl - wa6vse
> carl@ais.net

Wrong again Carl. I'm quite sane. A good deal of my gear is home brew
and I've been building a large portion of my gear for most of my 36+
years as an amateur. But that's aside the point. I was just pointing
out that the vast majority of hams today can't or won't do any
significant building. This means that without the manufacturers there
will be no ham gear for anyone to operate in the futures- that is,
unless you see a radical change in the ham population when it comes to
building the ever more complex gear your so fond of? Oh, I forgot- the

ham radio you envision for our future will be composed only of graduate
E.E.'s ? Some egalitarian you are...

2185. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: agray@voicenet.com
Message-ID: <322B9573.5FA2@voicenet.com>
Source record: 217704
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

carl@ais.net wrote:
>
> In <322B4450.53FB@voicenet.com>, agray@voicenet.com writes:
>
> >No, just the product of a good spell checker and lots of spare time (you
> >know, not wasting time actually being on the air <grin>
>
> Actually, though I have a spell checker, I only use it when I'm writing
> a formal document in the word processor application ... not when I'm
> banging out posts or e-mail in the newsreader or mailer ... both of
> which use the EPM editor as their default editor, because I've to a PGP
> shell patched into EPM.
> (so, to be honest, I screw up a word or make a typo from time to time,
> too in this mode)
>
> Carl - wa6vse
> carl@ais.net

Now if we could only find a gadget that could help you overcome your
code handicap...er challenge :)

2186. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: jbaltz@news.cs.columbia.edu
Message-ID: <50g4bi$pmd@play.cs.columbia.edu>
Source record: 217705
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <50ev5i$a5s@news1.ucsd.edu>,
Brian Kantor <brian@nothing.ucsd.edu> wrote:
>I have not read any equipment reviews of any of the '9600 ready' radios
>in QST or elsewhere. Have any of those reviews mentioned T/R delays

You must have missed the 5/95 QST, page 24. "`9600-Ready' Radios: Ready or
Not?", and the review in the same issue of the Azden PCS-9600D.

> - Brian

//jbaltz
--
jerry b. altzman Entropy just isn't what it used to be +1 212 650 5617
jbaltz@cs.columbia.edu jbaltz@scisun.sci.ccny.cuny.edu KE3ML

2187. Changes to rec.radio.* heirarchy?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: lee@tosspot.sv.com
Message-ID: <887f33d4f52newsy@tosspot.sv.com>
Source record: 217706

Just a suggestion.....

Things have been getting worse and worse across the groups with spammers, hate wars and that kind of thing. (Once my mail's filtered, I usually find anywhere between 40 to 65% of any rec.radio.* group's traffic has gone into the round file)

Anyone else out there interested in -

A) Changing the herirarchy to a moderated one with clear rules of conduct

B) Maybe joining the growing movement to forbid cross-posting, period.

C) Adding a few (unmoderated as exception) groups to take make sure that those who need a forum still have one? I have in mind something like -

rec.radio.policy.cw

rec.radio.flame

- so that those of us who want to argue code versus no code and those who want to fight have somewhere to do it.

I'd like to see this happen, I'm even willing to put some of my limited recreation time into it (unless there's someone out there with a LOT of time on his hands?) - anyone else have suggestions or ideas? Post to the group but please, followup with direct email to me, also. If there are enough of us, perhaps we can get a CFV started.

Thanks.

Lee <lee@tosspot.sv.com>

2188. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <50g7fg$if@anomaly.ideamation.com>
Source record: 217707
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <50fvh1$4kq@news.ais.net>, <carl@ais.net> wrote:

>Give me a break ... you know damned well that we're talking about the
>CW haves vs. want-nots here. Of course he was implying (as do most
>pro-coders) that "If you don't do/love CW, you're not a 'real' ham,
>you're incompetent, etc."

That's the way *you* interpret it. I happen to interpret what he is
saying as "when you lower the testing standards, you get a lower
quality of people entering the service". I believe that there is
a basis for that statement (maybe or maybe not specifically as related
to ham radio, but certainly to society as a whole.)

MD
--
--
-- "I have more guns than I need, and less guns than I want." -- Phil Graam
--
-- If you don't like my opinions, that's just too damn bad.

2189. Re: Need form 610

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: AC6V <AC6V@ix.netcom.com>
Message-ID: <322BA89D.75D3@ix.netcom.com>
Source record: 217708

Scott Ray wrote:
>
> I've been out of ham radio for several years raising my family and have moved
> several times. I need to update my station address with the FCC.
>
> Can someone help me find the proper paperwork (it used to be form 610 I think)
> to submit to the FCC with my updated info?
>
> There are no ham stores within 90 miles of here.
>
> Thank you,
> Scott Ray
> WC7A
> Yakima, WA

Hi Scott,
You can download them from the ARRL/FCC page at URL:
http://www.arrl.org/fcc/#forms

Last time I did this for a friend -- it was tricky. Had to size the form
to fit my MS Word page -- takes a while. But its there if you want to
fight with it.

73
Rod

--
Hark for I have hurled my words to the far reaches of the earth!
What King of old could do thus??
..... AC6V

2190. New Ham Radio Home Page

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: marty@trucom.com
Message-ID: <50fnpd$i6h@thepit.trucom.com>
Source record: 217709
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc

Hello, Folks:

I have just put a Ham Radio Home Page. It is still very much under
construction so suggestions are more than welcome.

Note that this page will focus mostly on Packet and other digital
modes.

Just go to:

http://www.trucom.com/ppages/marty

and have a look around!

Take Care & 73

Marty Albert - marty@trucom.com
Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM

Heartland Internet Services

****
Cheap Long Distance! Just 12.9 cents per minute!
http://freedomstarr.com/?AL7837318
****

2191. Re: Away a while... got a packet question.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: marty@trucom.com
Message-ID: <50fofp$i9i@thepit.trucom.com>
Source record: 217710

"Ryan Tourge" <ryguy@netheaven.com> wrote:

>I have not been radioactive for awhile, and was wondering what baud rates
>are packet TNC's using now?

>--
> Ryan Tourge, N2YQT
>Firefighter - Certified EMS First Responder
> Certified Haz-Mat First Responder
> Chestertown, NY
> ryguy@netheaven.com
> http://www.netheaven.com/~ryguy/

Hi, Ryan:

Believe it or not, the VAST majority of users are still at 1200 bps.
There are many LANs and WANs at 9600 bps and a (very) few LANs running
at 56Kbps.

Sad, huh?

Take Care & 73

Marty Albert - marty@trucom.com
Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM

Heartland Internet Services

****
Cheap Long Distance! Just 12.9 cents per minute!
http://freedomstarr.com/?AL7837318
****

2192. Re: Radio Shack Duobander?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: docjim@getnet.com
Message-ID: <50dgfk$ico@news.getnet.com>
Source record: 217711

Yes, people at their stores are saying it. Heard it from several
different stores. It will be a handy talky version similar to the (2
meter only) HTX-202 model they sell now. They have an internet home
page at: http://www.tandy.com

Best Jim Gyer KC7RKL (docjim@getnet.com)
==========

Terrill <n6eed@mail.vividnet.com> wrote:

>I heard another ham on a repeater today saying Radio Shack is coming out
>with a 2m/220 duobander. Any info on that? Yeah or Nay?

>terry/n6eed

2193. Re: HELP: IS PC SWITCHING POWER SUPPLY OK???

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: docjim@getnet.com
Message-ID: <50dhf1$iqk@news.getnet.com>
Source record: 217712
Cross-posted to: rec.radio.amateur,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

No problem with switchers per se, but pirateing a computer supply is
not without its problems.

All switchers require a minimum load. In many computer supplies its
the fan. Some assume some minimum load on the mother board. They go
out of regulation or stop oscillating and smoke with less than the
minimum current draw.

My ICOM IC740 has the optional built-in 13.8 volt supply and it works
fine but it was designed for communications.

There is a big difference between 12 volts and 13.8 volts. In the
case of my Radio Shack HTX-202 2 meter handy-talky it's 6 Watts at
13.8 and 5 W at 12.0. That's a 20% drop in power. Most mobile
equipment assumes a vehicle with a running alternator which is where
the 13.8 value comes from.

Best
Jim Gyer KC7RKL (docjim@getnet.com)
==========

bry1@erols.com (Bry) wrote:

>The other bad problem with many of those old switcher power supplies is
>that they generate a lot of RF hash!

>ehoffman@total.net (Big Boy) scribbled:

>|I have a old crap 8088 'tole box' as you can say! With the power supply.
>It's
>|rated 7Amp at 12 Volts but i'm wandering if i can use it to supply my mobile
>|(used as a base) 13.8V tranceiver unit. I dont know much of switching power
>|supply technology and i want to know if it's safe. The problem may be when i
>|switch from RX to TX and from TX to RX... could there be a fatal burst of
>|voltage? Or peraps with a big cap, like 22 000uF, at the exit i can control
>|those peek?

>|Unfortunately, i dont have an scope to make charge test.

>|E-mail me on that please...

>|Thanks and 73 to all readers

>|---------------------------------------
>|"640K will be ok for everyone..."

```
>|Bill Gates '82
>|---------------------------------------
```

2194. Re: keyer with single chip micro?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: docjim@getnet.com
Message-ID: <50dill$jfv@news.getnet.com>
Source record: 217713

My ICOM IC-740 uses the optional IC-EX243 keyer board. It has one 16 pin chip (25C945), 11 resistors, 1 pot, 5 caps, 2 diodes, and 1 transistor. Its maybe two square inches in area. Some of the pots are on the main chassis. Project seems likely.

Good luck
Jim Gyer KC7RKL (docjim@getnet.com)
==========

emarch@eagle.ais.net (Edward J. March Jr.) wrote:

> I thought about building a simple Morse Code keyer with
> the PIC (Parallax & Micrchip) 16C71 series
> has there been any recent articles on this ?? in the ham mags??
> two POTS - Speed & Pitch into the A/D Inputs
> 3 TTL Inputs -- Dash Paddle, Dot Paddle, & Straight Key
> two outputs - Key rig - Open collector and speaker driver.

> perhaps another push button input for record to use the
> memory as a CW buffer to memorize call signs ...

> the chips are about $7 each and two pots and a switch and
> paddles and a xtal is the cheapest most band for the buck
> keyer i know...

>
> Any feed back - email me too !! thanks -- Wb9raa Ed March

>

>--
> Best Regards,
> Ed

>//----------
>// Edward March Jr. ** Mt. Prospect, IL **>http://www.cl.ais.net/emarch
>//
>// Author of 'Professor Owl' the OS/2 C++ code generator.
>// ***> http://www.wilmington.net/bmtmicro/catalog/prof_owl.html
>//
>// IBM BestTeam OS/2 Member, Linux user, Ham call WB9RAA
>//----------

2195. Re: LCD display

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: docjim@getnet.com
Message-ID: <50djku$k53@news.getnet.com>
Source record: 217714

All liquid crystal displays get hard to read as you get off of straight on. Newer ones are better. It's the optics of the thing. You are dealing with the light going through two polarizing filters and they just don't work off axis.

Want to play a game? Look at a display such as your wrist watch while wearing polarized sunglasses (the only kind in my book). It's black. Now turn your watch 90 degrees. It's fine. The glasses are polarized the way they are to cut out road glare. Since glasses and watches are not a real rare combination, why don't the watch makers rotate their polarizers to work with sunglasses? Ain't life simple?

Only hope I can give is to try tilting your display a bit if you can. You probably have a greater angle from horizontal when you look to the overhead position than when you look to the underdash position. If you can arrange the plane of the display to be perpendicular to your line of sight it should be good.

Best
Jim Gyer KC7RKL (docjim@getnet.com)
==========

Torpor@fnal.gov (Lester Wahl) wrote:

> I have a Uniden scanner with an LCD display. If the unit is
>mounted under the dashboard, the display can be read easily.
>But if the scanner is mounted overhead (as in my van), the
>display is impossible to read. The LCD digits seem to fade out
>when the radio is above the observer. (I'm making an assumption
>that the manufacturer intended under-the-dash mounting.)
> Is there an easy fix for this?

2196. Re: Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: docjim@getnet.com
Message-ID: <50dkrb$l0m@news.getnet.com>
Source record: 217715

Drew

Sounds like you're having trouble mastering code so you can move to the HF bands. I am too. Until I do, I'm stuck on 2 meters. But unlike you I came to understand an old cleche a long time ago. Those who do not know history are doomed to repeat it. I want to know about the past. I like OLDE FAHRTZ. I learn from them. Someday I hope to be one - considering the alternative. We have a *smart net* on two meters here in Phoenix. It's open to anyone but mostly its a bunch of retired engineers telling each other about things they worked on. And guess what -- it's interesting as h... What have you accomplished lately?

Remember the folks you hear are old friends and frankly, I wouldn't consider someone much of a friend if I couldn't share my problems as well as my success with them. If you don't like what you hear, just tune down the dial a little to a blank frequency and have your own conversation.

What gives you the gaul to think that the world has to subscribe to your interests and do things your way. It takes all kind to make a world work.

Thanks for reading me out
Jim Gyer KC7RKL (docjim@getnet.com)
==========

VUBS79A@prodigy.com (Drew Durigan) wrote:

>Who do I hear on HF?

>1) OLDE FAHRTZ spending endless hours complaining about their health
>problems.

>2) OLDE FAHRTZ spending endless hours talking about what type of spark-
>gap transmitter they used to use prior to World War II.

>3) OLDE FAHRTZ spending endless hours bellyaching about the no-coders on
>the VHF/UHF bands and how "we need to make sure 'they' don't get access
>to 'our' bands down here."

>4) OLDE FAHRTZ spending endless hours arguing with each other, causing
>malicious interference to each other, and using language that makes CB
>look like a Sunday School picnic. Is it CB Channel 19? Why no, it's the
>75-meter ham band!

>Is it any wonder that the bands are under attack by commercial interests?

>-Drew in Sunny Central Florida-
> KF4DDM

2197. Net on 14.345 @ ~2130Z?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: "A.G..von.Luternow%1": 2619/211.9;
Message-ID: <f7c_9609062046@woodybbs.com>
Source record: 217716

```
To: A.G. von Luternow%1:2619/211.9%12:320/100.666
From: n4jvp@ix.netcom.com (A.G. von Luternow)
Subject: Net on 14.345 @ ~2130Z?
Organization: -

I am curious, is there a net that meets on 14345 kHz around
2130Z? If you wish to know why I am curious please respond via
E-mail.

tks es 73 de n4jvp
Fritz

# Origin: Usenet:- (1:2619/211.9)

# Origin: Gateway ARNet <-> HamNet by HB9EBW (12:320/100.666)
--
|Fidonet: A.G. von Luternow%1:2619/211.9 2:301/249.666
|Internet: A.G..von.Luternow%1:2619/211.9
|
| Standard disclaimer: The views of this user are strictly his own.
```

2198. Re: Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: carl@ais.net%1
Message-ID: <f7d_9609062046@woodybbs.com>
Source record: 217717

To: carl@ais.net%1:2619/211.9%12:320/100.666
From: carl@ais.net
Subject: Re: Who Do You Hear on HF?
Organization: American Information Systems, Inc.

In <BPDyaLb.armond@delphi.com>, armond@delphi.com writes:
>
>Are you speaking of the olde fahrtz who went ashore at Normandy, Guadalcanal,
>Iwo Jima, or saw 20,000 of their friends die in B-17s over Germany, so you
could
>live in freedom? Or are you speaking of the olde fahrtz who were drafted and
>spent their winters in Korea?

Armond,

Give it a rest ... you know damned well that the "olde fartz" title is
actually "CW olde fartz" and is only bestowed on people who can't bear
the thought of a day without brass-pounding.

(Again, I don't know him, but) I'll bet that Drew holds the proper
amount of respect for the deeds of the soldiers you refer to above.

Nobody is trying to demean the memory of our veterans ... that's a
pretty long stretch, even for you.

However, even though we respect our veterans for their heroic deeds in
defending their country, we still retain the right to disagree with
their views on the code test issue and criticize them for their
shortsightedness and narrowmindedness ON THIS ISSUE.

Don't get so carried away with carrying the banner for CW that you begin
to equate it with "Old Glory" for God's sake. The phrase is "Life,
Liberty, and the pursuit of happiness." I don't recall "unless you
don't operate CW" in there anywhere ...

carl - wa6vse
carl@ais.net

Origin: Usenet:American Information Systems, Inc. (1:2619/211.9)

Origin: Gateway ARNet <-> HamNet by HB9EBW (12:320/100.666)
--
|Fidonet: carl@ais.net%1:2619/211.9 2:301/249.666
|Internet: carl@ais.net%1:2619/211.9
|
| Standard disclaimer: The views of this user are strictly his own.

2199. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: carl@ais.net%1
Message-ID: <f7e_9609062046@woodybbs.com>
Source record: 217718

To: carl@ais.net%1:2619/211.9%12:320/100.666
From: carl@ais.net
Subject: Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!
Organization: American Information Systems, Inc.

In <322B9573.5FA2@voicenet.com>, agray@voicenet.com writes:
>
>Now if we could only find a gadget that could help you overcome your
>code handicap...er challenge :)

Why, after I've said it about eighty times, can't you folks get it
through your heads: I KNOW THE CODE, I PASSED A CW TEST!!!

Carl - wa6vse
carl@ais.net

Origin: Usenet:American Information Systems, Inc. (1:2619/211.9)

Origin: Gateway ARNet <-> HamNet by HB9EBW (12:320/100.666)
--
|Fidonet: carl@ais.net%1:2619/211.9 2:301/249.666
|Internet: carl@ais.net%1:2619/211.9
|
| Standard disclaimer: The views of this user are strictly his own.

2200. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: carl@ais.net%1
Message-ID: <f83_9609062046@woodybbs.com>
Source record: 217719

To: carl@ais.net%1:2619/211.9%12:320/100.666
From: carl@ais.net
Subject: Re: ARRL "Representation" on code and other issues
Organization: American Information Systems, Inc.

In <50fh0j$58p@jupiter.planet.net>, adell@planet.net (Steve - KF2TI)
Landing, NJ writes:
>> carl@ais.net writes:
>>
>> I'd be happy to pay for the printing and postage costs involved in *my*
>> copy ... would you?
>>
>> Hell, I'd finance a hundred copies at a dollar a piece.
>
>nope....quick happy with the status quo thank you very much and I'd rather
save my $100 for
>doing something that I would find enjoyable
>
I think you meant "quite" happy not "quick" happy ...
So you're not willing to "put your money where your mouth is" and help
finance a more meaningful survey??? I suspect you're probably convinced
you'd not like the outcome. (i.e., the fall of the status quo that you
apparently love so much.

>> It'd be worth it to have a shot at getting the FCC to realize that the
>> ARRL does NOT represent the majority of US hams ... the ARRL represents
>> the ARRL cronies, plain and simple.
>
>I've read this several times from you. Care to back up this statement with
ANY conclusive
>evidence??
>

The fact that groups like TAPR, AMSAT, and others, along with quite a
few individuals had to beat the ARRL at its own lobbying game to get the
code-free tech is proof enough to any rational person. The ARRL has its
own agenda, and it doesn't agree with the views of the majority of US
hams. (and it clearly conflicts with the desire of most wannabes who
decide to stay away rather than subject themselves to the hazing ritual
of CW testing.)

>> (Carl wrote)
>>>>My view is that the public interest would best be served by a vital,
>>>>growing, technically-progressive amateur radio service, not a bunch of
>>>>increasingly senile old-timers whose primary interest is in protecting

>>>>"their" bands from newcomers and new modes that they can't comprehend.
>>>>
>
>Well old timer, what makes you think they can't comprehend?

Stupid questions like "Seen any Clover pileups lately?" and dozens more
that show complete ignorance of the new technology that's available and
the inability/unwillingness to understand its benefits/value, and how
the future of ham radio depends on progress, not stagnation.

>
>just curious, why does this hobby have to satisfy the public interest??? I
can't
>think of too many that do... Stamp collecting, RC cars/plaines/boats, raising
dogs/cats/
>etc yada yada yada
>

BECAUSE THAT'S WHAT THE RULES SAY ... it's the reason we have access to
many MHz of extremely valuable spectrum ... and it's the reason that
most of the drivvel that goes on on the HF bands today doesn't "cut it"
as an excuse for maintaining those allocations ... i.e. the reason we'll
lose them in the future if we don't change and increase our value to
society ... it's the Amateur Radio SERVICE (not the Amateur Radio
Hobby, as you mistakenly think) ... that's the legal definition that
justifies our very existence ... read the RULES and wake up!

Carl - wa6vse
carl@ais.net

Origin: Usenet:American Information Systems, Inc. (1:2619/211.9)

Origin: Gateway ARNet <-> HamNet by HB9EBW (12:320/100.666)
--
|Fidonet: carl@ais.net%1:2619/211.9 2:301/249.666
|Internet: carl@ais.net%1:2619/211.9
|
| Standard disclaimer: The views of this user are strictly his own.

2201. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: carl@ais.net%1
Message-ID: <f84_9609062046@woodybbs.com>
Source record: 217720

To: carl@ais.net%1:2619/211.9%12:320/100.666
From: carl@ais.net
Subject: Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!
Organization: American Information Systems, Inc.

In <322AF7C3.607D@voicenet.com>, agray@voicenet.com writes:
>
>You can try to convince us that the public service aspects of amateur
>radio will keep the service alive but most of us already know better.
>
>If we, as a group, don't spend enough on new equipment and related
>materials to keep the ham manufacturers alive and well, the amateur
>service will die off quickly. That's a big part of the problem we're
>seeing right now. A growing number of amateur manufacturers are in
>financial trouble; more and more amateur dealers are gone or on the way
>out of business- all symptoms of the current poor health of amateur
>radio.

WHAT????????????? Are you TOTALLY nuts????

Since when did:

(Amateur Radio) = (Icom .or. Yaesu .or. Kenwood .or. (whoever)) ????

Amateur radio has NOTHING to do with any of those companies or their
survival ... they could all go belly-up tonight at midnight and amateur
radio would survive (not that their respective egos would accept that
premise ... I'm sure they all think they're the "be-all and end-all" of
ham radio an we couldn't survive without their blessings being bestowed
upon us.

You apparently never built anything, right? It would do you a world of
good to learn how (as it would to most of the brass-pounding appliance
operators out there ...)

Carl - wa6vse
carl@ais.net

Origin: Usenet:American Information Systems, Inc. (1:2619/211.9)

Origin: Gateway ARNet <-> HamNet by HB9EBW (12:320/100.666)
--
|Fidonet: carl@ais.net%1:2619/211.9 2:301/249.666
|Internet: carl@ais.net%1:2619/211.9
|
| Standard disclaimer: The views of this user are strictly his own.

2202. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: carl@ais.net%1
Message-ID: <f85_9609062046@woodybbs.com>
Source record: 217721

To: carl@ais.net%1:2619/211.9%12:320/100.666
From: carl@ais.net
Subject: Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!
Organization: American Information Systems, Inc.

In <322B4450.53FB@voicenet.com>, agray@voicenet.com writes:

>No, just the product of a good spell checker and lots of spare time (you
>know, not wasting time actually being on the air <grin>

Actually, though I have a spell checker, I only use it when I'm writing
a formal document in the word processor application ... not when I'm
banging out posts or e-mail in the newsreader or mailer ... both of
which use the EPM editor as their default editor, because I've to a PGP
shell patched into EPM.
(so, to be honest, I screw up a word or make a typo from time to time,
too in this mode)

Carl - wa6vse
carl@ais.net

Origin: Usenet:American Information Systems, Inc. (1:2619/211.9)

Origin: Gateway ARNet <-> HamNet by HB9EBW (12:320/100.666)
--
|Fidonet: carl@ais.net%1:2619/211.9 2:301/249.666
|Internet: carl@ais.net%1:2619/211.9
|
| Standard disclaimer: The views of this user are strictly his own.

2203. It's a sad state of affairs (was: 1,000,000 qsl cards thrown away pe

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: carl@ais.net%1
Message-ID: <f90_9609062046@woodybbs.com>
Source record: 217722

To: carl@ais.net%1:2619/211.9%12:320/100.666
From: carl@ais.net
Subject: It's a sad state of affairs (was: 1,000,000 qsl cards thrown away per year)
Organization: American Information Systems, Inc.

In <50fvup$4dq@herald.concentric.net>, dwittich@concentric.net (Doug Wittich) writes:
>
>It is a sad state of affairs when people want to abandon one of the
>hallmarks of the hobby.
>

Doug,

Sounds like another variation of the "logic" behind the "keep the code" chant.

Just because something was relevant and meaningful to you (or someone else) "in the good old days" does NOT mean that it will remain that way forever and ever ... time passes and changes occur ...

There are many of us who would assert that it's a sad state of affairs when the "establishment" is so crotchety and inflexible as to refuse to accept change, progress, and modernization, even to the point of placing our existence at risk ...

Carl - wa6vse
carl@ais.net

Origin: Usenet:American Information Systems, Inc. (1:2619/211.9)

Origin: Gateway ARNet <-> HamNet by HB9EBW (12:320/100.666)
--
|Fidonet: carl@ais.net%1:2619/211.9 2:301/249.666
|Internet: carl@ais.net%1:2619/211.9
|
| Standard disclaimer: The views of this user are strictly his own.

2204. Programming the Kenwood TH-79E

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: "Laser.Computer%1": 2619/211.9;
Message-ID: <f95_9609062046@woodybbs.com>
Source record: 217723

To: Laser Computer%1:2619/211.9%12:320/100.666
From: demo10@euronet.nl (Laser Computer)
Subject: Programming the Kenwood TH-79E
Organization: Laser Computer Europe BV

Hello,

Have anyone information about programming the Kenwood TH-79E with your computer ? . I can't find any information how do do this.

I know it is possible because there is a programma called "EZCLONE" whichs can programs your portable rig.

1) What kind of hardware is required ?
2) Where can I found information how to programs my portable rig. I couldn't found anything in the manual or the Website of Kenwood.

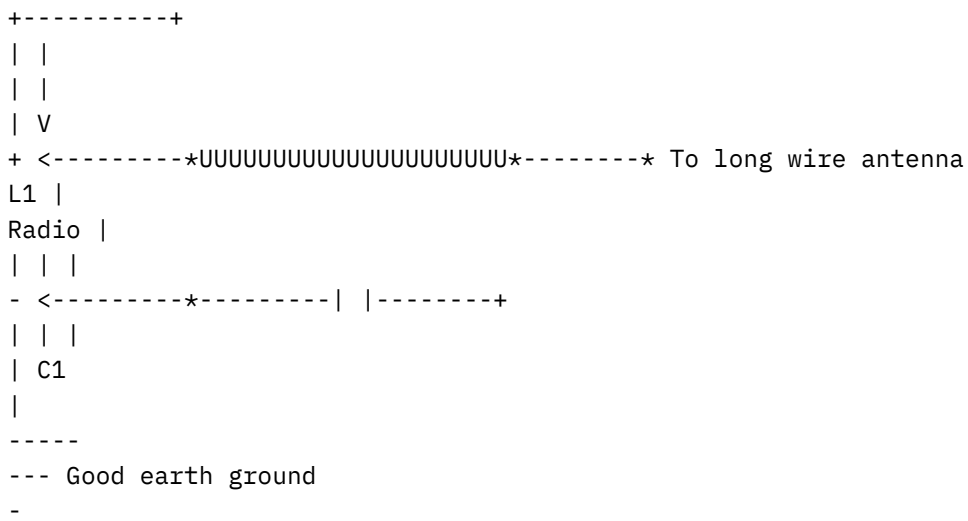
Peter van der Plaat
PE1NZA

Origin: Usenet:Laser Computer Europe BV (1:2619/211.9)

Origin: Gateway ARNet <-> HamNet by HB9EBW (12:320/100.666)
--
|Fidonet: Laser Computer%1:2619/211.9 2:301/249.666
|Internet: Laser.Computer%1:2619/211.9
|
| Standard disclaimer: The views of this user are strictly his own.

2205. Re: HELP: Antenna Tuner Design Needed

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <50d8rq$bb7@news.Hawaii.Edu>
Source record: 217833
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.radio.cb,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc



L1: Approximately 30 turns about a say, 2 1/2 inch diameter form
You can vary the inductance via an alligator clip

C2: Variable capacitor, say, 365 pf from a BC band receiver

Start by varying L1 with C1 fully meshed; then adjust C1

Jeff KH2PZ / KH6

2206. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <50d9ff$bnv@news.Hawaii.Edu>
Source record: 217834
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:
>> Bill Sohl <billsohl@planet.net> wrote:

>>>Mere use of CW by some percent of hams no longer
>>>constitutes a valid reason to mandateall hams on
>>>HF must learn that mode.

>>"The small percentage of hams who construct their own
>>transmitting/receiving radios no longer constitutes a
>>valid reason to mandate all hams on <insert mode here>
>>must be tested in that applicable theory."
>>
>>Yup. Same logic.

>No, not the same logic. All amateurs radiate RF, and
>are held responsible for doing so properly, IE within
>technical standards for purity of emissions, RF exposure,
>etc. An amateur can't pass off the blame to Kenwood when
>he radiates harmonics, or splatter, etc. He's responsible,
>and the technical tests are there to make sure he knows
>enough to be responsible. It doesn't matter whether he
>builds or buys, or whether he talks or beeps, he's
>responsible for the proper operation of the station.
>
>The real reason for the written exams is to remove the
>excuse "I didn't know" from the vocabulary of amateurs
>operating in violation of the regulations.

Some operators in another radio service have mighty fine stations
running more than the legal 5W input, with towers and beams. And
they've never taken a theory exam.

Jeff KH2PZ / KH6

2207. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: carl@ais.net
Message-ID: <50dchp$oak@news.ais.net>
Source record: 217835

In <50d7ls$vl@anomaly.ideamation.com>, kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:
>In article <50csc2$ffe@news.ais.net>, <carl@ais.net> wrote:
>
>>And they think their views should be the law of the land. (after all,
>>that's the 'natural' way ... the way God intended it, right?)
>
>Funny, but you don't believe in a code test, and you think eliminating
>the code test should be the "law of the land".
>
>Seems hypocritical of you to be condemning people for their beliefs when
>you yourself are guilty of the same action.
>
NOTHING should be "the law of the land" unless it's ABSOLUTELY
NECESSARY for there to be a law saying it is.

The authors of the Constitution would surely spin in their graves if
they knew some of the stupid stuff that our government has made laws
about.

Not mandating an unnecessary testing requirement does not constitute
making something "the law of the land" ... laws are ACTIVE things
REQUIRING some action or PROHIBITING some action.

Being silent is PASSIVE ... and that's the way the law should be in a
hell of a lot more cases than it is ...

Carl - wa6vse
carl@ais.net

2208. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: carl@ais.net
Message-ID: <50dd6c$oak@news.ais.net>
Source record: 217836
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In <50d76s$uh@anomaly.ideamation.com>, kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:
>
>I really have little interest in building my own radio gear, and I think
>its very bad policy to FORCE anyone to learn it if they don't have
>interest.
>
>Yup, works for me.
>

I guess you had a hard time with the written test, huh?

>
>>The arguments like "if we drop the code, next we'll drop the theory" are
>>flawed because the FCC will not drop theory testing in the interests of
>>preventing interference to other services.
>
>I keep hearing this, but evidence shows otherwise. For one thing, one
>doesn't have to take a "theory test" to get a commercial license for,
>say, the 150mhz public safety band. I didn't have to take a theory
>examination for my Ship/Aircraft Radio Station License. Why would
>"interference" originating from the amateur service, where most
>people operate with commercial radios built within specified tolerances,
>be any different than one of those services where I can operate a
>radio yet not have any idea if I'm causing "interference" within another
>service.

First, amateur gear is NOT "type accepted" by the FCC as is commercial mobile radio gear.

Second, in the commercial bands, users do not have access to the controls that determine transmitter frequency, power, etc. (except limited channel selection from a group of frequencies that the user is licensed to use ... most land mobie users are authorized for one channel pair ... or for a trunked system).

Third, land mobile users do not adjust and maintain their own gear ... they contract with service companies who specialize in that and employ licensed/certified technicians who *have* proved their knowledge and skill in properly installing, adjusting, and maintaining the equipment (this I know because I ran one of those busineses for a number of years and am, myself, licensed.)

>>The FCC has considered CW
>>irrelevant for years ... it's the ARRL and other counter-progress groups

>>who orchestrated letter-writing campaigns against dropping the code.
>
>Perhaps you can detail for me the evidence which suggests that the FCC
>cares one way or the other about the CW requirement, and give me a list
>of all those "counter progress" groups.
>
That's the point ... the FCC couldn't care less about maintaining the CW
requirement ... they've simply been willing to defer to the ARRL's
desires since the ARRL pretends to "represent" the majority of US hams
and nobody's raised a serious objection to that assertion to date.
(I know this as a fact, because I was once on a first-name basis with
the (former) Chief of the Private Radio Bureau at the FCC and he told me
personally that "until the ARRL backs off on Morse code, or they receive
significant opposition from a credible alternative "mouthpiece" group,
the code test will likely remain a requirement."

Fact.

Carl - wa6vse
carl@ais.net

2209. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: carl@ais.net
Message-ID: <50ddb9$oak@news.ais.net>
Source record: 217837
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <50d5hc$1150@news-s01.ny.us.ibm.net>, djfinn@ibm.net (Dan Finn) writes:
>
>Now for the *real* reason we should keep CW:
>
>>carl@ais.net wrote:
>
>>Now if the licensing requirments are modernized (read, "CW test is
>>eliminated"), I'll be at the next available testing session and walk
>>away with Extra ...(half asleep, in a drunken stupor)
>
>Any questions?
>
>73 ;)
>
>KR4AJ
>

Again the point of view of the CW crowd ... "If you don't do CW, you
don't deserve to be considered a 'real' ham, no matter how technically
qualified you may be."

Carl - wa6vse
carl@ais.net

2210. Packet software

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: JKlop <jklop@southcom.net.au>
Message-ID: <50dcf3$5rh@pandora.vision.net.au>
Source record: 217838

Is there any good packet software that works with Win 3.1 or Windows 95.

Many thanks,
John Klop
VK7KCC
Devonport,
Tasmania,
Australia.

2211. Help! Schem/Layout FT-270RH

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: gbones@flash.net
Message-ID: <50df4c$14b@excelsior.flash.net>
Source record: 217839

Need schematic and board layout for Yaesu FT-270RH xcvr.
Please email gary/K8BI (k8bi@flash.net) if you can help. Thanks.

2212. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: Cliff-s <Cliff-s@worldnet.att.net>
Message-ID: <01bb9871$653acf60$cda4eea5@Pop3.worldnet.att.net>
Source record: 217840
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Gary Coffman <gary@ke4zv.atl.ga.us> wrote in article <
> Indeed, the 50 watt categorical exclusion has no scientific basis.
> IMHO, the most hazardous installations are likely to be the ones
> running less than 50 watts, IE HTs and on-glass antenna equipped
> mobile stations. That's because the fields to which the operator
> is exposed will be much more intense due to proximity. The decision
> to exclude these popular setups from regulation was purely political.
>
> But contrary to your idealistic opinion, that is how laws are made.
>
> Gary
>

Gary:
If the HT's and Mobile Antenna were outlawed one group
would be very happy thats the crooks.
The way of real life, Ignore the Science, Ignore the facts,
play the Politics. Unfortunately all too true.

Cliff, W7VVA

2213. Re: Which is better CB or Ham radio?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: ag368@FreeNet.Carleton.CA
Message-ID: <50dg6h$6ac@freenet-news.carleton.ca>
Source record: 217841

Burt Fisher (k1oik@ccsnet.com) writes:
> Mike Adams wrote:
>
>> Isn't CB radio much better and cheaper?
>
> It is cheaper but so is the character of the people.
>
> #================#===#
> | Burt Fisher | Teacher of video, broadcasting and electronics |
> | Amateur call | South Dennis, Ma. (Cape Cod) |
> | K1OIK | The less you say, the more people will remember |
> #================#===#
> | k1oik@ccsnet.com |
> #===#
>
> http://www.qrz.com/cgi-bin/qrz_gifs?k1oik.gif

You get low lifes anywhere. I have done both and have found good and bad. Most of the people I worked with in the Local REACT team where the salt of the earth. Not all wanted to become hams. On the other hand I have met a number of hams that think they are god's gift to RF and I wouldn't trust them to turn on a light switch.

So Mike, beware of those like Burt, (damn, I promised myself I wouldn't get caught up in his bad mouthing posts. He is one of those bitter people who get pleasure in putting down everything and everyone.) I have read the threads to your post and they are filled with the info you require.

Both have their good points and bad points. Just depends on what you want to do. With the recent changes to the licencing structure ham is easier to get into and some used ham gear will cost no more than some new CB equipment.

Enjoy.

73

--
Mark J. Boyer VE3MJB ag368@freenet.carleton.ca
mboyer@cyberus.ca

If diamonds are a girls best friend, then gravity must be her worst enemy!

2214. IPS Solar and Geophysical Summary - August 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <50dk6u$aeg@flare.syd.ips.oz.au>
Source record: 217842
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS MONTHLY REPORT - AUGUST 1996
ISSUED BY IPS RADIO AND SPACE SERVICES
FROM THE AUSTRALIAN SPACE FORECAST CENTRE

1. SOLAR-GEOPHYSICAL INDICES

SOLAR LEARMONTH AUST
Day 10 cm flux A-INDEX T INDEX
01 Aug 80 11 11
02 Aug 80 12 9
03 Aug 79 8 1
04 Aug 78 6 11
05 Aug 74 6 1
06 Aug 73 6 5
07 Aug 72 10 8
08 Aug 70 4 11
09 Aug 70 6 7
10 Aug 72 4 11
11 Aug 73 3 2
12 Aug 70 3 -4
13 Aug 70 6 -3
14 Aug 69 11 2
15 Aug 68 6 3
16 Aug 68 14 5
17 Aug 68 10 7
18 Aug 67 5 7
19 Aug 68 6 1
20 Aug 69 8 0
21 Aug 70 7 5
22 Aug 73 6 5
23 Aug 74 12 12
24 Aug 75 9 13
25 Aug 75 16 12
26 Aug 74 9 17
27 Aug 74 14 15
28 Aug 73 11 15
29 Aug 74 24 27
30 Aug 73 9 4
31 Aug 76 12 25

10 CM FLUX SUNSPOT NUMBER A-INDEX AUST FLARES
LEARMONTH T INDEX
Monthly Monthly Yearly Monthly Monthly >M1.0
Month Average Average Average Average Average

Aug 95 73.8 15.1 15.8 7.7 24.1 0
Sep 95 72.1 12.3 13.8 10.9 14.0 0
Oct 95 78.1 21.7 12.5 12.7 0.7 3
Nov 95 74.2 9.4 11.7 7.8 9.0 0
Dec 95 75.2 10.8 11.2 8.8 -2.7 0
Jan 96 74.6 12.0 10.8 9.0 10.9 0
Feb 96 71.5 4.4 10.5 9.7 6.1 0
Mar 96 70.6 9.2 p10.3 10.4 1.4 0
Apr 96 69.1 5.1 p9.8 9.4 4.1 1
May 96 69.7 5.6 p9.5 7.2 7.8 0
Jun 96 69.5 11.8 p9.7 5.5 8.1 0
Jul 96 71.2 8.8 p9.9 6.8 11.0 3
Aug 96 72.5 14.0 p10.5 8.8 7.9 0

IPS Predicted (Yearly Smoothed) Sunspot Numbers (p)

Latest T-Indices for IPS Advanced Stand-Alone Prediction System-(ASAPS)
Last update: August 1996 Solar-Geophysical Summary

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
1990 151 128 135 128 127 139 137 138 142 137 123 133
1991 143 176 170 163 136 120 141 124 136 130 120 130
1992 153 173 155 134 96 80 89 66 67 66 84 89
1993 75 77 79 64 63 65 62 49 37 40 34 44
1994 57 42 43 26 16 16 23 17 19 19 20 22
1995 25 34 24 13 2 11 12 11 12 10 16 13
1996 *11 *10 *5 9^ 9^ 9^ 9^ 9^ 9^ 10^ 10^ 11^
1997 15^ 17^ 19^ 21^ 24^ 27^ 31^ 36^ 41^ 46^ 52^ 57^
1998 63^ 69^ 76^ 82^ 88^ 94^100^104^108^112^116^120^
1999 126^131^134^137^141^144^147^150^152^154^155^156^
2000 156^156^156^157^157^156^155^154^154^153^153^153^
* = New data. T index may have changed.
^ = IPS predicted T index
==========

2. FLARES AND SHORT-WAVE FADEOUTS - NONE OBSERVED
2.1 Comments on Solar Activity.
Solar activity was at very low to low levels during the month of August.

==========

3. GEOMAGNETIC DISTURBANCES (for Learmonth, WA)

DATE COMMENTS
29 Aug 96: Active to minor storm
30 Aug 96: Active early in UT day

The most significant geomagnetic disturbance for
the month was observed on 29 August, with an A index
of 24. This disturbance was associated with a solar
coronal hole. Geomagnetic activity declined early
in the UT day on the 30 August.

Isolated active periods were observed on the 23 August,
and during the interval 25-28 August.

==========

4. IONOSPHERIC DISTURBANCES (for Australian Region)
1-5 Aug 96: spread F observed local night hours, northern
and southern region.
12 Aug 96: depressed 15-30% during local daylight hours
at Darwin only.
13 Aug 96: depressed 15-20% during local daylight hours
at Darwin only.
15 Aug 96: blanketing sporadic E observed during local day and
spread F observed during local night,
northern region only.
16 Aug 96: blanketing sporadic E observed 05-12 UT,
northern Australian region.
19 Aug 96: depressed 15-20% during local daylight hours
at Darwin only. Spread F observed local night,
northern region only.
20 Aug 96: depressed 15-20% during local daylight hours
Darwin only. Spread F and blanketing
sporadic E observed during local night.
30 Aug 96: depressed 30% during local day, southern
Australian region. Northern region remained
near predicted monthly values.

The depression on the 30 August is believed
to be associated with geomagnetic storm activity on 29
August. Degraded HF communications at mid to high
latitudes were likely to have been experienced on 30 August.

Ionospheric depressions were occassionally observed at Darwin
during local daylight hours for the month of August.

==========

5. IPS WARNINGS AND ALERTS ISSUED

WARNINGS:
HF RADIO WARNING:
ISSUE DATE NO BEGIN END
30 Aug 96 15 30 Aug 96 30 Aug 96

GEOMAGNETIC WARNING:
ISSUE DATE NO BEGIN END
26 Aug 96 9 26 Aug 96 30 Aug 96

ALERTS:
29 Aug 96: Magnetic (Preliminary)
30 Aug 96: Magnetic (Final)

SWF ALERTS AND DURATION REPORTS
DATE SWF BEGIN-END (UT)

None Issued

--
IPS Radio and Space Services | email: asfc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/asfc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
tel: +61 2 94148300 | fax: +61 2 94148331

2215. Re: Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: armond@delphi.com
Message-ID: <BPDyaLb.armond@delphi.com>
Source record: 217843

Angus John Mcleod <amcleod@anjo.com> writes:

> > 1) OLDE FAHRTZ...
> > 2) OLDE FAHRTZ...
> > 3) OLDE FAHRTZ...
> > 4) OLDE FAHRTZ...

Are you speaking of the olde fahrtz who went ashore at Normandy, Guadalcanal, Iwo Jima, or saw 20,000 of their friends die in B-17s over Germany, so you could live in freedom? Or are you speaking of the olde fahrtz who were drafted and spent their winters in Korea?

2216. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <50dqtc$p79@dfw-ixnews2.ix.netcom.com>
Source record: 217844

In <506ccf$7au@jupiter.planet.net> adell@planet.net (Steve - KF2TI)
Landing, NJ writes:
>
>> carl@ais.net writes:
>
>>
>> Only "members" get QST (where the survey was printed) ...
>> supposedly some non-members were mailed a copy, but I've not heard
of
>> any proof of that ...
>>
>>
>> Carl - wa6vse
>> carl@ais.net
>
>
>
>QST is available for sale in a variety of electronic stores and book
stores. they have the survey as well
>
>steve

Right Steve they also mailed the survey to a number of non-members randomly selected from the call sign data base. Our Division Director and the President of the ARRL were at the Alamogordo NM hamfest Saturday and explained how the survey was undertaken. There will be another survey in the near future addressing other issues. The Board of Directors seems to still be somewhat inclined towards a code requirement but, unlike some of the folks here, seem willing to face changing times. They visited at my AMSAT table for a time and seemed quite reasonable and interested in what the general membership thinks.

73 Jerry

2217. Re: 3.88 MHz sounded like CB tonight. Yuck

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: wa2ise@netcom.com
Message-ID: <wa2iseDx3DJr.BK@netcom.com>
Source record: 217845

In article <50b3a9$67h@reaper.uunet.ca> frenchy@travel-net.com writes:
>billhar@spaceworks.com (bill harris) wrote:
>
>>>First time in a while, I was tuning around the 80 meter band with an
>>>old general coverage SW receiver, and heard some people arguing and
>>>insulting and idle threats being tossed about. Even someone played
>>>music for a minute or so. Had to check that I had tuned 3.88 MHz
>>>instead of 27.something it was so bad.
>>
Wow! I posted this about a year ago.

2218. Programming the Kenwood TH-79E

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: demo10@euronet.nl
Message-ID: <50e1v6$qn1@news.euro.net>
Source record: 217846

Hello,

Have anyone information about programming the Kenwood TH-79E with your computer ? . I can't find any information how do do this.

I know it is possible because there is a programma called "EZCLONE" whichs can programs your portable rig.

1) What kind of hardware is required ?
2) Where can I found information how to programs my portable rig. I couldn't found anything in the manual or the Website of Kenwood.

Peter van der Plaat
PE1NZA

2219. Re: TechPlus --> General?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: Hans K0HB <71111.260@CompuServe.COM>
Message-ID: <50dj1tcnn1@mhade.production.compuserve.com>
Source record: 217847
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

On Thu, 22 Aug 1996 15:19:02 -0500, Rick Miller <rick@DigalogSys.com> wrote:

>Hi!

>

>Could someone verify what I'll need to do to upgrade from Tech Plus

>to General? I just need to pass the 13-gpm code test, right?

It depends on when you became a Tech. If you are an "old"
Tech (before about 1981), then you simply need to pass the
13WPM.

If you are a "later" Tech, you will need to also pass the
General written exam.

--
73, de Hans K0HB
--If you go flying back through time and you see somebody else
flying forward into the future, it's probably best to avoid
eye contact.

2220. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: jjo@tekla.fi
Message-ID: <JJO.96Sep2103604@ds10.tekla.fi>
Source record: 217848
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <503vkd$714@anomaly.ideamation.com> kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:
In article <JJO.96Aug29083810@ds10.tekla.fi>,
Jari Jokiniemi <jjo@tekla.fi> wrote:

>I believe that the purpose of the exam is to guarantee that
>radio amateurs can operate their radios without injuring themselves or
>others and that they do not cause interference to other radio
>services. No more, no less.

Perhaps in your country, but not here.

In the US, we have both a theoretical and a practical element
to our examination elements. The theoretical is merely a multiple
choice exam. The practical is the code examination.

I would like to point out that I wrote about the _purpose_ of the
exam, as I understand it. Not the actual content of the exam. I have
seen the questions you have in a general class examination, thanks
to one of my friends who took the test when he visited USA the last
time. The examinations in USA and Finland seem to be pretty similar.

--
Jari Jokiniemi, jari.jokiniemi@tekla.fi, OH2MPO, OH3BU
Tekla Oy, Koronakatu 1, 02210 Espoo, 90-8879 474

2221. Re: Validity of Statistical Evidence (was ARRL, etc.)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: "Gary V. Smith" <gsmith@michiana.org>
Message-ID: <322AB5D8.1652@michiana.org>
Source record: 217849
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

AC6V wrote:

> Hi Tony,
> Reminds me of an ancient one.
> Statistics show that 3 out of 10 accidents are caused by drunk drivers,
> therefore 7 out of 10 accidents are caused by sober drivers,
> so we ought to get the durn sober drivers off the road!
> Hic
>
> Rod in San Diego
> --
> Hark for I have hurled my words to the far reaches of the earth!
> What King of old could do thus??
> AC6V

Hello Rod,

And Benjamin Disreali said that there were three kinds of lies. "Lies,
damned lies, and statistics."

Ttul, tnx es 73 de Gary
KD6RXT - South Bend, IN
-k-

2222. 10M - 6M Transverter ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: William Vaughn <billv@olympus.net>
Message-ID: <322A8CCC.1B3D@olympus.net>
Source record: 217850

I am looking for either a manufacturer or plans for such a device. Any help would be greatly appreciated.
Bill, KB7MRF

2223. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: Steve Ickes <thebizlk@pop.erols.com>
Message-ID: <322ADF2D.79EB@pop.erols.com>
Source record: 217851
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

carl@ais.net wrote:
> <<<<mucho cut>>>>>>
>
> That's pure techno-political suicide.
>
> Carl - wa6vse
> carl@ais.net

Amateur radio will have now more clout with five million, mostly incompotent licensees than it has w/current numbers. The answer is not more but better.

S

2224. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <50ehgk$30r@jupiter.planet.net>
Source record: 217852

> carl@ais.net writes:

>
> Perhaps a more accurate assessment could be obtained by mailing a ballot
> on the issue to EVERY licensed US ham, with the reqirement that it be
> executed and returned or the license would be revoked? This would serve
> two useful purposes ... 1) get a more representative view of the
> opinions of ALL hams , and 2) afford the FCC a mechanism for purging the
> license roles of all the Silent Keys and totally-inactive-couldn't-care
> "hams."

who pays for this undertaking. obviously the republican held government is not
going to put up the big $$$. they're trying to sell off spectrum, not save it

> This would still not be a perfect mechanism to decide yes or no on the
> issue of keep/abandon the CW _testing_ requirement, because it would not
> include the views of wannabe hams.

this staement contridictes the above

> The point is that it's the FCC's obligation to decide the future of ham
> radio, not on the basis of what the ARRL and its "members" want, but
> rather on the basis of what best serves the "public interest."

again, the FCC could/federal government types could care less. As far as they are
concerned, the ARRL represents amateur radio in this country.

My view is that the public interest would best be served by a vital,
> growing, technically-progressive amateur radio service, not a bunch of
> increasingly senile old-timers whose primary interest is in protecting
> "their" bands from newcomers and new modes that they can't comprehend.

They join the ARRL, get averyone else to join and vote in a slate of directors that
will meet your needs. Or start your own organization. Don't be one of those who
constantly complains that therepublicrats are no good and should be thrown out, only
to find that they never even voted in the election. Besides your contstant grousing without
offer even 1
alternate solution is getting quite tedious. There are too many monday morning quarteback /
arm chair
generals already

> Carl - wa6vse
> carl@ais.net

steve KF2TI

2225. JARTS Contest

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-02 00:00:00 UTC
From: Phil Sussman <pactor@pactor.com>
Message-ID: <322ACB3E.27CE@pactor.com>
Source record: 217853
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc

Greetings,

I have lost track of information on the JARTS RTTY Contest.
Can anyone provide some email information to me about it??

73 ES TNX
de Phil - KB8LUJ

2226. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: rob@pe1chl.ampr.org
Message-ID: <Dx5rJt.88n@pe1chl.ampr.org>
Source record: 217404
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In <cgreenha.622.322C1705@magnus.acs.ohio-state.edu> cgreenha@magnus.acs.ohio-state.edu (Christopher K. Greenhalgh) writes:

>I find it interesting that a fellow ham entering new territory, attempts to do
>the best he can, with equipment advertised to do the job, is labled "ignorant"
>by his peers.

You must have missed all the attempts that have been made on this newsgroup, in packet radio bulletins, and in QST (5/95) to explain that the equipment advertised as "9600 baud ready" actually isn't.

Also, it often seems that amateurs tend to believe such a claim in a commercial advertisement, and tend to disbelieve claims from their fellow amateurs who happen to have tried it and found it was not true.

This is unfortunate, and not only for their own wallet but also for the efficiency of packet radio as we all use it.

When a reasonably well documented article like the one in QST fails to hit the brains of the newcomers, we have a problem. Plainly stating "what Kenwood tells you is not true" is not going to make much impact, and I doubt any amateur is interested in going through a legal case against the radio manufacturers and distributors about making false claims in their commercial advertisements.

Rob
--
+-----------------------------------+--+
| Rob Janssen pe1chl@amsat.org | BBS: +31-302870036 (2300-0730 local) |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+-----------------------------------+--+

2227. Tube Sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: zafod@ix.netcom.com
Message-ID: <322C9724.C17@ix.netcom.com>
Source record: 217405

Tube Sale of the Century!

Yes, I'm cleaning out the closet that I have stuffed for 15 years with
just about every kind of tube imaginable, from 1924-1960. All are used,
but _All_ tubes are guaranteed, and have been checked on a top-of-the-line
Hickock 539B. Prices are at least 50% below dealer new prices!

The list is available in either ASCII text, Excel 5.0, Lotus 1-2-3, or
Microsoft Works 3.0 (Please specify which format you want!). The list
will come to you as a zipped MIME or BINHEX e-mail attachment (again,
please specify which), with a text file containing all details.

Responses to: zafod@ix.netcom.com

Lin/KJ6EF

```
==========================================================================
* * *
Lin Robertson's * /---\ * "The miracles of
Vintage Radio Page * |_____| * yesterday are
www.geocities.com/Athens/1630/otr.html * \___/ * held in trust
* * by the collectors
* () * of today for the
mail: zafod@ix.netcom.com * o o o * generations of
************* tomorrow."

==========================================================================
```

2228. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: Joe Camel <joe@megahard>
Message-ID: <01bb99e6$0e9fc4a0$204d4486@ghost.iupui.edu>
Source record: 217406
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

> The ham community is rapidly becoming the "blacksmiths" of the
> electronic age ... and the ARRL and the "CW forever" group are telling
> the FCC "This is what we want ... this is where we demand to remain."
> That's pure techno-political suicide.
> Carl - wa6vse
> carl@ais.net

Absolutely. Moreover, the NBA seems to favor these "olde fartz" like
Michael Jordan, who don't use a ladder to drop a ball in a hoop. Why,
may I ask? It's the 90's, and ladders have been around for thousands
of years, man! Besides, what's the purpose of tossing a rubber ball
around, anyway? We need the space, and the money, so let's just
sell all basketball courts...
:-)

Joseph Camel

2229. W1AW bulletin mailing list

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: n1ist@netcom.com
Message-ID: <n1istDx6FB1.3s4@netcom.com>
Source record: 217407

```
The W1AW bulletin mailing list is now run from the League.

To automatically receive these bulletins,
send a message to w1aw-list-request@arrl.org with the subject (not the
body):

subscribe user@host.com

where user@host.com is YOUR E-MAIL ADDRESS.

W1AW-list is now maintained by Jeff Bauer, w1aw@arrl.org, and the League
list server by Jon Bloom, jbloom@arrl.org

73,
/mike
n1ist@netcom.com
Maintainer, BARC lists

--
\|/ Michael L. Ardai N1IST n1ist@netcom.com \|/
-*- === Boston Amateur Radio Club: http://www.barc.org/barc === -*-
/|\ or send "info barc-list" to listserv@majordomonetcom.com /|\
```

2230. Re: PK-232 and Win95

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: cecilp@magic.bunt.com
Message-ID: <50i9u6$935@krypto.zippo.com>
Source record: 217408

Curt Dunn <cdunn@netsync.net> wrote:

>Thank you for reading this:

> I understood there was a shareware program out there to run the 232 with Win95.

> All my searches have turned up negative.

> If anyone can help via Email or a posting to the Newsgroup,I would appreciate
> it.

> Thanks in advance,

> 73,de KA2SLC
>--
>CURT
>cdunn@netsync.net
>http://www.netsync.net/users/cdunn

Curt,
I am running a PK232MBX and the PC-Pakratt II with WIN95 and have no
problems. Please post if you do find something.

Paul Cecil
KA5FPT / DA2PC
Kaiserslautern, Germany
Home to the largest military community outside the US of A

2231. Chicago area hamfest Sunday

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: jpss@ais.net
Message-ID: <jpss-0309961734510001@news.ais.net>
Source record: 217409

The Bolingbrook Amateur Radio Society's 12th annual

Hamfest '96

Sunday Sept 8th, 1996

Inwood Recreation Center
3000 W. Jefferson St. (Rt. 52) Joliet, IL

VE testing talkin 147.33 +600, 224.54 -1.6, 146.820 -600

more info call 708-759-7005 between 6am and 9 pm

Large indoor and outdoor flea market areas

2232. Re: B&W BWD 1.8-30 ant. review?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: cecilp@magic.bunt.com
Message-ID: <50i9ud$935@krypto.zippo.com>
Source record: 217410

Tom C <tomc@tiac.net> wrote:

>I wonder if anyone has used a B&W BWD 1.8-30 folded dipole on 160 meters.
>I'd be interested in your review of its performance. Tom/WA1NVS, e-mail:
>tomc@tiac.net

Tom,
For your information, the antenna is basically a T2FD designed back in the 50's by the Navy. It is a folded dipole with a resistor in the middle opposite of the feed point. The resistor is usually greater then the type of feedline you are are using. In other words you would use a 390 ohm resistor for a 300 ohm line. A popular way of feeding the antenna is using a 6:1 balun to feed a 50ohm coax. As to the size of the resistor - it needs to about 30% of the max power you plan on running. Yes the antenna is not as a good as a dipole. But you gain plenty of bandwidth for running one antenna. A T2FD is only 47 feet long and will cover 40 to 10 meters. If you use open ladder line you can also use it on 80 meters.

If you want more info let me know. I have several articles on the antenna.

Paul Cecil (cecilp@magic.bunt.com)
KA5FPT / DA2PC
Kaiserslautern, Germany
Home to the largest military community outside the US of A

2233. Re: 3.88 MHz sounded like CB tonight. Yuck

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <50ia69$1bs@anomaly.ideamation.com>
Source record: 217411

In article <50hr6h$j28@usenetz1.news.prodigy.com>,
Drew Durigan <VUBS79A@prodigy.com> wrote:

>Uh huh. A problem that just keeps getting worse.

Tell us Drew... how would you know? Did you buy a radio yet?

>the operators on 3.88Mhz are General Class or above. That's right...
>they've all passed at least a 13WPM code test.
>
>So much for YE OLDE FAHRTZ argument of Morse being a "lid-filter" and
>that it "keeps the riff-raff out."

I don't hear too many problems in the Extra bands when I listen there,
so the CW "filter" must work. Maybe the 13WPM isn't high enough. I know,
let's call for the elimination of the 5 and 13WPM code speeds, and just
have a single, 20WPM code speed. Yeah, sounds good to me.

MD

--
--
-- "I have more guns than I need, and less guns than I want." -- Phil Graam
--
-- If you don't like my opinions, that's just too damn bad.

2234. Questions about CW test

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: gary@carcs1.wustl.edu
Message-ID: <50hves$l41@lex.zippo.com>
Source record: 217412

My wife and I are no-code technicians. We have been practicing CW for about a year and are nearly ready to take the 13 WPM test. I have a few questions I'd like to ask.

(1) We've used tapes, PC programs, and practice code boxes. Generally speaking, they all use tones from about 700 to 900 Hz. Is that about what we can expect on the test?

(2) Computer program "Super Morse" has a practice test which consists of a one-sided QSO (only one operator sends code). The MFJ code practice box has QSOs in which two operators exchange information (frequently switching back and forth). Which are we more likely to encounter on the test, a one-sided or a two-sided QSO?

(3) I understand that the test consists of listening to a QSO and then answering ten questions about its contents. Is this test multiple choice, like the written tests?

(4) Does the test run for a set period of time (say, 10 minutes)? I guess what I am really asking is: Do the 5, 13, and 20 WPM tests run for the same length of time, or do they all contain similar QSOs and run for different periods of time?

(5) Is the QSO easy to hear? Can we adjust the volume?

If anyone has any insights, hints, or anectdotes about the CW test I'd like very much to hear them.

Thanks.

- Gary KB0QGE gary@carcs1.wustl.edu

2235. Ham Radio Mailing Lists announcement

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: n1ist@netcom.com
Message-ID: <n1istDx6F5x.3II@netcom.com>
Source record: 217413

The Boston ARC maintains 12 ham radio related lists here at Netcom:

barc-list: Information, discussion and anouncements for the Boston Amateur
Radio Club and hams in Eastern Massachusetts.
newsline-list: Redistribution of Amateur Radio Newsline
letter-list: Redistribution of the ARRL Letter
barc-races: RACES in Massachusetts and emergency management
fox-list: Fox hunting and Radio Direction Finding
ky1n-list: VE exams in New England
fieldorg-l: ARRL field organization discussions
ham-tech: Technical discussions and questions about Amateur Radio
arrl-exam-list: Amateur radio license examinations scheduled in the US and
in some foreign areas.
arrl-nediv-list: Bi-monthly bulletins from the ARRL NE Division director
ema-arrl: The Eastern Mass. ARRL Section announcements and info
arrl-ve-list: Announcements to VEs and VE teams.

These lists are automatically maintained by Majordomo. To sign up or
inquire about these lists, send mail to listserv@majordomo.netcom.com
with the following in the body (subject is ignored) of the message.
<listname> is the name of the list to subscribe to.

To subscribe: subscribe <listname>

To unsubscribe: unsubscribe <listname>

For more information about a list: info <listname>

For more information about Majordomo: help

To post (to the two-way lists), send your message to
<listname>@majordomonetcom.com

Please *do not* post subscribe/unsubscribe requests to the list itself.
Please keep your mailing address up to date. If your account is being
changed or shut down, please update majordomo. If your mail bounces for
'no such user' or 'no such machine', you *will* be removed from the lists.
Feel free to resubscribe when the problem is fixed.

These lists are sponsored by N1IST and the Boston Amateur Radio Club.
If you have any questions, I can be reached at n1ist@netcom.com
For more information on the Boston ARC, subscribe to barc-list

73,
Michael L. Ardai N1IST
--
\|/ Michael L. Ardai N1IST n1ist@netcom.com \|/

-*- === Boston Amateur Radio Club: http://www.barc.org/barc === -*-
/|\ or send "info barc-list" to listserv@majordomonetcom.com /|\

2236. Ton O' Radios Special Event - Results

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: eldridge@cax.ES.xerox.COM
Message-ID: <322CBB30.F6E@cax.es.xerox.com>
Source record: 217414

The Xerox Amateur Radio club WD6CZH made 226 contacts for a total of 8,676 pounds of radios during the Ton O' Radios special event. It was a lot of fun! Thanks to everyone that participated.

George

2237. Re: IARU/FCC QSO Regulations (was: Who Do You Hear on HF?)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1Dx6GKL.JvH@netcom.com>
Source record: 217415

In article <50i8qd$qdh@lehi.kuentos.guam.net>,
Jim Kehler <pacrimgolf@kuentos.guam.net> wrote:
>carl@ais.net wrote:
>
>>In Drew's defense, I don't think he intended to say that folks can't
>>talk about what they want if it's not of interest to him or others, but
>
>Now that just what Spew needs. A daddy. Somebody that can
>explain what he said. Gee, Carl, now if you could only teach him
>to read, then maybe HE would understand what he said, after
>you explain it to him.

Carl and Drew have valids points. That makes three against you Jim.
Drew has passed the tech plus code test, I've passed the general code
test. We are the new generation of HAMS, less than 50 years old, who
firmly believe the code requirement is ludicrious in 1996.

KB0WOB Charles in Denver

PS - Jim, Drew MUST have a radio of some kind in order to have
made his observations of the HF bands. They are generally correct.

2238. Re: rsgb g0tww:Stop the knocking

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: Cliff Patten <cpatten@cbshack.demon.co.uk>
Message-ID: <S0xUGDArKLLyEwYy@cbshack.demon.co.uk>
Source record: 217416
Cross-posted to: uk.radio.amateur,rec.radio.amateur.policy,rec.radio.amateur.misc

In article <841759064.8428.0@thecroft.demon.co.uk>, Jacques Hankin
<jacques@thecroft.demon.co.uk> writes
>
>>It is the result of quasi-democratisation of an organisation, and is
>>kept alive by the apathy or the
>
>Sorry, this bit fell off the screen.
>Ignore.
>(Rest of message still stands!)
>Jacques
>
HOW many times have I told you not to leave your sentences unf....

:-)

--
Cliff Patten G0GDW

2239. IPS Daily Report - 03 September 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <50idni$a32@flare.syd.ips.oz.au>
Source record: 217417
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 03/2330Z SEPTEMBER 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE AUSTRALIAN SPACE FORECAST CENTRE
SUMMARY FOR 03 SEPTEMBER AND FORECAST FOR 04 SEPTEMBER - 06 SEPTEMBER

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 71/6

GOES satellite data for 02 Sep
Daily Proton Fluence >1 MeV: 4.9E+05
Daily Proton Fluence >10 MeV: 1.8E+04
Daily Electron Fluence >2 MeV: 9.9E+08 (high)
X-ray background: A5.5
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
04 Sep 05 Sep 06 Sep
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 04 Sep: 70/5

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Quiet

Estimated Indices : A K Observed A Index 02 Sep
Learmonth 3 2111 1111
Fredericksburg 3 5
Planetary 5 5

Observed Kp for 02 Sep: 1222 2211

2B. MAGNETIC FORECAST
Date Ap Conditions
04 Sep 5 Quiet
05 Sep 8 Quiet to unsettled
06 Sep 5 Quiet

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band

Date Low Middle High
03 Sep Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
04 Sep Normal Normal Normal
05 Sep Normal Normal Fair
06 Sep Normal Normal Normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
03 Sep 13

Observed Australian Regional MUFs:
Darwin: depressed 15-30% 03-05UT, near predicted monthly values
at other times.
Townsville: near predicted monthly values.
Sydney: near predicted monthly values.
Hobart: near predicted monthly values, spread F local night.

Predicted Monthly T index for September: 9

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
04 Sep 10 near predicted monthly values
05 Sep 10 near predicted monthly values
06 Sep 10 near predicted monthly values

--
IPS Radio and Space Services | email: asfc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/asfc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
tel: +61 2 94148300 | fax: +61 2 94148331

2240. search

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: GINO.VDS@DEBCOM.BE
Message-ID: <322cb7ba.2981563@NEWS.BRU.TFI.BE>
Source record: 217418

Hello OM/YL,

My friend ON4CAO search anybody ho want to copy the service-manuel or
manuel from the IC-970 verion A/E/H.
Contribution not a problem.

We search also the modifications for the IC-970.

Last but not least, i'm searching the modifications for the FRG 7700
Yeasu. If you have anything about this, please let me know and send
message to GINO.VDS@DEBCOM.BE
73's de ON1DAN (Gino).

2241. W. CT Hamfest close to NYS, 15-Sep, Newtown CT

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: KD1YV <jimkd1yv@ix.netcom.com>
Message-ID: <322CAFBE.60CC@ix.netcom.com>
Source record: 217419
Cross-posted to: rec.radio.amateur.misc,rec.radio.swap

THE WESTERN CONNECTICUT HAMFEST
Sponsored by the Candlewood Amateur Radio Association

Just 14 miles from the NY/CT State line!

Sunday, Sept. 15, 1996 0900-1400
Edmond Town Hall Route 6, Newtown, CT
Tables inside Tailgating outside
ARRL Sanctioned Handicapped Access
Door Prizes Ample Parking
Gourmet Fare Rain or shine

Talk-in 147.12/.72 PL 141.3

General admission $4.00 at the door (what a deal!)

Tailgating $6.00, inside table reservations $10.00 each, (both
include 1 admission), mail to:
Candlewood Amateur Radio Association, PO BOX 3441, Danbury CT 06813

For more info, phone (203) 790 7041 or (203) 438 6782.

Hope to see you all there.
73 de KD1YV
Jim

2242. Re: 3.88 MHz sounded like CB tonight. Yuck

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: jbaltz@news.cs.columbia.edu
Message-ID: <50ik9j$570@play.cs.columbia.edu>
Source record: 217420

In article <50ia69$1bs@anomaly.ideamation.com>,
Michael P. Deignan <kd1hz@anomaly.ideamation.com> wrote:
>I don't hear too many problems in the Extra bands when I listen there,
>so the CW "filter" must work. Maybe the 13WPM isn't high enough. I know,
>let's call for the elimination of the 5 and 13WPM code speeds, and just
>have a single, 20WPM code speed. Yeah, sounds good to me.

Actually, if you're going to *have* a code test, having one which tested to
see if you could effectively receive the mode (5 wpm isn't effective) is
better, no?

I mean, let's stop farting around.

Please respect the Followup-to: line.

>MD

//jbaltz
--
jerry b. altzman Entropy just isn't what it used to be +1 212 650 5617
jbaltz@cs.columbia.edu jbaltz@scisun.sci.ccny.cuny.edu KE3ML

2243. NEW URL, please update !!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: wa4pgm@luna.moonstar.com
Message-ID: <NEWTNews.841806938.7705.wa4pgm@wa4pgm.moonstar.com>
Source record: 217421
Cross-posted to: uk.radio.amateur,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.dx,rec.radio.amateur.antenna,rec.boats.paddle,aus.radio.amateur.misc

My URL has changed. please bookmark it and THANKS for the
GREAT response so far !!!

Amateur Radio -- Civil War -- Kayaking -- Nascar
Blue Ridge River Runners
Central Virginia Contest Club

http://luna.moonstar.com/~wa4pgm/
wa4pgm@luna.moonstar.com

Tks 73,
Kyle

2244. Re: Indiana repeater/ATV/Packet APRS Balloon Launch

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: Mark McGregor <kb9khm@expert.cc.purdue.edu>
Message-ID: <322CE91F.C26@expert.cc.purdue.edu>
Source record: 217422
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.space

Darwin Teague wrote:

> Could you please tell me how to receive the video? Is it a TV-UHF frequency? I
> have an old Rabbit receiver, but don't know what frequency it's on....

You can receive ATV the following ways:

Using an ATV down converter (converts 439.25 to TV channel 3) and a
70cm Beam Antenna

Using an old TV or VCR with manual tuning hooked up to an outside
antenna.
You will have to tune the TV to UHF channel 14 and then try using
your
fine tuning control and tune DOWN. The ATV frequency is BELOW
UHF ch 14.

Using a newer TV or VCR that is cable-ready. Hook the TV or VCR up
to an
outside antenna and then set it for CABLE CHANNEL 60.

The first method is BY FAR the best. Down converters are around $80 and
you can
make your own beam (I did). Make sure your receiving antenna has the
same
polarity as the transmitter. Cross polorization loss on 70cm can be as
much
as 20db.

Mark
<KB9KHM>

2245. Re: Single chip electronic keyer (Curtis)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: MADJID <orion@odyssee.net>
Message-ID: <322CF695.5880@odyssee.net>
Source record: 217423

Curtis chip can be purchased at Mouser Electronics
http://www.mouser.com ($19.95)
also Kit sold by NorCal QRP Association:
http://www.fix.net/~jparker/kits.html

Schematics of the Curtis Keyer can be found in old versions
of the ARRL Handbook.

You've got two versions of the chip one is 16pins (8044),
the other one 20 pins (8044ABM). If I am right the ABM version
allows you to have a speedo-meter and mysterious iambic mode B
which is supposed to send a dot after a dash and a dash after
a dot (So how do you send a final dot or dash ..--..)
--
Madjid, VE2GMI
Antenna simulation program NEC4WIN :
http://www.coast.net/SimTel/SimTel/win3/hamradio/nec4w15.zip

2246. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <50i3pa$l84@news.Hawaii.Edu>
Source record: 217424

Drew Durigan <VUBS79A@prodigy.com> wrote:
>Karl wrote:
>>jherman@Hawaii.Edu (Jeffrey Herman) writes:

>>>Carl, why are you trying to bring the code debate over to .misc?
>>Please
>>>keep it on .policy (one of the reasons for .policy's existance). Just
>>>because you're a tech with no HF privileges is no reason to use .misc
>>>as your platform for espousing the elimination of the code tests.

>>Besides, I'm NOT a tech with no HF priveleges ... I passed a code test
>>at the FCC office (5wpm) and the General written to get my tech.
>>I've probably been licensed longer than you have (20+ years), so don't
>>give me your "You're a lowly tech, I'm an Extra" crap!

I've been licensed for 20.5 years. And I'm a General.

>You gotta laugh at these stereotypical fools. They automatically assume
>that anyone who is in favor of removing the CW requirement has just GOT
>to be an uncouth, unworthy, lazy, etc., no-code Tech.
>Are they unable to read a simple callbook/callsign server, or do they
>just prefer to keep their heads in the sand and think this way because it
>makes their own pro-code pleas sound more convincing to themselves?

Hi Spew,
I did check callsign.uarl.edu and Karl is listed as a Tech. It didn't
say Tech Plus. Just Tech.

KH2PZ

2247. Re: Questions about WARC bands

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: "Jim.Kehler%1": 2619/211.9;
Message-ID: <f7f_9609062046@woodybbs.com>
Source record: 217425

To: Jim Kehler%1:2619/211.9%12:320/100.666
From: pacrimgolf@kuentos.guam.net (Jim Kehler)
Subject: Re: Questions about WARC bands
Organization: PacRim Golf Accessories

little@pecan.enet.dec.com (Todd Little) wrote:

>I can believe that based upon your apparent short attention span.
>Must explain why you thrive on DX CW contacts. After all, how long
>can it take to send XXXX ur 5NN, TU 73 DE KH2D? Weren't you just
>boasting about working 5 contacts per minute instead of 5 words
>per minute? I guess if something takes more than 12 seconds to
>get through, you must blow it off to keep your rate up.

Quote things when you want to complain about them. That way no
one will wonder what you're complaining about, and nobody will
have to keep retyping it so you can read it again. No, I wasn't
boasting about anything. I said the DX sticks to the bottom 25kc's
of the band because most DX stations want to work 5 stations
a minute, not five words a minute. Obviously, you never worked me
on CW, leave out the 'ur' and the ',' and the '73' and the 'DE' and
then you'll be close. Hundreds of stations I have worked would
much rather have a QSL card from me for thier DXCC than they
would have an 'interesting QSO' with me. They don't care what my
name is, or what kind of job I have, or where my wife is from, or
what kind of antenna I have. They want a QSL card. Period. When
a hundred or two hundred stations are calling you at the same time,
you work as many as you can as fast as you can. When only one
station is calling, you talk to him for 10 minutes, or an hour if you have
something to talk about. Lots of stations I work ask for QSL info
before they tell me their name or give me a signal report. If that
bothers you Todd, sorry. But it's not going to change, because it's
a part of the hobby that many people enjoy.

It amazes me how far off topic we can get when we move from the
discussion to the personal insult mode. We started out debating
if the CW test should be retained as a part of the testing, and now
we are in the 'knock DX' mode. I know what you do for fun on
internet, and but I don't know what you do on the radio, and I have
better things to do than a) worry about what it is you do or don't
do or b) knock what you do or don't do.

You don't like CW. Fine. Don't use it. You don't like DX. Fine. Don't
get on HF and work any. There are a lot of aspects of ham radio that
I think are totally rediculous and a waste of time. Like FM repeaters,
Packet, and traffic nets. But if you want to do them, be my guest. If you

enjoy doing them, it's not my job to knock them. Some hams love contests.
Some hams hate contests. Thats the good thing about the hobby,
we all don't have to be interested in the same thing. The only 'common
interests' we all must have are the abilities to pass the required tests for
the
class of license that we want. After that, we can all go our separate ways.

Hafa Adai,
Jim KH2D

Origin: Usenet:PacRim Golf Accessories (1:2619/211.9)

Origin: Gateway ARNet <-> HamNet by HB9EBW (12:320/100.666)
--
|Fidonet: Jim Kehler%1:2619/211.9 2:301/249.666
|Internet: Jim.Kehler%1:2619/211.9
|
| Standard disclaimer: The views of this user are strictly his own.

2248. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: "Jim.Kehler%1": 2619/211.9;
Message-ID: <f80_9609062046@woodybbs.com>
Source record: 217426

To: Jim Kehler%1:2619/211.9%12:320/100.666
From: pacrimgolf@kuentos.guam.net (Jim Kehler)
Subject: Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!
Organization: PacRim Golf Accessories

carl@ais.net wrote:

>Why, after I've said it about eighty times, can't you folks get it
>through your heads: I KNOW THE CODE, I PASSED A CW TEST!!!

>Carl - wa6vse
>carl@ais.net

May I ask, without getting your blood pressure up, WHICH code test
did you pass, and at what speed do you feel you are comfortable ?

Hafa Adai,
Jim KH2D

Origin: Usenet:PacRim Golf Accessories (1:2619/211.9)

Origin: Gateway ARNet <-> HamNet by HB9EBW (12:320/100.666)
--
|Fidonet: Jim Kehler%1:2619/211.9 2:301/249.666
|Internet: Jim.Kehler%1:2619/211.9
|
| Standard disclaimer: The views of this user are strictly his own.

2249. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: "Jim.Kehler%1": 2619/211.9;
Message-ID: <f81_9609062046@woodybbs.com>
Source record: 217427

To: Jim Kehler%1:2619/211.9%12:320/100.666
From: pacrimgolf@kuentos.guam.net (Jim Kehler)
Subject: Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!
Organization: PacRim Golf Accessories

carl@ais.net wrote:

>And if we're so dependent on "rice boxes" that we'll have nothing to
>operate without them and shrivel up an blow away, we're not fulfilling a
>major part of the "purpose" set out in the Rules as justification for
>our existence ... you keep forgetting (or conveniently ignoring) that
>"purpose" part ...

All part of the problem with the new breed, Carl. You've been a ham
for 20 years, right ? When you got started, how many companies were
advertising 10 METER DIPOLES for sale in QST ? When you hooked
up your first TNC, did you BUY a READY MADE cable to go to your
radio ? I doubt it. At least I sure hope not.

The 'new breed' may be more computer literate, but they sure appear to
be more soldering iron lame, if they have to BUY dipoles and TNC cables.

You best hope Icom and Kenwood and Yayhoo don't go away, because
I doubt too many nocode tech's will be building HT's from scratch.

Hafa Adai,
Jim KH2D

Origin: Usenet:PacRim Golf Accessories (1:2619/211.9)

Origin: Gateway ARNet <-> HamNet by HB9EBW (12:320/100.666)
--
|Fidonet: Jim Kehler%1:2619/211.9 2:301/249.666
|Internet: Jim.Kehler%1:2619/211.9
|
| Standard disclaimer: The views of this user are strictly his own.

2250. Indiana repeater/ATV/Packet APRS Balloon Launch

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: "Hank.Riley%1": 2619/211.9;
Message-ID: <f86_9609062046@woodybbs.com>
Source record: 217428

To: Hank Riley%1:2619/211.9%12:320/100.666
From: h1riley@umassd.edu (Hank Riley)
Subject: Indiana repeater/ATV/Packet APRS Balloon Launch
Organization: UMass Dartmouth, N. Dartmouth, MA.

CENTRAL INDIANA REPEATER/ATV/GPS PACKET BALLOON LAUNCH

Region: Central Indiana

Date/Time: Saturday, September 7 / 7:00-8:00 AM EDT,
11:00-12:00 UTC

Location: Greentown, Indiana (8 miles east
of Kokomo)

Other states where
the signals will
reach easily: Ohio, Illinois, Michigan, Kentucky

Site Coordinates: approximate for initial antenna heading;
(not for navigating to launch site)
40' 29" North Lat.
85' 58" West Long.

ATV: 439.25 MHz AM NTSC from live camera

VHF/UHF Repeater: Input - 144.30 MHz FM
Dual Output - 444.85 MHz FM
- 52.525 MHz FM

Telemetry: 446.00 MHz FM AX.25 1200 baud packet
GPS/APRS position data

HF Net: 3.869 - 3.871 Mhz SSB

Local repeater
talk-in: probably 146.91 or 147.24

---
launch data courtesy of Malcolm Mallette, WA9BVS
malletem@trader.com

Please email me news of upcoming balloon launches and post-flight
reports for distribution on the Net.

Hank Riley, N1LTV
h1riley@umassd.edu

Origin: Usenet:UMass Dartmouth, N. Dartmouth, MA. (1:2619/211.9)

```
# Origin: Gateway ARNet <-> HamNet by HB9EBW (12:320/100.666)
--
|Fidonet: Hank Riley%1:2619/211.9 2:301/249.666
|Internet: Hank.Riley%1:2619/211.9
|
| Standard disclaimer: The views of this user are strictly his own.
```

2251. Re: FCC Ruling Will Require Some Hams to File Environmental Impact R

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: "Cliff-s.%1": 2619/211.9;
Message-ID: <f87_9609062046@woodybbs.com>
Source record: 217429

To: "Cliff-s" %1:2619/211.9%12:320/100.666
From: "Cliff-s" <Cliff-s@worldnet.att.net>
Subject: Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports
Organization: AT&T WorldNet Services

> I think this assertion ignores the facts. The fact is that the FCC cited

> a substantial scientific basis for its ruling. That that basis is
> questionable merely makes it like much of the rest of science. The FCC
> itself noted that scientific opinions differ on the effects of exposure
> to EM fields. We may disagree with the science; we may try to discredit
> the science; but it is wrong to claim that the FCC ignored it.

The Professionals quoted in the report disagreed with the ruling.
I can provide paragraph and page if you like.

> 50-Watt installations will not be. But 50 Watts strikes me as a reasonable
> dividing line if you want to establish a criterion for exclusion.

The 50 watt limit came straight from Wayne Overbeck a concerned
citizen per the report). If that isn't blatant politics I don't know
what is.

>
> Now what about the meaning of this to hams? Is the ruling so burdensome?

Unless you are a Registered Professional Engineer in the state of your
residence you are not qualified to make a Environmental Survey that
will hold up in court, if you are challenged.

> I don't think we know as yet. But I've made a few field strength readings
> before. And I've prepared a few dozen environmental impact statements.
> I don't think this is going to be a big deal.
>
>
> Rich W2RG
>

It might not be possible to predict the value of Near Field intensities
in most Ham installations with enough accuracy to assure compliance
with IEEE C95.1-1992. Re-radiation and coupling within the wiring and
plumbing of a typical house would require extensive measurements,
which would have to be made for every frequency transmitted this is used.
A simple 40 Meter Dipole over the house at 25 feet would keep one busy

for quite a while making measurments. The hot spots would not be
easily predictable. Remember the standard is absolute. Don't be confused
with far field calculations, they apply only in a few UHF cases.

Cliff, W7VVA

Origin: Usenet:AT&T WorldNet Services (1:2619/211.9)

Origin: Gateway ARNet <-> HamNet by HB9EBW (12:320/100.666)
--
|Fidonet: "Cliff-s" %1:2619/211.9 2:301/249.666
|Internet: "Cliff-s".%1:2619/211.9
|
| Standard disclaimer: The views of this user are strictly his own.

2252. Re: Changes to rec.radio.* heirarchy?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: "Anthony.Severdia%1": 2619/211.9;
Message-ID: <f88_9609062046@woodybbs.com>
Source record: 217430

To: Anthony Severdia%1:2619/211.9%12:320/100.666
From: anthonys@ix.netcom.com(Anthony Severdia)
Subject: Re: Changes to rec.radio.* heirarchy?
Organization: Netcom

In <887f33d4f52newsy@tosspot.sv.com> lee@tosspot.sv.com (Lee Reynolds)
writes:
>
> Just a suggestion.....
>
>
> Things have been getting worse and worse across the groups with
>spammers, hate wars and that kind of thing. (Once my mail's filtered,
I
>usually find anywhere between 40 to 65% of any rec.radio.* group's
>traffic has gone into the round file)
>
>
> Anyone else out there interested in -
>
> A) Changing the herirarchy to a moderated one with clear rules of
> conduct
>
> B) Maybe joining the growing movement to forbid cross-posting,
period.
>
> C) Adding a few (unmoderated as exception) groups to take make sure
that
> those who need a forum still have one? I have in mind something
like -
>
> rec.radio.policy.cw
>
> rec.radio.flame
>
> - so that those of us who want to argue code versus no code and
>those who want to fight have somewhere to do it.
>
> I'd like to see this happen, I'm even willing to put some of my
limited
>recreation time into it (unless there's someone out there with a LOT
of
>time on his hands?) - anyone else have suggestions or ideas? Post to
the

>group but please, followup with direct email to me, also. If there are
>enough of us, perhaps we can get a CFV started.
>
> Thanks.
>
>
> Lee <lee@tosspot.sv.com>
>

Lee:

You give no call but do you any other credibility to call for such
action?

Don't, get me wrong, please. You do have many good ideas. I don't
think "moderated" is the way to go. This would impose a helluva time
consuming obligation on someone, unless you choose to volunteer. <g>

The recent problems have mainly to do with never ending barbs
against the ARRL, and the _never_ ending arguments of code-no-code.
The latter has no answer EXCEPT to cave-in to those who insist NO
qualifications should be necessary to blabber wherever on the air
waves, to satisfy so-called "my rights". And their own pscyche.

The better answer may be to establish a new sub-group such as
"rec.radio.amateur.politics". This would be an appropriate place to
BLABBER whatever one's feelings of AR.

There are many degrees of "amateurs". Let the _lazy_ ones,
malcontents and others get it ejaculated!

(Awaiting the flames from those identified) 73

-=Tony=- W6ANV

Origin: Usenet:Netcom (1:2619/211.9)

Origin: Gateway ARNet <-> HamNet by HB9EBW (12:320/100.666)
--
|Fidonet: Anthony Severdia%1:2619/211.9 2:301/249.666
|Internet: Anthony.Severdia%1:2619/211.9
|
| Standard disclaimer: The views of this user are strictly his own.

2253. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: armond@delphi.com%1
Message-ID: <f89_9609062046@woodybbs.com>
Source record: 217431

To: armond@delphi.com%1:2619/211.9%12:320/100.666
From: armond@delphi.com
Subject: Re: ARRL "Representation" on code and other issues
Organization: Delphi (info@delphi.com email, 800-695-4005 voice)

<carl@ais.net> writes:

>(I know this as a fact, because I was once on a first-name basis with
>the (former) Chief of the Private Radio Bureau at the FCC and he told me

Big Whoopee! You mean an engimneer that couldn't find a real job? who cares
what he thinks.

Origin: Usenet:Delphi (info@delphi.com email, 800-695-4005 vo (1:2619/211.9)

Origin: Gateway ARNet <-> HamNet by HB9EBW (12:320/100.666)
--
|Fidonet: armond@delphi.com%1:2619/211.9 2:301/249.666
|Internet: armond@delphi.com%1:2619/211.9
|
| Standard disclaimer: The views of this user are strictly his own.

2254. Re: FT-101E loading instructions ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: "Peter.Paluzzi.%1": 2619/211.9;
Message-ID: <f92_9609062046@woodybbs.com>
Source record: 217432

To: Peter Paluzzi %1:2619/211.9%12:320/100.666
From: Peter Paluzzi <paluzzi@ames.arc.nasa.gov>
Subject: Re: FT-101E loading instructions ?
Organization: Sterling Software, NASA Ames

If you contact YAESU, the will sell you the complete technical manual
with info on all of the FT-101 line. It is well worth it. If you have
access to a WWW browser, point it at:

http://www.yaesu.com

and drill down to the world wide addresses and phone numbers.

The procedure is to is to tune the preselector at reduced current (.1 a
or less) for a null and then advance to full operating current
(approximately 280 ma) to tune the loading which is usually set to 3-5
depending upon the band setting. At this current you twiddle the
loading, preselector and drive to get the best null at the target
current. I haven't tuned up mine in a while so I doing this largely
from recollection. Caveat emptor! Get the manual. By the way, keep
the time the transmitter is continuously on to 10 sec. or less until you
are satisfied with the tuning--this will save your finals!

Pete Paluzzi
N6YEO

Origin: Usenet:Sterling Software, NASA Ames (1:2619/211.9)

Origin: Gateway ARNet <-> HamNet by HB9EBW (12:320/100.666)
--
|Fidonet: Peter Paluzzi %1:2619/211.9 2:301/249.666
|Internet: Peter.Paluzzi.%1:2619/211.9
|
| Standard disclaimer: The views of this user are strictly his own.

2255. Standard C1208A

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: "Joseph.A.Scully.%1": 2619/211.9;
Message-ID: <f94_9609062046@woodybbs.com>
Source record: 217433

To: "Joseph A.Scully" %1:2619/211.9%12:320/100.666
From: "Joseph A.Scully" <jasems1@ma.ultranet.com>
Subject: Standard C1208A
Organization: UltraNet Communications, Inc.

Does anyone have any extended Rx / Tx mods, or even any mods at all for
this radio????? I have looked everywhere - -to no avail..
73's
Email me at jasems1@ma.ultranet.com

Origin: Usenet:UltraNet Communications, Inc. (1:2619/211.9)

Origin: Gateway ARNet <-> HamNet by HB9EBW (12:320/100.666)
--
|Fidonet: "Joseph A.Scully" %1:2619/211.9 2:301/249.666
|Internet: "Joseph.A.Scully".%1:2619/211.9
|
| Standard disclaimer: The views of this user are strictly his own.

2256. Re: ARRL "Representation"

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <50h6uk$b4n@jupiter.planet.net>
Source record: 217604

> carl@ais.net writes:
> In <50fa4o$4mh@jupiter.planet.net>, adell@planet.net (Steve - KF2TI) Landing, NJ writes:

> >the alternatives are many. (1) buy your QST from the local electronics store or book store
> >(2) use one of the several alternate outgoing buros that exist
> >
> >simple solutions to simple problems for simple people
> >
> >steve
>
> Steve,
>
> Roland's reply didn't merit the "simple people" remark. He simply
> confirmed that he, too, only "joined" the ARRL for QST and the QSL
> bureau service ... not with any expectation that his views would be
> "represented" to the FCC.
>
> So it's "a no-no" to politely say you're not satisfied with the ARRL?
>
> Carl - wa6vse
> carl@ais.net

sorry if you took my remarks personally. I gave Roland an alternative that is very viable for those who wish not to join the ARRL but would like to get QST and have the services of an out going buro. Anything wrong with that???

If you read something into my response that wasn't there then the reports of your having an extremely thin skin are true.

Please, feel obligated to respond to every topic and issue. I e-mail your responses to about
20 people and we all have some very good laughs.

Your name really isn't Vince is it???

2257. Re: Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <50h7gv$26ss@usenetz1.news.prodigy.com>
Source record: 217605

>
>Angus John Mcleod <amcleod@anjo.com> writes:
>
>> > 1) OLDE FAHRTZ...
>> > 2) OLDE FAHRTZ...
>> > 3) OLDE FAHRTZ...
>> > 4) OLDE FAHRTZ...
>
>Are you speaking of the olde fahrtz who went ashore at Normandy,
Guadalcanal,
>Iwo Jima, or saw 20,000 of their friends die in B-17s over Germany, so
you could
>live in freedom? Or are you speaking of the olde fahrtz who were drafted
and
>spent their winters in Korea?

No. I'm speaking of the selfish OLDE FAHRTZ who are endangering the very future of ham radio as we know it by stubbornly refusing to admit that it's now 1996 and the outdated Morse code requirements have no place in today's amateur radio service.

-Drew in Sunny Central Florida-
KF4DDM

2258. Re: Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <50h7l7$use@usenetz1.news.prodigy.com>
Source record: 217606

w9sz@prairienet.org (Zack Widup) wrote:
>
>We lost 220 MHz years ago due to inactivity on the band; let's get some
>more activity going on the higher bands. At least we'll have a cause
then.

Uh huh. Mainly because of YE OLDE FAHRTZ' refusal to support a no-code
license. Are we going to allow the same sort of thing happen AGAIN?

-Drew in Sunny Central Florida-
KF4DDM

2259. Re: Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <50h79t$25ia@usenetz1.news.prodigy.com>
Source record: 217607

kd1hz@anomaly.ideamation.com (Michael P. Deignan) wrote:
>
>Oops, forgot. You already have a VHF code-free test, and that one
>didn't work to "save our bands", huh?

If YE OLDE FAHRTZ hadn't fought against the no-code license for as long as they did, we probably could have saved 220-222Mhz.

Remember, 220 was taken away from us BEFORE the no-code Tech license was created. My guess is that the unwillingness of YE OLDE FAHRTZ and their cronies in the ARRL to support a no-code license had quite a bit to do with this.

-Drew in Sunny Central Florida-
KF4DDM

2260. Re: Code Vs No-Code. End The Cry!!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <50h70t$1nte@usenetz1.news.prodigy.com>
Source record: 217608

End the code.

Then we'll end the cry.

-Drew in Sunny Central Florida-
KF4DDM

2261. Re: 10M - 6M Transverter ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: jayk@fc.hp.com
Message-ID: <50h9pi$2pk@fcnews.fc.hp.com>
Source record: 217609

William Vaughn (billv@olympus.net) wrote:
: I am looking for either a manufacturer or plans for such a device. Any
: help would be greatly appreciated.
: Bill, KB7MRF

Down East Microwave http://downeastmicrowave.com/

Transverters in kit form or built.

73, Jay K0GU DN70mq jayk@fc.hp.com

2262. Re: Need form 610

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep3.123509.742@ke4zv.atl.ga.us>
Source record: 217610

In article <50g7b1$f0t@ratty.wolfe.net> scray@wolfenet.com (Scott Ray) writes:
>I've been out of ham radio for several years raising my family and have moved
>several times. I need to update my station address with the FCC.
>
>Can someone help me find the proper paperwork (it used to be form 610 I think)
>to submit to the FCC with my updated info?

It still is form 610. You can download a copy off the FCC website.
For now, you still have to print it out and mail it back to them,
though fully electronic filing is only a matter of time now that
digital signature technology has arrived. The site is www.fcc.gov.

If you don't have web access, the ARRL keeps paper copies of the
form on hand and will mail you one. Or you can pay W5YI $5 to mail
it for you (can you say "ripoff", I knew you could).

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2263. Re: Usenet problem

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: payne@iquest.net
Message-ID: <Dx56y7.K5y@iquest.net>
Source record: 217611

Agent wrote:
>Cecil Moore <w6rca@worldnet.att.net> wrote:
>
>
>>>adamkern <adamkern@tiac.net> wrote:
>>>>I'm having trouble with this newsgroup all of a sudden. I'm using
>>>>Netscape for my browser, and all of a sudden, whenever I say "catch up
>>>>all articles," it won't do it.
>
>>Hi Adam, this happens to me when there is an unread article
>>in the "earlier articles" or "earliest articles" categories.
>>Click on "earlier" or "earliest" articles. If there is anything
>>there, click on "catch up all articles". Works for me.
>
>>73, Cecil, W6RCA, OOTC
>
>===
>Browsers keep track of the numbers on the articles. News groups place
>the articles in numberical order.
>
>When you say CATCH UP. The only thing you ae doing is resetting your
>counter to the last number in the news group. Thus you will not be
>able load any articles prior to that number on that news group.
>
>DON'T use catch up unless you want to skip a bunch of articles and be
>ready to read only new posts.
>
>Gene
>
>K5FQ
>
>
>
>
>
YEP!!! Gene's right! This can be tricky but with a few tries, becomes natural.
I might add---ALWAYS (I repeat--ALWAYS) ALWAYS use theee--latest available
version of Netscape! The Beta version 3.0 available now lets you set more
parameters than before. Be Warned, though, The "CATCH-UP" adjustment and many
others under "preferences" can totally stop the system so adjust them carefully!!

2264. Re: Contactus Interuptus

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: payne@iquest.net
Message-ID: <Dx57zK.rq@iquest.net>
Source record: 217612
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Burt Fisher <k1oik@ccsnet.com> wrote:
> Contactus Interuptus
>
>
>You know who I am talking about. It is the ham that interrupts your
>conversation with another ham. The two of you could be in deep dialogue
>when along comes this KA1*I*. Does he have anything to add to the conversation?
>Of course not. He just butts in with some inane comment or worse COMMENTS.
>He might say "it is a nice day" or he might say "there is a hurricane and
>it can go in any direction" (something that is really earth shaking news).
>
>I bet when he was younger he always barged into his parents CLOSED bed
>room door and surprised them in the act in order to tell them the sun
>came out.
>
>Do you know who I am talking about? I am sure there are many of him.
>
>Burt

So-----WHAT THE HELL does this have to do with ANYTHING???
Yeah, people talk. AND...before we key the mike, we all know that ANYTHING
we say could be heard by others! I do hear what your saying about unwanted
people acknowledging our comments like THEY can butt in and give
Doctor Ruth Advice. People need to read more and talk less.. I'll be the first to
set an example.. 73 Don--WB5IQV

2265. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <50hdad$1ra6@usenetz1.news.prodigy.com>
Source record: 217613

>In <50a75s$739@news.Hawaii.Edu>, jherman@Hawaii.Edu (Jeffrey Herman)
writes:
>>Carl, why are you trying to bring the code debate over to .misc?
Please
>>keep it on .policy (one of the reasons for .policy's existance). Just
>>because you're a tech with no HF privileges is no reason to use .misc
>>as your platform for espousing the elimination of the code tests.
>>
>>Jeff KH2PZ
>
>
>Besides, I'm NOT a tech with no HF priveleges ... I passed a code test
>at the FCC office (5wpm) and the General written to get my tech.
>
>I've probably been licensed longer than you have (20+ years), so don't
>give me your "You're a lowly tech, I'm an Extra" crap!
>
>Carl -- wa6vse
>carl@ais.net

Hi Carl,

You gotta laugh at these stereotypical fools. They automatically assume
that anyone who is in favor of removing the CW requirement has just GOT
to be an uncouth, unworthy, lazy, etc., no-code Tech.

Are they unable to read a simple callbook/callsign server, or do they
just prefer to keep their heads in the sand and think this way because it
makes their own pro-code pleas sound more convincing to themselves?

-Drew in Sunny Central Florida-
KF4DDM
(who HAS, believe it or not, passed the code test...but realizes that it
is an outdated, unneccessary requirement, and should be done away
with in the interest of preserving the amateur radio service as we
know it)

2266. Re: rsgb g0tww:Stop the knocking

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: jacques@thecroft.demon.co.uk
Message-ID: <841759064.8428.0@thecroft.demon.co.uk>
Source record: 217614
Cross-posted to: uk.radio.amateur,rec.radio.amateur.policy,rec.radio.amateur.misc

jacques@thecroft.demon.co.uk (Jacques Hankin) wrote:

>It is the result of quasi-democratisation of an organisation, and is
>kept alive by the apathy or the

Sorry, this bit fell off the screen.
Ignore.
(Rest of message still stands!)
Jacques

Remember when sex was safe...
and rock climbing was dangerous?

2267. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep3.130540.941@ke4zv.atl.ga.us>
Source record: 217615
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <cgreenha.622.322C1705@magnus.acs.ohio-state.edu>
cgreenha@magnus.acs.ohio-state.edu (Christopher K. Greenhalgh) writes:
>In article <1996Sep1.115537.20492@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman)
writes:
>>>I would like to offer my apoligies to Rob and Dana for not entering into a new
>>>field with the absolutly best equipment money can buy on the planet.
>>>
>>>If that is their definition of "ignorance"...I am guilty.
>
>>I'd suggest ignorance is recomending using an unsuitable $500 radio
>>to do the job of a $100 data radio.
>
>And I apoligize to you, for not knowing as much on the subject as you do.
>
>> It's cheaper to do it right than
>>it is to do it wrong, and you'll cause less harm to other users of
>>the LAN in the process.
>
>Im not sure what you are reading into my post...the "best equipment money
>can buy" for 9.6k packet, does not equat into the "most expensive"...please
>read agin...that is not what I said.
>
>
>I find it interesting that a fellow ham entering new territory, attempts to do
>the best he can, with equipment advertised to do the job, is labled "ignorant"
>by his peers.

Of *course* he's ignorant, Christopher. What else could he be when
entering a new field? Everyone starting out in a new area starts out
ignorant. But ignorance can be cured, and that's what Rob and Dana were
trying to do for you, cure your ignorance and try to prevent you from
passing it on to someone else who is ignorant. Ignorance doesn't equate
to inability to learn. That's what the tag *stupidity* is reserved for.
If, after you've had it explained to you in excruciating detail why your
choice is faulty, you continue to defend the faulty choice, then *that*
is stupidity. And alas that *is* incurable, so there's no use wasting
any more effort trying.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2268. Re: Yaseu FT 470 Problems

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: randolph@asic.enet.dec.com
Message-ID: <50hhjf$8rc@mrnews.mro.dec.com>
Source record: 217616

In article <3224AC85.76E5@gunet.georgetown.edu>, Scott Johnston
<Johnstos@gunet.georgetown.edu> writes...
>I have an ngoing problem with the tuning knob to change channels. When
>turned the channels may go up (1,2,3,4) but usually start skipping
>around (1,3,7,5,4,5,6,7,3,2,1). I understand that this is a typical
>problem with this handheld. Anyone have any inexpensive solutions? Will

It's typical of all Yaesus.
We have an FT2400 that does it. A friend (with yet a different Yaesu radio)
came up with a kludgey fix that did work... break one of the sensors, so that
the knob only works in one direction.
My solution is simpler. Keep spinning the knob until it randomly lands on the
channel you want. Yaesu = junk, IMO.

==========
Tom Randolph N1OOQ NE-QRP 419 QRP-L 87 ARRL randolph@asic.enet.dec.com
==========

2269. Re: Code Vs No-Code. End The Cry!!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <50hium$mde@lehi.kuentos.guam.net>
Source record: 217617

VUBS79A@prodigy.com (Drew Durigan) wrote:

>End the code.

>Then we'll end the cry.

>-Drew in Sunny Central Florida-
> KF4DDM

No you won't. If we end the code, you'll just start crying about the written tests. You won't stop crying until you can get on the ham bands the same way you got on the 11 meter band.

Hafa Adai,
Jim KH2D

2270. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: cgreenha@magnus.acs.ohio-state.edu
Message-ID: <cgreenha.624.322C4F77@magnus.acs.ohio-state.edu>
Source record: 217618
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <1996Sep3.130540.941@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:
Hello Gary.

>Of *course* he's ignorant, Christopher. What else could he be when
>entering a new field? Everyone starting out in a new area starts out
>ignorant. But ignorance can be cured, and that's what Rob and Dana were
>trying to do for you, cure your ignorance and try to prevent you from
>passing it on to someone else who is ignorant.

The original question was "are there any rigs from the big commercial companies that will work 9.6k packet?" (not a direct quote from the poster)

I answered that a (my) tm-451a "will work 9.6k packet", so the answer was, and still is, yes. I also included the TXD in the post, as to show how efficent that rig is.

Now here are some added points...

Does the 451a work on 9.6k packet...yes.

Did I answer the original question correctly...yes.

Are there better radios than the 451a for 9.6k packet...yes.

Is it true that a 250ms TXD does not utilize 9.6k packet effectively...yes.

Did I already know all those things...yes.

This whole thread was a forum for some who wish to pick apart my every post, and move away from the original issue...which was the question that I answered correctly.

Take care Gary.

Ignorance doesn't equate
>to inability to learn. That's what the tag *stupidity* is reserved for.
>If, after you've had it explained to you in excruciating detail why your
>choice is faulty, you continue to defend the faulty choice, then *that*
>is stupidity. And alas that *is* incurable, so there's no use wasting
>any more effort trying.

>Gary
>--
>Gary Coffman KE4ZV | You make it, | Due to provider problems
>Destructive Testing Systems | we break it. | with previous uucp addresses
>534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org

>Lawrenceville, GA 30244 | |

Christopher K. Greenhalgh, N8WCT
Computer/Electronic Tech. II at The Ohio State University
E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

2271. Re: Code debate

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <50hhsd$i7l@freenet-news.carleton.ca>
Source record: 217619

Cecil Moore (cmoore@sedona.intel.com) writes:

====== snip ======
>
> Me too, but Morse code is certainly not new. Question is: Would you
> rather learn old things like how to build a vacuum tube by hand or
> new things like how to program a DSP engine?
>
> 73, Cecil, W6RCA, OOTC (not speaking for my employer)

programming DSP engines? Doesn't sound like ham either, Cecil. Although
your point is understood. CW and a simple xcvr is the basis of ham radio,
everything else is a development. Think of it as a small history course.
5WPM is sufficient, anything faster as a requirement to band privileges
is, as you say, a step backwards.

--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

2272. Re: I.P.A.R. Info (CANADA)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: ppiercey@nlnet.nf.ca
Message-ID: <50g8pm$umv@coranto.ucs.mun.ca>
Source record: 217620

In article <50eria$7gc@news.whidbey.com>, subbustr@whidbey.net (David M Schertzer) wrote:
>I'm located near Victoria, BC and need info concerning the IPAR net?
>Repeater freqs, cost, who can I write too..etc ect...I hear it's link to Nfld!
>Lot of friends on the East cost ....Thanks dave..
>Plse email direct w/ info...
>
>BTW- Yes, I'm in the USA (Canadian Navy) 2hr from the boarder.
>
>Oak Harbor, WA USA
>Ham Radio - VE7-LFA/W7
>subbustr@whidbey.net
>

Write to:

IPARN
PO Box 3156
Langley, BC
V3A 4R5

or email to:

iparn@direct.ca

==========
Paul J. Piercey VO1HE

Work stuff....

Agent - The Mutual Group

Licenced with:
Mutual Life of Canada
Mutual Investco Inc.

16 Forest Rd.
St. John's, NF Canada
A1C 2B9

Phone:(709) 576-6243
FAX :(709) 576-0941
Net :ppiercey@nlnet.nf.ca

Personal stuff...

President - Society of Newfoundland Radio Amateurs
Member - Royal Astronomical Society of Canada

VO1HE@VO1AAA.#ENF.NF.CAN.NA

"Be careful of the toes you step on today...
They may be attached to the ass
you have to kiss tomorrow."
==========

2273. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: John Nelson <johnn@pacifier.com>
Message-ID: <322C61D8.4BB8@pacifier.com>
Source record: 217621
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

> >>CW is alive, well, and thriving. In fact, the demand for QRP CW
> >>transceivers alone has almost single handedly revived the kit industry.
> >>Just open your eyes and ears and it'll become apparent.

Let's look at the big picture (reality). The ONLY place where CW is used at all anymore is the ARS. That's it. I don't call that thriving. I call that hanging on by its fingernails.

2274. Re: FT-101E loading instructions ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: Peter Paluzzi <paluzzi@ames.arc.nasa.gov>
Message-ID: <322BEB4E.3D9C@ames.arc.nasa.gov>
Source record: 217622

If you contact YAESU, the will sell you the complete technical manual with info on all of the FT-101 line. It is well worth it. If you have access to a WWW browser, point it at:

http://www.yaesu.com

and drill down to the world wide addresses and phone numbers.

The procedure is to is to tune the preselector at reduced current (.1 a or less) for a null and then advance to full operating current (approximately 280 ma) to tune the loading which is usually set to 3-5 depending upon the band setting. At this current you twiddle the loading, preselector and drive to get the best null at the target current. I haven't tuned up mine in a while so I doing this largely from recollection. Caveat emptor! Get the manual. By the way, keep the time the transmitter is continuously on to 10 sec. or less until you are satisfied with the tuning--this will save your finals!

Pete Paluzzi
N6YEO

2275. Re: Request for info on power inverter

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: bgudgel@eskimo.com
Message-ID: <Dx603B.1L3@eskimo.com>
Source record: 217623
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

William S. Baka, Jr. (bbaka@syix.com) wrote:
: > I would like to build a power inverter for mobile use. I would like
: > to be able to convert 12v DC to 120 vac at around 2500 watts output.

Several inverters already exist for probably a lot less in time, effort, and money than you're talking about, and, yes, we're talking about 250 Amps D.C. for 2500 Watts at 12 Volts. There are also 24 volt inverters that use less current. Some of them also charge the batteries at high currents from 120 VAC.

Some inverter companys are:

Trace Engineering (www.eskimo.com/~trace)

Statpower (Canadian)

Heart interface

Vanner

(more too)

Bob KI7IQ http://www.eskimo.com/~bgudgel

2276. Standard C1208A

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: "Joseph A.Scully" <jasems1@ma.ultranet.com>
Message-ID: <322C61E0.53A1@ma.ultranet.com>
Source record: 217624

Does anyone have any extended Rx / Tx mods, or even any mods at all for
this radio????? I have looked everywhere - -to no avail..
73's
Email me at jasems1@ma.ultranet.com

2277. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: Hank Oredson <hank_oredson@mentorg.com>
Message-ID: <322C71FE.6AA@mentorg.com>
Source record: 217625

Gary Coffman wrote:

> Paradoxically, however, amateurs were generally older at time of
> death than the age of the general population of Washington State
> at time of death. So while more may die of certain cancers, it
> *appears* that they do so at a more advanced age. That could be
> a mere statisical anomaly due to the fact that amateurs are on
> average older than the general population anyway (the demographic
> fact that some of us have been pointing to with alarm for some time
> now, IE the greying of amateur radio, may play an unrelated role
> here). The general population has deaths included of people of
> a much younger age than there are amateurs, IE infant and child
> mortality is included in Milham's general population, but no infants
> and few children are likely to be amateurs. This could skew the age
> curves to make it *appear* that amateurs die at a more advanced
> age.

Sounds like they didn't control for age of onset.
Major flaw.
"Everyone" will die of cancer if they don't die of something else first.

So it sounds like another result of this survey could be: Hams, who
are often exposed to RF, tend to live longer than the general population.
This interesting effect might well be caused by their RF exposure.

I've looked at many studies of low level exposure to potential disease
causes (2nd hand smoke, E fields, H fields, aromatic ring compounds,
asbestos, allergens) and found that most of them have serious flaws.
Doing the controls and the statistics for these studies is VERY tough.

2278. Single chip electronic keyer (Curtis)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: herksen@ibm.net
Message-ID: <50hnou$3pk0@news-s01.ny.us.ibm.net>
Source record: 217626

Hi there,

I'm looking for persons who are subscribed to the German CQ-DL magazine
(for hams).
In the January 1995 edition of CQ-DL, there is an article about
creating a full blown CW electronic keyer (bug) wth ONLY one (Curtis)
chip.
Title of the article is: "CW-lambic keyer mit einem Baustein"

It would be great if someone could send me a photocopy of this article.

My address:

Robbert J. van Herksen
Groenendaallaan 7
4002 AH Tiel
The Netherlands

REALLY great it would be if someone could fax it to me.
My fax number is: +31 344 622813

Maybe you are looking for some information yourself, I would be pleased
to help you in return!

Thanks a lot for your great help!!

Robbert J. van Herksen (TA2IX / PA3BKL)
please contact me via email: herksen@ibm.net

2279. Re: Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <50hooj$5p@jupiter.planet.net>
Source record: 217627

> VUBS79A@prodigy.com (Drew Durigan) writes:

> Remember, 220 was taken away from us BEFORE the no-code Tech license was
> created. My guess is that the unwillingness of YE OLDE FAHRTZ and their
> cronies in the ARRL to support a no-code license had quite a bit to do
> with this.
>
> -Drew in Sunny Central Florida-
> KF4DDM

the taking of the 220 band was politically motivated and irregardless of
amateur intervention would have happened anyway

2280. Burbank, CA a "dead" zone for VHF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: ag001@lafn.org
Message-ID: <1996Sep3.161325.7402@lafn.org>
Source record: 217628

Several friends as well as myself have had trouble working
VHF and even UHF in parts of Burbank, with repeaters being quite
difficult to hit even when fairly close by. Is there anything
about Burbank's geography which could affect radio transmission?
Much obliged.
KE6OCM
--

2281. Re: West Coast Blackout

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: jaminge@pb2esac.esac.pacbell.com
Message-ID: <50hq36$djt@gw.PacBell.COM>
Source record: 217629

In article <4v86kpeiv1@mhade.production.compuserve.com>,
Peter Coffee AC6EN <72631.113@CompuServe.COM> wrote:
>Well, I didn't make this up. My home is served by GTE in the 310
>area code. My cellular phone is an L.A. Cellular account with a 213
>number. I was unable to complete local calls on the GTE line, or to
>place calls on the cellular phone, during the ten minute period
>immediately after our power went out. After that, I was too busy
>running a local emergency net to continue checking the landline.
>
> - Peter

Since I was the one who challenged Peter's assertion about
how the phone network performed, I should now add some words
in his defense (as if he needed a defense).

I received e-mail that I was heavy-handed in my posting.
That may be true. If so, I apologize to Peter and to all.
I have no doubt that he posted about his actual experience, and
not just the "conventional wisdom" of phone systems failing in
emergencies. I was gratified that his experience was not the
most typical one, apparently, as other posters said they had
no problems.

The main thing that takes phone systems "off the air" is all
those folks who grab the phone to ask aunt Nelly "Did you feel
the earthquake?". It wouldn't be so bad if the exchange were
simply "Is everything alright over there? Thank goodness, you
are OK. We should hang up now, so the real emergency calls can
get through. Bye." Not likely, eh. It's human nature to want
to tell everything and have the comfort of a familiar voice
after a big shaker. We need to resist that urge.

How about the newscasters who gauge the severity of a quake
by telling us how many calls the police department received.
The implied message is that we ought to call the police any
time we think we felt a quake. Really logical!

Again, I'm sorry if I stirred things up for you, Peter.

-John Minger, AC6VV
<jaminge@pacbell.com>

2282. Re: Single chip electronic keyer (Curtis)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: tkell@nyx.net
Message-ID: <tkell-0309961240120001@toad.jsc.nasa.gov>
Source record: 217630

You might not want to get your hopes up on this chip. The word is that it
is nolonger in production.

Ted
In article <50hnou$3pk0@news-s01.ny.us.ibm.net>, herksen@ibm.net (Robbert
J. van Herksen) wrote:

> Hi there,
>
> I'm looking for persons who are subscribed to the German CQ-DL magazine
> (for hams).
> In the January 1995 edition of CQ-DL, there is an article about
> creating a full blown CW electronic keyer (bug) wth ONLY one (Curtis)
> chip.
> Title of the article is: "CW-lambic keyer mit einem Baustein"
>
> It would be great if someone could send me a photocopy of this article.
>
> My address:
>
> Robbert J. van Herksen
> Groenendaallaan 7
> 4002 AH Tiel
> The Netherlands
>
> REALLY great it would be if someone could fax it to me.
> My fax number is: +31 344 622813
>
> Maybe you are looking for some information yourself, I would be pleased
> to help you in return!
>
> Thanks a lot for your great help!!
>
> Robbert J. van Herksen (TA2IX / PA3BKL)
> please contact me via email: herksen@ibm.net

2283. mods to HTs for extended receive

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: "Zachary D. Bergen" <aa0fm@csn.net>
Message-ID: <Pine.OSF.3.92.960903112640.5902A-100000@diamond.berdy.com>
Source record: 217631

I seem to recall that there is an FAQ or some place where I can find key sequences to extend the receive range for most popular HTs with this ability. I would appreciate a pointer. I did the mod to my W2A, but have forgotten what it was I did. My brother wants to do the same with his Kenwood. Thanks.

#==#
| Zach Bergen, AA0FM I AM email: zbergen@csn.net |
| Berdy Medical Systems CC "Speech Processing Experts"|
| Boulder, CO PB 303 417 1603 |
#==#

2284. Re: 3.88 MHz sounded like CB tonight. Yuck

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <50hr6h$j28@usenetz1.news.prodigy.com>
Source record: 217632

wa2ise@netcom.com (Robert Casey) wrote:
>
>In article <50b3a9$67h@reaper.uunet.ca> frenchy@travel-net.com writes:
>>billhar@spaceworks.com (bill harris) wrote:
>>
>>>>First time in a while, I was tuning around the 80 meter band with an
>>>>old general coverage SW receiver, and heard some people arguing and
>>>>insulting and idle threats being tossed about. Even someone played
>>>>music for a minute or so. Had to check that I had tuned 3.88 MHz
>>>>instead of 27.something it was so bad.
>>>
>Wow! I posted this about a year ago.

Uh huh. A problem that just keeps getting worse. And imagine...ALL of
the operators on 3.88Mhz are General Class or above. That's right...
they've all passed at least a 13WPM code test.

So much for YE OLDE FAHRTZ argument of Morse being a "lid-filter" and
that it "keeps the riff-raff out."

-Drew in Sunny Central Florida-
KF4DDM

2285. Ham mailing lists ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: bat@gateway.grumman.com
Message-ID: <50hs91$fib@gateway.grumman.com>
Source record: 217633

I want to compile a list of Ham related reflectors and mailing
lists. I already have the DX and linux-ham ones. I need pointers
to VHF, contesting, CW, etc. If you know of any, please email
me their subscription info.
If anybody would like to see what I come up with, let me know.
-pat

--
* Pat Masterson B38-01, Northrop Grumman, * Ham:KE2LJ
* Plant 1, South Oyster Bay Rd., * Packet: KE2LJ@KC2FD.NY
* Bethpage, NY 11714 * President Grumman Amateur
* email: bat@grumman.com Fone: 516-346-6316 * Radio Club WA2LQO

2286. Re: RSGB and other groups

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: Geoff Brown <equinox@itl.net>
Message-ID: <50htob$2h4@hades.itl.net>
Source record: 217634
Cross-posted to: uk.radio.amateur,rec.radio.amateur.policy,rec.radio.amateur.misc

I am surprised at your comments about the RSGB, however, I see that you haven't been licensed very long so you will not have seen all the past work the RSGB has done.
Over the 25 years that I have been a member I must say that things have changed (for the better).
A great deal of work has been put in to extending many of the licensing regulations.
I think if you had have been round many years ago that you would understand what I mean.
BTW. I don't mean the RSGB is squeaky clean, they may well have to revise certain things in the future to maintain membership.
Geoff GJ4ICD

2287. Re: 1,000,000 qsl cards thrown away per year

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: Lawrence <lawrence@itl.net>
Message-ID: <322CE1D9.476D@itl.net>
Source record: 217635
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Doug Wittich wrote:
>
> >the bureau. I told him that I do not collect, or reply to, QSLs and that
> >I did not have any envelopes with the bureau. He then said that as he had
> >written it he would send it anyway!
>
> >Perhaps the time has come to abandon certificates such as DXCC.
>
> It is a sad state of affairs when people want to abandon one of the
> hallmarks of the hobby.

Everyone has different definitions of the hallmarks. Some say QSLs,
some say CW, some say experimentation which is my interest. If you
assume that everyone must share your particular enthusiasm then you
will be dissapointed.

> Please, remember the enthusiasm with which you embraced your first
> contacts, and think that I may be feeling that should we ever meet on
> 7111 khz or someplace close to that.

My first QSOs were on 432 MHz AM back in 1962 with homebrew gear. Every
QSO seemed a great achievement then. Unfortuneately you will not find me
on 7.111 MHz as, in Europe, we only have 7.0 to 7.1 MHz although it did
go up to 7.15 MHz in my SWL days. If you use SSB on 18 MHz then you
should find me there when conditions improve.

> You see, those written confirmations mean much to me, as every single
> contact there is a great deal of work for me.
>
> Doug N3VEJ/127
> Baltimore MD USA

73, Lawrence GJ3RAX

2288. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep3.181311.1946@ke4zv.atl.ga.us>
Source record: 217636
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <322B9889.269F@rocler.qc.ca> burt@rocler.qc.ca writes:
>
>Gary, they (the ARRL) have been advised of their omission in testing for
>time delays and so far they have not responded. At the ARRL Digital
>Ccommunications Conference last year in Texas, my DRSTM (Data Radio
>Standard Test Methods) project was presented as a paper. Jon Bloom from
>the ARRL Labs was in the audience and during the discussion following
>the presentation stated that he thought that the tests reported in QST
>did include timing tests. A few days later he contacted the presenter
>and confirmed that there had not been any such tests conducted. They
>expressed good interest in the DRSTM project. A complete copy of the
>final proposed test procedure document was forwarded to them in Jan of
>this year. So far no comments or even acknowledgement of receipt has
>been forthcoming. A follow up message has also not elicited any
>response. It makes one think that they are not really interested.

Well, I was leafing through the May QST in the "reading room"
a while ago and noticed that they *were* including T/R time
measurements in their radio reviews (the 2m HT "shootout").
Looks like they may have been paying attention after all. No
BER numbers in this article though, but I suppose they assumed
we wouldn't try to use a 2m HT for 9600 baud. (I wouldn't.)

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2289. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: agray@voicenet.com
Message-ID: <322C8342.1AE1@voicenet.com>
Source record: 217637
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

carl@ais.net wrote:
>
> In <322B9573.5FA2@voicenet.com>, agray@voicenet.com writes:
> >
> >Now if we could only find a gadget that could help you overcome your
> >code handicap...er challenge :)
>
> Why, after I've said it about eighty times, can't you folks get it
> through your heads: I KNOW THE CODE, I PASSED A CW TEST!!!
>
> Carl - wa6vse
> carl@ais.net

Now, now Carl. Passing the code test 20 years ago and "knowing" the
code are two different things.

2290. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: agray@voicenet.com
Message-ID: <322C82A1.22F2@voicenet.com>
Source record: 217638
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

carl@ais.net wrote:
>
> > And if we're so dependent on "rice boxes" that we'll have nothing to
> operate without them and shrivel up an blow away, we're not fulfilling a
> major part of the "purpose" set out in the Rules as justification for
> our existence ... you keep forgetting (or conveniently ignoring) that
> "purpose" part ...
>
>
>
> Carl - wa6vse
> carl@ais.net

Now you're beginning to get it Carl.

The majority of amateurs are not building their own gear today (a readliy ascertainable fact from just looking around and listening on the bands). There is very little chance that this will change in the future as the gear gets ever more complex. Do you need anyone to tell you why its so hard to get parts to build anymore? That's right, because the overwhelming majority of hams don't really want to build their own gear.

It would follow then that without the manufacturers to supply new gear, it's going to be pretty hard to grow amateur radio to the non-building majority [you think its hard to sell cw to prospective licensees, tell them they have to build their own gear before they can get on the air- this isn't the 1930's, you know...)

And it doesn't matter whether its K-wood, Icom or whoever that's doing the manufacturing. [The arrogance of anyone who thinks he can "save" ham radio if we'll only follow his prescription is whole other topic- right along with whether we are meeting the mandate of Part 97 concernig our role in advancing the art]

Once we reduce the difficulty of getting into ham radio- via lesser tchnical exams or removal of the code, your choice- the increased number of new hams that will show up won't want to wait around for a 21st century Heahtkit to supply them with something to build before they can get on the air.

Rather than focus on eliminating the cw requirement alone, why don't you trot out the idea that the newcomers to the hobby all ought to build their rigs before they are allowed to get on the air- bet that will make you a real popular fellow.

2291. Re: HELP: Antenna Tuner Design Needed

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: rickets@earthlink.com
Message-ID: <50hshf$gos@ecuador.earthlink.net>
Source record: 217639
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.radio.cb,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Michael Neidich <neidich@hooked.net> wrote:

>Need a schematic/parts list to build a receiving antenna
>tuner/preselector 10-25 MHz, mostly to reject interfering out of band
>signals. Point me in the right direction if there is a good commercial
>unit, please.
>Mike
MFJ-956 is $39.99. One year unconditional money back warranty. Comes
with a schematic. By the time you add up the cost of the box, the
knobs, the switch, the fixed inductors, the variable capacitor, and
the 2 ea. SO-239 connectors, you may decide to keep it.
dr
Dave Rickmers I'd wake up and
rickets@earthlink.com there'd be nothing...

2292. FS: ACARS decoder

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: Tom Montgomery <monty55@ix.netcom.com>
Message-ID: <322C92A4.2B06@ix.netcom.com>
Source record: 217640

I have for sale an unregistered AEA ACARS decoder, program (3.5 floppy),
and instruction book. It was 100.00 new, will sell for $65.00.
COD...you pay shipping.(very light) All you need is the radio and
computer !

monty55@ix.netcom.com

2293. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDx69Kt.ILK@netcom.com>
Source record: 217641

Jim Kehler (pacrimgolf@kuentos.guam.net) wrote:

: You have to realize that now that we all use this wonderful medium called
: Internet, Packet and Clover are probably on the way out, not on the way in.
: Packet was at one time an almost viable means of spreading information
: amoungst the ham community, but it's OBSOLETE now that the internet
: is here. It was fun to screw around with, but it's not worth the trouble any
: more - too slow, too unreliable.

Thanks, Jim...finally someone who agrees with my point. I'll have to pass this around at our local ham club, if you don't mind. Many there seem to think that packet (VHF, mainly) IS all there is to ham radio. Running anything at less than 14.4 kbps these days has to be some form of masochism.

73 de Jim - KF6CR

2294. 75m lids

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: oo7@astro.as.utexas.edu
Message-ID: <50i4rm$b77@geraldo.cc.utexas.edu>
Source record: 217642

>Uh huh. A problem that just keeps getting worse. And imagine...ALL of
>the operators on 3.88Mhz are General Class or above. That's right...
>they've all passed at least a 13WPM code test.

>So much for YE OLDE FAHRTZ argument of Morse being a "lid-filter" and
>that it "keeps the riff-raff out."

> KF4DDM

Wow, I only heard that response about 100000000000 times before.
What it really tells you is that even people with single-digit
IQs can pass a CW test, which should be encouraging.

There seem to be a lot of people around with rather poor logic
skills - the fact that you run into some lousy drivers tells us
that the driving test is not necessary?

Perhaps for every lid you hear on 75m there are a million more
who would be there except for their inability to pass a CW test.
This is just as logical a conclusion and would suggest that the
CW test is doing a good job.

What you need to do if you don't like this stuff is turn the big
knob in the middle of the radio until the big numbers say something
like 3520, put the "CW" switch on, and there you will indeed find
people who have passed a CW test andd actually use CW. It's very
hard to belch on CW.

I haven't listened to 75m in years apart from an occasional contest,
and I'm having fun. And to those who say "CW should be allowed, just
not tested for" I say that it was only because I had to learn it in
the first place that I discovered how pleasant it is - otherwise it's
like deciding that you don't like a particular type of vegetable when
you haven't actually tasted it. And veggies are good for you, right?

Derek Wills (AA5BT, G3NMX)
oo7@astro.as.utexas.edu

2295. Re: Code debate

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: Jim Cummings <jcumming@clark.dgim.doc.ca>
Message-ID: <322CBC08.468B@clark.dgim.doc.ca>
Source record: 217643

Michael P. Deignan wrote:
>
> In article <509vba$r48@news.ais.net>, <carl@ais.net> wrote:
>
> [erects a straw-man about a CW test for engineering in his company,
> and then knocks it down]
>
> >Just as the CW test is not relevant to my company's employment criteria,
> >it has become irrelevant as a requirement for a ham license.
>
> In some respects, you are correct. A CW test has become irrelevant in
> some aspects of amateur radio.
>
> So, 5 years ago we eliminated the CW test for access to 99% of all
> amateur spectrum. Spectrum which, I might add, is under constant
> threat of reallocation and is where new technical innovation in the
> amateur radio service will take place.
>
> On the other hand, CW still remains a valid, relevant portion of
> other parts of amateur radio. 48% of all amateurs with access to HF
> use CW. CW consistantly is a popular mode used by foreign DX stations.

Then testing is no longer needed in order to operate on the HF
frequencies. Since it is so popular, amateurs should be flocking to it.
Thus government coertion is no longer required.

But we all know the great and terrible secret about the abolition of
Morse code testing. Once Morse code testing is abolished, it will have
to continue to survive on its own merits. Since most newly licenced
amateurs will not bother, Morse code will become an interest of only a
few amateurs, like the use of Double Sideband Transmitted Carrier
Amplitude modulation.

> A goal of the amateur radio service is to promote international
> goodwill; thus a code examination helps ensure that people will be able
> to communicate with these foreign stations.

Again, Deignan applies a US policy objective incorrectly. For one thing,
knowledge CW does not foster goodwill. That is logically false because
it assumes that it unless the amateur knows Morse code, then the
international goodwill component of amateur communications is frustrated.
In contradiction to that notion, international goodwill can be fostered
by any other mode in use by amateurs. Moreover, we just have to observe
the shenanigans of some of the phone band operators and we can appreciate
the weakness of the argument that knowledge of CW fosters goodwill,

international or otherwise.

Another reason Deignan's notion is unnacceptable because it attempts to overlay a domestic policy objective, i.e. fostering goodwill, in such a manner that it is seemingly a mandatory requirement. Moreover, it further attempts to render a domestic requirement into a international sphere.

> US amateurs are somewhat
> stuck up, and often forget that foreign hams are not always technically
> on par with the equipment that is available here.
>

Ain't it the truth. They even have the gall to assume that what is a desirable non-mandatory policy objective in the US and then try to apply it as a international obligation. I think the describing some US amateur as being "stuck up" is being kind.

> MD
> --
> --
> -- "I have more guns than I need, and less guns than I want." -- Phil Graam
> --
> -- If you don't like my opinions, that's just too damn bad.

73 and live better digitally
Jim, VE3XJ

2296. Re: Changes to rec.radio.* heirarchy?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDx6AEF.Jq1@netcom.com>
Source record: 217644

Lee Reynolds (lee@tosspot.sv.com) wrote:
: Just a suggestion.....

: Things have been getting worse and worse across the groups with
: spammers, hate wars and that kind of thing. (Once my mail's filtered, I
: usually find anywhere between 40 to 65% of any rec.radio.* group's
: traffic has gone into the round file)

This is happening on all of the newsgroups I read, not just those in the rec.radio.amateur.* hierarchy.

: Anyone else out there interested in -

: A) Changing the herirarchy to a moderated one with clear rules of
: conduct

Definitely not. Every time the S/N goes down in any group, the first thing someone comes up with is moderation. We don't have moderators on the ham bands; why have them here? What's so hard about just ignoring what you aren't interested in?

Moderation may solve the problem at hand, but it introduces new problems, and creates many more hard feelings. Who's crazy enough to want to be the moderator? And what happens if the moderator doesn't work out? It's nearly impossible to unseat a moderator.

: B) Maybe joining the growing movement to forbid cross-posting, period.

Huh???

: C) Adding a few (unmoderated as exception) groups to take make sure that
: those who need a forum still have one? I have in mind something like -
:
: rec.radio.policy.cw

: rec.radio.flame

: - so that those of us who want to argue code versus no code and
: those who want to fight have somewhere to do it.

We already have such a forum. Code/no-code debates belong in *.policy.

73 de Jim - KF6CR

2297. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <50i5ur$166@anomaly.ideamation.com>
Source record: 217645
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <322C61D8.4BB8@pacifier.com>,
John Nelson <johnn@pacifier.com> wrote:

>Let's look at the big picture (reality). The ONLY place where CW is used at
>all anymore is the ARS. That's it. I don't call that thriving. I call that
>hanging on by its fingernails.

So we should base what the ARS does on what happens in other services?

Should area gun owners all get automatic weapons now because the local
police are?

MD
--
--
-- "I have more guns than I need, and less guns than I want." -- Phil Graam
--
-- If you don't like my opinions, that's just too damn bad.

2298. Re: Need form 610

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: stoddard@aztec.asu.edu
Message-ID: <50i6lt$on8@news.asu.edu>
Source record: 217646

Re: FCC forms

If you do not have web access (or, access for downloading that file
with the 610 form) you can ring the FCC's forms distribution centre on:

1 800 418-3676
(FORM)

You will need to navigate a menu with the push button phone, and then
you reach a spot where you leave your name, address, and form or forms
you need. I am in Arizona, and I get forms from the centre in Maryland
in 2 or 3 days, most of the time.

If you download the forms, remember to photocopy the front and back onto
a single sheet of paper. You are not required to use the same type of
beige paper FCC previously used on the 610 forms. This is also due to
the fact there is a fax-on-demand service (the number escapes me now)
to get forms sent immediately to your fax machine. One of the following
toll-free numbers may have info on that:

1 800 322-1117
1 888 322-8255 (this is the new number for the FCC's Gettysburg phone
centre, per a press release a couple of months ago)

--
Patrick E. Stoddard Internet: stoddard@aztec.asu.edu
Glendale, Arizona, USA AX.25: WD9EWK@KC7Y.AZ.USA.NOAM
Facsimile: +1 602 894-6316
ICBM: 33.3 N 112.0 W (close enough)

2299. Re: Code Vs No-Code. End The Cry!!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <50i767$sk4@usenetz1.news.prodigy.com>
Source record: 217647

pacrimgolf@kuentos.guam.net (Jim Kehler) wrote:
>
>VUBS79A@prodigy.com (Drew Durigan) wrote:
>
>>End the code.
>
>>Then we'll end the cry.
>
>>-Drew in Sunny Central Florida-
>> KF4DDM
>
>No you won't. If we end the code, you'll just start crying about the
written
>tests. You won't stop crying until you can get on the ham bands the
same
>way you got on the 11 meter band.
>
>Hafa Adai,
>Jim KH2D

And just how is that, Jim?

If you'll put your adamant pro-coder stereotypes ("anybody who is in favor of eliminating the Morse requirement MUST be a no-coder or a CB'er/ham radio wannabe") aside for a moment and bother to check your callbook/callsign server, you will see that I have successfully passed examinations in both theory and Morse code as applicable to obtaining an amateur radio license.

-Drew in Sunny Central Florida-
KF4DDM

2300. Re: Burt talks to God.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <50hrsc$m0t@freenet-news.carleton.ca>
Source record: 217648

Frank Sved (dg198@FreeNet.Carleton.CA) writes:
> Burt Fisher (k1oik@ccsnet.com) writes:
>>
>> Then tell me why just yeaterday one of my female students who would
>> rather die than do something nice for a teacher have me a warm hug to
>> thank me
>> for how I changed her life?
>
You're the typical picture of Edwin Drood. Your portrait shows its
scars here on usenet, whilst a philathropic life is lead elsewhere.
>
>>
>>
>>
>>> If anyone in this newsgroup is harbouring repressed feelings from a fallen
>>> relationship, Burt, it is you. And for that I empathize and realize that
>>> you are projecting your own insecurities and identifying hams as an alterego.
>>
>> Are you a flaming asshole or do you just play one on the internet?

No I don't eat Mexican. That is what you said, isn't it? Hic.

A/V teachers don't do anything for others that doesn't benefit themselves
FIRST.
--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

2301. Re: Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <50hsan$m77@freenet-news.carleton.ca>
Source record: 217649

please read below all Drew's comments that had merit.

====== snip ======

--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

2302. Re: IARU/FCC QSO Regulations (was: Who Do You Hear on HF?)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <50i8qd$qdh@lehi.kuentos.guam.net>
Source record: 217650

carl@ais.net wrote:

>In Drew's defense, I don't think he intended to say that folks can't
>talk about what they want if it's not of interest to him or others, but

Now that just what Spew needs. A daddy. Somebody that can
explain what he said. Gee, Carl, now if you could only teach him
to read, then maybe HE would understand what he said, after
you explain it to him.

I think somewhere else you wrote:

"My point in <509rro$r48@news.ais.net> was that it's most frequently the "keep
the code folks" who START the personal attacks."

I guess you forgot about your little boy, Spew, huh ?

Hafa Adai,
Jim KH2D

2303. Re: Burt talks to God.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <50ht9d$mi9@freenet-news.carleton.ca>
Source record: 217651

```
>
>
>> I fail to see how teaching her A/V skills "changed her life", unless you
>> taught her how to use her VCR.
>
> She is a videographer and on air talent. She recently did an interview
> at the ABC affilate in Boston. Being a Barbra Walters or Diane Sawyer,
> that
> is nothing compared to being a GLORIOUS HAM RADIO OPERATOR, right?
>
>
>
>> Why don't you teach a more worthwhile subject that would benefit society?
>
> I did (ham radio) but no one was interested.

WHAT COULD POSSIBLY MAKE YOU BELIEVE THAT ANYONE HERE ON THIS USEGROUP
IS INTERESTED IN WHAT YOU HAVE TO SAY ABOUT HAMS?

>
>
>
> --
> #===============#=================================================#
> | Burt Fisher | Teacher of video, broadcasting and electronics |
> | Amateur call | South Dennis, Ma. (Cape Cod) |
> | K1OIK | The less you say, the more people will remember |
> #===============#=================================================#
> | k1oik@ccsnet.com |
> #=================================================================#
>
> http://www.qrz.com/cgi-bin/qrz_gifs?k1oik.gif

--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca
```

2304. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: Joe Camel <joe@megahard>
Message-ID: <01bb99e0$1a4564a0$204d4486@ghost.iupui.edu>
Source record: 217652

> Besides, I'm NOT a tech with no HF priveleges ... I passed a code test
> at the FCC office (5wpm) and the General written to get my tech.
> I've probably been licensed longer than you have (20+ years), so don't
> give me your "You're a lowly tech, I'm an Extra" crap!
> Carl -- wa6vse
> carl@ais.net

Carl is turning 46 this fall. His current tech license was issued last
May.
This is public information available from the QRZ Call Book.

Perhaps he's been renewing his tech license for 20+ years...

5WPM code and a General written (that is some 30 multiple choice,
Mickey Mouse questions, and you can miss 8, even though the entire
question pool is fixed and available) ...
Has anyone ever flunked that test?

Joseph Average Camel

2305. Re: Indiana repeater/ATV/Packet APRS Balloon Launch

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: darwin@indy.net
Message-ID: <50i90v$q65@news.indy.net>
Source record: 217653
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.space

In article <50gbe3$90f@gatekeeper.umassd.edu>,
h1riley@umassd.edu (Hank Riley) wrote:
> CENTRAL INDIANA REPEATER/ATV/GPS PACKET BALLOON LAUNCH
>
>
> Region: Central Indiana
>
> Date/Time: Saturday, September 7 / 7:00-8:00 AM EDT,
> 11:00-12:00 UTC
>
> Location: Greentown, Indiana (8 miles east
> of Kokomo)
>
> Other states where
> the signals will
> reach easily: Ohio, Illinois, Michigan, Kentucky
>
> Site Coordinates: approximate for initial antenna heading;
> (not for navigating to launch site)
> 40' 29" North Lat.
> 85' 58" West Long.
>
> ATV: 439.25 MHz AM NTSC from live camera
>
ease email me news of upcoming balloon launches and post-flight
>reports for distribution on the Net.
>
>Hank Riley, N1LTV
>h1riley@umassd.edu

Could you please tell me how to receive the video? Is it a TV-UHF frequency? I
have an old Rabbit receiver, but don't know what frequency it's on....

2306. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: carl@ais.net
Message-ID: <50fvh1$4kq@news.ais.net>
Source record: 217724
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <50fnpc$327@anomaly.ideamation.com>, kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:
>
>You must be fun at a party with your mind-reading parlor tricks. I
>must have missed the letters "CW" anywhere in Steve's statement.
>

What is this the "CW forever 'tag-team'"???

Give me a break ... you know damned well that we're talking about the CW haves vs. want-nots here. Of course he was implying (as do most pro-coders) that "If you don't do/love CW, you're not a 'real' ham, you're incompetent, etc."

>
>>At least I can spell "incompetent" ... and I believe you meant "...
>>no more clout ..." not "... now more clout ..."
>
>Yes, but you can't spell ridiculous. The second letter is not 'e', it
>is an 'i'.
>
OK, I returned a shot ... and see my post (I forget to who) where I admit to having a spell checker but say I don't use it in this editor, and admit that I, too, make occasional typos ...

Carl - wa6vse
carl@ais.net

2307. Re: 1,000,000 qsl cards thrown away per year

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: dwittich@concentric.net
Message-ID: <50fvup$4dq@herald.concentric.net>
Source record: 217725
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

>the bureau. I told him that I do not collect, or reply to, QSLs and that
>I did not have any envelopes with the bureau. He then said that as he had
>written it he would send it anyway!

>Perhaps the time has come to abandon certificates such as DXCC.

It is a sad state of affairs when people want to abandon one of the
hallmarks of the hobby.

Please, remember the enthusiasm with which you embraced your first
contacts, and think that I may be feeling that should we ever meet on
7111 khz or someplace close to that.

You see, those written confirmations mean much to me, as every single
contact there is a great deal of work for me.

Doug N3VEJ/127
Baltimore MD USA

2308. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: carl@ais.net
Message-ID: <50fsp6$4kq@news.ais.net>
Source record: 217726

In <50fh0j$58p@jupiter.planet.net>, adell@planet.net (Steve - KF2TI) Landing, NJ writes:
>> carl@ais.net writes:
>>
>> I'd be happy to pay for the printing and postage costs involved in *my*
>> copy ... would you?
>>
>> Hell, I'd finance a hundred copies at a dollar a piece.
>
>nope....quick happy with the status quo thank you very much and I'd rather save my $100
for
>doing something that I would find enjoyable
>
I think you meant "quite" happy not "quick" happy ...
So you're not willing to "put your money where your mouth is" and help
finance a more meaningful survey??? I suspect you're probably convinced
you'd not like the outcome. (i.e., the fall of the status quo that you
apparently love so much.

>> It'd be worth it to have a shot at getting the FCC to realize that the
>> ARRL does NOT represent the majority of US hams ... the ARRL represents
>> the ARRL cronies, plain and simple.
>
>I've read this several times from you. Care to back up this statement with ANY conclusive
>evidence??
>

The fact that groups like TAPR, AMSAT, and others, along with quite a
few individuals had to beat the ARRL at its own lobbying game to get the
code-free tech is proof enough to any rational person. The ARRL has its
own agenda, and it doesn't agree with the views of the majority of US
hams. (and it clearly conflicts with the desire of most wannabes who
decide to stay away rather than subject themselves to the hazing ritual
of CW testing.)

>> (Carl wrote)
>>>>My view is that the public interest would best be served by a vital,
>>>>growing, technically-progressive amateur radio service, not a bunch of
>>>>increasingly senile old-timers whose primary interest is in protecting
>>>>"their" bands from newcomers and new modes that they can't comprehend.
>>>>
>
>Well old timer, what makes you think they can't comprehend?

Stupid questions like "Seen any Clover pileups lately?" and dozens more
that show complete ignorance of the new technology that's available and

the inability/unwillingness to understand its benefits/value, and how
the future of ham radio depends on progress, not stagnation.

>
>just curious, why does this hobby have to satisfy the public interest??? I can't
>think of too many that do... Stamp collecting, RC cars/plaines/boats, raising dogs/cats/
>etc yada yada yada
>

BECAUSE THAT'S WHAT THE RULES SAY ... it's the reason we have access to
many MHz of extremely valuable spectrum ... and it's the reason that
most of the drivvel that goes on on the HF bands today doesn't "cut it"
as an excuse for maintaining those allocations ... i.e. the reason we'll
lose them in the future if we don't change and increase our value to
society ... it's the Amateur Radio SERVICE (not the Amateur Radio
Hobby, as you mistakenly think) ... that's the legal definition that
justifies our very existence ... read the RULES and wake up!

Carl - wa6vse
carl@ais.net

2309. Net on 14.345 @ ~2130Z?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: n4jvp@ix.netcom.com
Message-ID: <322b851c.3363774@nntp.netcruiser>
Source record: 217727

I am curious, is there a net that meets on 14345 kHz around
2130Z? If you wish to know why I am curious please respond via
E-mail.

tks es 73 de n4jvp
Fritz

2310. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: carl@ais.net
Message-ID: <50fte2$4kq@news.ais.net>
Source record: 217728
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <322B4450.53FB@voicenet.com>, agray@voicenet.com writes:

>No, just the product of a good spell checker and lots of spare time (you
>know, not wasting time actually being on the air <grin>

Actually, though I have a spell checker, I only use it when I'm writing
a formal document in the word processor application ... not when I'm
banging out posts or e-mail in the newsreader or mailer ... both of
which use the EPM editor as their default editor, because I've to a PGP
shell patched into EPM.
(so, to be honest, I screw up a word or make a typo from time to time,
too in this mode)

Carl - wa6vse
carl@ais.net

2311. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: carl@ais.net
Message-ID: <50ft77$4kq@news.ais.net>
Source record: 217729
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <322AF7C3.607D@voicenet.com>, agray@voicenet.com writes:
>
>You can try to convince us that the public service aspects of amateur
>radio will keep the service alive but most of us already know better.
>
>If we, as a group, don't spend enough on new equipment and related
>materials to keep the ham manufacturers alive and well, the amateur
>service will die off quickly. That's a big part of the problem we're
>seeing right now. A growing number of amateur manufacturers are in
>financial trouble; more and more amateur dealers are gone or on the way
>out of business- all symptoms of the current poor health of amateur
>radio.

WHAT????????????? Are you TOTALLY nuts????

Since when did:

(Amateur Radio) = (Icom .or. Yaesu .or. Kenwood .or. (whoever)) ????

Amateur radio has NOTHING to do with any of those companies or their survival ... they could all go belly-up tonight at midnight and amateur radio would survive (not that their respective egos would accept that premise ... I'm sure they all think they're the "be-all and end-all" of ham radio an we couldn't survive without their blessings being bestowed upon us.

You apparently never built anything, right? It would do you a world of good to learn how (as it would to most of the brass-pounding appliance operators out there ...)

Carl - wa6vse
carl@ais.net

2312. 6 meter antenna questions

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: John Kirby <jkirby@mcs.net>
Message-ID: <50g2tb$a1l@Nntp1.mcs.net>
Source record: 217730

I just picked up an old Saturn 6 halo, does anyone have any
information on this antenna, old manual or the like?

Also I plan to make a copper J pole antenna for 6 meters, I know that
the diameter of the pipe effects the feed points, I plan on making it out
of 1 inch or better tubing. Does anyone have the formula for the spacing
and attachment points? Thanks KB9NLY

John Kirby jkirby@mcs.net
St. Charles, IL _____________________
60174 A CITIZEN IN THE STATE OF YARAK

2313. Re: IARU/FCC QSO Regulations (was: Who Do You Hear on HF?)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: carl@ais.net
Message-ID: <50fue0$4kq@news.ais.net>
Source record: 217731

In <50ev3t$3td@jupiter.planet.net>, adell@planet.net (Steve - KF2TI) Landing, NJ writes:
>actually you left off the part about listening in with no radio or
>copying the mail with no radio and a complete inability to copy code
>
>and BTW YES you are (according to the mntal wizards who frequent the internet)
>
>steve
>
Steve,

Read my reply to Fritz ... it's not age or number of years licensed that
makes an "olde farte" ... it's attitude, and yours is "doozie."

Carl - wa6vse
carl@ais.net

2314. Re: IARU/FCC QSO Regulations (was: Who Do You Hear on HF?)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: carl@ais.net
Message-ID: <50fu94$4kq@news.ais.net>
Source record: 217732

In <322ae6e9.1227568@nntp.netcruiser>, n4jvp@ix.netcom.com (A.G. von Luternow) writes:
>Hi y'all
> To my knowledge there is no requirement that a conversion
>between two parties has to be of interest to a third party. If two
>people want to discuss the weather, medical problems, winsock
>programming or whatever, what is wrong with that as long as both
>parties consider the subject of interest? I was unaware that the QSO
>had to be of interest to anyone who might be copying the mail. If this
>is the case would someone kindly inform me where I can find a listing
>of topics that are of interest to ALL even though they are not
>actively involved in the conversation?

Obviously, there is no such requirement (you can talk about just about anything you want (except business, third party traffic to countries without the proper agreements, and a few other things).

I believe you're referring to Drew's comments about the apparent preponderance of old people on HF, talking about their health problems, etc.

In Drew's defense, I don't think he intended to say that folks can't talk about what they want if it's not of interest to him or others, but rather just to state that it's dissappointing to find so little else to listen to ... in otherwords, there's a growing lack of diversity in our ranks ... newcomers are mostly no-coders and while many, many would like to use the HF bands (and could make very capable operators without need for CW skills ... 'cause they'd be using SSB, Clover, Pactor, etc.). However they find the code so distasteful and the attitudes (in general) of the pro-code "establishment" so offensive that they don't "jump through the hoop" and "upgrade."

> I am 42, grey-haired, going bald and have been a ham for over
>twenty years, does this make me an old fart?

Hell no! I'll be 46 in a month, and have also been a ham for over 20 years and I'm not an old fart either ... just opposed to code testing.

BTW ... one can actually have the opinon that the code is neat and fun and still not be a "CW olde farte" ... it's only the rabid CW ops that want to stagnate the ham community on their level, want to keep the "riff-raff" off of "their" bands, make unidentified "'nother damned no-coder" comments when a newcomer shows up on the repeater, and exhibit similar narrow-minded, bigoted behavior that qualify as "CW olde fartz."

73,
Carl - wa6vse

carl@ais.net

2315. Re: Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: carl@ais.net
Message-ID: <50funp$4kq@news.ais.net>
Source record: 217733

In <50fn1n$13d@news.Hawaii.Edu>, jherman@Hawaii.Edu (Jeffrey Herman) writes:
>In article <50fbg5$nrs@news.ais.net>, <carl@ais.net> wrote:
>>and CW testing
>>CW-test
>>CW-forever-establishment
>>those with-code hams
>>code-free license,
>
>Would you folks please delete .misc from the header of your followups
>so as to continue this debate on .policy? It's off-topic for .misc.
>KH2PZ

Would you please stop trying to be the "thought police" of the internet?

I'll bet you're "hell on wheels" on the radio too ... you wouldn't be an
"official" ARRL OO would you???

Carl - wa6vse
carl@ais.net

2316. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <50g55f$go2@lehi.kuentos.guam.net>
Source record: 217734

carl@ais.net wrote:

>Stupid questions like "Seen any Clover pileups lately?" and dozens more
>that show complete ignorance of the new technology that's available and
>the inability/unwillingness to understand its benefits/value, and how
>the future of ham radio depends on progress, not stagnation.

Come on Carl, get real. The above 'stupid question' has nothing to do
with not understanding the technology, it has to do with UNDERSTANDING
that technology for the sake of technology is a waste of resistors.

DAMN FEW people are using Clover. And I would venture a guess that the
hams who ARE using it aren't using it to have 'meaningful intelligent
conversations' or to 'improve international relations' with other countries.
Anyone who is using it is probably using it to forward BBS BABBLE on
HF. Packet traffic on HF isn't people - it's computers forwarding BBS
BABBLE. I don't know about in your part of the world, but in my part
you can't find another real person on PACKET on HF, more less Clover.

If Clover is the closest thing you have to illustrate 'modern digital modes',
on ham radio, you're in trouble. You don't seriously think that your five
million new hams are going to buy an HF radio, put up an antenna, buy
a Clover modem, stick it in their computer, and sit and watch Fumbly Bumbly
Bumbly BBS software forward Packet Babble on HF ? Or connect to an
HF BBS ? Sure they will. Because they can't do the same thing ten times
faster with a computer, a 20 dollar modem, a LL BBS, and no ham ticket, right ?
If you want to attract your five million new hams, you need something that
is small, fast, inexpensive, and doesn't require a ton of aluminum in the
back yard. Clover isn't the ticket.

It's your imagination that people are resisting 'technology'. Technology
must be a) affordable and b) useful before the masses are going to
accept it for general use. You know that, that's why you won't tell us
about all the secrets you are developing in the lab....

You have to realize that now that we all use this wonderful medium called
Internet, Packet and Clover are probably on the way out, not on the way in.
Packet was at one time an almost viable means of spreading information
amoungst the ham community, but it's OBSOLETE now that the internet
is here. It was fun to screw around with, but it's not worth the trouble any
more - too slow, too unreliable.

Ham radio is ham radio. And it always will be ham radio.

Hafa Adai,
Jim KH2D

2317. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: carl@ais.net
Message-ID: <50g70s$99c@news.ais.net>
Source record: 217735
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <322B9503.7930@voicenet.com>, agray@voicenet.com writes:
>carl@ais.net wrote:
>>
>> Since when did:
>>
>> (Amateur Radio) = (Icom .or. Yaesu .or. Kenwood .or. (whoever)) ????
>>
>> Amateur radio has NOTHING to do with any of those companies or their
>> survival ... they could all go belly-up tonight at midnight and amateur
>> radio would survive (not that their respective egos would accept that
>> premise ... I'm sure they all think they're the "be-all and end-all" of
>> ham radio an we couldn't survive without their blessings being bestowed
>> upon us.
>>
>> You apparently never built anything, right? It would do you a world of
>> good to learn how (as it would to most of the brass-pounding appliance
>> operators out there ...)
>>
>> Carl - wa6vse
>> carl@ais.net
>
>Wrong again Carl. I'm quite sane. A good deal of my gear is home brew
>and I've been building a large portion of my gear for most of my 36+
>years as an amateur. But that's aside the point. I was just pointing
>out that the vast majority of hams today can't or won't do any
>significant building. This means that without the manufacturers there
>will be no ham gear for anyone to operate in the futures- that is,
>unless you see a radical change in the ham population when it comes to
>building the ever more complex gear your so fond of? Oh, I forgot- the
>ham radio you envision for our future will be composed only of graduate
>E.E.'s ? Some egalitarian you are...

No, he ham radio of the future will not be composed only of graduate
E.E.'s ... but there will be more building of gear, from kits and from
scratch.

If more technically-inclined people were getting into ham radio, instead
of appliance operators, we'd be better off.

And if we're so dependent on "rice boxes" that we'll have nothing to
operate without them and shrivel up an blow away, we're not fulfilling a
major part of the "purpose" set out in the Rules as justification for
our existence ... you keep forgetting (or conveniently ignoring) that
"purpose" part ...

And I'm NOT an egalitarian ... I think we should OPEN the ranks, not restrict them to a small segment of the potential population ... the CW forever crowd is, however, in a perverse, backward sort of way ... they're the ones who want to keep folks out ('cause they're not good enough, right???)

Carl - wa6vse
carl@ais.net

2318. Need form 610

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: scray@wolfenet.com
Message-ID: <50g7b1$f0t@ratty.wolfe.net>
Source record: 217736

I've been out of ham radio for several years raising my family and have moved several times. I need to update my station address with the FCC.

Can someone help me find the proper paperwork (it used to be form 610 I think) to submit to the FCC with my updated info?

There are no ham stores within 90 miles of here.

Thank you,
Scott Ray
WC7A
Yakima, WA

2319. It's a sad state of affairs (was: 1,000,000 qsl cards thrown away per year)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: carl@ais.net
Message-ID: <50g8mt$99c@news.ais.net>
Source record: 217737
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <50fvup$4dq@herald.concentric.net>, dwittich@concentric.net (Doug Wittich) writes:
>
>It is a sad state of affairs when people want to abandon one of the
>hallmarks of the hobby.
>

Doug,

Sounds like another variation of the "logic" behind the "keep the code"
chant.

Just because something was relevant and meaningful to you (or someone
else) "in the good old days" does NOT mean that it will remain that way
forever and ever ... time passes and changes occur ...

There are many of us who would assert that it's a sad state of affairs
when the "establishment" is so crotchety and inflexible as to refuse to
accept change, progress, and modernization, even to the point of placing
our existence at risk ...

Carl - wa6vse
carl@ais.net

2320. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: carl@ais.net
Message-ID: <50g74e$99c@news.ais.net>
Source record: 217738
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <322B9573.5FA2@voicenet.com>, agray@voicenet.com writes:
>
>Now if we could only find a gadget that could help you overcome your
>code handicap...er challenge :)

Why, after I've said it about eighty times, can't you folks get it
through your heads: I KNOW THE CODE, I PASSED A CW TEST!!!

Carl - wa6vse
carl@ais.net

2321. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: Cliff-s <Cliff-s@worldnet.att.net>
Message-ID: <01bb994d$875d70c0$90a4eea5@Pop3.worldnet.att.net>
Source record: 217739
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

> I think this assertion ignores the facts. The fact is that the FCC cited

> a substantial scientific basis for its ruling. That that basis is
> questionable merely makes it like much of the rest of science. The FCC
> itself noted that scientific opinions differ on the effects of exposure
> to EM fields. We may disagree with the science; we may try to discredit
> the science; but it is wrong to claim that the FCC ignored it.

The Professionals quoted in the report disagreed with the ruling.
I can provide paragraph and page if you like.

> 50-Watt installations will not be. But 50 Watts strikes me as a
reasonable
> dividing line if you want to establish a criterion for exclusion.

The 50 watt limit came straight from Wayne Overbeck a concerned
citizen per the report). If that isn't blatant politics I don't know
what is.

>
> Now what about the meaning of this to hams? Is the ruling so burdensome?

Unless you are a Registered Professional Engineer in the state of your
residence you are not qualified to make a Environmental Survey that
will hold up in court, if you are challenged.

> I don't think we know as yet. But I've made a few field strength
readings
> before. And I've prepared a few dozen environmental impact statements.
> I don't think this is going to be a big deal.
>
>
> Rich W2RG
>

It might not be possible to predict the value of Near Field intensities
in most Ham installations with enough accuracy to assure compliance
with IEEE C95.1-1992. Re-radiation and coupling within the wiring and
plumbing of a typical house would require extensive measurements,
which would have to be made for every frequency transmitted this is used.
A simple 40 Meter Dipole over the house at 25 feet would keep one busy
for quite a while making measurments. The hot spots would not be
easily predictable. Remember the standard is absolute. Don't be confused
with far field calculations, they apply only in a few UHF cases.

Cliff, W7VVA

2322. Indiana repeater/ATV/Packet APRS Balloon Launch

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: h1riley@umassd.edu
Message-ID: <50gbe3$90f@gatekeeper.umassd.edu>
Source record: 217740
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.space

CENTRAL INDIANA REPEATER/ATV/GPS PACKET BALLOON LAUNCH

Region: Central Indiana

Date/Time: Saturday, September 7 / 7:00-8:00 AM EDT,
11:00-12:00 UTC

Location: Greentown, Indiana (8 miles east
of Kokomo)

Other states where
the signals will
reach easily: Ohio, Illinois, Michigan, Kentucky

Site Coordinates: approximate for initial antenna heading;
(not for navigating to launch site)
40' 29" North Lat.
85' 58" West Long.

ATV: 439.25 MHz AM NTSC from live camera

VHF/UHF Repeater: Input - 144.30 MHz FM
Dual Output - 444.85 MHz FM
- 52.525 MHz FM

Telemetry: 446.00 MHz FM AX.25 1200 baud packet
GPS/APRS position data

HF Net: 3.869 - 3.871 Mhz SSB

Local repeater
talk-in: probably 146.91 or 147.24

---
launch data courtesy of Malcolm Mallette, WA9BVS
malletem@trader.com

Please email me news of upcoming balloon launches and post-flight
reports for distribution on the Net.

Hank Riley, N1LTV
h1riley@umassd.edu

2323. Re: Request for info on power inverter

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: bbaka@syix.com
Message-ID: <N.090296.215034.96@puma-d17.syix.com>
Source record: 217741
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

> I would like to build a power inverter for mobile use. I would like
> to be able to convert 12v DC to 120 vac at around 2500 watts output.
> Although I have some experience designing and building regulated DC
> supplies, I am not familiar with inverters.

You want to do WHAT??? You would be pulling about 200+ amps out of your car battery, assuming you could
get transistors to switch that much current. You might do better to get some really large F.E.T.s and run
them in a parallel arrangement feeding a charge pump with synchronous rectifiers (more F.E.T.s) to bring
the voltage up to +/- 160 volts. Then use a switched chopper arrangement to make a pseudo sine wave at 60
Hz with a heavy duty filter on the output. I use a 100 amp police alternator on my car with a SEMI
truck/Tractor battery (1300 CCA) in the trunk and even I would think twice about this. Even with the
engine running and the alternator putting out 100 amps if you talked too much you could still discharge
the battery. Of course by then, everything else would probably suffer a meltdown.

If you want to use strictly magnetics at 60 Hz, prepare for some large amounts of metal. Maybe you could
use high frequency magnetic ferrites at above 100KHz to provide +/- 160 volts and switch it from there but
you are describing one Hell of a project.

All said and done, you might be better off buying a portable gasoline powered emergency generator.

One last item, some years back, Lincoln or somebody like that offered a 120 volt alternator designed for
rear window defrosting, but I don't think it had that much wattage. Some SEMI-truck and Large Caterpillar
alternators will put out up to 250 amps at 12 volts but probably cost a ton of money.

I can offer help, but here I will offer a good luck wish.

Bill Baka, bbaka@syix.com (when I'm not out of town working)!

2324. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: armond@delphi.com
Message-ID: <5hDwipT.armond@delphi.com>
Source record: 217742

<carl@ais.net> writes:

>(I know this as a fact, because I was once on a first-name basis with
>the (former) Chief of the Private Radio Bureau at the FCC and he told me

Big Whoopee! You mean an engimneer that couldn't find a real job? who cares
what he thinks.

2325. Yaesu FT101ZD HELP...

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: Eric Vincent <evincent@mediom.qc.ca>
Message-ID: <322BBBEC.13C5@mediom.qc.ca>
Source record: 217743

Hello, I have the 101ZD rig and I don't know if can do any modifications on the rig... And can I tune the rig
out of band when I put a crystal in the position (xtals 1 or 2), and what is the limit in frequencies when I
put a crystal in the radio.

I don't know what another equipement can I add with the rig (# model), speaker, phone patch,remote
VFO,spectrum and so...

So I don't know if my message is preaty clear, I'm a french Canadian and I don't speak english very well.

If you want conctact me;

Eric Vincent VE2VXT
164, Carignan-Salieres App2
Quebec, Qc
G1L 2E6
Canada

Thank's and 73's from VE2VXT.

2326. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <50gip8$jpu@news.Hawaii.Edu>
Source record: 217744
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <50g74e$99c@news.ais.net>, <carl@ais.net> wrote:
>Why, after I've said it about eighty times, can't you folks get it
>through your heads: I KNOW THE CODE, I PASSED A CW TEST!!!
>Karl Marx - wa6vse
>carl@ais.net

Argh! I can't stand it! Over 50% of this weekend's news articles
came from Karl's keyboard (maybe due to coke or caffeine?).

Karl (and I call you "Karl" due to your "equal access to HF for all
the masses" stance), you passed the 5wpm tech code test 20 years ago,
but that doesn't equate to "knowing the code." Have you been waiting 20
years for the elimination of our only skill test so you can buy a
mic for your radio? Maybe you can get some quack to sign the code
waiver due to your perminent loss of motivation.

Now respect the followup line *this time* and let this pass to .policy!!

KH2PZ

2327. Re: Questions about WARC bands

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <50gr8b$jc9@lehi.kuentos.guam.net>
Source record: 217745
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

little@pecan.enet.dec.com (Todd Little) wrote:

>I can believe that based upon your apparent short attention span.
>Must explain why you thrive on DX CW contacts. After all, how long
>can it take to send XXXX ur 5NN, TU 73 DE KH2D? Weren't you just
>boasting about working 5 contacts per minute instead of 5 words
>per minute? I guess if something takes more than 12 seconds to
>get through, you must blow it off to keep your rate up.

Quote things when you want to complain about them. That way no
one will wonder what you're complaining about, and nobody will
have to keep retyping it so you can read it again. No, I wasn't
boasting about anything. I said the DX sticks to the bottom 25kc's
of the band because most DX stations want to work 5 stations
a minute, not five words a minute. Obviously, you never worked me
on CW, leave out the 'ur' and the ',' and the '73' and the 'DE' and
then you'll be close. Hundreds of stations I have worked would
much rather have a QSL card from me for thier DXCC than they
would have an 'interesting QSO' with me. They don't care what my
name is, or what kind of job I have, or where my wife is from, or
what kind of antenna I have. They want a QSL card. Period. When
a hundred or two hundred stations are calling you at the same time,
you work as many as you can as fast as you can. When only one
station is calling, you talk to him for 10 minutes, or an hour if you have
something to talk about. Lots of stations I work ask for QSL info
before they tell me their name or give me a signal report. If that
bothers you Todd, sorry. But it's not going to change, because it's
a part of the hobby that many people enjoy.

It amazes me how far off topic we can get when we move from the
discussion to the personal insult mode. We started out debating
if the CW test should be retained as a part of the testing, and now
we are in the 'knock DX' mode. I know what you do for fun on
internet, and but I don't know what you do on the radio, and I have
better things to do than a) worry about what it is you do or don't
do or b) knock what you do or don't do.

You don't like CW. Fine. Don't use it. You don't like DX. Fine. Don't
get on HF and work any. There are a lot of aspects of ham radio that
I think are totally rediculous and a waste of time. Like FM repeaters,
Packet, and traffic nets. But if you want to do them, be my guest. If you
enjoy doing them, it's not my job to knock them. Some hams love contests.
Some hams hate contests. Thats the good thing about the hobby,
we all don't have to be interested in the same thing. The only 'common

interests' we all must have are the abilities to pass the required tests for the class of license that we want. After that, we can all go our separate ways.

Hafa Adai,
Jim KH2D

2328. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <50gr8e$jc9@lehi.kuentos.guam.net>
Source record: 217746
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

carl@ais.net wrote:

>Why, after I've said it about eighty times, can't you folks get it
>through your heads: I KNOW THE CODE, I PASSED A CW TEST!!!

>Carl - wa6vse
>carl@ais.net

May I ask, without getting your blood pressure up, WHICH code test
did you pass, and at what speed do you feel you are comfortable ?

Hafa Adai,
Jim KH2D

2329. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <50gr8o$jc9@lehi.kuentos.guam.net>
Source record: 217747
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

carl@ais.net wrote:

>And if we're so dependent on "rice boxes" that we'll have nothing to
>operate without them and shrivel up an blow away, we're not fulfilling a
>major part of the "purpose" set out in the Rules as justification for
>our existence ... you keep forgetting (or conveniently ignoring) that
>"purpose" part ...

All part of the problem with the new breed, Carl. You've been a ham
for 20 years, right ? When you got started, how many companies were
advertising 10 METER DIPOLES for sale in QST ? When you hooked
up your first TNC, did you BUY a READY MADE cable to go to your
radio ? I doubt it. At least I sure hope not.

The 'new breed' may be more computer literate, but they sure appear to
be more soldering iron lame, if they have to BUY dipoles and TNC cables.

You best hope Icom and Kenwood and Yayhoo don't go away, because
I doubt too many nocode tech's will be building HT's from scratch.

Hafa Adai,
Jim KH2D

2330. Re: Changes to rec.radio.* heirarchy?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: anthonys@ix.netcom.com
Message-ID: <50gqus$a0d@dfw-ixnews5.ix.netcom.com>
Source record: 217748

In <887f33d4f52newsy@tosspot.sv.com> lee@tosspot.sv.com (Lee Reynolds)
writes:
>
> Just a suggestion.....
>
>
> Things have been getting worse and worse across the groups with
>spammers, hate wars and that kind of thing. (Once my mail's filtered,
I
>usually find anywhere between 40 to 65% of any rec.radio.* group's
>traffic has gone into the round file)
>
>
> Anyone else out there interested in -
>
> A) Changing the herirarchy to a moderated one with clear rules of
> conduct
>
> B) Maybe joining the growing movement to forbid cross-posting,
period.
>
> C) Adding a few (unmoderated as exception) groups to take make sure
that
> those who need a forum still have one? I have in mind something
like -
>
> rec.radio.policy.cw
>
> rec.radio.flame
>
> - so that those of us who want to argue code versus no code and
>those who want to fight have somewhere to do it.
>
> I'd like to see this happen, I'm even willing to put some of my
limited
>recreation time into it (unless there's someone out there with a LOT
of
>time on his hands?) - anyone else have suggestions or ideas? Post to
the
>group but please, followup with direct email to me, also. If there are
>enough of us, perhaps we can get a CFV started.
>
> Thanks.
>

>
> Lee <lee@tosspot.sv.com>
>

Lee:

You give no call but do you any other credibility to call for such action?

Don't, get me wrong, please. You do have many good ideas. I don't think "moderated" is the way to go. This would impose a helluva time consuming obligation on someone, unless you choose to volunteer. <g>

The recent problems have mainly to do with never ending barbs against the ARRL, and the _never_ ending arguments of code-no-code. The latter has no answer EXCEPT to cave-in to those who insist NO qualifications should be necessary to blabber wherever on the air waves, to satisfy so-called "my rights". And their own pscyche.

The better answer may be to establish a new sub-group such as "rec.radio.amateur.politics". This would be an appropriate place to BLABBER whatever one's feelings of AR.

There are many degrees of "amateurs". Let the _lazy_ ones, malcontents and others get it ejaculated!

(Awaiting the flames from those identified) 73

-=Tony=- W6ANV

2331. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: cgreenha@magnus.acs.ohio-state.edu
Message-ID: <cgreenha.622.322C1705@magnus.acs.ohio-state.edu>
Source record: 217749
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <1996Sep1.115537.20492@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>>I would like to offer my apoligies to Rob and Dana for not entering into a new
>>field with the absolutly best equipment money can buy on the planet.
>>
>>If that is their definition of "ignorance"...I am guilty.

>I'd suggest ignorance is recomending using an unsuitable $500 radio
>to do the job of a $100 data radio.

And I apoligize to you, for not knowing as much on the subject as you do.

> It's cheaper to do it right than
>it is to do it wrong, and you'll cause less harm to other users of
>the LAN in the process.

Im not sure what you are reading into my post...the "best equipment money can buy" for 9.6k packet, does not equat into the "most expensive"...please read agin...that is not what I said.

I find it interesting that a fellow ham entering new territory, attempts to do the best he can, with equipment advertised to do the job, is labled "ignorant" by his peers.

>Gary
>--
>Gary Coffman KE4ZV | You make it, | Due to provider problems
>Destructive Testing Systems | we break it. | with previous uucp addresses
>534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
>Lawrenceville, GA 30244 | |

Christopher K. Greenhalgh, N8WCT
Computer/Electronic Tech. II at The Ohio State University
E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

2332. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: jjo@tekla.fi
Message-ID: <JJO.96Sep3142818@ds10.tekla.fi>
Source record: 217750
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <50facd$nrs@news.ais.net> carl@ais.net writes:

Jari,

Please satisfy my curiosity ... what's the code requirement in Finland?

Do you consider your national organization to be truly representative of the views and interests of a majority of Finnish hams?

Do you have a reactionary "You're not a REAL ham if you don't love CW" faction in Finland?

Well, we have four operator classes which are a bit different from yours. Novice class operator takes CW test on 40 characters per minute. The characters are sent randomly in five character groups. General class operator takes CW test on 60 characters per minute. In Finland, general class happens to be the highest one. We do not have any advanced or extra class at all. Techican class operators do not take any CW test at all. They can not operate on HF but they have full priviledges above 30 MHz. Then there is the last class with the least priviledges, the communications class (or how should I translate that one). They do not take any CW and they are restricted to operating 70 cm only.

As far as I have understood, the administrative trend in Europe is to have less operator classes in the future, rather than more.

I believe that our national ham organization (SRAL) does indeed represent pretty well the views of the majority of Finnish hams. Something like 90 percent of all hams belong to SRAL and the board has quite often arranged polls to inquire about the feelings of the members. A few years ago a fiew unsatisfied hams tried to establish a new national organization, but that died quickly due to general lack of interest.

And finally, yes indeed. We also have our share of "You're not a real ham if you don't do cw" feelings.

--
Jari Jokiniemi, jari.jokiniemi@tekla.fi, OH2MPO, OH3BU
Tekla Oy, Koronakatu 1, 02210 Espoo, 90-8879 474

2333. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <50h6m1$b3h@jupiter.planet.net>
Source record: 217751

> carl@ais.net writes:
> In <322B9573.5FA2@voicenet.com>, agray@voicenet.com writes:
> >
> >Now if we could only find a gadget that could help you overcome your
> >code handicap...er challenge :)
>
> Why, after I've said it about eighty times, can't you folks get it
> through your heads: I KNOW THE CODE, I PASSED A CW TEST!!!
>
> Carl - wa6vse
> carl@ais.net

5 WPM is nocode

2334. Re: 3.88 MHz sounded like CB tonight. Yuck

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <50h6t3$gqq@usenetz1.news.prodigy.com>
Source record: 217752

Dick Flanagan <dick@merlin.libelle.com> wrote:
>
>Robert Casey wrote:
>>
>> In article <50b3a9$67h@reaper.uunet.ca> frenchy@travel-net.com
writes:
>> >billhar@spaceworks.com (bill harris) wrote:
>> >>> Had to check that I had tuned 3.88 MHz
>> >>>instead of 27.something it was so bad.
>> >>
>> Wow! I posted this about a year ago.
>
>Must be all those rotten, undisciplined no-coders! :-P

Yep. It's gotta be those scummy no-code Techs causing all the trouble.
After all, according to "YE OLDE FAHRTZ", they're not "real hams", you
know!

-Drew in Sunny Central Florida-
KF4DDM

2335. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-03 00:00:00 UTC
From: burt lang <burt@rocler.qc.ca>
Message-ID: <322B9889.269F@rocler.qc.ca>
Source record: 217753
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

Gary Coffman wrote:
>
> In article <50ev5i$a5s@news1.ucsd.edu> brian@nothing.ucsd.edu (Brian Kantor) writes:
> >I would challenge TAPR, the ARRL, and any of the large packet clubs
> >to make it a point of honor to publish articles explaining WHY those
> >radios aren't suitable, and perhaps even to provide test data of
> >each of the various offerings.
> >
> >I have not read any equipment reviews of any of the '9600 ready' radios
> >in QST or elsewhere. Have any of those reviews mentioned T/R delays
> >or PLL sweeping? Do the test labs even check those items?
> > - Brian
>
> QST has started reporting BER measurements on radios claiming
> "9600 baud ready". They first did that in an article explaining
> their test procedures. Most recently they published results for
> the shootout among dualbanders. The results have been almost
> uniformly grim.
>
> They don't appear to be specifically testing T/R delay or PLL
> sweeping. That is a flaw in their testing paradigm. But since
> BER is so uniformly grim, T/R switching time is a moot point.
> PLL sweeping is a more universal flaw, affecting more than
> packet performance. I would expect they would highlight such
> a defect as a matter of course in their routine testing of
> radios. But I don't recall seeing any mention of it in tests
> of radios which I know do have the problem. Perhaps this is
> something that should be drawn to the attention of the ARRL
> lab.
>
> Gary
> --
> Gary Coffman KE4ZV

Gary, they (the ARRL) have been advised of their omission in testing for time delays and so far they have not responded. At the ARRL Digital Ccommunications Conference last year in Texas, my DRSTM (Data Radio Standard Test Methods) project was presented as a paper. Jon Bloom from the ARRL Labs was in the audience and during the discussion following the presentation stated that he thought that the tests reported in QST did include timing tests. A few days later he contacted the presenter and confirmed that there had not been any such tests conducted. They expressed good interest in the DRSTM project. A complete copy of the

final proposed test procedure document was forwarded to them in Jan of this year. So far no comments or even acknowledgement of receipt has been forthcoming. A follow up message has also not elicited any response. It makes one think that they are not really interested.

The BER test while an excellant SCREENING test for data handling characteristics does not in any way indicate the cause or the cure to any problems that might show up as a poor BER. Likewise a minimum TXD test is only useful as a screening test for switching times. If the Minimum TXD is high, it cannot in any way indicate the cause or cure for the poor switching times. A BER test alone (like the ARRL labs have been doing) can only be of use where data systems operate full duplex with 100% key down transmit. How many such amateur radio data systems are in use worldwide????? More than the fingers on your hand???? Maybe

Interestingly the person from TAPR who responded to the proposed test procedures made the statement that in his opinion the only really important test necessary was a BER test. That shows a similar lack of understanding of the problems. Maybe these guys have been spending too much time in the lab and not enough time in the real world.

Burt VE2BMQ
Tech Chairman NEDA

DRSTM URL http://www.rocler.qc.ca/burt/drstm.html

2336. Re: It's a sad state of affairs (was: 1,000,000 qsl cards thrown away per year)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <50il4b$s1l@lehi.kuentos.guam.net>
Source record: 217434
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

carl@ais.net wrote:

>In <50fvup$4dq@herald.concentric.net>, dwittich@concentric.net (Doug Wittich) writes:
>>
>>It is a sad state of affairs when people want to abandon one of the
>>hallmarks of the hobby.
>>

>Doug,

>Sounds like another variation of the "logic" behind the "keep the code"
>chant.

>Just because something was relevant and meaningful to you (or someone
>else) "in the good old days" does NOT mean that it will remain that way
>forever and ever ... time passes and changes occur ...

>There are many of us who would assert that it's a sad state of affairs
>when the "establishment" is so crotchety and inflexible as to refuse to
>accept change, progress, and modernization, even to the point of placing
>our existence at risk ...

>Carl - wa6vse
>carl@ais.net

Carl, you must be a natural born killer.

First it's Kill-the-Code.
Next it's Kill-the-ARRL.
Then it's Kill-the-DX.
Now it's Kill-the-QSL.

Sounds like somebody needs a different hobby. Or maybe we should
just cancel the whole hobby and get it over with.

Hafa Adai,
Jim KH2D

2337. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: carl@ais.net
Message-ID: <50irs8$mgc@news.ais.net>
Source record: 217435
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <50gr8e$jc9@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net (Jim Kehler) writes:
>May I ask, without getting your blood pressure up, WHICH code test
>did you pass, and at what speed do you feel you are comfortable ?
>
>Hafa Adai,
>Jim KH2D
>
As I've stated NUMEROUS times here, I'm a "with-code" tech ... 5wpm
code, and the (old, fuller) General theory test. (at the FCC office)

Carl - wa6vse
carl@ais.net

2338. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: carl@ais.net
Message-ID: <50isbg$mgc@news.ais.net>
Source record: 217436
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <50gr8o$jc9@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net (Jim Kehler) writes:
>carl@ais.net wrote:
>
>>And if we're so dependent on "rice boxes" that we'll have nothing to
>>operate without them and shrivel up an blow away, we're not fulfilling a
>>major part of the "purpose" set out in the Rules as justification for
>>our existence ... you keep forgetting (or conveniently ignoring) that
>>"purpose" part ...
>
>All part of the problem with the new breed, Carl. You've been a ham
>for 20 years, right ? When you got started, how many companies were
>advertising 10 METER DIPOLES for sale in QST ? When you hooked
>up your first TNC, did you BUY a READY MADE cable to go to your
>radio ? I doubt it. At least I sure hope not.
>

Of course not ... there weren't any when I first got involved in packet
.. ever see a "Vancouver" board???

>The 'new breed' may be more computer literate, but they sure appear to
>be more soldering iron lame, if they have to BUY dipoles and TNC cables.
>

The fact that some idiot is advertising something stupid in QST does not
prove that everyone entering ham radio these days is a bumbling,
incompetent appliance operator. Most of the folks I'm talking about are
damned good at the bench ... 'course, if you saw their work, you'd
probably have a hard time reading the part values on the 0402 or 0603
(the BIG ones) resistors ... I know I do ... my eyes are getting
challenged by the smaller surface-mount parts ... I need one of those
circular flourescent light/magnifier combos myself ...

Besides, in some instances, it's cheaper to buy a ready-made cable than
to buy 6 ft. of wire and two connectors ... I can't see any reason to
fault someone who takes aadvantage of economics in a case like that ...

>You best hope Icom and Kenwood and Yayhoo don't go away, because
>I doubt too many nocode tech's will be building HT's from scratch.
>

I believe that in the next few years, you'll see some significant
domestic challenges to the "rice boxes" ...

Carl - wa6vse
carl@ais.net

2339. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: carl@ais.net
Message-ID: <50ishe$mgc@news.ais.net>
Source record: 217437
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <JJO.96Sep3142818@ds10.tekla.fi>, jjo@tekla.fi (Jari Jokiniemi) writes:
>Well, we have four operator classes which are a bit different from
>yours. Novice class operator takes CW test on 40 characters per
>minute. The characters are sent randomly in five character
>groups. General class operator takes CW test on 60 characters per
>minute. In Finland, general class happens to be the highest one. We do
>not have any advanced or extra class at all. Techican class operators
>do not take any CW test at all. They can not operate on HF but they
>have full priviledges above 30 MHz. Then there is the last class with
>the least priviledges, the communications class (or how should I
>translate that one). They do not take any CW and they are restricted
>to operating 70 cm only.
>
>As far as I have understood, the administrative trend in Europe is to
>have less operator classes in the future, rather than more.
>
>I believe that our national ham organization (SRAL) does indeed
>represent pretty well the views of the majority of Finnish
>hams. Something like 90 percent of all hams belong to SRAL and the
>board has quite often arranged polls to inquire about the feelings of
>the members. A few years ago a fiew unsatisfied hams tried to
>establish a new national organization, but that died quickly due to
>general lack of interest.
>
>And finally, yes indeed. We also have our share of "You're not a real
>ham if you don't do cw" feelings.
>
>--
>Jari Jokiniemi, jari.jokiniemi@tekla.fi, OH2MPO, OH3BU
>Tekla Oy, Koronakatu 1, 02210 Espoo, 90-8879 474

Jari,

Thanks very much for the information ...

73,
Carl - wa6vse
carl@ais.net

2340. Re: Changes to rec.radio.* heirarchy?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: carl@ais.net
Message-ID: <50it72$mgc@news.ais.net>
Source record: 217438

In <887f33d4f52newsy@tosspot.sv.com>, lee@tosspot.sv.com (Lee Reynolds) writes:
> Just a suggestion.....
>
> A) Changing the herirarchy to a moderated one with clear rules of
> conduct
> C) Adding a few (unmoderated as exception) groups to take make sure that
> those who need a forum still have one? I have in mind something like -
>
> rec.radio.policy.cw
>
> rec.radio.flame
>
> - so that those of us who want to argue code versus no code and
>those who want to fight have somewhere to do it.
>

Lee ... why are some people and assorted "thought-police" (who apparently "kill-file" what they don't want to read anyway) so hot to censor the rec.radio.* newsgroups to bury the no-code issue as deeply as possible???

I would bet that some newsservers don't carry all of the rec.radio.* hierarchy ... I know my old ISP in Florida didn't ... .misc seems to be carried widely.

I don't see a lot of code/no-code in .digital, .homebrew, .space, or .equipment ... what' so wrong with the discussion in .misc where it gets a wider audience and participation? (or is that precicely what you don't want?) Could you explain this?

Carl - wa6vse
carl@ais.net

2341. Re: Changes to rec.radio.* heirarchy?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: carl@ais.net
Message-ID: <50itl1$mgc@news.ais.net>
Source record: 217439

In <50gqus$a0d@dfw-ixnews5.ix.netcom.com>, anthonys@ix.netcom.com(Anthony Severdia) writes:

> The better answer may be to establish a new sub-group such as
>"rec.radio.amateur.politics". This would be an appropriate place to
>BLABBER whatever one's feelings of AR.
>

Tony,

Another sub-group for the sub-citizens? If you don't want to follow "code/no-code" or "the ARRL sucks", please just kill-file them, rather than trying to force the people whose views you may disagree with into yet another form of "second-class citizenship" by censoring them off to some obscure sub-group that may or may not get distributed.

There are too damned many newsgroups to keep up with as it is, without unnecessarily creating more ....

If you don't want to read the threads, don't read them ... but don't try to banish them ...

Next thing you know, someone'll have Clinton talking about how his "C" chip will be mandated for inclusion in all modems produced in the future, designed to censor code/no-code messages from the internet, to protect the delicate sensibilities of the unprotected pro-code fans ...

Carl - wa6vse

2342. HAM/INTERNET Server

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: <>
Message-ID: <50inqr$945@cu.comp-unltd.com>
Source record: 217440

I am not a ham radio operator, but I am interested in the possibility of using a HAM radio in conjunction with a computer to gain remote internet access. I have talked with a HAM operator and he told me that it is possible to communicate with a computer and a radio using a "node" and a software program called "packet". From the other things we talked about it seemed like it should be possible to set up a node on an internet server computer and link it to a node on a remote PC.

Is this possible?

Is anyone curently doing it?

If so, how fast is it (baud rate) and how much does the service cost?

How far can it be reliably used on a daily basis (how many miles)?

I appreciate any and all advice. If you don't want to post your insight, feel free to e-mail me under the heading on Ham Server at

g72365@imt.net

Thanks.

2343. (none)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: larry@omen.COM.AU
Message-ID: <322cfe9e.20069886@mail.omen.com.au>
Source record: 217441

```
subscribe
```

2344. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: carl@ais.net
Message-ID: <50iqpk$mgc@news.ais.net>
Source record: 217442

In <5hDwipT.armond@delphi.com>, armond@delphi.com writes:
><carl@ais.net> writes:
>
>>(I know this as a fact, because I was once on a first-name basis with
>>the (former) Chief of the Private Radio Bureau at the FCC and he told me
>
>Big Whoopee! You mean an engimneer that couldn't find a real job? who cares
>what he thinks.

Actually, the gentleman to whom I was referring was a damned fine
engineer ... and the absolute best administrator I've ever known.
He was VERY widely respected both in government and throughout the
telecommunications industry. He was also the only person to ever be the
Chief (sucessively) of three different Bureaus at the FCC ... you'd be
doing a hell of a job if you could fill ONE of his shoes!!!

Carl - wa6vse
carl@ais.net

2345. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: carl@ais.net
Message-ID: <50ir92$mgc@news.ais.net>
Source record: 217443

In <jlowmanDx69Kt.ILK@netcom.com>, jlowman@netcom.com (Jim Lowman) writes:
>
>Thanks, Jim...finally someone who agrees with my point. I'll have to pass
>this around at our local ham club, if you don't mind. Many there seem to
>think that packet (VHF, mainly) IS all there is to ham radio. Running
>anything at less than 14.4 kbps these days has to be some form of masochism.
>
>73 de Jim - KF6CR
>

Jim,

I agree with you in principle ... but I don't see any reason why you limit yourself to 14.4 ... amateur packet USER links should be running at 56-64kbps MINIMUM ... "backbone" links should be at T-1 rates or higher.

If you'd like to run faster speeds on packet, you really ought to consider the benfits to be had by bringing in more of the best minds of today's telecommunications industry.

The few who have been willing to jump through the code hoop are simply not enough critical mass to push ham radio into the future, despite their talent and their best intentions.

Until you have enough high-tech USERS who are willing to invest the time, money, and effort to design and build the infrastructure, you'll always find packet choking itself to death at a lousy 1200 baud.

Carl - wa6vse
carl@ais.net

2346. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: carl@ais.net
Message-ID: <50irk2$mgc@news.ais.net>
Source record: 217444

In <01bb99e0$1a4564a0$204d4486@ghost.iupui.edu>, "Joe Camel" <joe@megahard> writes:
>> Besides, I'm NOT a tech with no HF priveleges ... I passed a code test
>> at the FCC office (5wpm) and the General written to get my tech.
>> I've probably been licensed longer than you have (20+ years), so don't
>> give me your "You're a lowly tech, I'm an Extra" crap!
>> Carl -- wa6vse
>> carl@ais.net
>
>Carl is turning 46 this fall. His current tech license was issued last
>May.

License was MODIFIED (change of address) last May ... I've been licensed
continuously since 1975.

I also hold a commercial license. While the current piece of paper is
nominally worthless (since they re-issued all commercial licenses as
"General" a few years back) it was once a "real" commercial license.

Professionally, I've been in the mobile radio and satellite
communications industry for just over 25 years, as a design engineer,
and hold a couple of patents.

So go smoke that, "Joe Camel" ...

BTW ... what's YOUR callsign???

Carl - wa6vse
carl@ais.net

2347. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: cgreenha@magnus.acs.ohio-state.edu
Message-ID: <cgreenha.478.322CF8A6@magnus.acs.ohio-state.edu>
Source record: 217445
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <Dx5rJt.88n@pe1chl.ampr.org> rob@pe1chl.ampr.org (Rob Janssen) writes:

>>I find it interesting that a fellow ham entering new territory, attempts to do
>>the best he can, with equipment advertised to do the job, is labled "ignorant"
>>by his peers.

>You must have missed all the attempts that have been made on this newsgroup,
>in packet radio bulletins, and in QST (5/95) to explain that the equipment
>advertised as "9600 baud ready" actually isn't.

The 451a IS "9600 baud ready"...but it just doesnt do the job as well as some
other rigs.

>Also, it often seems that amateurs tend to believe such a claim in a
>commercial advertisement, and tend to disbelieve claims from their fellow
>amateurs who happen to have tried it and found it was not true.

I have never experienced this.

>This is unfortunate, and not only for their own wallet but also for the
>efficiency of packet radio as we all use it.

Actually, the money can be considered well spent by some.

One can spend $400 on a radio that can do voice, 1.2k packet, and 9.6k
packet...on ANY frequency of his choice, verses a $150 rock bound rig that
can only do one thing, on one frequency.

It really depends on the person, and how they intend to use their equipment.

>When a reasonably well documented article like the one in QST fails
>to hit the brains of the newcomers, we have a problem.

Are you slamming hams who dont get, or read QST magazine? Are you
saying that it should be some sort of requirement to read QST?

>Plainly stating
>"what Kenwood tells you is not true" is not going to make much impact,
>and I doubt any amateur is interested in going through a legal case
>against the radio manufacturers and distributors about making false
>claims in their commercial advertisements.

Very true. I cant afford such legal fees, however, if I ever bought equipment
that didnt do what the manufacturer claims, and they didnt make it right, not
only would I never buy anything from them again, I would spread the word on
them as well.

Take care.

Christopher K. Greenhalgh, N8WCT
Computer/Electronic Tech. II at The Ohio State University
E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

2348. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <50ihak$2br@jupiter.planet.net>
Source record: 217446

> "Joe Camel" <joe@megahard> writes:
> > Besides, I'm NOT a tech with no HF priveleges ... I passed a code test
> > at the FCC office (5wpm) and the General written to get my tech.
> > I've probably been licensed longer than you have (20+ years), so don't
> > give me your "You're a lowly tech, I'm an Extra" crap!
> > Carl -- wa6vse
> > carl@ais.net
>
> Carl is turning 46 this fall. His current tech license was issued last
> May.
> This is public information available from the QRZ Call Book.
>
> Perhaps he's been renewing his tech license for 20+ years...
>
> 5WPM code and a General written (that is some 30 multiple choice,
> Mickey Mouse questions, and you can miss 8, even though the entire
> question pool is fixed and available) ...
> Has anyone ever flunked that test?
>
> Joseph Average Camel
In Carl's defense, I have a friend who was a Tech with code for 37 years.

of course, a bunch of us decided to upgrade (poor dx conditions), he
practiced 15 minutes a day right along with us

he passed 20 wpm perfect copy

i passed 13wpm 2 mistakes

some people are quite content to aspire to nothingness, to be satisfied
with sameness (status quo) and Carl has that right

However, when he and his, to use a phrase, Ilk, decide that since we've
done nothing to deserve it, therefore we must be handed it on a platter
I must protest.

Sure the code is antiquated, so is parallel parking, math without a calculator
spelling without a spell checker yada yada yada

BUT, it still required and to piss and moan about this and that yet never do a
darned thing..that gripes my cookies

The old phartz this, the ARRL that... ENUF boring boring boring

Remember this..if the US decides to go nocode HF, you still have the rest of
the ITU to contend with. I have yet to see, other than the NEW Zealand
proposal, ANY ITU country propose the removal of the code requirement

Unfortunately, the committee doesn't meet for another 3 years. 3 years of yammering about how we're gonna lose spectrum...not HF mind you, but then again, I rarely use VHF/UHF, too crowded, way to many potty mouths, jammers, radio players

You'all stay on 2meters. Leave the HF to the people who have earned the priviledge

All for me. Flames responded in the Republican manner...In otherwords, ignored

steve

2349. Re: IARU/FCC QSO Regulations (was: Who Do You Hear on HF?)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <50j0us$it@lehi.kuentos.guam.net>
Source record: 217447

charles1@netcom.com (charles copeland) wrote:

>Carl and Drew have valids points. That makes three against you Jim.
>Drew has passed the tech plus code test, I've passed the general code
>test. We are the new generation of HAMS, less than 50 years old, who
>firmly believe the code requirement is ludicrious in 1996.

>KB0WOB Charles in Denver

>PS - Jim, Drew MUST have a radio of some kind in order to have
>made his observations of the HF bands. They are generally correct.

Congratualtions on passing the code test. We aren't keeping track of
who's against who, nor are there any age limits in ham radio. You have
no idea what I firmly believe about the code requirement. Carl does,
on occasion, have a valid point. The only point Spew has is the one on
the top of his head. We are all under 50, which proves nothing.

Spew just parrots what he reads on here. He doesn't have a radio.
If you think Drew's evaluations of HF are correct, then you need to do
a bit of dial spinning on your radio. And you need to remember that
the 'wonderful world of ham radio' consists of a few other places than
the United States.

If you are firm enuff in your beliefs that the code requirements are
'ludicrious' (whatever that means) then I suggest you petition the
FCC to change the requirements.

73, Jim KH2D

2350. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: jjo@tekla.fi
Message-ID: <JJO.96Sep4084245@ds10.tekla.fi>
Source record: 217448

In article <50ihak$2br@jupiter.planet.net> adell@planet.net (Steve - KF2TI) Landing, NJ writes:
Remember this..if the US decides to go nocode HF, you still have the rest of the ITU to contend with. I have yet to see, other than the NEW Zealand proposal, ANY ITU country propose the removal of the code requirement

Most propably there will be pressures to abandon CW requirement from South-American and African countries. They are mostly poor and want to establish a communication structure, the technology and the people to use it, quickly and cheaply. It is in the interest of those countries that as many technically oriented people as possible enter our hobby.

USA has dominance in many many things, including amateur radio hobby. This means that quite a large portion of the world follows what USA does in amateur radio service. If USA abandons CW requirement, so does the rest of the world. If USA keeps CW requirement, so do most of the other countries.

I guess it will be USA and Europe that will make the CW requirement to stay. Hope I am wrong.
--
Jari Jokiniemi, jari.jokiniemi@tekla.fi, OH2MPO, OH3BU
Tekla Oy, Koronakatu 1, 02210 Espoo, 90-8879 474

2351. Re: Changes to rec.radio.* heirarchy?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: carl@ais.net
Message-ID: <50iu2e$mgc@news.ais.net>
Source record: 217449

In <jlowmanDx6AEF.Jq1@netcom.com>, jlowman@netcom.com (Jim Lowman) writes:
>Definitely not. Every time the S/N goes down in any group, the first thing
>someone comes up with is moderation. We don't have moderators on the ham
>bands; why have them here? What's so hard about just ignoring what you
>aren't interested in?
>
>Moderation may solve the problem at hand, but it introduces new
problems,
>and creates many more hard feelings. Who's crazy enough to want to be the
>moderator? And what happens if the moderator doesn't work out? It's nearly
>impossible to unseat a moderator.

Jim ... you're right ... they can kill-file it, or simply skip past the
header without reading the post ...

I think many of the complainers simply want to squelch the debate by
burying it in a sub-sub group.

>We already have such a forum. Code/no-code debates belong in *.policy.
>

policy is not carried as widely as .misc from my experience ... (my old
ISP didn't carry it), and I've heard by e-mail from many others that
they don't get .policy either ...

Carl - wa6vse
carl@ais.net

2352. Re: Code Vs No-Code. End The Cry!!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: carl@ais.net
Message-ID: <50iuf5$mgc@news.ais.net>
Source record: 217450

In <322B654E.1D83@ix.netcom.com>, AC6V <AC6V@ix.netcom.com> writes:
This truth can be found
>For that treasured upgrade
>To this you are bound
>As of this moment
>All that is around
>Is CW -- the only game
>In the whole damn town
>CW vs No-CW -- End the cry!!!!
>
>73 From AC6V
>--
>Hark for I have hurled my words to the far reaches of the earth!
>What King of old could do thus??

If the King doesn't want to read the code/no-code debate the King should
ask his 10-16 year old child (or neighbor kid) "How do I set up a
'kill-file'??

Carl - wa6vse
carl@ais.net

2353. Re: It's a sad state of affairs (was: 1,000,000 qsl cards thrown away per year)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: carl@ais.net
Message-ID: <50iv7j$mgc@news.ais.net>
Source record: 217451
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <50il4b$s1l@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net (Jim Kehler) writes:
>
>Carl, you must be a natural born killer.
>
>First it's Kill-the-Code.
>Next it's Kill-the-ARRL.
>Then it's Kill-the-DX.
>Now it's Kill-the-QSL.
>
>Sounds like somebody needs a different hobby. Or maybe we should
>just cancel the whole hobby and get it over with.
>

Jim,

I didn't say "Kill-the-DX" ... and I didn't say "Kill-the-QSL" ...
I QSL when I have an interesting contact and a QSL is requested.

The guy was talking about DXCC ... and I didn't say kill that, either
.. though now that I think about it, "contests" DO cause a substantial
portion of the congestion, and pileups of obscenity-screaming jerks ...

However, what I was commenting on was the lamenting "it's a sad stae of
affairs when (pick your old-time "halmark" of "REAL ham radio") ...
etc.)

My point is that I'm disgusted by the total unwillingness to accept ANY
change that's exhibited by SO MANY hams ... it's indicative of the
most insidious, destructive underlying problem of the ham community ...
a staunch, rigid, inflexible desire to maintain the status quo at all
costs ...

That's all I said ...

Carl - wa6vse
carl@ais.net

2354. Re: Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: carl@ais.net
Message-ID: <50j05i$mgc@news.ais.net>
Source record: 217452

In <50fos2$344@anomaly.ideamation.com>, kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:
>The "used-car salesmen" of the VHF no-code license used the "we need
>lots of people on VHF to save our bands" argument. The amateur population
>bought it, fearful of another 220mhz debacule. Where are hordes of
>new hams?
>

So TAPR, AMSAT, and QCWA (amongst others) are "used car salesmen"?
I can't speak for the QCWA, but I'm convinced that TAPR and AMSAT are a
hell of a lot more progresive than the ARRL.

>I think most people think "passe" when they think of amateur radio.
>

Yup ... that's the problem ... and the reason for it is CW, pure and
simple.

>What makes you think the hundreds of thousands of already-licensed
>hams are going to accept all these "new hams" with a codeless HF
>license? If you think the comments like "no-clue tech" are widespread
>now, why would they go away with codeless HF operators?
>

From what I see here, significant numbers of the already licensed hams
have come to agree that the CW requirement is rediculous today, and
support the reomval of the testing requirement ...

>The average person in the United States is a moron who sits in front
>of the television 4 hours a day. They can't tell you what the name of
>the Vice President is.
>
>If you think these bozos are going to "save" the hobby, you're dead
>wrong.
>

And *I* get accused of being an eletist because I want to bring in
technically-qualified people ...

I suppose you think one should have to be a member of Mensa to get a
license? (BTW, before you try to take another shot at my general
intelligence level, FWIW [though I personally don't think it {Mensa,
that is} is worth much] I qualify easily on that basis).

>Please quote one sentence, with the proper context, where I've insulted
>you.
>

I told you before, I don't archive your garbage ...

>
>>>Drew lives in Florida. What would you expect listening to local HF talk
>>>when you live in the state with the highest per-capita of the elderly?
>>
>>Oh, come on! You can do better than that ... you don't seriously expect
>>that anyone listening here will buy the argument that Drew only hears
>>old fogies because he lives in Florida? HF doesn't cross state
>>boundaries, huh???
>
>Oh yes. Propagation has been just so wonderful lately.
>

IF *you* knew much about HF, you'd know that 40m should be open long
distances in various directions at various times of the day ... even
with the sunspot cycle low. Bogus dodge ...

Carl - wa6vse
carl@ais.net

2355. Re: Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: carl@ais.net
Message-ID: <50j08g$mgc@news.ais.net>
Source record: 217453

In <50h79t$25ia@usenetz1.news.prodigy.com>, VUBS79A@prodigy.com (Drew Durigan) writes:
>kd1hz@anomaly.ideamation.com (Michael P. Deignan) wrote:
>>
>>Oops, forgot. You already have a VHF code-free test, and that one
>>didn't work to "save our bands", huh?
>
>
>If YE OLDE FAHRTZ hadn't fought against the no-code license for as long
>as they did, we probably could have saved 220-222Mhz.
>
>Remember, 220 was taken away from us BEFORE the no-code Tech license was
>created. My guess is that the unwillingness of YE OLDE FAHRTZ and their
>cronies in the ARRL to support a no-code license had quite a bit to do
>with this.
>
>-Drew in Sunny Central Florida-
> KF4DDM
>

I think he GOT you there MD!

Carl - wa6vse
carl@ais.net

2356. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: Ron Curry <recurry@insighttec.com>
Message-ID: <01bb9a24$c199c180$5ba19ecd@expressp5.insighttec.com>
Source record: 217454
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

You guys are really wasting your time here. After all the discussion he still doesn't get it. It's unfortunate but this attitude reflects that of a significant number of hams - "I bought it so it must be good and since I have it now it's good enough. I don't care how it affects others". It's that attitude that keeps amateur radio stuck in the stone age. It's what makes 1200 baud packet run at 30 cps and 9600 baud packet at 120cps. It's the same attitude that keeps us from proliferating new standards at higher bit rates. But.... he's happy with what he's doing (I think) so let it rest. Just don't put a packet station on the same frequency he's on!
--
Ron Curry
KE6WED
recurry@insighttec.com

Christopher K. Greenhalgh <cgreenha@magnus.acs.ohio-state.edu> wrote in article <cgreenha.478.322CF8A6@magnus.acs.ohio-state.edu>...
> In article <Dx5rJt.88n@pe1chl.ampr.org> rob@pe1chl.ampr.org (Rob Janssen) writes:
>
> One can spend $400 on a radio that can do voice, 1.2k packet, and 9.6k
> packet...on ANY frequency of his choice, verses a $150 rock bound rig that
> can only do one thing, on one frequency.
>
> It really depends on the person, and how they intend to use their equipment.
>

2357. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: interflex@msn.com
Message-ID: <00001fef+00004d36@msn.com>
Source record: 217455

More people die in hospitals, on a per capita basis, than in any other sort of building.

More people die in automobile accidents within 25 miles of home than outside of that 25 mile radius.

Like anything else, there is a rational explanation, and a statistical one. The lack of a relationship between cause and effect, and statistical significance is what makes politicians out of liars, or is it the other way around?

Jeff
.

2358. Re: RSGB and other groups

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: joe@vantage.demon.co.uk
Message-ID: <841815580.26692.0@vantage.demon.co.uk>
Source record: 217456
Cross-posted to: uk.radio.amateur,rec.radio.amateur.policy,rec.radio.amateur.misc

Geoff Brown <equinox@itl.net> wrote:

Hi Geoff,

> I am surprised at your comments about the RSGB, however, I see that you
> haven't been licensed very long so you will not have seen all the past
> work the RSGB has done.

I first had the call G1UQW in the mid 1980s, but have been an SWL
since 1971, when I was a boy of 10. I joined the RSGB first time
round in 1975, as an SWL at a time when SWLs seemed to be treated as
second class citizens. However, I stayed in the RSGB until1981, let
my membership lapse as a student, rejoined when I got my first
license. I've written two books on amateur radio, taught on my local
RAE course on an occasional basis and written God knows how many
articles for the hobby press. I reckon I've been aroudn enough to
know enough.

> Over the 25 years that I have been a member I must say that things have
> changed (for the better).
> A great deal of work has been put in to extending many of the licensing
> regulations.
> I think if you had have been round many years ago that you would
> understand what I mean.

I woudl agree, but organisations have to change and develop;however,
I've supported the RSGB for a number of years and feel that I can
make a judgement o what they do now, rather tahn their past
successes. The RSGB must be perceived as being a more modern, open,
organisation.

> BTW. I don't mean the RSGB is squeaky clean, they may well have to revise
> certain things in the future to maintain membership.

Yes, they will.

And changing from within doesn't seem to be happening; maybe a little
organised outside pressure will do the trick. I want a national
organisation to work; I want to belong to a group that would be able
to represent my views as a radio hobbyist to teh pwoers that be. Who
does it I don't really care. Getting involved in the RSGB 'politics'
is difficult for those of us who run a business; also, given the
attitude of a number of senior members (i.e. members who have been in
the RSGB for a number of years) to G0s, G1s and later calls
(i.e., because we passed the multiple choice we're deemed unworthy)
I'm not sure I want to put myself through it...

73s

Joe Pritchard

There's only one decision to make;
get busy living or get busy dying.

Andy Dufresne, The Shawshank redemption.

2359. Re: Changes to rec.radio.* heirarchy?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: anthonys@ix.netcom.com
Message-ID: <50j8jc$5d7@sjx-ixn6.ix.netcom.com>
Source record: 217457

Carl-

OK, if you "say so". <g> I assure you that I don't read most of the
blabber that is coming through, but it sure pollutes what I think of
miscellaneous pertaining to practical amateur radio.

I'll point out: I responded to a totally new idea, an _original_
post. And, I thought there would be some real flames. Yours is
not that, but reasoned response, I think.

I'm all in favor of anyone spewing out odd ideas. That's why
"politics" (favorite subject these days, it seems) might be appopriate.
It is politics, not so?

Thanks for your comments, fellow 6-lander! 73

-=Tony=- W6ANV

In <50itl1$mgc@news.ais.net> carl@ais.net writes:
>
>In <50gqus$a0d@dfw-ixnews5.ix.netcom.com>,
anthonys@ix.netcom.com(Anthony Severdia) writes:
>
>> The better answer may be to establish a new sub-group such as
>>"rec.radio.amateur.politics". This would be an appropriate place to
>>BLABBER whatever one's feelings of AR.
>>
>
>Tony,
>
>Another sub-group for the sub-citizens? If you don't want to follow
>"code/no-code" or "the ARRL sucks", please just kill-file them, rather

>than trying to force the people whose views you may disagree with into

>yet another form of "second-class citizenship" by censoring them off
to
>some obscure sub-group that may or may not get distributed.
>
>There are too damned many newsgroups to keep up with as it is, without

>unnecessarily creating more ....
>
>If you don't want to read the threads, don't read them ... but don't
try
>to banish them ...
>

>Next thing you know, someone'll have Clinton talking about how his
>"C" chip will be mandated for inclusion in all modems produced in the
>future, designed to censor code/no-code messages from the internet, to
>protect the delicate sensibilities of the unprotected pro-code fans
...
>
>
>Carl - wa6vse
>
>

2360. Re: Questions

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: philip@philips.demon.co.uk
Message-ID: <841823592.22208.0@philips.demon.co.uk>
Source record: 217458
Cross-posted to: alt.radio.pirate,alt.radio.uk,rec.radio.amateur.misc,rec.radio.noncomm,rec.radio.amateur.policy

I don't normally criticise posts...but if this person is *really*
studying for a BA in anything, let alone media studies, perhaps he or
she should learn to spell, punctuate and write a grammatical sentence!

Phil
(hastilly cheking too se hee rote thatt propper)

Martin Smith <martin@anglianet.co.uk> wrote:

>This is a multi-part message in MIME format.

>----------214681808317206
>Content-Transfer-Encoding: 7bit
>Content-Type: text/plain; charset=us-ascii

>Dear ladies and Gentleman,

>I wondered if you would be interested in helping out somebody who is
>taking part in completing his BA hons Degree level in Media Studies.

>Basically, what I am asking you to do is to answer a few questions
>relating to your radio listening choice and pirate radio.

>Please try and answer the questions put forward by yourselves and where
>are you from (this is important!)

>I hope to hear from you soon.

>Thanks for your time.

>Please take a look at my Web site if have time on your hands.

>http://www.anglianet.co.uk/carly/carly.htm

>Tell me what you think of it!
>

>----------214681808317206
>Content-Transfer-Encoding: 7bit
>Content-Type: text/plain

>Market Research for Pirate Radio survey.

>Sex.

>Age.

>1. 15 and Under
>2. Between 16 and 19 years
>3. Between 20 and 30 years
>4. 30 and over.

>What ethnic group?

>What Radio stations do you listen to?

>Do you listen to Pirate radio?

>Music choice. What are your choices in music that determine your radio choice?

>Why do you listen to those radio stations.
>Is it the Dj's; the general patter. Or what.

>Date of where you collected the information.

>Are you a student at all

>---------------------------------214681808317206--

2361. Re: Burbank, CA a "dead" zone for VHF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <50iq9u$d6r@news.Hawaii.Edu>
Source record: 217459

Abraham Stavsky <ag001@lafn.org> wrote:
>Several friends as well as myself have had trouble working
>VHF and even UHF in parts of Burbank, with repeaters being quite
>difficult to hit even when fairly close by. Is there anything
>about Burbank's geography which could affect radio transmission?
>Much obliged.
>KE6OCM

Hi Abe, I spent my first 13 years in Burbank (1031 Delaware Road,
just below the DeBell golf course). The way the Verdugo Mountains
wrap around the city will surely cause V/UHF to be blocked from
N to E. But you've got a straight shot to any rptr in the Hollywood
hills; and if you're in the Verdugo foothills you should have enough
elevation to hit the Catalina Island rptr (used to be WR6AAA
back in the late 70s).

Where are you at in the city?

Jeff KH2PZ

2362. READ NOW!!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: Mendoza <MikeM@Linkonline.net>
Message-ID: <322D3D2A.7B79@Linkonline.net>
Source record: 217460

WANT TO MAKE FAST EASY CASH??? THAN READ ON

(FOR BETTER VIEWING WIDEIN YOUR E-MAIL SCREEN)

ATTENTION ALL FAST MONEY MAKING SKEPTICS!
PLEASE READ AND ANALYZE THE FOLLOWING AND DETERMINE IF
$10 IS WORTH KNOWING IF THIS IS REALLY POSSIBLE!!!!!

INSTRUCTIONS

Follow these instructions EXACTLY, and in 20 to 60 days you will have
received well over $2,000.00 cash, all yours. This program has remained
successful because of the HONESTY and INTEGRETY of the participants. Please
continue its success by carefully ADHERING TO THE INSTRUCTIONS.

Welcome to the world of Mail Order! This little business is a little
different than most mail order houses. Your product is not solid and
tangible, but rather a service. You are in the business of developing Mailing
lists. Many large corporations are happy to pay big bucks for quality lists.
(The money made from the mailing lists are secondary to the income which is
made from people like yourself requesting that they be included in that
list.)

1) IMMEDIATELY mail $5.00 to the first 2 people on the list below
Send CASH only please (total investment $10.00). Enclose a note with each
letter stating: "Please add my name to your mailing list."
(This is a legitimate service that you are requesting and you are
paying $5.00 for this service).

2) REMOVE the name that appears number 1 on the list. Move the other 3
names up one position. (Number 2 will become number 1 and number 3 will
become number 2, etc.)

Place your name, address and zip code in the number 4 position.

3) Upload The File To your MAIL BOX ON AMERICA ON LINE and Forward It
to 50 Or More People. (This Works Really good if your not into BBSes)
To upload the file to your mailbox. While your signed on to America
Online, go to "compose mail" and put your screen name in the place where
it says "to:" (people to send to) and attach the file to the lettter.
And send the file to your self and forward it to as many people as you can.

4) Within 60 days you will receive over $2,000.00 in CASH. Keep a
copy of this file for yourself so that you can use it again and again
whenever you need money. As soon as you mail out these letters you
are automatically in the mail order business and people are sending
you $5.00 to be placed on your mailing list. This list can than be

rented to a list broker that can be found in the Yellow Pages for additional income on a regular basis. The list will become more valuable as it grows in size. This is a service. This is perfectly legal. If you have any doubts, refer to Title 18, Sec. 1302 & 1341 of the postal lottery laws.

NOTE: Make sure you retain EVERY Name and Address sent to you, either on computer or hard copy, but do not discard the names and notes they send you. This is PROOF that you are truely providing a service and should the IRS or some other Government Agency question you, you can provide them with this proof!

Remember as each post is downloaded and the instructions carefully followed, 2 members will be reimbursed for their participation as a List Developer with five dollars each. Your name will move up the list geometrically so that when your name reaches the number two position.
You will be receiving thousands of dollars in cash.

1) BRIAN DONNER
P.O. BOX 258
LINCOLNVILLE, ME 04849

2) DAVE GARCIA
9593 PETTSWOOD DR.
HUNTINGTON BEACH, CA 92646

3) SEAN BUGEL
319 ELIZABETH AVENUE
CRANFORD, NJ 07016

4) EDWARD DAVIDOSKI
67 HILLSIDE ROAD
ELIZABETH, NJ 07208

The following letters were written by participating members in this program.

To Whom It May Concern:

To start, I thought this file was a big host. And another thing that kept me skeptical to begin with is that it sounded very illegal. But I looked around a few local BBS's and found that this was going on everywhere. I decided to take part in this fast-money making process. So I did, and to this date have received more than $4,500 in cash in less than three months. I only have one thing to say for those out there in disbelief... it works.

About six months ago I received the enclosed post in letter form. I ignored it. I received about five more of the same letter within the next two weeks. I ignored them also. Of course, I was tempted to follow through and dreamed of making thousands, but I was convinced it was just another gimmick and could not possibly work. I was wrong! About three weeks later I saw this same letter posted on a local bulletin board in Montreal. I liked the idea of giving it a try with my computer. I didn't expect much because I figured, if

other people were as skeptical as I, they wouldn't be too quick to part with ten Dollars. But, I buy lottery tickets weekly in my province and have nothing to show for it but ticket stubs. This week I decided to look at this as my weekly lottery purchase. I addressed the envelopes and mailed out the money in each as directed. Two weeks went by and I didn't recieve anything in the mail. The fourth week rolled around and I couldn't believe what happened! I can't say I received $20,000, but it was definitely well over $4,000! For the first time in ten years, I got out of debt. It was great. Of course, it didn't take me long to go through my earnings so I am using this excellent money opportunity once again. Follow the instructions and get ready to enjoy.

Good Luck,
Charles Kust
St Agathe Que.

To all disbelievers,
At first I took this letter as a scam, for people that just wanted to to make a quick buck off of me. But then I decided to give it a try. Any way, it was only 10 dollars we were talking about. I sent out the 10 dollars the next day. I didnt think it would work, because after all it had been two weeks and I had recieved nothing in the mail. But then I started to recieve a lot of mail from all over America. California, Michigan, Oreogon, Minnesotta, Ohio, and New York. I couldn't believe this. I ran in my house as soon as I could and opened it all. That day I recieved over 200 dollars. This continued for about 4 more weeks! At the end I recived about 35,000 dollars. I was so happy! I could probably have recieved 45,000 if I would have sent this to more people. That was my mistake. So I did it over agian. This time making sure I got this out to everyone I could. Within 6 weeks I had now recived 44,000 dollars. Now I will use this tacktick for whenever I need money again. You would be suprised how great this works. If you do decide to do this remeber follow " ALL OF THE INSTRUCTIONS AND DONT MISS A STEP." Otherwise this will not work. This is a great program if you want it to be.

Best Wishes,
Grant H. Jones

2363. yaesu 2700 mod's

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: donaldt@ipars.sds.com
Message-ID: <50jc5a$2js@bogus.cts.com>
Source record: 217461

can a yaesu 2700 uhf vhf radio be mod so it can rx from 144-174
and 440-470mhz. if so please e-mails me with mod's

donaldt@sds.com

2364. Re: Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: ptracy@aol.com
Message-ID: <50jpfn$nmc@newsbf02.news.aol.com>
Source record: 217462

In article <509d9o$1qi6@usenetz1.news.prodigy.com>, VUBS79A@prodigy.com
(Drew Durigan) writes:

>3) OLDE FAHRTZ spending endless hours bellyaching about the no-coders on

>the VHF/UHF bands and how "we need to make sure 'they' don't get access
>to 'our' bands down here."

young bucks whining about OLD PHARTZ and bragging about 1200 baud packet.

2365. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: jcraig@morgan.ucs.mun.ca
Message-ID: <50jtrk$a8n@coranto.ucs.mun.ca>
Source record: 217463
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

24$kcn@news.ais.net> <32288A8D.4514@voicenet.com> <50apv3$cm1@news.ais.net>
<3229B5F9.7213@voicenet.com> <50cvin$ffe@news.ais.net>
<01bb99e6$0e9fc4a0$204d4486@ghost.iupui.edu>
:
Distribution:

Joe Camel (joe@megahard) wrote:
: > The ham community is rapidly becoming the "blacksmiths" of the
: > electronic age ... and the ARRL and the "CW forever" group are telling
: > the FCC "This is what we want ... this is where we demand to remain."
: > That's pure techno-political suicide.
: > Carl - wa6vse
: > carl@ais.net

: Absolutely. Moreover, the NBA seems to favor these "olde fartz" like
: Michael Jordan, who don't use a ladder to drop a ball in a hoop. Why,
: may I ask? It's the 90's, and ladders have been around for thousands
: of years, man! Besides, what's the purpose of tossing a rubber ball
: around, anyway? We need the space, and the money, so let's just
: sell all basketball courts...
: :-)

: Joseph Camel

Kind of like these mountain climbers. Don't they realise that
helicopters are a much better and faster and more reliable
means of getting to the top?

--
73 Joe VO1NA

2366. WTB: Kenwood TS660 Quad Bander

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: Paul Knight <pknight@elec.ctl.etn.com>
Message-ID: <322D9AAB.76DB@elec.ctl.etn.com>
Source record: 217464
Cross-posted to: rec.radio.swap,chi.wanted,rec.radio.amateur.misc

Hello, everyone! I'm looking for a Kenwood TS660 "Quad-Bander"
rig. It is an early '80's vintage radio, covering 6-10-12-15M. If
you'd like to part with yours, please drop me a note.

--
Thanks!

Paul Knight WD8DKY
pknight@elec.ctl.etn.com

-or-

PEKnSLK@aol.com

2367. Re: Code Vs No-Code. End The Cry!!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: AC6V <AC6V@ix.netcom.com>
Message-ID: <322D8C0E.5C5C@ix.netcom.com>
Source record: 217465

carl@ais.net wrote:
>
> In <322B654E.1D83@ix.netcom.com>, AC6V <AC6V@ix.netcom.com> writes:
> This truth can be found
> >For that treasured upgrade
> >To this you are bound
> >As of this moment
> >All that is around
> >Is CW -- the only game
> >In the whole damn town
> >CW vs No-CW -- End the cry!!!!
> >
> >73 From AC6V
> >--
> >Hark for I have hurled my words to the far reaches of the earth!
> >What King of old could do thus??
>
> If the King doesn't want to read the code/no-code debate the King should
> ask his 10-16 year old child (or neighbor kid) "How do I set up a
> 'kill-file'??
>
> Carl - wa6vse
> carl@ais.net

Insults are the last recourse of a weak argument.

73
Rod in San Diego

2368. WTB: Dead Icom 02AT for case

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: "Steven R. Loeffler" <loeffler@mail.wiscnet.net>
Message-ID: <322DAB67.1AA7@mail.wiscnet.net>
Source record: 217466

My 02AT took a tumble yesterday @ 50 MPH onto asphalt and finally came to rest almost 150 feet
from initial point of contact. The radio works fine (one of, if not the best built radios I've
seen on the Amateur Radio market), however, the front plastic case has suffered major damage. I
am looking to replace the front case assembly and need a source. If you have a dead or buggy
02AT (has to have the TT pad opening), or know of an alternate source, then lets talk!

VY 73 de Steve

loeffler@mail.wiscnet.net

P.S. - I am also looking for a new battery case which one side of the plastic attachment slide
broke off.

2369. JARL Info Needed

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: CUNNINGHAM_A@whqvax.picker.com
Message-ID: <1996Sep4.145505.12995@picker.com>
Source record: 217467

Does anyone have a web site location for the
JARL in Japan ? Or an e-mail adderess?

I am looking for information on their grid
locator award program.

Tnx es 73 Al Cunningham N8AGU

e-mail to cunning@ct.picker.com

2370. Re: Questions

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <50k5v2$51h@lehi.kuentos.guam.net>
Source record: 217468
Cross-posted to: alt.radio.pirate,alt.radio.uk,rec.radio.amateur.misc,rec.radio.noncomm,rec.radio.amateur.policy

Martin Smith <martin@anglianet.co.uk> wrote:

>Market Research for Pirate Radio survey.

>Sex.

Yes, of course. At least three of four times a week.

>Age.

Well, I prefer younger women, in the #3 catagory.

>1. 15 and Under
>2. Between 16 and 19 years
>3. Between 20 and 30 years
>4. 30 and over.

>What ethnic group?

Asian women. I find them so much easier to get along with than American women.

>What Radio stations do you listen to?

Well, let's see. The last stations I listened to were KH6AFS, DL4JAN, SP0CUW, N6FU, and K7JYE.

>Do you listen to Pirate radio?

Unfortunatly, yes. But we don't call them pirates. We call them bootleggers, or slims. We have to listen to Chinese, Indonesian, and Philippino slims every day. Some countries just don't enforce the rules.

>Music choice. What are your choices in music that determine your radio choice?

None. We aren't allowed to play music on the radio. Against the rules.

>Why do you listen to those radio stations.
>Is it the Dj's; the general patter. Or what.

Because they called me. First, I call CQ, then they call me. Sometimes they call CQ, and I call them. But it doesn't do much good to talk on the radio if you aren't going to listen.

>Date of where you collected the information.

Yesterday.

>Are you a student at all

No. I have my extra class license, so I don't have to study anymore.

Hafa Adai,
Jim KH2D

2371. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: Don Labriola <labriola@popd.ix.netcom.com>
Message-ID: <322D9226.C56@popd.ix.netcom.com>
Source record: 217469
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

carl@ais.net wrote:
>
> In <50gr8e$jc9@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net (Jim Kehler) writes:

> As I've stated NUMEROUS times here, I'm a "with-code" tech ... 5wpm
> code, and the (old, fuller) General theory test. (at the FCC office)
>
> Carl - wa6vse
> carl@ais.net

Carl,

I also question as to whether or not the code makes sense - and also have the 20 WPM down and out of the way. A couple of friends LOVE to work that mode, and others avoid it like the plague... but rather than judging on what we call our form of enjoyment, aren't we looking for methods to locate and invite those who will help fulfill the HAM radio charter. What I have not yet seen in the discussions is an idea to allow the code as ONE of the ways to get the expanded privledges, with a technical route being the other. Any thoughts on making the passing of either the Commerical General Class test, or something of similiar difficulity an alternative to the code. This would allow the current routes to Extra to still exist, yet not keep the technical types out just because they don't want to "pound brass". Thoughts?

Don - N6CNB

2372. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep4.134221.4759@ke4zv.atl.ga.us>
Source record: 217470
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <50d88q$11o@anomaly.ideamation.com> kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:
>In <1996Sep1.081558.19222@ke4zv.atl.ga.us>,
> gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>
>>It is interesting to note that the 48% internet able figure quoted above
>>is significantly below the 70% figure recently reported for the general
>>amateur population.
>
>Only if the same definition of "internet-able" was used in both instances,
>and if the timeframe under which the survey was conducted was the same.
>
>In the first case, we don't know the definition of "internet-able" for
>both studies -- for instance, is "packet" considered "internet-able",
>since one can receive e-mail through a Inet<>Packet gateway?
>
>In the second case, the tremendous growth of the Internet means that
>more and more people are "getting connected" on a daily basis. This
>large growth could significantly skew the results of one survey over
>the other, depending on the timeframe under which each was conducted.

The two surveys are dated 6 months apart, with the ARRL member survey being the later one. I thought the contrast was interesting, but it doesn't necessarily say much about the technical competence of the two groups. After all, AOL has removed the necessity for many of us to buy diskettes thanks to their incessant mailings, so getting connected to the net isn't an indication of great technical accomplishment. It is a significant deviation between the general amateur population and that subset who are ARRL members, however.

I *suspect* it indicates that the ARRL membership has a larger percentage who don't own computers than the general amateur population. This may be because the ARRL membership is older than the general amateur population. While age alone isn't an indicator of technological obsolesence of skills, and I'm sure we all know examples of elderly people who are on top of the latest technics, it is true in general that the elderly are more set in their ways and less quick to adopt new ideas and new techniques than younger people, IE they've lost the sense of wonder and adventure that most younger people have. (Some young people seem born without it, and are "old" while still children, and some old people never lose it, but there is a difference in general between the groups according to age.)

I've even seen that here with some of the older (or at least older in spirit) members of our groups bemoaning the passing of the slide

rule for the electronic calculator, or the taking of square roots with only pencil and paper. Younger people have grown up with the calculator, and increasingly with the computer. It is a simple basic tool to them. To some older people, it is a mystery which they don't quite understand or trust.

To amateurs of whatever age who have retained a zest for learning, and an adventuresome spirit, new technics are their lifeblood. They can no more resist trying the latest thing than they can resist breathing. Those who have lost, or never had, that zest and spirit, probably can't understand this.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2373. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep4.143708.4947@ke4zv.atl.ga.us>
Source record: 217471
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <50brad$pat@lehi.kuentos.guam.net> pacrimgolf@kuentos.guam.net writes:
>gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>
>>It would be interesting to see figures which added up to 100% for
>>various mode usages to see where Morse operation really stands with
>>respect to other modes. For example, in my case Morse usage makes up
>>less than 1% of my amateur activity, and 100% of that is automatically
>>generated by the repeater controller.
>
>Oh, what the hell, Gary. Let's just say, for the sake of accurate data
>collection, your Morse code useage is 0%. That is, unless you want
>to count all the time that other people talk on your repeater as *your*
>amateur activity on FM.
>
>So what's that got to do with anything ? Excuse me if I sound crabby,
>I just woke up - with a keyboard in my face....

No problem, Jim. The point is that the 54% number is distorted by
people like me who rarely use Morse, but who had to answer yes to
the survey question about Morse (yes, I was one of the ones surveyed).
In other words, using that 54% survey number to show that 54% of HF
activity is in CW is totally bogus. That should also be obvious
because the total for all modes is larger than 100%.

If the survey reflected *usage* statistics, the total for all modes
would be exactly 100%. It isn't even close. The only real conclusion
we can draw from this data is that only 54% of amateurs *ever* use
Morse on the air for *anything*, even repeater IDs. And of course that
means 46% of amateurs *never* use Morse, except *once* to pass a test.
That's all we can say from this data. We can't draw any meaningful
usage statistics from it. We can get a bit of usage data from the
fact that the total for all modes *except* Morse also totals over 100%.
That would indicate that there are relatively few stations which use
Morse exclusively, and obviously, while they aren't using Morse, they
aren't contributing to Morse occupancy of amateur frequencies.

One could be tempted to argue that a test element on something nearly
half of tested amateurs never use shouldn't carry much weight on the
exam. But this isn't a valid argument. Test elements aren't supposed
to be about popularity. They are supposed to satisfy some legitimate
government concern. That concern used to be so that life safety services
with only Morse capability could warn off amateurs who were causing them
interference. With the cessation of Morse usage by the life safety
services, that concern has become moot. That leaves as the only rationale

for continued Morse testing its use as a "rite of passage". But that isn't a legitimate government concern. Government's purposes do not include running fraternity initiations.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2374. NEEDED: Galaxy 550 Manuals

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: Stephen H Ponder <sponder@milleniuminc.com>
Message-ID: <322DA4B0.7B08@milleniuminc.com>
Source record: 217472
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I recently acquired a Galaxy GT-550 HF transceiver (accompanied by the RV-550 Remote VFO). Does anybody out there have a manual for this rig? Maybe we could work out a deal with the cost of photo-copying and postage.

Thanks for your assistance!

Steve Ponder, N5WBI
--
****
########## Stephen H. Ponder Voice: +1 713 993 9387
########## Barrios Training Center Fax: +1 713 993 9967
Barrios Technology, Inc. Email: sponder@milleniuminc.com
12 Greenway Plaza, # 950
Houston, TX 77046-1201
USA
****
SunOS/Solaris/UNIX System Administration Instruction and Consulting
****

2375. Help: Yaesu FT-51R memory clearing

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: lwh@orian.mc.duke.edu
Message-ID: <lwh-0409961224270001@152.3.50.42>
Source record: 217473

How do you clear individual memory channels in Yaesu FT-51R ? Manual
describes how to
remove memory channel names but not memory channel itself. TNX

2376. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: cjs9@cornell.edu
Message-ID: <50kas5$i29@newsstand.cit.cornell.edu>
Source record: 217474

In article <50cqje$ffe@news.ais.net>, carl@ais.net says...

>What would be so onerous about requiring hams to return a card in a
>postage-paid return envelope, checking the box and indicating that they
>were, in fact, still alive and cared enough to reply??????
>
>As I said, it would allow the FCC to reclaim a LOT of SK callsigns,
>which they could re-issue for a fee under the new vanity call program,
>raising revenue that they might even apply to better enforcement
>programs.

any extra fees collected would go towards paying for your truly foolish
idea. You obivously have no concept of what such a survey would cost. The
vanity callsign fees would only cover a small portion of the cost of a
"complete" survey.

You would fair much better running for one of the ARRL offices, then you
would be in on the decision making process you claim that the ARRL has sole
posession of.

I myself do not favor a continuation of a code requirement, nor am I a
member of the ARRL. However I do believe that they have a much better Idea
of what is desired than any individual Ham. That the FCC chooses to listen
to them is, believe it or not, a good thing. They (the FCC) could be more
like the rest of our government and just do as they damn well please.

If it weren't for the ARRL pushing the codless tech license I would most
likely not be a Ham. I am glad they did and hope they keep pushing on our
behalf.
>
>It would ALSO let the FCC get a clear unbiased view of the REAL opinions
>of the US ham population, instead of the slanted, backward trash that
>the ARRL feeds them.

What makes you think that the powers that be at the FCC will really do what
we want if they have thrie own reasons contrary? If it doesn't work for the
ARRL then there is no reason to feel any different about the FCC.

Carl KB2SGX

--
Carl (Ex-Jarhead) Semper-Fi
KB2SGX -.- -... ---.. ... --. -..-
"For those who fought for it, freedom has a flavor the protected will
never know"
Unknown Marine, Khe Sahn, Viet Nam

2377. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <50jbog$2nf@news.Hawaii.Edu>
Source record: 217475

<carl@ais.net> wrote:
>License was MODIFIED (change of address) last May ... I've been licensed
>continuously since 1975.

Waiting 21 years for the skill test to be eliminated? I find that sad.
You've missed out on a lot of fun.

>I also hold a commercial license.

Certainly not the Radio Telegraph!!!!

KH2PZ

2378. Listserver of this....

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: modinaf@swsupp.ico.olivetti.com
Message-ID: <50jgku$9nd@lex.zippo.com>
Source record: 217476

Hi all,
I am looking for listserver of this newsgroup, please email direct
to modinaf@swsupp.ico.olivetti.com

Thanks 73 de IK1VCF

2379. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <50jcgs$3o1@news.Hawaii.Edu>
Source record: 217477

Steve - KF2TI <adell@planet.net> wrote:
>Remember this..if the US decides to go nocode HF, you still have the rest of
>the ITU to contend with. I have yet to see, other than the NEW Zealand
>proposal, ANY ITU country propose the removal of the code requirement

Hi Steve,
Japan's 4th Class license is an HF no-code certificate; they're limited
to 20W output, no WARC band privileges.

I don't like the fact that the JA government created such a permit, but
it is the exception. But we've actually got something a little similar: 11M.
No code necessary, and limited power in that slice of HF.

Jeff KH2PZ
dit dit

2380. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: Jim Cummings <jcumming@clark.dgim.doc.ca>
Message-ID: <322DF3EC.7AC1@clark.dgim.doc.ca>
Source record: 217478
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Joe Craig wrote:
>
> 24$kcn@news.ais.net> <32288A8D.4514@voicenet.com> <50apv3$cm1@news.ais.net>
<3229B5F9.7213@voicenet.com>
<50cvin$ffe@news.ais.net> <01bb99e6$0e9fc4a0$204d4486@
> :
> Distribution:
>

> : Absolutely. Moreover, the NBA seems to favor these "olde fartz" like
> : Michael Jordan, who don't use a ladder to drop a ball in a hoop. Why,
> : may I ask? It's the 90's, and ladders have been around for thousands
> : of years, man! Besides, what's the purpose of tossing a rubber ball
> : around, anyway? We need the space, and the money, so let's just
> : sell all basketball courts...
> : :-)
>
> : Joseph Camel
>
> Kind of like these mountain climbers. Don't they realise that
> helicopters are a much better and faster and more reliable
> means of getting to the top?

No doubt they do. But unlike in the amateur service where one must
submit oneself to an examination in order to confirm if the Pavlovian
conditioning attributed to learning Morse code has indeed been
successful, a helicopter pilot need not prove that he/she does not have
to prove that they have the skills to climb a mountain to reach the top
before they are allowed to do so in their conveyance of choice.
>
> --
> 73 Joe VO1NA

73 and live better digitally
Jim, VE3XJ

2381. Re: Anonymous poster caught: J. Mackey (was: Re: CB repeaters)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <50je84$5k8@news.Hawaii.Edu>
Source record: 217479

Frank Sved <dg198@FreeNet.Carleton.CA> wrote:
>I had to cut out the interchange. Were you paying attention Jeff? Are
>you still convinced that all your contributions are postitive and
>constructive?

Hi Frank,
All my constructive contributions go via private email and postal mail. I
send my other contributions via netnews to publically respond to the kooks.
Got to put a lock on that back door, or else PL this newsgroup.
KH2PZ

2382. US License Examination Opportunities Scheduled 9/4/96 to 12/9/96

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: "Bart Jahnke, KB9NM ARRL/VEC" <vec@arrl.org>
Message-ID: <322DD50A.4701@arrl.org>
Source record: 217480

You can Email the ARRL/VEC (or this page's content
administrator) at "vec@arrl.org".

*****>> When viewing this list, if the list appears to be cut
off (stops somewhere in the middle of the state's listings)
try downloading the entire file then viewing it off line.
Some WEB browser programs have exhibited this problem.

****

Have you recently passed your test? Find out your new call sign and/or
license privileges using the following World Wide Web URL (or by using
the phone number shown below):

http://www.ualr.edu/~hamradio/callsign.html

or look for this link from the ARRL WEB page at

http://www.arrl.org/

At ten (10 days) after the test session call 860-594-0300.

****

AMATEUR RADIO EXAMINATION OPPORTUNITIES

****

Want to find out what if your new FCC license has been granted?
Has it been 10 days since you took you examination?

If so, Call ARRL at 1-860-594-0300 (8 am to 9 pm weekdays, eastern time)
to find out. We suggest that you not call the FCC (should you choose to
call the FCC at 1-800-322-1117 during business hours, be aware that their
number is often busy).

Your hardcopy (printed) license would follow shortly after the license
grant is indicated in the FCC Amateur Service data base.

If your test was coordinated through the ARRL/VEC, license turnaround
time will be approximately 7-15 days. This includes 1-5 days for the
VE team to complete their processing (the team has up to 10 days before
they must mail the results), 3-5 days between the VE team and the VEC;
2 business days at the VEC (in some cases only 1 day); and 1-3 business
days at the FCC. Allow 5 business days from the date that the VE team
estimates the test session results will reach the VEC.

****

NEED AN FCC FORM 610?

The ARRL/VEC can supply you with your needed Forms 610, whether they be for the Reciprocal Permit for Alien Amateur Licensee, Form 610-A; Club/Military-Recreation/RACES station, Form 610-B; or Form 610 for Amateur Operator/Primary Station License. FCC Form 610-R is a computer generated renewal form that will be sent from the FCC (beginning September 1995) to licensees whose license is to expire within 90 days. Form 610-V is the special application for persons seeking a Vanity call sign (see below).

Several FCC forms, including Form 610, are available through the FCC's fax-on-demand service by calling 202-418-0177 (request form "000610" for Form 610, form "006108" for Form 610V).

You can obtain FCC Form 610V along with FCC form 1070V and FCC vanity call sign information fact sheet PR 5000, number 206v) by writing ARRL, 225 Main Street, Newington, CT 06111. You must include an SASE.

Form 610 or other forms, including Form 610V, are also available from the FCC via the internet at:

http://www.fcc.gov/Forms/

or

ftp://ftp.fcc.gov/pub/Forms/

The FCC Forms Distribution Center will accept FCC forms requests by calling 800-418-3676.

****

STILL NEED TO PREPARE FOR YOUR EXAM?

If you would like information on how to become licensed; or how to locate Amateur Radio clubs, instructors, licensing classes and/or Novice examiners in your area; please contact the ARRL Educational Activities Department (EAD) at 860-594-0301. The EAD can also provide information on recommended study materials. Electronic mail may be forwarded to the ARRL EAD via USENET at "ead@arrl.org" or via MCI Mail to MCI ID: 215-5052.

****

THINGS TO BRING TO EXAMINATIONS

Bring a photo ID along with a second form of identification (else bring two non-photo forms of ID); bring your original FCC license and a photocopy of your license (if you are currently licensed); bring the original and a copy of any Certificate(s) of Successful Completion of Examination (CSCEs); if necessary, bring a scientific calculator (that does not have the ability to store formulas); bring a pen and two pencils; and be sure to bring payment for the test fee

if charged by the VEC.

****

EXAMINATION CREDIT IS AVAILABLE AS FOLLOWS

By presenting an original, current FCC-license, the following
exam credit will be conveyed to the applicant by the VE Team:

Novice - Elements 1A and 2
Technician (dated after 2/14/91) - Elements 2 and 3A
(*)Technician (dated before 3/21/87) - Elements 1A, 2, 3A and 3B
Technician Plus - Elements 1A, 2 and 3A
General - Elements 1B, 2, 3A and 3B
Advanced - Elements 1B, 2, 3A, 3B and 4A
Extra - All elements

Footnote:

(*) For grandfather Element 3B credit, only an original license
or a copy which was issued on or before 3/21/87 is acceptable by VEs.
VECs may be able to allow such credit based upon an original CSCE
issued on before that date which shows Element 3 credit for passing
the (then) 50 question Technician/General written test. If such
documentation has been destroyed, the FCC will itself issue the
necessary verification. To obtain such verification, acceptable
by all VE Teams and VECs, write to FCC and request a "Letter of
Verification of Technician License Held Prior To March 21, 1987".
Mail (or fax 717-337-1541) your request to: FCC, 1270 Fairfield Rd,
Gettysburg PA 17325-7245. If you include reference to a fax number
in your reply, the FCC will fax your verification letter to you.
Normal turnaround at FCC is 3-5 business days after receipt.

By presenting an original Certificate of Successful Completion
of Examination (CSCE), the following credit is conveyed:

* For Technician licensees: A CSCE showing Element 1A, 1B or
1C credit qualifies the holder for Technician Plus HF privileges.
The CSCE may have been issued more than 365 days earlier.

* For others: A CSCE issued up to 365 days earlier conveys credit
for the element(s) shown as passed. A Physician's Certification
on a Form 610 is acceptable by a VE Team for 365 days after the
Physician's signature date. Once accepted by the VE Team,
assuming the applicant qualifies for a General or Advanced license,
a CSCE is issued showing Element 1C (or "Physician's Cert. and
Release: 1C") credit is valid for 365 days toward an Extra class
license.

****

The following test session information is provided by the
ARRL/VEC for the upcoming eight to twelve week period. For
further information, please contact the test session CONTACT

PERSON at the telephone number provided. If necessary, you
may contact the ARRL/VEC at 860-594-0300 for additional
information. Electronic mail may be forwarded to the ARRL/VEC
via USENET at "vec@arrl.org" or via MCI Mail to
MCI ID: 653-2312 or 215-5052.

Although the test session information presented here does
not indicate whether walk-ins are accepted or not, most test
sessions do allow walk-ins. We encourage you, however, to
always contact the CONTACT PERSON at the telephone number
provided so that the VE Team is aware that you be attending
the test session.

EXAM LISTINGS - DEFINITION OF FIELDS

STATE
Test Date,VEC,City,Zip-code,Contact Phone,Contact Person

The SECOND field in the following listing specifies the VEC
which is coordinating this examination. This single-character
designator denotes the VEC as defined below. An "A" (for example)
indicates that this examination is coordinated by the ARRL/VEC.

For further information on any examinations listed, or if you do not
find any examinations listed for your area, you may contact
any of the coordinating VECs below.

A = ARRL/VEC, 225 Main St, Newington, CT 06111; (d) 860-594-0300
The 1996 test fee is $6.05.

X = Anchorage ARC, 2628 Turnagain Parkway, Anchorage, AK 99517;
(d) 907-786-8121, (n) 907-243-2221 (or) 907-276-5121
(or) 907-274-5546. No fee.

C = Central Alabama VEC Inc., 1215 Dale Dr SE, Huntsville, AL 35801;
205-536-3904

E = Golden Empire ARS, PO Box 508, Chico, CA 95927; No phone.

G = Greater Los Angeles ARG, 9737 Noble Ave, Sepulveda, CA 91343;
818-892-2068, 805-822-1473.

J = Jefferson ARC, PO Box 24368, New Orleans, LA 70184-4368;
504-832-6803

K = Koolau ARC, 45-529 Nakuluai St, Kaneohe, HI 96744;
808-235-4132

L = Laurel ARC Inc., PO Box 3039, Laurel, MD 20709-0039;
(d) 301-572-5124, (n) 301-317-7819 or 301-588-3924

M = The Milwaukee RAC Inc., PO Box 25707, Milwaukee, WI 53225;
414-466-4267.

H = Mountain ARC, PO Box 10, Burlington, WV 26710; 304-289-3576,
301-724-0674

P = PHD ARA Inc., PO Box 11, Liberty, MO 64068-0011; 816-781-7313

R = Sandarc-VEC, PO Box 2446, La Mesa, CA 91943-2446; 619-465-3926.
No fee.

S = Sunnyvale VEC ARC, PO Box 60307, Sunnyvale, CA 94088-0307;
408-255-9000. The 1996 test fee is $6.00.

T = Triad Emergency ARC, 3504 Stonehurst Pl, High Point, NC 27265;
910-841-7576

W = Western Carolinas ARS VEC, 5833 Clinton Hwy - Suite 203,
Knoxville, TN 37912-2500; 423-688-7771. The 1996 test fee is $6.05.

5 = W5YI-VEC, PO Box 565101, Dallas, TX 75356-5101; 817-461-6443
The 1996 test fee is $6.05.

EXAMINATION OPPORTUNITIES IN YOUR AREA:

ALASKA
09/04/96,X,Anchorage,99501,907-243-2221,Roger Hansen
09/04/96,X,Eagle River,99517,907-343-8121,Roger Hansen
09/07/96,X,Fairbanks,99701,907-488-2488,Billy Connor
09/14/96,X,Anchorage,99501,907-243-2221,Roger Hansen
10/02/96,X,Anchorage,99501,907-243-2221,Roger Hansen
10/02/96,X,Eagle River,99517,907-343-8121,Roger Hansen
10/05/96,X,Fairbanks,99701,907-488-2488,Billy Connor
10/12/96,X,Anchorage,99501,907-243-2221,Roger Hansen
11/02/96,X,Fairbanks,99701,907-488-2488,Billy Connor
11/06/96,X,Anchorage,99501,907-243-2221,Roger Hansen
11/06/96,X,Eagle River,99517,907-343-8121,Roger Hansen
11/09/96,X,Anchorage,99501,907-243-2221,Roger Hansen
12/04/96,X,Anchorage,99501,907-243-2221,Roger Hansen
12/04/96,X,Eagle River,99517,907-343-8121,Roger Hansen
12/07/96,X,Fairbanks,99701,907-488-2488,Billy Connor

ALABAMA
09/06/96,C,Pelham,35203,205-803-1151,Jim Baker
09/07/96,A,Haleyville,35565,205-486-3017,Billy Crumpton
09/08/96,A,Clanton,35045,205-755-0214,Ray Jones
09/14/96,A,Fort Payne,35967,205-657-5204,Albert Bible
09/19/96,A,Decatur,35601,205-350-5454,Bill Blackburn
09/21/96,5,Sheffield,35660,205-389-8070,John Lambert, Jr
09/28/96,A,Albertville,35950,205-891-4720,William J Lane
09/28/96,A,Mobile,36606,334-479-8817,Louis McLeod Jr
09/28/96,A,Montgomery,36106,334-269-4201,Leroy Bell Jr
09/29/96,A,Mobile,36606,334-479-8817,Louis McLeod Jr
10/05/96,C,Birmingham,35203,205-681-3025,Chuck Hendricks
10/12/96,W,Gadsden,35901,205-492-8194,Gene McGlaughn
10/12/96,A,Scottsboro,35768,2056575204,Albert Bible
10/19/96,5,Sheffield,35660,205-389-8070,John Lambert, Jr

10/26/96,A,Albertville,35950,205-891-4720,William J Lane
10/26/96,A,Montgomery,36106,334-269-4201,Leroy Bell Jr
11/01/96,C,Pelham,35203,205-803-1151,Jim Baker
11/16/96,A,Fort Payne,35967,205-657-5204,Albert Bible
11/16/96,5,Sheffield,35660,205-389-8070,John Lambert, Jr
11/30/96,A,Albertville,35950,205-891-4720,William J Lane
11/30/96,A,Montgomery,36106,334-269-4201,Leroy Bell Jr
12/07/96,C,Birmingham,35203,205-681-3025,Chuck Hendricks

ARKANSAS
09/07/96,A,Jonesboro,72401,501-932-1660,Evelyn E Castleberry
09/10/96,A,Paragould,72450,501-236-3921,Dr Jay Springman
09/14/96,A,Benton,72015,501-847-2793,Mike L Porter, Sr
09/14/96,5,Magnolia,65747,501-234-1218,Larry Taylor
09/14/96,A,Siloam Springs,72761,501-524-8090,Michael Diaz KJ5OP
09/17/96,A,Searcy,72143,501-729-5489,Roger Gray
09/21/96,5,Van Buren,72952,501-471-1045,Philip Williams WA5P

09/28/96,5,Bentonville,72758,501-636-7689,Dean Garland
09/28/96,A,Fort Smith,72903,501-783-0542,Jerry Richards AB5SE
09/28/96,A,Little Rock,72205,501-835-5495,Elisha J "EJ"" Dixon Jr
10/01/96,A,Jacksonville,72076,501-982-6511,Vernon A Oberle
10/08/96,A,Conway,72032,501-329-1451,Glenn A King
10/08/96,A,Paragould,72450,501-236-3921,Dr Jay Springman
10/12/96,A,Benton,72015,501-847-2793,Mike L Porter, Sr
10/12/96,5,Magnolia,65747,501-234-1218,Larry Taylor
10/12/96,A,Siloam Springs,72761,501-524-8090,Michael Diaz KJ5OP
10/19/96,5,Van Buren,72952,501-471-1045,Philip Williams WA5P
10/23/96,5,Bentonville,72758,501-636-7689,Dean Garland
10/26/96,5,Hot Springs,71913,501-760-1181,Charles Jacques
10/26/96,A,Little Rock,72205,501-835-5495,Elisha J "EJ"" Dixon Jr
11/05/96,A,Jacksonville,72076,501-982-6511,Vernon A Oberle
11/09/96,A,Benton,72015,501-847-2793,Mike L Porter, Sr
11/09/96,A,Russellville,72801,501-641-2022,Ben Hillis
11/09/96,A,Siloam Springs,72761,501-524-8090,Michael Diaz KJ5OP
11/12/96,A,Conway,72032,501-329-1451,Glenn A King
11/12/96,A,Paragould,72450,501-236-3921,Dr Jay Springman
11/12/96,A,Searcy,72143,501-729-5489,Roger Gray
11/16/96,5,Magnolia,65747,501-234-1218,Larry Taylor
11/16/96,5,Van Buren,72952,501-471-1045,Philip Williams WA5P
11/23/96,A,Little Rock,72205,501-835-5495,Elisha J "EJ"" Dixon Jr
12/03/96,A,Jacksonville,72076,501-982-6511,Vernon A Oberle
12/07/96,A,Jonesboro,72401,501-932-1660,Evelyn E Castleberry

ARIZONA
09/14/96,R,Tucson,85748,602-886-7217,Joe Wong
09/14/96,5,Williams,86320,520-637-2358,Jerald Ellison
09/16/96,A,Mesa,85207,602-898-4066,Denise M Rospapa
09/21/96,A,Tucson,85705,520-682-7704,Ronny G Herring
09/28/96,A,Phoenix,85004,602-996-8148,Gary M Hamman
10/05/96,A,Flagstaff,86001,520-774-9221,Robert Eis

10/05/96,A,Phoenix,85001,602-972-8733,Ray Sumner, NW7R
10/12/96,R,Tucson,85748,602-886-7217,Joe Wong
10/19/96,A,Tucson,85705,520-682-7704,Ronny G Herring
10/21/96,A,Mesa,85207,602-898-4066,Denise M Rospapa
10/26/96,A,Phoenix,85004,602-996-8148,Gary M Hamman
11/02/96,A,Phoenix,85001,602-972-8733,Ray Sumner, NW7R
11/09/96,A,Prescott,86301,602-772-8539,Dave Rutledge
11/09/96,R,Tucson,85748,602-886-7217,Joe Wong
11/09/96,5,Williams,86320,520-637-2358,Jerald Ellison
11/16/96,A,Tucson,85705,520-682-7704,Ronny G Herring
11/18/96,A,Mesa,85207,602-898-4066,Denise M Rospapa
11/23/96,A,Phoenix,85004,602-996-8148,Gary M Hamman
12/07/96,A,Flagstaff,86001,520-774-9221,Robert Eis
12/07/96,A,Phoenix,85001,602-972-8733,Ray Sumner, NW7R

CALIFORNIA
09/04/96,5,Sacramento,95822,916-334-4887,Jim Lomax
09/06/96,A,Bakersfield,93301,805-765-2297,James M Phillips AA7IU
09/07/96,A,Cupertino,95014,408-243-8349,Emmett Freitas
09/07/96,A,San Rafael,94901,707-778-8504,Tom Miller
09/07/96,R,Santee,91942,619-466-8219,H M Knickerbocker
09/07/96,A,Stockton,95213,NOT AVAILABLE,Chet Jensen - Closed Session
09/08/96,A,Sacramento,95828,9163832113,Richard Addison
09/09/96,A,Bermuda Dunes,92201,619-345-8780,Don Doughty
09/09/96,A,Palm Desert,92260,619-346-3046,Maureen Hiemstra
09/10/96,5,Vallejo,94589,707-553-8625,Jose Tampinco
09/10/96,A,Yuba City,95991,916-673-0868,Homer Oliver
09/11/96,5,Hollywood,91607,818-766-1341,Elliott Bloch
09/13/96,A,Irvine,92717,714-824-8477,Jack C Lockhart WD6AEI
09/14/96,5,Bell,90201,213-560-8618,Pedro Cacheiro
09/14/96,R,Carlsbad,92026,619-747-5872,Louis B Massie
09/14/96,A,Culver City,90230,310-827-2538,Clive Morel AA6TZ
09/14/96,A,Culver City,90230,310-827-2538,Clive Morel
09/14/96,A,Fontana,92335,909-822-0392,Bill Hatch N6YTQ
09/14/96,A,Glendora,91740,818-966-7715,Perry Stevens P.R.C.
09/14/96,A,Goleta,93116,805-962-8957,Phil Beautrow KG6KB
09/14/96,A,Modesto,95350,209-883-2968,Chet Jensen
09/14/96,A,Redding,96001,916-243-6339,Kenna Pine
09/14/96,5,San Pedro,90710,310-325-2965,Elvin Lytle
09/14/96,S,Sunnyvale,94086,408-255-9000,Sunnyvale VEC
09/15/96,S,Berkeley,94704,408-255-9000,Sunnyvale VEC
09/15/96,A,Fresno,93703,209-431-2038,Charles McConnell, W6DPD
09/15/96,A,Hercules,94547,510-728-9915,William C Eugenio
09/16/96,5,San Diego,92154,619-575-5222,Carol Barrier
09/19/96,5,Fountain Valley,92708,714-531-6707,Allan Avnet
09/21/96,A,Arcata,95521,707-826-0767,Irma Ruegg KF6FY
09/21/96,A,Clearlake,95422,707-994-1133,Carol Oliver
09/21/96,A,Cupertino,95014,408-243-8349,Emmett Freitas
09/21/96,A,Oakhurst,93644,209-683-8772,Robert Tauxe W6JTA
09/21/96,5,Orange,90720,310-598-0086,Rick Riness

09/21/96,S,Porterville,93257,408-255-9000,Sunnyvale VEC
09/21/96,S,Redwood City,94063,408-255-9000,Sunnyvale VEC
09/21/96,A,Sacramento,95825,916-483-3293,Lyle Aufranc AA6DJ
09/21/96,R,San Diego,92104,619-464-0668,Robert Bostick
09/21/96,5,Santa Clarita,91322,805-259-8410,John Abbott
09/21/96,A,Sebastopol,95472,707-527-8593,Claude Jones
09/21/96,A,Stockton,95208,209-465-7496,Mark Tollini W6DKI
09/21/96,5,Westminster,92640,714-638-4057,Terry Hall
09/26/96,A,Colton,92324,909-825-7136,Harold Heydenfeldt
09/26/96,A,Palm Desert,92260,619-341-5142,Greg West
09/28/96,A,Anaheim,90201,714-636-7226,Nancy Bucher
09/28/96,R,Chula Vista,92150,619-428-8418,James Murphy
09/28/96,A,Culver City,90049,310-459-0337,Scott V Swanson
09/28/96,R,Escondido,92026,619-743-4212,Harry A Hodges
09/28/96,A,Fairfield,94588,916-791-0268,Richard Winter AB6EY
09/28/96,5,Garden Grove,92643,714-534-8633,John Gregory
09/28/96,A,Point Reyes,94956,415-663-5458,Allen Bond
09/28/96,A,Pomona,91769,909-949-0059,Donald Warburg WA6HNC
09/28/96,A,Santa Maria,93454,805-922-8509,Frank Gibson
09/28/96,A,Sonora,95370,209-962-7146,Carl H Croci
09/28/96,5,Torrance,96900,310-834-0558,Renato Santos
09/28/96,A,Wildomar,92595,909-244-3630,Charles Somol
09/29/96,A,Point Reyes,94956,415-663-5458,Allen Bond
09/29/96,S,Sunnyvale,94086,408-255-9000,Sunnyvale VEC
10/02/96,5,Sacramento,95822,916-334-4887,Jim Lomax
10/04/96,A,Lake Isabella,93240,619-379-2947,Thomas Corso
10/05/96,A,Cupertino,95014,408-243-8349,Emmett Freitas
10/05/96,A,Lancaster,93534,805-948-1865,Adrienne J Sherwood
10/05/96,R,Santee,91942,619-466-8219,H M Knickerbocker
10/06/96,S,Concord,94520,408-255-9000,Sunnyvale VEC
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11/22/96,5,Lilburn,30226,770-921-8362,Howie Gould W4NVF
11/26/96,A,Douglasville,30134,770-942-6466,Jesse C Clower
12/08/96,A,Cartersville,30120,404-974-7710,Michael P Mahaffey, AD4QB

HAWAII
12/07/96,A,Wailuku,96793,808-877-6084,Manuel J Silva

IOWA
09/08/96,A,Dubuque,52001,319-557-9149,Carl Clark N0KAX # below
09/13/96,A,Ames,50011,515-292-4504,FS Hird
09/13/96,A,Sioux City,51105,402-494-6070,Michael Nickolaus
09/16/96,A,Muscatine,52761,319-263-2177,Richard E Simpson
09/21/96,A,Ames,50011,515-292-4504,FS Hird
09/28/96,A,Essex,51638,712-379-3614,Ronald D Erickson
09/28/96,5,Fort Dodge,50501,515-576-5576,Rex S Moore
10/12/96,A,Clinton,52732,319-242-9486,Roger Gorzney
10/18/96,5,Winterset,50273,515-462-1342,John Sawhill
10/19/96,5,Mount Pleasant,52641,319-385-7458,Fred Neff
10/26/96,A,Council Bluffs,51503,712-322-1454,Lorraine Bogle
10/26/96,A,Essex,51638,712-379-3614,Ronald D Erickson
11/01/96,A,Sioux City,51105,402-494-6070,Michael Nickolaus
11/03/96,A,Cedar Falls,50613,319-292-8615,Jack Treloar
11/23/96,A,Essex,51638,712-379-3614,Ronald D Erickson
11/23/96,5,Fort Dodge,50501,515-576-5576,Rex S Moore
12/07/96,A,Ames,50011,515-292-4504,FS Hird
12/07/96,A,Dubuque,52001,319-557-9149,Carl E Clark

IDAHO
09/04/96,A,Athol,83801,208-683-2094,Robert Swain
09/04/96,5,Idaho Falls,83404,208-522-7347,Doug Jenson
09/10/96,A,McCall,83638,208-634-4466,Jeremy Alexander
09/14/96,A,Boise,83704,208-343-9153,Lem Allen
09/14/96,A,Sagle,83860,208-265-4534,Russell H Arndt
09/28/96,5,Payette,83661,208-642-2823,James Johnson
10/02/96,A,Athol,83801,208-683-2094,Robert Swain
10/02/96,5,Idaho Falls,83404,208-522-7347,Doug Jenson

10/08/96,A,McCall,83638,208-634-4466,Jeremy Alexander
10/12/96,A,Sagle,83860,208-265-4534,Russell H Arndt
10/19/96,5,Idaho Falls,83451,208-458-4259,William Farley
10/26/96,5,Payette,83661,208-642-2823,James Johnson
11/06/96,A,Athol,83801,208-683-2094,Robert Swain
11/06/96,5,Idaho Falls,83404,208-522-7347,Doug Jenson
11/09/96,A,Sagle,83860,208-265-4534,Russell H Arndt
11/12/96,A,McCall,83638,208-634-4466,Jeremy Alexander
11/23/96,5,Payette,83661,208-642-2823,James Johnson
12/04/96,A,Athol,83801,208-683-2094,Robert Swain

ILLINOIS
09/04/96,5,Carlinville,62626,217-854-8261,William Ogle
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09/05/96,5,Mt Carmel,62863,618-263-4008,Kenneth F Wood
09/07/96,5,Chicago,60628,312-468-4665,Maynard Nelson
09/07/96,5,Hoffman Estates,60007,847-593-8658,Larry Carr
09/07/96,A,Springfield,62703,217-523-5620,Richard F Drew
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09/08/96,A,Paris,61944,217-466-4315,John W Welch
09/09/96,A,Hanover Park,60107,708-483-8523,William Rudd
09/10/96,5,Taylorville,62568,217-287-1109,David Maskel
09/11/96,A,Chicago,60646,312-465-0981,Michael Leibovitz
09/13/96,A,Beardstown,62618,217-245-2061,Tim Childers
09/14/96,5,Arlington Hts,60004,847-437-1464,Frank Stankiewicz
09/14/96,5,Galesburg,61401,309-342-5977,Larry Heller
09/14/96,A,Oak Forest,60452,708-448-0580,David Brasel, NF9N
09/14/96,A,Sandoval,62882,618-532-6606,Alva L King, Jr
09/15/96,A,Peoria,61607,309-266-6756,James E Cusey
09/16/96,A,Libertyville,60048,708-362-2328,Gil Pilz Sr
09/17/96,A,Aurora,60540,708-879-2217,Alan Ahasic
09/17/96,5,De Kalb,60115,815-756-8493,Robin Cross
09/20/96,5,Elmhurst,60131,708-678-0580,Raymond Donley
09/21/96,A,Bolingbrook,60440,815-723-3332,Dale Onderisin KA9KHX
09/21/96,A,Lincoln,62656,217-782-9674,Gregory Gobleman
09/21/96,5,Loves Park,61111,815-877-6768,Dennis Eksten
09/24/96,A,Burr Ridge,60521,708-986-0061,Dennis Lamoreaux
09/26/96,5,Glen Ellyn,60138,708-325-5694,Lyle Long
09/28/96,A,Chicago,60620,312-233-0605,Harold Pritchard Jr
09/28/96,A,Effingham,62401,217-347-7346,Russ Thomas
09/28/96,A,Mt Carroll,61053,319-242-1281,James Berkey NI0Q
09/28/96,5,Oak Forest,60462,708-403-3721,Bob Marcheschi
09/28/96,A,Oglesby,61348,815-223-4402,Donald Houde
09/28/96,A,West Frankfort,62896,618-982-2286,Brent Stroud
09/29/96,A,Effingham,62401,217-347-7346,Russ Thomas
09/29/96,A,West Frankfort,62896,618-982-2286,Brent Stroud
10/04/96,A,Westmont,60559,708-964-6258,Don Hlinsky
10/05/96,5,Chicago,60628,312-468-4665,Maynard Nelson
10/05/96,5,Hoffman Estates,60007,847-593-8658,Larry Carr
10/05/96,A,Springfield,62703,217-523-5620,Richard F Drew

10/06/96,A,Danville,61832,217-442-3916,Bill KA9DSA for Directions
10/06/96,5,Hillsboro,62049,217-532-6277,David Boyd
10/06/96,A,West Frankfort,62896,618-982-2286,Brent Stroud
10/08/96,5,Taylorville,62568,217-287-1109,David Maskel
10/09/96,A,Chicago,60646,312-465-0981,Michael Leibovitz
10/10/96,5,Granite City,63042,314-524-3254,Harold Walton NZ0P
10/11/96,A,Beardstown,62618,217-245-2061,Tim Childers
10/12/96,5,Arlington Hts,60004,847-437-1464,Frank Stankiewicz
10/12/96,A,Mt Vernon,62864,618-242-7527,James R Hertenstein
10/12/96,A,Oak Forest,60452,708-448-0580,David Brasel, NF9N
10/14/96,A,Libertyville,60048,708-362-2328,Gil Pilz Sr
10/15/96,A,Aurora,60540,708-879-2217,Alan Ahasic
10/18/96,5,Elmhurst,60131,708-678-0580,Raymond Donley
10/19/96,5,Loves Park,61111,815-877-6768,Dennis Eksten
10/19/96,5,Morton,61550,309-266-6756,James Cussey
10/20/96,A,Champaign,61820,217-333-5018,Howard Eskridge
10/22/96,A,Burr Ridge,60521,708-986-0061,Dennis Lamoreaux
10/24/96,5,Glen Ellyn,60138,708-325-5694,Lyle Long
10/26/96,A,Chicago,60620,312-233-0605,Harold Pritchard Jr
10/26/96,5,Oak Forest,60462,708-403-3721,Bob Marcheschi
11/02/96,5,Chicago,60628,312-468-4665,Maynard Nelson
11/02/96,5,Hoffman Estates,60007,847-593-8658,Larry Carr
11/02/96,A,Springfield,62703,217-523-5620,Richard F Drew
11/03/96,5,Hillsboro,62049,217-532-6277,David Boyd
11/03/96,A,Paris,61944,217-466-4315,John W Welch
11/03/96,A,West Frankfort,62896,618-982-2286,Brent Stroud
11/06/96,5,Carlinville,62626,217-854-8261,William Ogle
11/08/96,A,Beardstown,62618,217-245-2061,Tim Childers
11/09/96,5,Arlington Hts,60004,847-437-1464,Frank Stankiewicz
11/09/96,A,Lincoln,62656,217-782-9674,Gregory Gobleman
11/09/96,A,Oak Forest,60452,708-448-0580,David Brasel, NF9N
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11/12/96,5,Taylorville,62568,217-287-1109,David Maskel
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11/15/96,5,Elmhurst,60131,708-678-0580,Raymond Donley
11/16/96,5,Loves Park,61111,815-877-6768,Dennis Eksten
11/19/96,A,Aurora,60540,708-879-2217,Alan Ahasic
11/19/96,5,De Kalb,60115,815-756-8493,Robin Cross
11/23/96,A,Chicago,60620,312-233-0605,Harold Pritchard Jr
11/23/96,5,Galesburg,61401,309-342-5977,Larry Heller
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12/07/96,5,Chicago,60628,312-468-4665,Maynard Nelson
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12/07/96,A,Springfield,62703,217-523-5620,Richard F Drew
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09/15/96,5,Kokomo,46902,317-453-6542,Will Puranen
09/18/96,A,Indianapolis,46201,317-259-7610,Pete Zinkan AA9HK
09/18/96,A,Indianapolis,46290,317-326-6168,Tom Donaldson N9LFU
09/20/96,5,South Bend,46615,219-232-6883,Alan Seifert
09/21/96,A,Anderson,46012,317-754-7167,Everett Riley
09/21/96,A,Franklin,46131,317-784-1044,David A Wendt
09/21/96,A,Michigan City,46360,219-874-3386,Robert Lyles K9ET
09/25/96,A,Pennville,47369,219-726-7721,Robert Sours
09/28/96,5,Columbia City,46723,219-693-9328,Jim Smith
09/28/96,A,Evansville,47712,812-421-9135,Terry L Brooks
09/28/96,A,Fort Wayne,46808,219-432-3181,Robert Girod
09/28/96,A,Highland,46322,219-923-8308,Charles Sufana
09/28/96,A,Lafayette,47905,317-423-1035,R D Martin
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09/29/96,A,Fort Wayne,46808,219-432-3181,Robert Girod
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10/05/96,A,Muncie,47305,317-288-0481,Peggy Coulter
10/06/96,A,Terre Haute,47807,812-466-2122,Fred Mahalek
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10/18/96,5,South Bend,46615,219-232-6883,Alan Seifert
10/19/96,A,Franklin,46131,317-784-1044,David A Wendt
10/19/96,W,New Albany,47150,812-246-6377,Dick Truax
10/26/96,A,Frankford,46060,317-325-2795,Arthur J Mendell
10/26/96,A,Highland,46322,219-923-8308,Charles Sufana
10/27/96,A,Angola,46703,419-485-4028,Joyce Collins
11/02/96,A,Bloomington,47401,812-336-6280,Herschel Lentz, N9EQY
11/02/96,A,New Castle,47362,317-288-0481,Peggy Coulter
11/09/96,A,Chesterton,46304,219-762-2887,William Peterson
11/09/96,A,Lafayette,47905,317-423-1035,R D Martin
11/15/96,A,Highland,46322,219-923-8308,Charles Sufana
11/15/96,5,South Bend,46615,219-232-6883,Alan Seifert
11/16/96,A,Franklin,46131,317-784-1044,David A Wendt
11/17/96,5,Kokomo,46902,317-453-6542,Will Puranen
11/20/96,A,Indianapolis,46201,317-259-7610,Pete Zinkan AA9HK
11/20/96,A,Indianapolis,46290,317-326-6168,Tom Donaldson N9LFU
11/24/96,5,Fort Wayne,46835,219-486-7647,John Fletter
11/30/96,5,Columbia City,46723,219-693-9328,Jim Smith
12/01/96,A,Auburn,46706,219-665-6777,Sandra K Parker
12/01/96,A,Terre Haute,47807,812-466-2122,Fred Mahalek
12/07/96,A,Bloomington,47401,812-336-6280,Herschel Lentz, N9EQY
12/07/96,A,Muncie,47305,317-288-0481,Peggy Coulter

KANSAS
09/05/96,A,Newton,67114,316-283-6042,Charles Dix
09/07/96,5,Topeka,66604,913-267-6455,Milo E McNall
09/13/96,5,Overbrook,66605,913-267-6455,Milo Mc Nall
09/28/96,A,Wamego,66547,913-456-8596,Charles Carter
10/03/96,A,Newton,67114,316-283-6042,Charles Dix
10/12/96,A,Topeka,66604,913-267-6455,Milo McNall
11/07/96,A,Newton,67114,316-283-6042,Charles Dix
11/08/96,5,Overbrook,66605,913-267-6455,Milo Mc Nall
11/16/96,A,Wamego,66547,913-456-8596,Charles Carter
12/05/96,A,Newton,67114,316-283-6042,Charles Dix

KENTUCKY
09/07/96,A,Louisville,40232,502-969-7332,Otis R Herron
09/08/96,A,Louisville,40232,502-969-7332,Otis R Herron
09/08/96,A,Morehead,40351,606-674-6815,Steven E Duley
09/14/96,W,Irvine,40336,606-723-4500,Dwaine Riddell
09/14/96,A,Radcliff,40160,502-351-7242,Rick Tinsley
09/18/96,A,Waddy,40076,502-839-4041,Jerry Shouse
09/19/96,A,Hopkinsville,42240,502-269-2574,Tom Westerfield
09/20/96,5,Owensboro,42301,502-683-5051,Stanley Spencer
09/20/96,A,Somerset,42501,606-679-2442,Norman Ard
09/28/96,A,Louisville,40214,502-969-7332,Otis Herron
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10/01/96,A,Middlesboro,40965,606-248-5078,Michael Harrell KD4XZ
10/06/96,A,Morehead,40351,606-674-6815,Steven E Duley
10/12/96,W,Irvine,40336,606-723-4500,Dwaine Riddell
10/12/96,A,Radcliff,40160,502-351-7242,Rick Tinsley
10/13/96,W,Lexington,40505,606-255-2123,Junior Carty
10/13/96,A,Maysville,41056,606-564-9838,Bob Drake N4VGI
10/14/96,5,Paducah,42003,502-444-7725,Bruce Huyck
10/16/96,A,Waddy,40076,502-839-4041,Jerry Shouse
11/03/96,A,Morehead,40351,606-674-6815,Steven E Duley
11/05/96,W,Hazard,41701,606-436-5354,John Farler
11/05/96,A,Middlesboro,40965,606-248-5078,Michael Harrell KD4XZ
11/09/96,W,Irvine,40336,606-723-4500,Dwaine Riddell
11/09/96,A,Louisville,40213,502-969-7332,Otis Herron
11/09/96,A,Radcliff,40160,502-351-7242,Rick Tinsley
11/20/96,A,Waddy,40076,502-839-4041,Jerry Shouse
11/22/96,5,Owensboro,42301,502-683-5051,Stanley Spencer
11/22/96,A,Somerset,42501,606-679-2442,Norman Ard
12/01/96,A,Morehead,40351,606-674-6815,Steven E Duley
12/03/96,W,Lexington,40505,606-255-2123,Junior Carty
12/03/96,A,Middlesboro,40965,606-248-5078,Michael Harrell KD4XZ
12/09/96,5,Paducah,42003,502-444-7725,Bruce Huyck

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09/21/96,5,Ruston,71270,318-377-2620,Frank C Morris
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10/12/96,5,Shreveport,71108,318-635-4652,Tony Hall

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11/04/96,A,Prairieville,70769,504-755-7966,Vickie Fountain KJ5IJ
11/09/96,A,West Monroe,71291,318-396-3507,Donald C Frantom, Sr
11/16/96,5,Ruston,71270,318-377-2620,Frank C Morris
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MASSACHUSETTS
09/04/96,A,Acton,01720,508-562-5622,Charles D McCarthy
09/08/96,A,Gloucester,01930,508-281-5641,Rick Maybury
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09/08/96,A,Shirley,01464,508-425-6672,Tom Sefrank WA1RHP
09/09/96,A,Boston,02115,617-593-1955,Bob Wondolowski
09/11/96,A,Billerica,01821,508-851-2886,Bruce Anderson
09/13/96,A,Ware,01082,413-967-7426,Tony Naglieri
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09/17/96,A,Stoughton,02072,508-583-3639,Bob Mandeville
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09/18/96,A,Lunenburg,01462,508-534-9377,Tom Duffy
09/21/96,A,Lynn,01964,508-468-2780,Herbert G Ryan
09/21/96,A,Melrose,02176,617-322-7654,Scott Kingsley
09/21/96,A,Melrose,02176,617-665-7654,Scott A Kingsley
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09/23/96,A,Greenfield,01301,413-665-6611,Richard Strycharz, Jr
09/27/96,A,Holyoke,01040,413-245-3228,Ann Mullen
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09/28/96,A,Worcester,01609,508-831-5435,Robert M Taylor
09/29/96,A,Shirley,01464,508-425-6672,Tom Sefrank WA1RHP
10/02/96,A,Acton,01720,508-562-5622,Charles D McCarthy
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10/06/96,A,Boxborough,01720,508-774-1765,Dexter Wheeler
10/06/96,A,Shirley,01464,508-425-6672,Tom Sefrank WA1RHP
10/09/96,A,Billerica,01821,508-851-2886,Bruce Anderson
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10/12/96,A,Brewster,02631,508-255-2818,Henry Fales, Jr
10/12/96,A,Falmouth,02540,617-674-2349,Ronald N Morris
10/12/96,A,Sturbridge,01566,413-283-4269,Dennis Parent N1SZB
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10/14/96,A,Boston,02115,617-593-1955,Bob Wondolowski
10/16/96,A,Lunenburg,01462,508-534-9377,Tom Duffy
10/19/96,A,Dennis,02638,508-255-2818,Henry H Fales Jr
10/19/96,A,Lynn,01964,508-468-2780,Herbert G Ryan
10/19/96,A,Melrose,02176,617-322-7654,Scott Kingsley
10/20/96,A,Shirley,01464,508-425-6672,Tom Sefrank WA1RHP
10/23/96,5,Cambridge,02139,617-253-3776,Nick Alterndburnd
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11/02/96,A,S Dartmouth,02748,508-991-6055,Lawrence Houbre
11/03/96,A,Shirley,01464,508-425-6672,Tom Sefrank WA1RHP
11/06/96,A,Acton,01720,508-562-5622,Charles D McCarthy
11/08/96,A,Ware,01082,413-967-7426,Tony Naglieri
11/10/96,A,Gloucester,01930,508-281-5641,Rick Maybury
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11/16/96,A,Lynn,01964,508-468-2780,Herbert G Ryan
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11/25/96,A,Greenfield,01301,413-665-6611,Richard Strycharz, Jr
12/01/96,A,Shirley,01464,508-425-6672,Tom Sefrank WA1RHP
12/04/96,A,Acton,01720,508-562-5622,Charles D McCarthy
12/08/96,A,Gloucester,01930,508-281-5641,Rick Maybury
12/08/96,A,Shirley,01464,508-425-6672,Tom Sefrank WA1RHP
12/09/96,A,Boston,02115,617-593-1955,Bob Wondolowski

MARYLAND
09/14/96,A,Baltimore,21211,410-668-2363,Adrian Nickles
09/21/96,L,Laurel,20707,301-572-5124,John Creel
09/29/96,A,Brunswick,21716,301-834-8831,Lester M Reynolds
10/06/96,5,Palmer Park,20785,301-773-2898,Freddie Battle
10/12/96,H,Cumberland,21501,304-289-3576,Leo Patterson
10/17/96,A,Towson,21204,,further info may be obtained
10/19/96,L,Laurel,20707,301-572-5124,John Creel
11/03/96,A,Palmer Park,20785,301-773-2898,Freddie Battle
11/09/96,A,Baltimore,21211,410-668-2363,Adrian Nickles
11/16/96,L,Laurel,20707,301-572-5124,John Creel
11/16/96,A,Manchester,21102,410-239-8488,Ed Davis, KF2EN
12/01/96,5,Palmer Park,20785,301-773-2898,Freddie Battle

MAINE
09/07/96,5,Windsor,04363,207-623-5107,Joseph Kozak
09/21/96,A,Lincoln,04457,207-794-3398,David Baker
09/27/96,A,Alfred,04002,207-985-4825,John DiLiddo
10/02/96,A,Brunswick,04011,207-725-5155,Stephen A Hanks
10/05/96,A,Houlton,04730,207-532-2823,Peter M Hurd N1SS
10/13/96,A,Yarmouth,04096,207-846-7734,Dick Jackson
10/19/96,A,Hermon,04401,207-843-6965,Kristen Hayward
10/22/96,A,Dixfield,04224,207-562-8979,Richard LaBrecque
10/22/96,A,Presque Isle,04769,207-455-8333,Wilburn Scott
10/26/96,5,Bucksport,04416,207-565-3634,Norman Veillette
11/02/96,A,Portland,04102,207-856-6192,Barnie Reynolds
11/09/96,A,Houlton,04730,207-532-2823,Peter M Hurd N1SS
11/15/96,A,Alfred,04087,207-324-1718,Albert Noble Jr
12/08/96,A,Yarmouth,04096,207-846-7734,Dick Jackson

MICHIGAN
09/07/96,5,Detroit,48034,810-471-6010,Dennis Mills
09/07/96,5,Mount Clemens,48036,810-468-8345,William Chesmey
09/07/96,A,Petoskey,49770,616-526-5503,Floyd A Davis
09/07/96,A,Saginaw,48602,517-624-9094,G Ed King
09/07/96,A,Whitehall,49461,616-894-8325,James Durham
09/13/96,A,Grand Rapids,49505,616-458-6000,John W Wittmann
09/14/96,A,Ann Arbor,48108,313-663-4625,Claybourne Mitchell
09/14/96,A,Dearborn,48128,313-676-6248,Motor City Radio Club
09/14/96,A,Flint,48507,810-639-7646,Rodney Brown
09/14/96,A,Mancelona,49646,616-258-2273,Jack Thomas
09/14/96,A,Marquette,49855,906-249-3837,Richard Schwenke
09/14/96,A,Port Huron,48060,810-364-9640,Leon T Switzer
09/14/96,A,Roscommon,48653,517-821-9427,Mark L Marsh
09/15/96,A,Mount Clemens,48043,810-294-1567,Donald Olszewski
09/21/96,A,Bay City,48708,517-892-1212,Deborah K Kirkbride
09/21/96,A,Flint,48501,810-634-6077,Bill Coale
09/21/96,5,Jackson,49203,517-782-1430,Richard McGuire KI8C
09/21/96,A,Kalamazoo,49001,616-345-8892,David Watt
09/28/96,A,Allegan,49010,616-673-5340,Bryan Lane
09/28/96,A,Tawas City,48763,517-362-6019,John La Rock
09/29/96,A,Stevensville,49127,616-429-7574,Larry Schrader
10/01/96,A,Oak Park,48237,810-642-3608,Jeff Albrecht, N8WRY
10/05/96,5,Mount Clemens,48036,810-468-8345,William Chesmey
10/05/96,A,Petoskey,49770,616-526-5503,Floyd A Davis
10/05/96,A,Whitehall,49461,616-894-8325,James Durham
10/07/96,A,Kalamazoo,49002,616-323-8123,William D Vantilburg
10/07/96,5,Portage,49081,616-323-8123,Bill Van Tilburg
10/11/96,A,Grand Rapids,49505,616-458-6000,John W Wittmann
10/12/96,A,Ann Arbor,48108,313-663-4625,Claybourne Mitchell
10/12/96,A,Flint,48507,810-639-7646,Rodney Brown
10/12/96,A,Houghton,49931,906-337-2542,George R Thurner, W8FWG
10/13/96,A,Stevensville,49127,616-429-7574,Larry Schrader
10/16/96,A,Grayling,49738,517-348-8663,Kenneth D Wright
10/19/96,A,Flint,48501,810-634-6077,Bill Coale
10/19/96,5,Jackson,49203,517-782-1430,Richard McGuire KI8C
10/19/96,A,Manistee,49660,616-723-2119,Elmer Stamp
10/19/96,5,Monroe,48182,313-854-2224,W Paul Trouten
10/26/96,A,Allegan,49010,616-673-5340,Bryan Lane
11/02/96,5,Iron Mountain,49801,906-246-3641,F D Le Quia
11/02/96,5,Iron Mountain,49801,906-246-3641,F D Le Quia
11/02/96,5,Mount Clemens,48036,810-468-8345,William Chesmey
11/02/96,A,Petoskey,49770,616-526-5503,Floyd A Davis
11/02/96,A,Whitehall,49461,616-894-8325,James Durham
11/08/96,A,Grand Rapids,49505,616-458-6000,John W Wittmann
11/09/96,A,Ann Arbor,48108,313-663-4625,Claybourne Mitchell
11/09/96,A,Dearborn,48128,313-676-6248,Motor City Radio Club
11/09/96,A,Flint,48507,810-639-7646,Rodney Brown
11/10/96,A,Stevensville,49127,616-429-7574,Larry Schrader
11/16/96,A,Flint,48501,810-634-6077,Bill Coale
11/16/96,5,Jackson,49203,517-782-1430,Richard McGuire KI8C

11/16/96,A,Kalamazoo,49001,616-345-8892,David Watt
11/16/96,A,Traverse City,49684,616-946-5312,Chuck Mellberg W8SGR
11/23/96,A,Allegan,49010,616-673-5340,Bryan Lane
12/02/96,A,Kalamazoo,49002,616-323-8123,William D Vantilburg
12/02/96,5,Portage,49081,616-323-8123,Bill Van Tilburg
12/03/96,A,Oak Park,48237,810-642-3608,Jeff Albrecht, N8WRY
12/07/96,5,Detroit,48034,810-471-6010,Dennis Mills
12/07/96,5,Mount Clemens,48036,810-468-8345,William Chesmey
12/07/96,A,Petoskey,49770,616-526-5503,Floyd A Davis
12/07/96,A,Whitehall,49461,616-894-8325,James Durham

MINNESOTA
09/12/96,A,Apple Valley,55124,612-432-0438,Bill Martin KA0CIR
09/14/96,A,Blaine,55434,612-571-7441,Arthur J Mundy
09/14/96,A,Bloomington,55431,612-888-9756,Daniel J Royer
09/14/96,A,N Branch,55056,612-444-9814,Bradley Fern
09/17/96,A,Duluth,55802,218-626-2590,Douglas J Nelson
09/21/96,A,Cottage Grove,55016,612-459-8678,David Harrell
09/28/96,A,Waite Park,56387,612-573-2613,Robert Bruner
10/07/96,A,Wadena,56482,218-837-5405,Barbara Ranson
10/10/96,A,Apple Valley,55124,612-432-0438,Bill Martin KA0CIR
10/12/96,A,Blaine,55434,612-571-7441,Arthur J Mundy
10/12/96,A,Bloomington,55431,612-888-9756,Daniel J Royer
10/15/96,A,Duluth,55802,218-626-2590,Douglas J Nelson
10/19/96,A,Cottage Grove,55016,612-459-8678,David Harrell
11/04/96,A,Wadena,56482,218-837-5405,Barbara Ranson
11/09/96,A,Blaine,55434,612-571-7441,Arthur J Mundy
11/09/96,A,Bloomington,55431,612-888-9756,Daniel J Royer
11/14/96,A,Apple Valley,55124,612-432-0438,Bill Martin KA0CIR
11/16/96,A,Cottage Grove,55016,612-459-8678,David Harrell
11/19/96,A,Duluth,55802,218-626-2590,Douglas J Nelson
11/23/96,A,N Branch,55056,612-444-9814,Bradley Fern
11/23/96,A,Waite Park,56387,612-573-2613,Robert Bruner
12/02/96,A,Wadena,56482,218-837-5405,Barbara Ranson

MISSOURI
09/05/96,5,Shell Knob,65747,417-858-2920,Travis Treat
09/07/96,5,Kimberling City,65686,417-739-2888,Jim Davis
09/08/96,A,Kirksville,63501,816-825-4721,Duane L Seibold
09/10/96,A,Columbia,65201,314-445-7030,Dewey Bennett
09/11/96,A,Camdenton,65020,573-369-3409,Ace J Hudson
09/11/96,5,Chillicothe,74447,918 756 4749,Jerry Wine
09/12/96,A,Jefferson City,65101,573-635-3362,Alan Braun
09/16/96,A,Buffalo,65622,417-345-8923,Allan Campbell
09/21/96,A,St Louis,63135,314-510-3223,Ronald Lemons
09/28/96,5,Kansas City,64117,816-453-8028,Harold Wiliams
09/28/96,A,Rolla,65401,573-364-4885,Charles Konop
10/03/96,5,Shell Knob,65747,417-858-2920,Travis Treat
10/05/96,A,Hannibal,63401,314-221-8618,Clifford H Ahrens
10/05/96,5,Kimberling City,65686,417-739-2888,Jim Davis
10/07/96,A,Jackson,63957,314-866-2622,Gerald Grasso

10/08/96,A,Columbia,65201,314-445-7030,Dewey Bennett
10/09/96,A,Camdenton,65020,573-369-3409,Ace J Hudson
10/10/96,A,Jefferson City,65101,573-635-3362,Alan Braun
10/13/96,A,Kirksville,63501,816-825-4721,Duane L Seibold
10/19/96,A,Springfield,65804,417-889-6775,James W Thorpe
10/19/96,A,St Louis,63135,314-510-3223,Ronald Lemons
10/26/96,5,Kansas City,64117,816-453-8028,Harold Wiliams
10/27/96,A,Brookfield,64628,816-258-7445,Ronald Asher
11/02/96,5,Kimberling City,65686,417-739-2888,Jim Davis
11/04/96,A,Jackson,63957,314-866-2622,Gerald Grasso
11/07/96,5,Shell Knob,65747,417-858-2920,Travis Treat
11/10/96,A,Kirksville,63501,816-825-4721,Duane L Seibold
11/12/96,A,Columbia,65201,314-445-7030,Dewey Bennett
11/13/96,A,Camdenton,65020,573-369-3409,Ace J Hudson
11/13/96,5,Chillicothe,74447,918 756 4749,Jerry Wine
11/14/96,A,Jefferson City,65101,573-635-3362,Alan Braun
11/16/96,A,St Louis,63135,314-510-3223,Ronald Lemons
12/02/96,A,Jackson,63957,314-866-2622,Gerald Grasso
12/07/96,5,Kimberling City,65686,417-739-2888,Jim Davis
12/08/96,A,Kirksville,63501,816-825-4721,Duane L Seibold

MISSISSIPPI
09/08/96,A,Laurel,39440,601-729-8087,Lee P Matthews
09/10/96,A,Ocean Springs,39564,601-875-0222,Stanley Hecker
10/05/96,A,Biloxi,39507,601-868-3450,Tommy Jackson KB5OGM
10/06/96,A,Biloxi,39507,601-868-3450,Tommy Jackson KB5OGM
10/08/96,A,Ocean Springs,39564,601-875-0222,Stanley Hecker
10/12/96,5,Hattiesburg,39401,601-583-0313,Walter Shields
11/09/96,5,Hattiesburg,39401,601-583-0313,Walter Shields
11/12/96,A,Ocean Springs,39564,601-875-0222,Stanley Hecker
12/01/96,A,Laurel,39440,601-729-8087,Lee P Matthews

MONTANA
09/09/96,5,Helena,59601,406-442-7107,John Geach
09/21/96,5,Kalispell,59901,406-756-8633,Darrell Christophers
09/23/96,A,Miles City,59301,406-232-3401,C Robin Brooks
09/28/96,A,Billings,59101,406-656-6987,Donald Whitcomb
09/30/96,A,Hamilton,59840,406-961-2489,James R Wood Sr
10/11/96,5,Wolf Point,59225,406-392-5751,Loren Nichols
10/28/96,A,Hamilton,59840,406-961-2489,James R Wood Sr
10/28/96,A,Miles City,59301,406-232-3401,C Robin Brooks
11/04/96,5,Helena,59601,406-442-7107,John Geach
11/16/96,A,Billings,59101,406-656-6987,Donald Whitcomb
11/21/96,5,Kalispell,59901,406-756-8633,Darrell Christophers
11/25/96,A,Hamilton,59840,406-961-2489,James R Wood Sr
11/25/96,A,Miles City,59301,406-232-3401,C Robin Brooks

NORTH CAROLINA
09/07/96,W,Shelby,28150,704-937-9697,Bobby Fisher
09/08/96,5,Monroe,28110,803-286-5299,Charles Teague
09/10/96,A,Buies Creek,27506,910-897-2550,Mark Hammond

09/14/96,A,Durham,27703,919-494-2088,Terrence J Murphy
09/14/96,A,Fayetteville,28356,,Robert Doyle
09/14/96,5,Jefferson,28643,910-384-2870,Chet Rataski
09/14/96,W,Leicester,28748,704-683-1400,Larry E York
09/14/96,W,Shelby,28150,704-937-9697,Bobby Fisher
09/14/96,A,Yadkinville,27055,910-961-8741,Steve Hutchens
09/21/96,A,Clinton,28328,910-592-5926,Joseph P Powell
09/21/96,T,Lexington,27292,910-841-7576,Jim Williamson NQ4T
09/21/96,A,Morehead City,28557,919-247-6240,Cecil Pennington
09/21/96,A,Smithfield,27577,919-554-2154,David Hockaday
09/26/96,A,Washington,27889,919-975-6098,Robert Richardson KR4TW
09/28/96,A,Franklin,28734,704-369-6820,A.S. (Jack) Coriell
09/28/96,A,Morganton,28655,704-433-6205,Thomas D Taylor Sr
09/28/96,A,New Bern,28562,919-633-3178,Charlie Gould
09/28/96,A,Rocky Mount,27804,919-442-6131,William P Thomas
09/29/96,A,Clemmons,27012,910 766 8667,David Fleming
09/29/96,A,New Bern,28562,919-633-3178,Charlie Gould
09/29/96,A,Winston-Salem,27102,910-766-8667,David Fleming
10/12/96,A,Franklinton,27525,919-494-2088,Terry Murphy
10/12/96,A,Hillsborough,27278,919-644-8681,David J. Snyder
10/12/96,A,Wilmington,28412,910-791-1566,Jack Jacobs
10/19/96,W,Asheville,28748,704-628-2681,Don Linn
10/19/96,A,Smithfield,27577,919-554-2154,David Hockaday
10/19/96,W,Spindale,28076,704-657-5464,F Bruce Tessinear
10/26/96,A,Morganton,28655,704-433-6205,Thomas D Taylor Sr
11/02/96,W,Brevard,28712,704-877-4757,W Harrison Whitlock
11/02/96,A,Statesville,28677,704-873-4446,Tim Misenheimer
11/04/96,A,Buies Creek,27506,910-897-2550,Mark Hammond
11/09/96,W,Burnsville,28714,704-675-9044,David McCarty
11/09/96,A,Durham,27703,919-494-2088,Terrence J Murphy
11/09/96,5,Jefferson,28643,910-384-2870,Chet Rataski
11/09/96,W,Robbinsville,28771,704-479-3173,Janet Ward
11/16/96,A,Clinton,28328,910-592-5926,Joseph P Powell
11/16/96,T,Lexington,27292,910-841-7576,Jim Williamson NQ4T
11/16/96,A,Morehead City,28557,919-247-6240,Cecil Pennington
11/16/96,A,Smithfield,27577,919-554-2154,David Hockaday
11/17/96,W,Asheville,28787,704-645-3511,Steve Lanford
11/23/96,A,Morganton,28655,704-433-6205,Thomas D Taylor Sr
11/23/96,A,Rocky Mount,27804,919-442-6131,William P Thomas
11/28/96,A,Washington,27889,919-975-6098,Robert Richardson KR4TW
11/30/96,W,Hendersonville,28806,423-688-7771,WCARS VEC
12/07/96,W,Shelby,28150,704-937-9697,Bobby Fisher

NORTH DAKOTA
09/28/96,A,Jamestown,58401,701-251-2035,Tom Spafford

NEBRASKA
09/07/96,A,Ogallala,69153,308-284-6397,Mark D Skinner
10/26/96,A,Lincoln,68521,402-486-1400,John Hauner

NEW HAMPSHIRE
09/14/96,A,Nashua,03060,603-672-4035,James Heedles
09/28/96,A,Newport,03773,603-542-4906,Leigh A Damren, WB1EAE
10/17/96,A,Salem,03079,603-434-4490,Denise Cabana
10/19/96,A,Rochester,03867,603-742-0130,William Dodge
10/24/96,A,Salem,03079,603-434-4490,Denise Cabana
12/07/96,A,Newport,03773,603-542-4906,Leigh A Damren, WB1EAE

NEW JERSEY
09/04/96,5,Paterson,07072,201 935 4840,John Chooljian
09/11/96,A,Fort Monmouth,07703,908-532-5354,Gerald Silverman
09/14/96,A,Cranford,07016,908-819-0678,Eldred A Moore (Drew)
09/17/96,A,Essex Fells,07932,201-377-4776,Ken Roser
09/18/96,A,Sussex,07461,201-875-4961,Raymond Czyzewski, Jr
09/19/96,5,Bellmawr,08099,609-939-3032,William O'Donnell
09/28/96,A,Dennisville,08214,609-884-8117,John Chester AA2TZ
09/28/96,A,Raritan,08869,908-968-6911,Marty Ficke KD2QK
10/01/96,A,Westfield,07091,908-704-9700,Steve Ostrove
10/07/96,A,Sayreville,08872,908-754-5800,Larry Makoski
10/09/96,A,Fort Monmouth,07703,908-532-5354,Gerald Silverman
10/12/96,A,Cranford,07016,908-819-0678,Eldred A Moore (Drew)
10/13/96,A,Lincroft,07738,908-532-5354,Gerald Silverman, WB2GYS
10/15/96,A,Essex Fells,07932,201-377-4776,Ken Roser
10/17/96,5,Bellmawr,08099,609-939-3032,William O'Donnell
10/19/96,A,Jackson,08527,908-270-2625,John Glowacki
10/26/96,A,Dennisville,08214,609-884-8117,John Chester AA2TZ
11/04/96,A,Sayreville,08872,908-754-5800,Larry Makoski
11/09/96,A,Cranford,07016,908-819-0678,Eldred A Moore (Drew)
11/13/96,A,Fort Monmouth,07703,908-532-5354,Gerald Silverman
11/14/96,5,Paterson,07072,201 935 4840,John Chooljian
11/19/96,A,Essex Fells,07932,201-377-4776,Ken Roser
11/21/96,5,Bellmawr,08099,609-939-3032,William O'Donnell
12/02/96,A,Sayreville,08872,908-754-5800,Larry Makoski
12/07/96,A,Raritan,08869,908-968-6911,Marty Ficke KD2QK

NEW MEXICO
09/08/96,A,Las Cruces,88001,505-524-3303,Karl Larsen
09/17/96,A,Los Alamos,87544,505-662-9155,James S Griffiths, KB3EI
09/21/96,A,Las Cruces,88005,505-527-1693,Bill Klein
09/21/96,A,Las Cruces,88001,505-524-3303,Karl Larsen
11/09/96,5,Albuquerque,87110,505-299-4128,Peter De Wolf
11/19/96,A,White Rock,87544,505-672-1007,Michael E Smith
11/21/96,A,Los Alamos,87544,505-662-9155,James S Griffiths, KB3EI

NEVADA
09/05/96,A,Jackpot,89825,208-423-4595,Dan Etherington KI7CC
09/07/96,A,Henderson,89015,702-565-0242,Janet Welsh
09/13/96,A,Tonopah,89049,702-482-9860,Lou Purdy KJ7HE
09/21/96,A,Elko,89801,702-738-7110,Joe Giraudo
09/21/96,A,Minden,89423,702-265-4278,George S Uebele
09/21/96,A,Pahrump,89041,702-727-1725,Kenneth L. Bales
10/05/96,A,Henderson,89015,702-565-0242,Janet Welsh

10/19/96,A,Reno,89502,702-826-0329,Jesse L Bond
11/02/96,A,Henderson,89015,702-565-0242,Janet Welsh
11/16/96,A,Minden,89423,702-265-4278,George S Uebele
12/07/96,A,Henderson,89015,702-565-0242,Janet Welsh

NEW YORK
09/05/96,5,Camillus,13031,315-468-2540,John M Patchett II
09/05/96,5,Rochester,14620,716-621-7678,Mike Eeckhout
09/06/96,A,Oriskany,13424,315-732-7078,Richard Roberts KB2HGM
09/07/96,A,Islip,11751,516-234-0589,Addison Levi
09/09/96,A,Schenectady,12304,518-399-1793,Charles Haynes, KA2VNP
09/10/96,5,Hicksville,11725,516-499-2214,Robert Wexelbaum
09/10/96,A,Pomona,10970,914-357-0712,Steve Koeper
09/11/96,A,Lancaster,14086,716-937-3592,Charles Koester
09/14/96,5,Arcade,14437,716-335-3804,Barbara Weirich
09/14/96,A,Ballston Spa,12180,518-885-4933,Lenny Leger
09/14/96,A,Modena,12548,914-566-0936,Dan Conna
09/15/96,A,St Albans,11412,718-981-8876,Gwen (Vikki) Neal
09/16/96,A,New York,10025,212-854-3754,Alan Crosswell N2YGK
09/17/96,5,Pelham,10803,914-738-5775,Mike Ciferri
09/20/96,5,Verona,13478,315-853-8974,Leonard Popyack
09/21/96,A,Huntington,11743,516-266-3192,Joseph Coffield
09/21/96,A,Kingston,12401,914-876-2963,Robert Micrie KY2J
09/21/96,A,Plattsburg,12901,518-873-2189,Leslie Schmarder
09/22/96,A,N Lindenhurst,11757,516-422-9684,Tom Carrubba KA2DFO
09/22/96,A,Suffern,10970,914-357-0712,Steve Koeper, KF2JA
09/22/96,A,Yonkers,10704,914-969-1053,Otto Supliski
09/24/96,A,Brooklyn,11214,718-948-2290,Harvey J Bird KB2EA
09/25/96,A,Troy,12180,518-439-7357,Nels Williams, WB2SBO
09/28/96,A,Blue Point,11743,516-224-7114,Leonard Buonaiuto
09/28/96,A,Carmel,10512,914-736-0368,Malcom G Pritchard
09/28/96,A,Jamestown,14701,716-483-3365,Randall Bargar
09/28/96,5,Rochester,14623,716-334-1533,George Platteter
09/28/96,A,White Plains,10601,914-285-3029,Sandy Fried
09/30/96,A,New York,10023,212-456-5224,Jerry Cudmore
10/03/96,5,Camillus,13031,315-468-2540,John M Patchett II
10/03/96,5,Rochester,14620,716-621-7678,Mike Eeckhout
10/04/96,A,Oriskany,13424,315-732-7078,Richard Roberts KB2HGM
10/05/96,A,Islip,11751,516-234-0589,Addison Levi
10/06/96,A,Yonkers,10710,914-237-5589,Emily Maytan AC2V
10/07/96,A,Schenectady,12304,518-399-1793,Charles Haynes, KA2VNP
10/08/96,5,Hicksville,11725,516-499-2214,Robert Wexelbaum
10/08/96,A,Pomona,10970,914-357-0712,Steve Koeper
10/10/96,A,White Plains,10601,914-285-3029,Sandy Fried
10/12/96,5,Arcade,14437,716-335-3804,Barbara Weirich
10/12/96,A,Troy,12180,518-439-7357,Nels Williams, WB2SBO
10/16/96,A,Lancaster,14086,716-937-3592,Charles Koester
10/18/96,A,Southold,11971,516-323-3646,Ralph Williams
10/18/96,5,Verona,13478,315-853-8974,Leonard Popyack
10/19/96,A,Huntington,11743,516-266-3192,Joseph Coffield

10/19/96,5,Rochester,14623,716-334-1533,George Platteter
10/20/96,A,Melville,11747,516-732-0037,George Martin
10/20/96,A,Suffern,10970,914-357-0712,Steve Koeper, KF2JA
10/21/96,A,New York,10025,212-854-3754,Alan Crosswell N2YGK
10/26/96,A,Bath,14810,607-569-2353,James White, KV2W
10/26/96,A,Blue Point,11743,516-224-7114,Leonard Buonaiuto
10/27/96,A,N Lindenhurst,11757,516-422-9684,Tom Carrubba KA2DFO
10/28/96,A,New York,10023,212-456-5224,Jerry Cudmore
10/29/96,A,Brooklyn,11214,718-948-2290,Harvey J Bird KB2EA
11/01/96,A,Oriskany,13424,315-732-7078,Richard Roberts KB2HGM
11/02/96,A,Islip,11751,516-234-0589,Addison Levi
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11/07/96,5,Rochester,14620,716-621-7678,Mike Eeckhout
11/09/96,5,Arcade,14437,716-335-3804,Barbara Weirich
11/09/96,A,Troy,12180,518-439-7357,Nels Williams, WB2SBO
11/10/96,5,Bronx,10454,718-993-3269,Ruben Alala
11/12/96,5,Hicksville,11725,516-499-2214,Robert Wexelbaum
11/12/96,A,Pomona,10970,914-357-0712,Steve Koeper
11/15/96,5,Verona,13478,315-853-8974,Leonard Popyack
11/16/96,A,Huntington,11743,516-266-3192,Joseph Coffield
11/16/96,A,Modena,12548,914-566-0936,Dan Conna
11/16/96,5,Rochester,14623,716-334-1533,George Platteter
11/18/96,A,New York,10025,212-854-3754,Alan Crosswell N2YGK
11/18/96,A,New York,10023,212-456-5224,Jerry Cudmore
11/19/96,5,Pelham,10803,914-738-5775,Mike Ciferri
11/20/96,A,Schenectady,12308,518-399-1793,Charlie Haynes KA2VNP
11/23/96,A,Blue Point,11743,516-224-7114,Leonard Buonaiuto
11/24/96,A,N Lindenhurst,11757,516-422-9684,Tom Carrubba KA2DFO
11/24/96,A,Suffern,10970,914-357-0712,Steve Koeper, KF2JA
11/26/96,A,Brooklyn,11214,718-948-2290,Harvey J Bird KB2EA
12/02/96,A,Schenectady,12304,518-399-1793,Charles Haynes, KA2VNP
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12/05/96,5,Camillus,13031,315-468-2540,John M Patchett II
12/05/96,5,Rochester,14620,716-621-7678,Mike Eeckhout
12/06/96,A,Oriskany,13424,315-732-7078,Richard Roberts KB2HGM
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12/08/96,5,Bronx,10454,718-993-3269,Ruben Alala
12/09/96,A,New York,10023,212-456-5224,Jerry Cudmore

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09/07/96,A,Cincinnati,45216,513-891-7556,Herbert C Blasberg
09/07/96,A,Colerain,43916,614-546-3930,Ralph A McDonough
09/08/96,A,Independence,44131,216-642-1399,Gary Dewey
09/09/96,5,Findlay,45839,419-423-1339,Fred Laube
09/14/96,A,Indian Springs,45011,513-868-7012,Ted Wilson
09/14/96,A,Maumee,43537,419-693-3023,Ross H Mergenthaler
09/14/96,A,Proctorville,45669,614-894-5541,James Brown KA8ZZI
09/14/96,A,Van Wert,45891,419-795-5763,Robert E High
09/14/96,A,Westerville,43081,614-861-6916,William Tabor, K8NIO

09/19/96,A,Youngstown,44502,216-534-1394,James Viele
09/21/96,A,Beavercreek,45432,513-426-6699,Francis Swope
09/21/96,5,Portsmouth,45657,614-372-5811,Jack King
09/22/96,A,Middleburg Hts,43336,216-842-3703,Lenny Orzech Jr
09/28/96,A,Akron,44319,216-336-7975,John Riding KB8UHV
09/28/96,A,Cincinnati,45216,513-574-1653,James Reilly
09/28/96,A,Delta,43515,419-826-7401,Tom Copeland N8MAV
09/28/96,A,Fremont,43420,419-334-2728,Chuck Foster Sr
09/28/96,A,Hubbard,44425,216-534-1394,James Viele
09/28/96,A,Lisbon,44432,216-532-3131,Evelyn Mc Intosh Pastora
09/28/96,A,Mount Vernon,43050,614-625-5504,Michael W White
09/28/96,A,Springfield,45506,513-324-0613,Tim Boldman
09/29/96,A,Cleveland,44135,216-433-5643,Nancy Rabel Hall
09/29/96,A,Coshocton,43812,614-623-0413,Hawood Giles, AA8UW
09/29/96,A,Fremont,43420,419-334-2728,Chuck Foster Sr
10/01/96,A,Canfield,44515,216-799-6832,Frank L Mc Cormick
10/05/96,A,Cincinnati,45216,513-891-7556,Herbert C Blasberg
10/05/96,A,Mentor,44060,216-256-0320,R Scott Farnham
10/06/96,A,Eaton,45320,513-456-3229,Jeffry Blackmon
10/09/96,5,Middletown,45042,513 423 5893,Donald Viel
10/12/96,5,Findlay,45839,419-423-1339,Fred Laube
10/12/96,A,Georgetown,45121,513-734-7321,Raymond Day
10/12/96,A,Indian Springs,45011,513-868-7012,Ted Wilson
10/12/96,A,Maumee,43537,419-693-3023,Ross H Mergenthaler
10/12/96,5,Van Wert,45891,419-795-5763,Robert E High
10/16/96,A,Dayton,45402,937-837-0271,L T Jones W8RLW
10/16/96,5,Martins Ferry,43940,614-676-3056,Allan Olexa
10/19/96,A,Greenville,45331,513-548-3010,Leon Harshbarger N8QAL
10/19/96,A,Mansfield,44903,419-524-1105,Scott Yonally KC8SS
10/20/96,A,Lancaster,43130,614-654-8167,Allen Sellers
10/26/96,A,Delta,43515,419-826-7401,Tom Copeland N8MAV
11/02/96,A,Cincinnati,45216,513-891-7556,Herbert C Blasberg
11/03/96,A,Eaton,45320,513-456-3229,Jeffry Blackmon
11/03/96,A,Marion,43302,614-499-3565,Stephen Eckard
11/04/96,A,Akron,44314,216-733-4495,Paul Davis K8NQT
11/04/96,A,Newark,43055,614-587-1223,Joe Santo
11/05/96,A,Canfield,44515,216-799-6832,Frank L Mc Cormick
11/09/96,A,Indian Springs,45011,513-868-7012,Ted Wilson
11/09/96,A,Maumee,43537,419-693-3023,Ross H Mergenthaler
11/09/96,A,Proctorville,45669,614-894-5541,James Brown KA8ZZI
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11/09/96,A,Westerville,43081,614-861-6916,William Tabor, K8NIO
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11/16/96,5,Portsmouth,45657,614-372-5811,Jack King
11/21/96,A,Youngstown,44502,216-534-1394,James Viele
11/23/96,A,Delta,43515,419-826-7401,Tom Copeland N8MAV
11/24/96,A,Millersburg,44654,216-359-5527,Rose Emick KB8RQU
11/27/96,5,Middletown,45042,513 423 5893,Donald Viel
11/30/96,A,Canton,44705,216-837-2927,Gary Kline
11/30/96,A,Fremont,43420,419-334-2728,Chuck Foster Sr

12/01/96,A,Eaton,45320,513-456-3229,Jeffry Blackmon
12/03/96,A,Canfield,44515,216-799-6832,Frank L Mc Cormick
12/07/96,A,Cincinnati,45216,513-891-7556,Herbert C Blasberg
12/07/96,A,Mentor,44060,216-256-0320,R Scott Farnham
12/08/96,A,Coshocton,43812,614-623-0413,Hawood Giles, AA8UW

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09/07/96,A,Broken Arrow,74012,918-251-3449,Sam Morris
09/07/96,A,Vinita,74301,918-256-2297,Bill Koon
09/08/96,5,Stillwater,54077,405-377-7586,Kenneth Case
09/14/96,5,Hugo,74743,405-326-2448,Garry Parker
09/14/96,A,Norman,73069,405-329-1681,John Copeland
09/16/96,5,Oklahoma City,73008,405-789-8535,William Wolfenbarger
09/17/96,A,Miami,74354,918-542-7142,Gary Sherard
09/18/96,A,Tulsa,74106,918-627-0392,Georgia McReynolds
09/20/96,5,Pawhuska,74050,918-287-3665,Jack Chidester
09/21/96,A,Tulsa,74129,918-743-2517,Wayne Rumley II
09/24/96,A,Altus,73521,405-266-3357,George Mteyko
09/24/96,5,Duncan,73505,405-353-5722,Jim Arterberry
09/24/96,5,Okmulgee,74447,918-756-4749,Ray Stewart
09/24/96,5,Shawnee,74801,405-275-3935,James Drummond
09/28/96,5,Catoosa,74011,918-455-6208,Don Feigel WD5EHU
09/28/96,5,Marlow,73055,405-658-5422,Donald B Green
09/28/96,A,Tulsa,74129,918-743-2517,Wayne Rumley II
09/29/96,A,Tulsa,74129,918-743-2517,Wayne Rumley II
10/05/96,A,Broken Arrow,74012,918-251-3449,Sam Morris
10/05/96,A,Ponca City,74631,405-762-1966,Mark E Byard
10/12/96,5,Hugo,74743,405-326-2448,Garry Parker
10/12/96,A,Norman,73069,405-329-1681,John Copeland
10/15/96,A,Miami,74354,918-542-7142,Gary Sherard
10/18/96,5,Pawhuska,74050,918-287-3665,Jack Chidester
10/21/96,5,Oklahoma City,73008,405-789-8535,William Wolfenbarger
10/22/96,A,Altus,73521,405-266-3357,George Mteyko
10/22/96,5,Duncan,73505,405-353-5722,Jim Arterberry
10/22/96,5,Okmulgee,74447,918-756-4749,Ray Stewart
10/22/96,5,Shawnee,74801,405-275-3935,James Drummond
10/26/96,5,Catoosa,74011,918-455-6208,Don Feigel WD5EHU
11/02/96,A,Broken Arrow,74012,918-251-3449,Sam Morris
11/09/96,5,Hugo,74743,405-326-2448,Garry Parker
11/09/96,A,Norman,73069,405-329-1681,John Copeland
11/10/96,5,Stillwater,54077,405-377-7586,Kenneth Case
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11/18/96,5,Oklahoma City,73008,405-789-8535,William Wolfenbarger
11/19/96,A,Miami,74354,918-542-7142,Gary Sherard
11/20/96,A,Tulsa,74106,918-627-0392,Georgia McReynolds
11/26/96,A,Altus,73521,405-266-3357,George Mteyko
11/26/96,5,Duncan,73505,405-353-5722,Jim Arterberry
11/26/96,5,Okmulgee,74447,918-756-4749,Ray Stewart
11/26/96,5,Shawnee,74801,405-275-3935,James Drummond
11/30/96,5,Catoosa,74011,918-455-6208,Don Feigel WD5EHU

12/07/96,A,Broken Arrow,74012,918-251-3449,Sam Morris
12/07/96,A,Ponca City,74631,405-762-1966,Mark E Byard

OREGON
09/08/96,A,Portland,97075,503-626-7399,John Mackey
09/11/96,A,Roseburg,97470,503-672-7564,Anne Wolfe
09/13/96,5,Grants Pass,97526,541-474-0205,Clyde Little
09/18/96,S,Florence,97439,503-997-2323,Hal Lock N7NNA
09/21/96,A,Newport,97365,503-563-3866,Philip Smith
09/22/96,A,Portland,97075,503-626-7399,John Mackey
09/28/96,A,Eugene,97405,541-935-2518,Bary Foster AA7LE
09/28/96,A,Klamath Falls,97601,503-883-1737,Brad Carder
10/05/96,5,Brookings,97415,541-469-7029,Arlon Helms
10/05/96,5,Lincoln City,97367,541-994-3113,Carl Schmauder
10/09/96,5,Pendleton,97813,541-566-3597,Michael Duffy
10/09/96,A,Roseburg,97470,503-672-5884,Melvin R Trammell
10/09/96,A,Roseburg,97470,503-672-7564,Anne Wolfe
10/13/96,A,Portland,97216,503-642-5803,Edith Litvin
10/13/96,A,Portland,97075,503-626-7399,John Mackey
10/14/96,A,Sisters,97759,541-389-7194,Mary Winter N7RGD
10/15/96,A,Newberg,97132,503-538-7109,Charlie Hindman KG7JR
10/19/96,A,Medford,97501,541-878-3433,Paul Miller
10/19/96,A,Newport,97365,503-563-3866,Philip Smith
10/27/96,A,Portland,97075,503-626-7399,John Mackey
11/09/96,A,Albany,97321,503-838-4865,Alesa M Nason KA7UGQ
11/10/96,A,Portland,97075,503-626-7399,John Mackey
11/13/96,A,Roseburg,97470,503-672-7564,Anne Wolfe
11/16/96,A,Newport,97365,503-563-3866,Philip Smith
11/20/96,S,Florence,97439,503-997-2323,Hal Lock N7NNA
11/24/96,A,Portland,97075,503-626-7399,John Mackey
12/07/96,5,Brookings,97415,541-469-7029,Arlon Helms
12/07/96,5,Lincoln City,97367,541-994-3113,Carl Schmauder
12/08/96,A,Portland,97075,503-626-7399,John Mackey
12/09/96,5,Medford,97501,541-772-6865,Dale Trautman

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09/05/96,5,Levittown,19067,215-946-1040,David Heller
09/05/96,A,Philadelphia,19103,215-482-0386,William E Rhoads Sr
09/06/96,A,Nazareth,18064,215-820-0944,Robin C Moseley
09/07/96,A,Bristol,19001,215-943-4886,George LeNoir Jr
09/07/96,A,Erie,16505,814-665-9124,Norma Vanderhoff
09/07/96,A,Linwood,19061,610-497-4590,Russ Stafford
09/11/96,A,Scranton,18508,717-342-8591,Art Sposto
09/12/96,5,Ambridge,15010,412-846-2667,Mike Emerling
09/14/96,5,N Huntington,15022,412-483-7135,Ricardo Morales
09/14/96,A,New Castle,16102,412-667-1166,Gary Pirkkala
09/15/96,5,Norristown,19401,610-279-1897,Raymond Patton
09/15/96,A,UnionTown,15401,412-246-2870,John Cermak
09/16/96,A,Danville,17821,717-784-2299,George Law
09/16/96,A,Oakdale,15071,412-833-6049,Mark Strayer KE3JA
09/16/96,A,Telford,18969,215-679-5764,Warren Erdman

09/19/96,A,East Stroudsburg,18301,717-424-0945,Dave Haney
09/21/96,5,Elco,15483,412-751-4373,Charles Furlong
09/21/96,A,Ephrata,17522,717-626-2623,Joseph Lerman
09/21/96,A,Honesdale,18431,717-253-5201,Vincent J Banville
09/21/96,A,Levittown,19057,215-547-6346,Lorraine Hoffmaster N3MAC
09/25/96,A,Matamoras,18336,914-856-0426,Ray Rothstein AA2WC
09/25/96,A,Warminster,18974,215-343-3494,Tom Michaud
09/26/96,5,New Castle,16112,412-667-9451,Fred Van Natten
09/28/96,A,Erie,16541,814-734-4260,Dr John J Duda
09/28/96,A,Greensburg,15601,412-523-4261,Richard Beaver
09/28/96,5,Media,19086,610-565-8477,Jim Goldman
09/28/96,A,Middletown,17057,717-944-5037,Michael Kalbaugh N3HLK
09/28/96,A,Montoursville,17754,717-326-6464,Robert L Hamaker
09/28/96,A,Pittsburgh,15326,412-885-8073,Dennis Tanner
09/29/96,A,Hanover,17331,717-359-7090,William M Wolfgang
10/03/96,5,Levittown,19067,215-946-1040,David Heller
10/03/96,A,Philadelphia,19103,215-482-0386,William E Rhoads Sr
10/04/96,A,Nazareth,18064,215-820-0944,Robin C Moseley
10/05/96,A,Bristol,19001,215-943-4886,George LeNoir Jr
10/05/96,A,Erie,16505,814-665-9124,Norma Vanderhoff
10/05/96,5,New Eagle,15037,412_751_4373,William Cioccio
10/05/96,A,Pittsburgh,15226,412-563-2379,Jim Cottrill
10/07/96,A,Myerstown,17067,717-933-4609,Thomas Fox N3XAP
10/09/96,L,Scranton,18510,717-342-8591,Art Sposto
10/10/96,5,Ambridge,15010,412-846-2667,Mike Emerling
10/12/96,5,N Huntington,15022,412-483-7135,Ricardo Morales
10/12/96,A,New Castle,16102,412-667-1166,Gary Pirkkala
10/12/96,A,New Kensington,15068,412-351-1562,Louis H Zimmerman
10/12/96,A,Shrewsbury,17361,717-235-0273,Carol Kirschman
10/17/96,A,East Stroudsburg,18301,717-424-0945,Dave Haney
10/17/96,5,Philipsburg,16866,814-342-0696,David Runk
10/17/96,A,Pittsburgh,15228,412-922-1257,Ronald E Lentz
10/19/96,5,Elco,15483,412-751-4373,Charles Furlong
10/19/96,A,Erie,16541,814-734-4260,Dr John J Duda
10/20/96,5,Norristown,19401,610-279-1897,Raymond Patton
10/21/96,A,Telford,18969,215-679-5764,Warren Erdman
10/24/96,5,New Castle,16112,412-667-9451,Fred Van Natten
10/26/96,A,Indiana,15701,412-479-8117,Paul Williams NY3T
10/26/96,A,Reading,19607,215-678-8976,Harry Hoffman
10/30/96,A,Matamoras,18336,914-856-0426,Ray Rothstein AA2WC
11/02/96,A,Bristol,19001,215-943-4886,George LeNoir Jr
11/02/96,A,Erie,16505,814-665-9124,Norma Vanderhoff
11/02/96,A,Honesdale,18431,717-253-5201,Vincent J Banville
11/02/96,A,Tamaqua,18252,717-668-3098,Allen R Breiner Sr W3TI
11/07/96,5,Levittown,19067,215-946-1040,David Heller
11/07/96,A,Philadelphia,19103,215-482-0386,William E Rhoads Sr
11/08/96,A,Nazareth,18064,215-820-0944,Robin C Moseley
11/09/96,A,Butler,16001,412-282-6777,Gerald Wetzel
11/09/96,5,N Huntington,15022,412-483-7135,Ricardo Morales
11/09/96,A,New Castle,16102,412-667-1166,Gary Pirkkala

11/13/96,A,Scranton,18508,717-342-8591,Art Sposto
11/14/96,5,Ambridge,15010,412-846-2667,Mike Emerling
11/16/96,5,Elco,15483,412-751-4373,Charles Furlong
11/16/96,A,Ephrata,17522,717-626-2623,Joseph Lerman
11/16/96,A,Erie,16541,814-734-4260,Dr John J Duda
11/17/96,5,Norristown,19401,610-279-1897,Raymond Patton
11/18/96,A,Telford,18969,215-679-5764,Warren Erdman
11/21/96,A,East Stroudsburg,18301,717-424-0945,Dave Haney
11/21/96,5,New Castle,16112,412-667-9451,Fred Van Natten
11/23/96,A,Pittsburgh,15326,412-885-8073,Dennis Tanner
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12/01/96,A,UnionTown,15401,412-246-2870,John Cermak
12/05/96,5,Levittown,19067,215-946-1040,David Heller
12/05/96,A,Philadelphia,19103,215-482-0386,William E Rhoads Sr
12/06/96,A,Nazareth,18064,215-820-0944,Robin C Moseley
12/07/96,A,Bristol,19001,215-943-4886,George LeNoir Jr
12/07/96,A,Erie,16505,814-665-9124,Norma Vanderhoff
12/07/96,5,New Eagle,15037,412_751_4373,William Cioccio
12/07/96,A,Pittsburgh,15226,412-563-2379,Jim Cottrill

RHODE ISLAND
09/08/96,A,East Providence,02916,508-761-5296,Paul Prew NZ1P
09/08/96,A,East Providence,02914,508-761-5296,Paul Prew
09/12/96,A,Providence,02910,401-231-9156,Judy Nelson, KC1RI
09/28/96,A,Middletown,02842,401-683-2250,Jack Garforth
09/28/96,A,Slatersville,02864,401-333-2129,Robert Beaudet
10/10/96,A,Providence,02910,401-231-9156,Judy Nelson, KC1RI
10/17/96,A,Providence,02910,401-231-9156,Judy Nelson, KC1RI
10/26/96,A,Slatersville,02864,401-333-2129,Robert Beaudet
11/03/96,A,East Providence,02916,508-761-5296,Paul Prew NZ1P
11/14/96,A,Providence,02910,401-231-9156,Judy Nelson, KC1RI
11/30/96,A,Slatersville,02864,401-333-2129,Robert Beaudet

SOUTH CAROLINA
09/07/96,W,Greenville,29602,803-967-0001,Sue Chism
09/21/96,5,Charleston,29149,803-871-4368,Cyrus E Frank
09/21/96,W,Sumter,29150,803-775-9106,Dan Mask
10/05/96,W,Greenville,29602,803-967-0001,Sue Chism
10/08/96,W,Spartanburg,29302,803-576-5566,H Peter Theiler
10/19/96,A,Charleston,29149,803-871-4368,Cyrus E Frank
10/19/96,W,Columbia,29036,803-345-3373,Ray Rogers
10/26/96,A,Anderson,29625,864-226-2198,James M Hampton
10/26/96,A,Sumter,29151,803-871-4368,Ed Frank
11/02/96,W,Greenville,29602,803-967-0001,Sue Chism
11/16/96,5,Charleston,29149,803-871-4368,Cyrus E Frank
11/16/96,W,Sumter,29150,803-775-9106,Dan Mask
12/07/96,W,Greenville,29602,803-967-0001,Sue Chism

SOUTH DAKOTA
09/14/96,A,Rapid City,57701,605-348-6564,Neal @ DAY 605-394-1298

TENNESSEE
09/06/96,A,Chattanooga,37403,615-886-4714,Arthur W Parry, Jr
09/07/96,A,Oak Ridge,37830,615-531-9432,Charlie Davis
09/08/96,W,Jasper,37347,615-942-5116,Charles Wooten
09/09/96,W,Athens,37331,423-263-9300,Evan Ray
09/10/96,A,Bartlett,38133,901-366-9722,Joan Thorne
09/14/96,A,Nashville,37214,615-824-7216,Murray G Jones, K4ANH
09/17/96,5,East View,38339,901-239-8629,Robert Smith
09/21/96,W,Greeneville,37743,615-639-6495,Abner Richards
09/21/96,W,Knoxville,37918,423-688-7771,Ray Adams
09/21/96,5,Trenton,38316,901-742-3302,Lou E Parker
09/22/96,A,Sparta,38583,615-761-5007,Charles A Nielsen
09/25/96,W,Morristown,37814,423-429-1403,Tom Parm KS4HH
09/26/96,5,Bristol,37620,423-968-3350,William Owen
09/28/96,A,Murfreesboro,37130,615-896-3668,Michael Boyea
09/29/96,5,Clarksville,37042,615-552-6746,B C Cash
09/29/96,A,Collegedale,37315,615-476-9466,Francis Dean Saunders
10/04/96,A,Chattanooga,37403,615-886-4714,Arthur W Parry, Jr
10/05/96,W,Atoka,38053,901-829-3712,Walter R Heald
10/05/96,A,Oak Ridge,37830,615-531-9432,Charlie Davis
10/08/96,A,Bartlett,38133,901-366-9722,Joan Thorne
10/12/96,A,Murfreesboro,37130,615-896-3668,Michael Boyea
10/12/96,W,Paris,38251,901-247-5489,Mackie Gallimore
10/13/96,W,Jasper,37347,615-942-5116,Charles Wooten
10/14/96,W,Maryville,37804,423-982-5839,Carroll Peabody
10/19/96,W,Knoxville,37918,423-688-7771,Ray Adams
10/27/96,5,Clarksville,37042,615-552-6746,B C Cash
10/27/96,A,Lebanon,37087,615-444-0429,Jared Chaffin
10/27/96,A,Sparta,38583,615-761-5007,Charles A Nielsen
10/31/96,5,Bristol,37620,423-968-3350,William Owen
11/02/96,A,Oak Ridge,37830,615-531-9432,Charlie Davis
11/02/96,5,Trenton,38316,901-742-3302,Lou E Parker
11/03/96,W,Gallatin,37066,615-452-0883,Ronnie L Gilley
11/10/96,W,Jasper,37347,615-942-5116,Charles Wooten
11/11/96,W,Athens,37331,423-263-9300,Evan Ray
11/12/96,A,Bartlett,38133,901-366-9722,Joan Thorne
11/16/96,W,Knoxville,37918,423-688-7771,Ray Adams
11/19/96,5,East View,38339,901-239-8629,Robert Smith
11/23/96,W,Greeneville,37743,615-639-6495,Abner Richards
11/23/96,W,Paris,38251,901-247-5489,Mackie Gallimore
11/24/96,5,Clarksville,37042,615-552-6746,B C Cash
11/24/96,A,Sparta,38583,615-761-5007,Charles A Nielsen
11/27/96,5,Bristol,37620,423-968-3350,William Owen
11/27/96,W,Morristown,37814,423-429-1403,Tom Parm KS4HH
11/30/96,W,Rosemark,38053,901-829-3712,Walter R Heald
12/06/96,A,Chattanooga,37403,615-886-4714,Arthur W Parry, Jr
12/07/96,A,Oak Ridge,37830,615-531-9432,Charlie Davis
12/08/96,W,Jasper,37347,615-942-5116,Charles Wooten
12/09/96,W,Maryville,37804,423-982-5839,Carroll Peabody

TEXAS
09/05/96,A,Boerne,78006,210-249-3168,Larry E Becker
09/05/96,A,Hurst,76053,817-268-5206,E C Dorsey
09/06/96,5,Longview,75604,903-759-2160,James Nix
09/07/96,A,Greenville,75401,903-455-0730,William S Fletcher AB5MM
09/07/96,A,Nederland,77627,409-736-2542,A C Randle IV
09/07/96,A,San Antonio,78223,210-635-7384,Dianna VanBlaricum
09/07/96,5,San Antonio,78223,210-635-7384,Jerry VanBlaricum
09/10/96,5,Desoto,75116,214-298-6628,Johnny Roberson
09/10/96,A,El Paso,79904,915-821-3472,Dale N Richardson
09/10/96,A,Houston,77036,713-682-6897,Cass Germany
09/12/96,5,Fort Worth,76140,817-293-6745,Ted Richard
09/12/96,A,Houston,77003,713-738-1584,Frank J Laugermann Jr
09/12/96,A,Mesquite,75150,214-564-4210,Phillip Elery
09/14/96,5,Arlington,76016,817-572-6511,Ron Land
09/14/96,5,Dallas,75235,214-350-9492,Larry Herring WR3J
09/14/96,5,Dayton,77535,409-258-9462,Jerry McDonald
09/14/96,A,Houston,77062,713-486-2032,James Heil
09/14/96,A,Midland,79701,915-520-5955,Bryant W Saxon, KD5C
09/14/96,5,Seven Points,75147,905-887-4847,Stuart Wells
09/14/96,A,Texarkana,75503,903-838-5514,Carl Fitzgerald
09/14/96,A,Waco,76709,817-859-5374,Alma P Lang AB5BA
09/19/96,A,San Antonio,78232,210-673-8852,Leslie Dale
09/20/96,5,Corsicana,75110,903-872-1773,Gorman Snider
09/20/96,A,Sherman,75090,903-892-0454,Jerry Newcomb, KC5LRY
09/21/96,A,Irving,75062,214-252-8015,William Revis, Jr
09/21/96,5,Plano,75098,214-442-2592,John Scanlan
09/21/96,A,San Antonio,78223,210-635-7384,Dianna VanBlaricum
09/21/96,5,San Antonio,78223,210-635-7384,Jerry VanBlaricum
09/21/96,5,Whitney,76692,817-694-4047,James McQueen
09/23/96,5,Jacksonville,75785,903-683-5451,George Winship
09/26/96,5,Fort Worth,76140,817-293-6745,Ted Richard
09/26/96,A,Garland,75040,214-475-9407,W. H. (Bill) Reynolds
09/28/96,A,Abilene,79602,915-672-8889,Peggy A Richard KA4UPA
09/28/96,A,Cleveland,77327,713-592-2257,Sam Neal
09/28/96,5,Copperas Cove,76522,817-547-4610,John Easler
09/28/96,A,Dallas,75243,214-997-6282,Bill Warner
09/28/96,5,Ennis,75119,214-875-9435,Joseph Spillers
09/28/96,A,Houston,77088,713-931-9427,Charles W Hobley
09/28/96,A,Pharr,78577,210-702-7938,Maggie Villareal KC5NLO
09/28/96,A,San Antonio,78207,210-433-1714,Armando Aguirre
09/28/96,A,Sour Lake,77659,409-840-9208,John Uttinger AC5AI
10/03/96,A,Boerne,78006,210-249-3168,Larry E Becker
10/03/96,A,Harlingen,78550,210-421-9210,John F Teer
10/03/96,A,Hurst,76053,817-268-5206,E C Dorsey
10/04/96,5,Longview,75604,903-759-2160,James Nix
10/05/96,5,Amarillo,79109,806-353-7944,George Riley
10/05/96,A,Angleton,77156,409-265-6439,Benton P Webb
10/05/96,A,Belton,76513,817-939-7797,Sandy J Neaves
10/05/96,A,Greenville,75401,903-455-0730,William S Fletcher AB5MM
10/05/96,A,Houston,77098,713-558-4932,Lee Gaspard WA5QXE

10/05/96,A,Orange,77630,409-886-7159,Paul Clark
10/05/96,A,San Antonio,78223,210-635-7384,Dianna VanBlaricum
10/05/96,5,San Antonio,78223,210-635-7384,Jerry VanBlaricum
10/06/96,A,McKinney,75069,214-734-6309,Jim Moore
10/08/96,5,Desoto,75116,214-298-6628,Johnny Roberson
10/08/96,A,Houston,77036,713-682-6897,Cass Germany
10/10/96,5,Fort Worth,76140,817-293-6745,Ted Richard
10/10/96,A,Mesquite,75150,214-564-4210,Phillip Elery
10/12/96,5,Arlington,76016,817-572-6511,Ron Land
10/12/96,A,Brownsville,78521,210-546-4779,Bob Austin N5VCG
10/12/96,5,Dallas,75235,214-350-9492,Larry Herring WR3J
10/12/96,5,Dayton,77535,409-258-9462,Jerry McDonald
10/12/96,A,Houston,77062,713-486-2032,James Heil
10/12/96,A,Midland,79701,915-520-5955,Bryant W Saxon, KD5C
10/12/96,5,Seven Points,75147,905-887-4847,Stuart Wells
10/17/96,A,San Antonio,78232,210-673-8852,Leslie Dale
10/18/96,5,Corsicana,75110,903-872-1773,Gorman Snider
10/18/96,A,Sherman,75090,903-892-0454,Jerry Newcomb, KC5LRY
10/19/96,A,El Paso,79924,915-544-5863,Gordon L Howard WD0CDD
10/19/96,A,Grangerland,77302,409-231-3753,Jim Moehle
10/19/96,A,Irving,75062,214-252-8015,William Revis, Jr
10/19/96,5,Plano,75098,214-442-2592,John Scanlan
10/19/96,A,San Antonio,78223,210-635-7384,Dianna VanBlaricum
10/19/96,5,San Antonio,78223,210-635-7384,Jerry VanBlaricum
10/19/96,5,Whitney,76692,817-694-4047,James McQueen
10/20/96,A,El Paso,79924,505-525-2159,Gunnar C Carlson, Jr
10/22/96,A,Sherman,75090,903-786-2644,J. Still
10/24/96,5,Fort Worth,76140,817-293-6745,Ted Richard
10/24/96,A,Garland,75040,214-475-9407,W. H. (Bill) Reynolds
10/26/96,5,Copperas Cove,76522,817-547-4610,John Easler
10/26/96,A,Dallas,75243,214-997-6282,Bill Warner
10/26/96,5,Ennis,75119,214-875-9435,Joseph Spillers
10/26/96,A,Houston,77088,713-931-9427,Charles W Hobley
10/26/96,A,Pharr,78577,210-702-7938,Maggie Villareal KC5NLO
10/26/96,A,San Antonio,78207,210-433-1714,Armando Aguirre
10/26/96,A,Sour Lake,77659,409-840-9208,John Uttinger AC5AI
10/28/96,5,Jacksonville,75785,903-683-5451,George Winship
11/01/96,5,Longview,75604,903-759-2160,James Nix
11/02/96,A,Nederland,77627,409-736-2542,A C Randle IV
11/02/96,A,San Antonio,78223,210-635-7384,Dianna VanBlaricum
11/02/96,5,San Antonio,78223,210-635-7384,Jerry VanBlaricum
11/03/96,A,McKinney,75069,214-734-6309,Jim Moore
11/05/96,5,Amarillo,79109,806-353-7944,George Riley
11/07/96,A,Boerne,78006,210-249-3168,Larry E Becker
11/07/96,A,Hurst,76053,817-268-5206,E C Dorsey
11/09/96,5,Arlington,76016,817-572-6511,Ron Land
11/09/96,5,Bay City,77456,409-843-5083,Elwood Gilchrist
11/09/96,5,Dallas,75235,214-350-9492,Larry Herring WR3J
11/09/96,5,Dayton,77535,409-258-9462,Jerry McDonald
11/09/96,A,Houston,77062,713-486-2032,James Heil

11/09/96,A,Midland,79701,915-520-5955,Bryant W Saxon, KD5C
11/09/96,5,Seven Points,75147,905-887-4847,Stuart Wells
11/12/96,5,Desoto,75116,214-298-6628,Johnny Roberson
11/12/96,A,Houston,77036,713-682-6897,Cass Germany
11/14/96,5,Fort Worth,76140,817-293-6745,Ted Richard
11/14/96,A,Houston,77003,713-738-1584,Frank J Laugermann Jr
11/14/96,A,Mesquite,75150,214-564-4210,Phillip Elery
11/15/96,5,Corsicana,75110,903-872-1773,Gorman Snider
11/15/96,A,Sherman,75090,903-892-0454,Jerry Newcomb, KC5LRY
11/16/96,A,Irving,75062,214-252-8015,William Revis, Jr
11/16/96,5,Mission,78572,210-580-1957,Vince Langlois
11/16/96,5,Plano,75098,214-442-2592,John Scanlan
11/16/96,A,San Antonio,78223,210-635-7384,Dianna VanBlaricum
11/16/96,5,San Antonio,78223,210-635-7384,Jerry VanBlaricum
11/16/96,5,Whitney,76692,817-694-4047,James McQueen
11/21/96,A,San Antonio,78232,210-673-8852,Leslie Dale
11/23/96,A,Belton,76513,817-939-7797,Sandy J Neaves
11/23/96,5,Copperas Cove,76522,817-547-4610,John Easler
11/23/96,A,Sour Lake,77659,409-840-9208,John Uttinger AC5AI
11/30/96,A,Houston,77088,713-931-9427,Charles W Hobley
11/30/96,A,San Antonio,78207,210-433-1714,Armando Aguirre
12/01/96,A,McKinney,75069,214-734-6309,Jim Moore
12/05/96,A,Harlingen,78550,210-421-9210,John F Teer
12/05/96,A,Hurst,76053,817-268-5206,E C Dorsey
12/07/96,5,Amarillo,79109,806-353-7944,George Riley
12/07/96,A,Brownsville,78521,210-546-4779,Bob Austin N5VCG
12/07/96,A,El Paso,79930,915-859-5502,Cleyborn Emert
12/07/96,A,Greenville,75401,903-455-0730,William S Fletcher AB5MM
12/07/96,A,Houston,77098,713-558-4932,Lee Gaspard WA5QXE
12/07/96,A,Orange,77630,409-886-7159,Paul Clark
12/07/96,A,San Antonio,78223,210-635-7384,Dianna VanBlaricum
12/07/96,5,San Antonio,78223,210-635-7384,Jerry VanBlaricum

UTAH
09/07/96,A,Logan,84321,801-753-4843,Paul Hansen
09/09/96,5,Delta,84624,801-864-5936,Stephen Bowes
10/05/96,A,Salt Lake City,84108,801-582-2438,Gordon R Smith
11/06/96,A,Farmington,84025,801-292-8110,L Brent Thomas
11/11/96,5,Delta,84624,801-864-5936,Stephen Bowes
12/07/96,A,Salt Lake City,84108,801-582-2438,Gordon R Smith

VIRGINIA
09/07/96,5,Ben Hur,24243,540-546-2323,Charlie Poe
09/12/96,A,Chesapeake,23323,757-421-9598,Pat Phelps KE4URC
09/13/96,A,Galax,24333,703-236-8672,Joseph A Kolb
09/14/96,A,Farmville,23901,804-736-8010,Gene E Lyles
09/15/96,A,Roanoke,24016,540-890-6782,Terrance V Vlug
09/16/96,A,Coeburn,24230,540-395-6595,Clinton W Hawkins, Jr
09/21/96,5,Chester,23831,804-330-0006,Anthony Amato
09/22/96,A,Virginia Beach,23451,804-898-8031,Ed Brummer, W4RTZ
09/28/96,5,Gloucester,23321,804-642-3517,Harry Kepley N4THN

10/05/96,5,Ben Hur,24243,540-546-2323,Charlie Poe
10/05/96,A,Toano,23168,757-566-8015,Michael Conte
10/05/96,A,Williamsburg,23185,804-566-8015,Mike Conte KD4HYT
10/10/96,A,Chesapeake,23323,757-421-9598,Pat Phelps KE4URC
10/11/96,A,Galax,24333,703-236-8672,Joseph A Kolb
10/12/96,A,Harrisonburg,22801,703-434-3133,Brown Snyder N4ZHV
10/12/96,A,Richmond,23228,804-779-3351,Pat Wilson, N0RDQ
10/19/96,5,Chester,23831,804-330-0006,Anthony Amato
10/20/96,A,Roanoke,24016,540-890-6782,Terrance V Vlug
10/26/96,5,Gloucester,23321,804-642-3517,Harry Kepley N4THN
11/02/96,5,Ben Hur,24243,540-546-2323,Charlie Poe
11/02/96,A,Portsmouth,23321,804-484-2857,Arthur A Thiemens
11/08/96,A,Galax,24333,703-236-8672,Joseph A Kolb
11/14/96,A,Chesapeake,23323,757-421-9598,Pat Phelps KE4URC
11/17/96,A,Roanoke,24016,540-890-6782,Terrance V Vlug
11/18/96,A,Coeburn,24230,540-395-6595,Clinton W Hawkins, Jr
11/23/96,A,Fredericksburg,22407,540-373-7076,Carolyn or John Cavanagh
11/23/96,A,Manassas,22111,703-368-6050,Harry Vorhauer
11/30/96,5,Gloucester,23321,804-642-3517,Harry Kepley N4THN
12/07/96,5,Ben Hur,24243,540-546-2323,Charlie Poe
12/07/96,A,Virginia Beach,23464,804-468-9166,Judy Rogers KD6JMA

VERMONT
09/12/96,A,Hartford,05047,802-484-7856,Collins R Parker
09/13/96,A,Burlington,05401,802-878-6454,Ralph T Stetson III
09/21/96,A,Randolph,05060,802-433-6172,Bob McCorkle
10/11/96,A,Burlington,05401,802-878-6454,Ralph T Stetson III
10/27/96,5,Lyndonville,05851,802-626-9028,Al Dilley
11/08/96,A,Burlington,05401,802-878-6454,Ralph T Stetson III

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09/05/96,5,Kirkland,98036,206-745-0347,Jim Davis
09/07/96,A,Kent,98032,206-244-2107,B F Antes
09/10/96,A,Tacoma,98405,206-845-7652,Jerry Seligman
09/11/96,A,Auburn,98002,206-351-9939,Stephen M Butler
09/12/96,A,Ft Lewis,98433,360-456-5571,Jim Elliott AA7OH
09/14/96,A,Port Angeles,98362,360-928-9588,Nancy Kramer
09/14/96,A,Tukwila,98125,206-523-9117,Mary E Lewis
09/17/96,5,Auburn,98038,206-432-1594,David Barber
09/21/96,A,Montesano,98563,360-249-4671,Nick Bender
09/21/96,5,Renton,98333,206-549-4062,Jim Christiansen
09/21/96,A,Sultan,98294,206-793-3433,David C Axe
09/25/96,A,Everett,98206,206-387-5805,Dwayne E Broderson
09/26/96,A,Ft Lewis,98433,360-456-5571,Jim Elliott AA7OH
09/28/96,A,Bainbridge Islan,98110,206-842-6946,Garrison Bromwell
09/28/96,A,Bremerton,98310,360-692-8326,Walt Winters AA7TL
09/28/96,A,Marysville,98270,206-335-5158,Loren Hole
09/28/96,A,Walla Walla,99362,509-525-7003,Jack Babbitt
09/29/96,A,Bainbridge Islan,98110,206-842-6946,Garrison Bromwell
10/03/96,5,Kirkland,98036,206-745-0347,Jim Davis
10/05/96,5,Ellensburg,98926,509-925-1680,Michael Dunnick

10/05/96,A,Kent,98032,206-244-2107,B F Antes
10/08/96,A,Tacoma,98405,206-845-7652,Jerry Seligman
10/09/96,A,Auburn,98002,206-351-9939,Stephen M Butler
10/10/96,A,Ft Lewis,98433,360-456-5571,Jim Elliott AA7OH
10/12/96,A,Colville,99114,509-684-2898,Rex Kamstra
10/12/96,5,Goldendale,98620,509-773-5043,James Nadeau Sr
10/12/96,A,Port Angeles,98362,360-928-9588,Nancy Kramer
10/12/96,A,Tukwila,98125,206-523-9117,Mary E Lewis
10/15/96,5,Auburn,98038,206-432-1594,David Barber
10/16/96,A,Spokane,99223,509-448-5821,Betsy Ashleman
10/19/96,5,Renton,98333,206-549-4062,Jim Christiansen
10/19/96,A,Sultan,98294,206-793-3433,David C Axe
10/19/96,A,Vancouver,98684,360-892-7291,C Wayne Schuler
10/20/96,A,Walla Walla,99362,509-525-7003,Jack Babbitt
10/23/96,A,Everett,98206,206-387-5805,Dwayne E Broderson
10/24/96,A,Ft Lewis,98433,360-456-5571,Jim Elliott AA7OH
10/26/96,A,Bremerton,98310,360-692-8326,Walt Winters AA7TL
10/26/96,5,Long Beach,98641,360-665-5522,Jim Keightley
10/26/96,A,Marysville,98270,206-335-5158,Loren Hole
11/02/96,A,Kent,98032,206-244-2107,B F Antes
11/07/96,5,Kirkland,98036,206-745-0347,Jim Davis
11/09/96,A,Port Angeles,98362,360-928-9588,Nancy Kramer
11/09/96,A,Tukwila,98125,206-523-9117,Mary E Lewis
11/12/96,A,Tacoma,98405,206-845-7652,Jerry Seligman
11/13/96,A,Auburn,98002,206-351-9939,Stephen M Butler
11/14/96,A,Ft Lewis,98433,360-456-5571,Jim Elliott AA7OH
11/16/96,5,Renton,98333,206-549-4062,Jim Christiansen
11/16/96,A,Sultan,98294,206-793-3433,David C Axe
11/19/96,5,Auburn,98038,206-432-1594,David Barber
11/23/96,A,Bremerton,98310,360-692-8326,Walt Winters AA7TL
11/23/96,A,Marysville,98270,206-335-5158,Loren Hole
11/27/96,A,Everett,98206,206-387-5805,Dwayne E Broderson
12/05/96,5,Kirkland,98036,206-745-0347,Jim Davis
12/07/96,5,Ellensburg,98926,509-925-1680,Michael Dunnick
12/07/96,A,Kent,98032,206-244-2107,B F Antes

WISCONSIN
09/07/96,A,N Fond du Lac,54937,414-922-3088,Douglas Schultz
09/07/96,A,Omro,54963,414-235-0987,Richard Lemme
09/07/96,A,Pewaukee,53072,414-691-3089,Rodger Bradley
09/07/96,A,Racine,53405,414-886-8551,Robert N Jensen
09/14/96,A,Appleton,54915,414-759-1167,Larry Siebers
09/14/96,5,Redgranite,54982,414-566-4282,James Cox
09/21/96,A,Onalaska,54650,608-526-9413,Karl Simonson KB9EQI
09/28/96,A,Marinette,54143,906-863-3477,Ed Engleman KG8CX
09/28/96,A,Tomahawk,54487,715-453-3707,Terry Collins
10/12/96,5,Eau Claire,54703,715-834-1303,Carl Searing
10/12/96,5,Redgranite,54982,414-566-4282,James Cox
10/26/96,A,Tomahawk,54487,715-453-3707,Terry Collins
11/02/96,A,Menomonie,54751,715-235-3998,James P Ley

11/02/96,A,Omro,54963,414-235-0987,Richard Lemme
11/02/96,A,Pewaukee,53072,414-691-3089,Rodger Bradley
11/03/96,A,Kaukauna,54130,414-759-1167,Larry Siebers
11/09/96,A,Marshfield,54449,715-389-2256,Robert McDaniel
11/09/96,5,Redgranite,54982,414-566-4282,James Cox
11/30/96,A,Onalaska,54650,608-526-9413,Karl Simonson KB9EQI
12/07/96,A,Pewaukee,53072,414-691-3089,Rodger Bradley

WEST VIRGINIA
09/12/96,5,Parkersburg,26101,304-485-7777,William McClure
09/14/96,5,Beckley,25827,304-255-5351,Bernard Crump
09/21/96,A,Weston,26452,304-269-2785,Anthony Simons
09/28/96,A,Chapmanville,25508,304-946-2858,Johnny Pack
09/29/96,A,Chapmanville,25508,304-946-2858,Johnny Pack
09/29/96,A,Clarksburg,26301,304-624-5186,Joseph R. Chiado
10/05/96,A,Martinsburg,25401,301-834-8831,Lester M. Reynolds
10/06/96,A,Richwood,26261,304-846-4594,D Scott Bucklew
10/10/96,5,Parkersburg,26101,304-485-7777,William McClure
10/12/96,5,Parkersburg,26142,304-422-1823,Dana Pickens
10/24/96,A,Morgantown,26506,412-324-9160,Jan L Ditzian
11/03/96,H,Elkins,26241,304-637-0506,Walter Corley
11/03/96,A,Richwood,26261,304-846-4594,D Scott Bucklew
11/09/96,5,Bluefield,24701,540-326-3338,Don Williams WA4K
11/09/96,5,Bluefield,24360,540-637-6304,Charles Grim
11/09/96,5,Huntington,45623,614-886-5922,Stephen Hutchison
11/14/96,5,Parkersburg,26101,304-485-7777,William McClure
12/01/96,A,Richwood,26261,304-846-4594,D Scott Bucklew
12/07/96,5,Beckley,25827,304-255-5351,Bernard Crump
12/07/96,A,Martinsburg,25401,301-834-8831,Lester M. Reynolds

WYOMING
09/28/96,A,Casper,82601,307-473-7361,Mike Murphy
09/28/96,A,Laramie,82070,307-742-6298,John Escobedo
10/26/96,A,Cheyenne,82001,307-637-8634,Wilson Sellner
11/16/96,A,Cheyenne,82009,307-638-6998,George Anderson

US LICENSE EXAMINATION OPPORTUNITIES OUTSIDE THE UNITED STATES:

GUAM
09/15/96,A,Paseo,96910,671-646-7611,Harry Taguchi
10/05/96,5,Guam,96912,671-647-4012,Gary Dein
10/27/96,A,Tamuning,96911,671-647-4012,Gary G Dein NH2G
11/08/96,A,Paseo,96910,671-646-7611,Harry Taguchi
11/16/96,5,Guam,96912,671-647-4012,Gary Dein
11/24/96,A,Paseo,96910,671-646-7611,Harry Taguchi

PUERTO RICO
09/14/96,5,Guayama,78401,809-866-2782,Julian Sanchez Coln
09/21/96,5,San Juan,00931,809-737-3609,Edwin Garcia
09/28/96,A,San Juan,00931,809-789-4998,Victor Madera
10/19/96,5,San Juan,00931,809-737-3609,Edwin Garcia
10/26/96,A,San Juan,00931,809-789-4998,Victor Madera

11/23/96,5,San Juan,00931,809-737-3609,Edwin Garcia
11/30/96,A,San Juan,00931,809-789-4998,Victor Madera

US VIRGIN ISLANDS
10/12/96,A,St Croix,00820,809-778-3156,Frank Jaeger

OTHER AREAS:

10/05/96,A,England,00000,01705-371-677,Betty Steed N3TFX
12/07/96,A,England,00000,01705-371-677,Betty Steed N3TFX
09/07/96,A,Germany,00000,0951-300-8522,Royce L Evans AE4CX
09/14/96,A,Germany,00000,496151-715279,Gunter Jost
09/28/96,A,Germany,00000,352-451022475,Joachim Heyse
11/16/96,A,Germany,00000,495271-37211,Alexandra Raker
11/30/96,A,Germany,00000,352-451022475,Joachim Heyse
09/15/96,A,Japan,00000,6457262,Robert R Tompkins
09/21/96,A,Japan,00000,6457262,Robert R Tompkins
09/28/96,A,Japan,00000,81-3-53953106,Jay Oka
10/13/96,A,JAPAN,00000,81-568-21-09,Yoshihiko Hirano
09/28/96,A,New Zealand,00000,025-782412,Mike Harris
09/29/96,A,New Zealand,00000,025-782412,Mike Harris
10/05/96,5,Panama,00000,507-272-7400,Charlie Harril
12/07/96,5,Panama,00000,507-272-7400,Charlie Harril

*EOF

2383. Re: Burbank, CA a "dead" zone for VHF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: bb840@scn.org
Message-ID: <Dx81Gz.E7r@scn.org>
Source record: 217481

In a previous article, ag001@lafn.org (Abraham Stavsky) says:

>
>Several friends as well as myself have had trouble working
>VHF and even UHF in parts of Burbank, with repeaters being quite
>difficult to hit even when fairly close by. Is there anything
>about Burbank's geography which could affect radio transmission?
>Much obliged.
>KE6OCM
>--
>
Yes, it's at the east edge of the San Fernando Valley. Santa Monica
mountains are directly south and San Gabriel mountains directly east.
Much of Burbank is in a fringe area for television, because the San
Gabriel mountains block the signal from Mount Wilson.
--
Jim Aeschliman bb840@scn.org
Black Diamond, Washington KD7MK

2384. Re: 3.88 MHz sounded like CB tonight. Yuck

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: kd1nr@anomaly.ideamation.com
Message-ID: <50kltr$2e3@anomaly.ideamation.com>
Source record: 217482

```
In article <50h6t3$gqq@usenetz1.news.prodigy.com>,
Drew Durigan <VUBS79A@prodigy.com> wrote:
>Dick Flanagan <dick@merlin.libelle.com> wrote:
>>
>>Robert Casey wrote:
>>>
>>> In article <50b3a9$67h@reaper.uunet.ca> frenchy@travel-net.com
>writes:
>>> >billhar@spaceworks.com (bill harris) wrote:
>>> >>> Had to check that I had tuned 3.88 MHz
>>> >>>instead of 27.something it was so bad.
>>> >>
>>> Wow! I posted this about a year ago.
>>
>>Must be all those rotten, undisciplined no-coders! :-P
>
>
>Yep. It's gotta be those scummy no-code Techs causing all the trouble.
>After all, according to "YE OLDE FAHRTZ", they're not "real hams", you
>know!

Drew,

You know for someone who's a ham and supposed to fostering goodwill
among amateurs worldwide you're doing a lousy job.

I'm not yet an "OLDE FAHRT" at 31 but I do have an extra class license
and support keeping the code requirement for HF access.

So there!

Tony

>
>

--
== Tony Pelliccio, KD1NR
== As offensive as I wanna be.
== kd1nr@anomaly.ideamation.com
```

2385. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <50kq7b$9kb@jupiter.planet.net>
Source record: 217483

> Jim Cummings <jcumming@clark.dgim.doc.ca> writes:

> > Kind of like these mountain climbers. Don't they realise that
> > helicopters are a much better and faster and more reliable
> > means of getting to the top?
>
> No doubt they do. But unlike in the amateur service where one must
> submit oneself to an examination in order to confirm if the Pavlovian
> conditioning attributed to learning Morse code has indeed been
> successful, a helicopter pilot need not prove that he/she does not have
> to prove that they have the skills to climb a mountain to reach the top
> before they are allowed to do so in their conveyance of choice.
> >

>
> 73 and live better digitally
> Jim, VE3XJ

HUH???? What???? that is one of the weirdest comparisons I have yet to see.

helicopter pilots put alot of time and practice into attaining their licenses (certifications).
a better comparison would be allowing airplane pilots to get their licenses without ever having to learn IFR.
Why should they, they only fly when the sun is out, IFR is passe, I never use it or need it.

mountain climbers do so by choice and they practice their skills to achieve a level of competency, unlike the whinny crybaby give HF cause i want it types.

tell you what....I'll arrange to give you all HF privledges without practicing or taking any code if you'll climb Mt. McKinley without ever having climbed before.

In fact, I'll make sure you get your new codeless HF license on the way down (SPLAT)

2386. search

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: GINO.VDS@DEBCOM.BE
Message-ID: <322df87f.3775464@NEWS.BRU.TFI.BE>
Source record: 217484

Hello OM/YL

I'm searching the manuel or service manuel for the icom 970.
Also modifications from this transceiver.
Contribution is not a problem.

If you have also mods for the frg 7700 let me know.
Thanks a lot, 73's de on1dan

2387. Ventura County ARES RACES Area 6 Online Packet Radio Training Course

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: "Don L. Miller" <dlmiller@fishnet.net>
Message-ID: <322DFD1D.7481@fishnet.net>
Source record: 217485

We, the Ventura County ARES Area 6 Packet Radio Training Group have created a download-able version of our manual on the World Wide Web.

We hope you enjoy the manual as much as we have enjoyed putting it together, and please feel free to pass it along to all interested in packet radio. It is our intention to make this material available to anyone who desires to have it. You may freely make copies and distribute
it, hold classes using it, modify it and train from it, etc.

We are giving this freely to the ham community to promote the free exchange of information and fellowship among hams. We hope you also see fit to pass it on in the same spirit. You will find it at:

http://www.fishnet.net/~dlmiller/packet.html

This is an HTML version of the hard copy reference manual which we use in
our Packet Radio Training Course.

For questions and/or comments about this web page or the class which we teach, please send a message to one of the following:

PACKET RADIO INTERNET e-mail
---------- ----------
n6zuf@n6ahi.#soca.ca.usa.noam dlmiller@fishnet.net

ko6ne@n6ahi.#soca.ca.usa.noam jkrigbam@rain.org

kd6qoh@n6ahi.#soca.ca.usa.noam rusty@rain.org

n6ahi@n6ahi.#soca.ca.usa.noam

73
de
Don L. Miller
Internet EMail Address = mailto:dlmiller@fishnet.net
Packet Radio Address = N6ZUF@N6AHI.#SOCA.CA.USA.NOAM
Home Page = http://www.fishnet.net/~dlmiller

2388. Re: HAM/INTERNET Server

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: klo@nexusprime.org
Message-ID: <MPLANET.322ded30klo9896b5@news.nexusprime.org>
Source record: 217486

In article <50inqr$945@cu.comp-unltd.com>, @cu.comp-unltd.com says...
> I am not a ham radio operator, but I am interested in the possibility
> of using a HAM radio in conjunction with a computer to gain remote
> internet access. I have talked with a HAM operator and he told me
> that it is possible to communicate with a computer and a radio using a
> "node" and a software program called "packet". From the other things
> we talked about it seemed like it should be possible to set up a node
> on an internet server computer and link it to a node on a remote PC.
>
> Is this possible?

Sure is!

> Is anyone curently doing it?

A lot of people- there are many Internet <--> Packet gateways. Try going to
http://www.ampr.org/ to find out more.

> If so, how fast is it (baud rate) and how much does the service cost?

If you are connected through a packet modem, the speed is determined by how
fast your packet modem is. If it's 300 baud, then everything will crawl along,
even if the gateway is connected to a T1.

> How far can it be reliably used on a daily basis (how many miles)?

Using an antenna, you can get as far as the antenna is good for. I doubt
you'd be able to access a packet --> internet gateway in southern california
from southern florida, especially on 2 meters. :) However, if you are going
backwards (internet --> packet), it all depends on which stations the packet
station are connected to is hooked up with.

Good Luck,
Kevin Lo

--
^
_' `_ * Kevin Lo -- http://www.nexusprime.org/personal/klo/
.-~' `~-. - klo@bigfoot.com - HTML / Perl / C / Java
(' __. `) - Callsign: KF4JXF - AKA Radnor & FDC Merlin
`-'' ``-'

2389. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <50kqqm$2lt@anomaly.ideamation.com>
Source record: 217487

VUBS79A@prodigy.com (Drew Durigan) trolls:

> You gotta laugh at these stereotypical fools. They automatically assume
> that anyone who is in favor of removing the CW requirement has just GOT
> to be an uncouth, unworthy, lazy, etc., no-code Tech.

I would say that at least 50% of the "I want to eliminate the code"
types that I've met fit into this category.

Stereotypes do have a basis in fact. That's how they get created.

MD
--
--
-- "I have more guns than I need, and less guns than I want." -- Phil Graam
--
-- If you don't like my opinions, that's just too damn bad.

2390. Re: Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <50kqmt$2kj@anomaly.ideamation.com>
Source record: 217488

VUBS79A@prodigy.com (Drew Durigan) trolls:

> If YE OLDE FAHRTZ hadn't fought against the no-code license for as long
> as they did, we probably could have saved 220-222Mhz.

Doubtful.

> Remember, 220 was taken away from us BEFORE the no-code Tech license was
> created. My guess is that the unwillingness of YE OLDE FAHRTZ and their
> cronies in the ARRL to support a no-code license had quite a bit to do
> with this.

Yeah. You're absolutely right Drew. I guess we need to create a no-code
VHF license to protect our bands...

Oops, wait. Forgot. We did that 5 years ago, and the commercial
interests are still around wanting our VHF frequencies. Guess that
codeless VHF license didn't work after all.

MD
--
--
-- "I have more guns than I need, and less guns than I want." -- Phil Graam
--
-- If you don't like my opinions, that's just too damn bad.

2391. Send me all code Q please...

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: simard01@gel.ulaval.ca
Message-ID: <50l1s3$rb5@athena.ulaval.ca>
Source record: 217489

Is it possible for you to send me all the code Q... I will appreciated a lot.... thank

send to simard01@gel.ulaval.ca

2392. QSL bureaus

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: kss@i2020.net
Message-ID: <322E4435.4602@i2020.net>
Source record: 217490

Can anyone point me in the right direction to get information about the QSL bureau closest to me (Richmond, VA, USA) and maybe some info on how to interact with them? (ie. Where do I send a SASE, etc..). I'm new to HF and don't know much about them yet.

Thanks,
Steven S. Spiroff N2TQZ/4

2393. FT5200 9600??

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: PY2RN <75223.2027@CompuServe.COM>
Message-ID: <50kucg$c88$1@mhafc.production.compuserve.com>
Source record: 217491
Cross-posted to:
rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,uk.radio.amateur

Hi,

If you know how to make the Yaesu Ft-5200 operational on packet
at 9600bps (Where do I connect the tx/rx wires) could you please
send it to me?

Thank you.

Ed, PY2RN

2394. IPS Daily Report - 04 September 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <50l2fj$ph8@flare.syd.ips.oz.au>
Source record: 217492
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 04/2330Z SEPTEMBER 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE AUSTRALIAN SPACE FORECAST CENTRE
SUMMARY FOR 04 SEPTEMBER AND FORECAST FOR 05 SEPTEMBER - 07 SEPTEMBER

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 71/6

GOES satellite data for 03 Sep
Daily Proton Fluence >1 MeV: 5.3E+05
Daily Proton Fluence >10 MeV: 1.9E+04
Daily Electron Fluence >2 MeV: 8.3E+08 (high)
X-ray background: A4.7
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
05 Sep 06 Sep 07 Sep
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 05 Sep: 70/5

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Mostly quiet with one unsettled
period between 1500 and 1800UT.

Estimated Indices : A K Observed A Index 03 Sep
Learmonth 7 2212 2322
Fredericksburg 3 3
Planetary 4 4

Observed Kp for 03 Sep: 1212 1112

2B. MAGNETIC FORECAST
Date Ap Conditions
05 Sep 5 Quiet
06 Sep 5 Quiet
07 Sep 5 Quiet

3A. GLOBAL HF PROPAGATION SUMMARY

Latitude Band
Date Low Middle High
04 Sep Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
05 Sep Normal Normal Normal
06 Sep Normal Normal Normal
07 Sep Normal Normal Normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
04 Sep 13

Observed Australian Regional MUFs:
Darwin: depressed 15-30% 04-08UT, near predicted monthly values
at other times.
Townsville: near predicted monthly values.
Sydney: near predicted monthly values.
Hobart: near predicted monthly values, spread F local night.

Predicted Monthly T index for September: 9

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
05 Sep 10 near predicted monthly values
06 Sep 10 near predicted monthly values
07 Sep 10 near predicted monthly values

--
IPS Radio and Space Services | email: asfc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/asfc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
tel: +61 2 94148300 | fax: +61 2 94148331

2395. Linux AX25 HOWTO (part 1/2)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: Terry Dawson <terry@perf.no.itg.telecom.com.au>
Message-ID: <AX25-HOWTO.1-23459.841891416@cc.gatech.edu>
Source record: 217493
Cross-posted to: comp.os.linux.answers,rec.radio.amateur.misc,aus.radio.amateur.digital

```
Archive-name: linux/howto/ax25/part1
Last-modified: 23 Jun 96

-----BEGIN PGP SIGNED MESSAGE-----

*** The `Linux AX25 HOWTO' is posted automatically by the
*** Linux HOWTO coordinator, Greg Hankins <gregh@sunsite.unc.edu>. Please
*** direct any comments or questions about this HOWTO to the author,
*** Terry Dawson <terry@perf.no.itg.telecom.com.au>.

- --- BEGIN Linux AX25 HOWTO part 1/2 ---

Linux AX25-HOWTO, Amateur Radio.
Terry Dawson, VK2KTJ, terry@perf.no.itg.telecom.com.au
v1.1, 14 June 1996

The Linux Operating System is perhaps the only operating system in the
world that can boast native and standard support for the AX.25 packet
radio protocol utilised by Amateur Radio Operators worldwide. This
document aims to describe how to install and configure this support.

1. Introduction.

This document was originally an appendix to the HAM-HOWTO, but grew
too large to be reasonably managed in that fashion. This document
describes how to install and configure the native AX.25 and NetRom
support for Linux. A few typical configurations are described that
could be used as models to work from.

1.1. Changes from the previous version

Additions:
Baycom support - ye gads!

Corrections/Updates:
Included SLIP support in kernel config - oops.
2.0.0 kernel and ax25-tools update.
Updated net-tools to 1.32-alpha version.
Removed Jonathons `special' net-tools.
A bit of shuffling about to make more sense.
Updated the example configurations.
A minor copyright ooops.

1.2. Other related documentation.

There is a lot of related documentation. There are many documents that
relate to Linux networking in more general ways and I strongly
```

recommend you also read these as they will assist you in your efforts and provide you with stronger insight into other possible configurations.

They are:

The HAM-HOWTO <http://sunsite.unc.edu/mdw/HOWTO/HAM-HOWTO.html>

the Net-2-HOWTO <http://sunsite.unc.edu/mdw/HOWTO/NET-2-HOWTO.html>

the Ethernet-HOWTO <http://sunsite.unc.edu/mdw/HOWTO/Ethernet-HOWTO.html>

the IPX-HOWTO <http://sunsite.unc.edu/mdw/HOWTO/IPX-HOWTO.html>

and

the Firewall-HOWTO <http://sunsite.unc.edu/mdw/HOWTO/Firewall-HOWTO.html>

2. Where to obtain new versions of this document.

The best place to obtain the latest version of this document is from a Linux Documentation Project archive. The Linux Documentation Project runs a Web Server and this document appears there as The AX25-HOWTO <http://sunsite.unc.edu/mdw/HOWTO/AX25-HOWTO.html>. You can always contact me, but I pass new versions of the document directly to the LDP HOWTO coordinator, so if it isn't there then chances are I haven't finished it.

3. Linux and the AX.25 and NetRom Packet Radio Protocols.

The AX.25 protocol offers both connected and connectionless modes of operation, and is used either by itself for point-point links, or to carry other protocols such as TCP/IP and NetRom.

It is similar to X.25 level 2 in structure, with some extensions to make it more useful in the amateur radio environment.

The NetRom protocol is an attempt at a full network protocol and uses AX.25 at its lowest layer as a datalink protocol. It provides a network layer that is an adapted form of AX.25.

Alan Cox developed some early kernel based AX.25 software support for Linux. Jonathon Naylor <g4klx@g4klx.demon.co.uk> has taken up ongoing development of the code, has added NetRom support and is now the developer of the AX.25 related kernel code and utilities. DAMA support was developed by Joerg, DL1BKE. Finally Baycom support was added by Thomas Sailer, <sailer@ife.ee.ethz.ch>.

The Linux code supports KISS based TNC's (Terminal Node Controllers), the Ottawa PI card, the Gracilis PacketTwin card and other Z8530 SCC based cards with the generic SCC driver and both the Parallel and Serial port Baycom modems.

The User programs contain a simple PMS (Personal Message System), a beacon facility, a line mode connect program, `listen' an example of how to capture all AX.25 frames at raw interface level and programs to configure the NetRom protocol. Included also are an AX.25 server style program to handle and despatch incoming AX.25 connections and a NetRom daemon which does most of the hard work for NetRom support.

4. The AX.25/NetRom software components.

The AX.25 software is comprised of three components, the kernel source, the network configuration tools and the utility programs.

The version 1.3.xx Linux kernels include the AX.25, NetRom, Z8530 SCC, PI card and PacketTwin drivers by default. I recommend you obtain and use the version 1.3.xx kernel source.

These are three reasons I'm recommending you use the alpha version software even though most everyone else will recommend you don't use it:

- it makes the process of building and configuring the software a whole lot simpler. There are no patches to apply it is a simple matter of configuring and compiling a kernel with the appropriate options enabled.

- it is the most recent software and is most likely to provide the most satisfactory results.

- like all new software, it needs testing and bug reports. The more people that take the software and attempt to use it in their own configurations the more likely it will be that bugs are uncovered and the easier it will be to get the software debugged. Join the team, contribute bug reports and help everybody.

Be warned though, this software is alpha and may have problem that you wouldn't otherwise encounter. Please take all the usual precautions and be sure to keep a working kernel as backup when testing new kernels. It is wise to test a new kernel by booting from it from floppy before actually installing it with lilo, though I haven't bothered for about 90 kernels revisions so I'm fairly confident you can pretty safely run with alpha kernels.

4.1. Finding the kernel, tools and utility packages.

4.1.1. The kernel source:

The kernel source can be found in its usual place at:

ftp.funet.fi

/pub/Linux/PEOPLE/Linus/v2.0/

4.1.2. The network tools:

The latest alpha release of the standard Linux network tools support AX.25 and NetRom and can be found at:

ftp.inka.de

/pub/comp/Linux/networking/net-tools/net-tools-1.32-alpha.tar.gz

or:

ftp.linux.org.uk

/pub/linux/Networking/PROGRAMS/NetTools/net-tools-1.32-alpha.tar.gz

The latest ipfwadm package can be found at:

ftp.xos.nl

/pub/linux/ipfwadm/

4.1.3. The AX25 utilities:

The AX.25 utility programs can be found at:

sunsite.unc.edu

/pub/Linux/apps/ham/ax25-utils-2.0.0.tar.gz

or:

ftp.ucsd.edu

/hamradio/packet/tcpip/incoming/ax25-utils-2.0.0.tar.gz

5. Installing the AX.25/NetRom software.

To successfully install AX.25 support on your linux system you must configure and install an appropriate kernel and then install the AX.25 utilities.

5.1. Compiling the kernel.

If you are already familiar with the process of compiling the Linux Kernel then you can skip this section, just be sure to select the appropriate options when compiling the kernel. If you are not, then read on.

The normal place for the kernel source to be unpacked to is the /usr/src directory into a subdirectory called linux. To do this you should be logged in as root and execute a series of commands similar to the following:

```
# mv linux linux.old
# cd /usr/src
# gzip -dc linux-2.0.0.tar.gz | tar xvofp -
# cd linux
```

After you have unpacked the kernel source into place you need to run the configuration script and choose the options that suit your hardware configuration and the options that you wish built into your kernel. You do this by using the command:

```
# make config
```

You might also try:

```
# make menuconfig
```

if you prefer a full screen menu based method. I'm going to describe the original method, but you use whichever you are most comfortable with.

In either case you will be offered a range of options at which you must answer `Y' or `N'. (Note you may also answer `M' if you are using modules. For the sake of simplicity I will assume you are not, please make appropriate modifications if you are).

The options most relevant to an AX.25 configuration are:

```
Networking support (CONFIG_NET) [Y/n/?] Y
Loopback device support (CONFIG_BLK_DEV_LOOP) [N/y/m/?] Y
Network firewalls (CONFIG_FIREWALL) [N/y/?]
TCP/IP networking (CONFIG_INET) [Y/n/?] Y
IP: forwarding/gatewaying (CONFIG_IP_FORWARD) [N/y/?]
IP: firewalling (CONFIG_IP_FIREWALL) [N/y/?] (NEW)
IP: tunneling (CONFIG_NET_IPIP) [N/y/m/?] (NEW)
Amateur Radio AX.25 Level 2 (CONFIG_AX25) [N/y/?] Y
AX.25 over Ethernet (CONFIG_BPQETHER) [N/y/?] (NEW)
Amateur Radio NET/ROM (CONFIG_NETROM) [N/y/?] (NEW)
Kernel/User network link driver(ALPHA) (CONFIG_NETLINK) [N/y/?]
Network device support (CONFIG_NETDEVICES) [Y/n/?] Y
SLIP (serial line) support (CONFIG_SLIP) [N/y/m/?] Y
Radio network interfaces (CONFIG_NET_RADIO) [N/y/?]
BAYCOM ser12 and par96 kiss emulation driver for AX.25 (CONFIG_BAYCOM) [N/y/m/?]
Z8530 SCC kiss emulation driver for AX.25 (CONFIG_SCC) [N/y/m/?]
Other ISA cards (CONFIG_NET_ISA) [N/y/?]
Ottawa PI and PI/2 support (CONFIG_PI) [N/y/?] (NEW)
Gracilis PackeTwin support (CONFIG_PT) [N/y/?] (NEW)
Standard/generic serial support (CONFIG_SERIAL) [Y/n/?]
```

The options I have flagged with a `Y' are those that you must must answer `Y' to. The rest are dependent on what hardware you have and what options you want to include. Some of these options are described in more detail later on, so if you don't know what you want yet, then read ahead and come back to this step later.

After you have completed the kernel configuration you should be able to cleanly compile your new kernel:

```
# make dep
# make clean
# make zImage
```

Make sure you move your arch/i386/boot/zImage file wherever you want it and then run lilo to ensure that you actually boot from it.

5.2. The network configuration tools.

After you have compiled the kernel you should compile the new network configuration tools. These tools allow you to modify the configuration of network devices and to add routes to the routing table.

The new alpha release of the standard net-tools package includes support for AX.25 and NetRom support. I've tested this and it seems to work well for me.
5.2.1. Building the standard net-tools release.

Don't forget to read the Release file and follow any instructions there. The steps I used to compile the tools were:

```
# cd /usr/src
# tar xvfz net-tools-1.32-alpha.tar.gz
# cd net-tools-1.32-alpha
# make config
```

At this stage you will be presented with a series of configuration questions, similar to the kernel configuration questions. Be sure to include support for all of the protocols and network devices types that you intend to use. If you do not know how to answer a particular question then answer `Y'.

The tools compiled cleanly against a 2.0.0 kernel without error.

When the compilation is complete, you should need only use the:

```
# make install
```

command to install the programs in their proper place.

If you wish to use the IP firewall facilities then you will need the latest firewall administration tool ipfwadm. This tool replaces the older ipfw tool which will not work with new kernels.

I compiled the ipfwadm utility with the following commands:

```
# cd /usr/src
# tar xvfz ipfwadm-2.0beta2.tar.gz
# cd ipfwadm-2.0beta2
# make install
# cp ipfwadm.8 /usr/man/man8
# cp ipfw.4 /usr/man/man4
```

5.3. The AX.25 user programs.

After you have successfully compiled and booted your new kernel, you need to compile the user programs. To compile and install the user programs you should use a series of commands similar to the following:

```
# cd /usr/local
# gzip -dc ax25-utils-2.0.0.tar.gz | tar xvvof -
# cd ax25-utils-2.0
# make install
```

The files will be installed under the /usr/local directory by default
in subdirectories: bin, sbin, etc and man.

If you get messages something like:

```
gcc -Wall -Wstrict-prototypes -O2 -I../lib -c call.c
call.c: In function `statline':
call.c:268: warning: implicit declaration of function `attron'
call.c:268: `A_REVERSE' undeclared (first use this function)
call.c:268: (Each undeclared identifier is reported only once
call.c:268: for each function it appears in.)
```

then you should read the README.ncurses file in the top level
directory. You can do as Jonathon suggests, or you can try replacing:

```
#include <curses.h>
```

with:

```
#include <ncurses/curses.h>
```

in the:

```
call/call.c
call/menu.c
```

files.

6. Configuring a RAW AX.25 connected mode interface.

The first stage to configuration of an AX.25 interface is to configure
it to work as a `vanilla' AX.25 interface with no TCP/IP. The
following configuration will get you to the point of being able to
make AX.25 calls from your Linux machine to other AX.25 nodes.

The AX.25 software has been designed to work with a TNC in kiss mode
or with other cards such as the Ottawa PI2 card, PacketTwin and other
SCC cards via special drivers that emulate a kiss tnc.

For real KISS TNC's there are two steps to complete in order to create
an AX.25 port ready to use to make outgoing calls. For other types of
hardware you need only complete the first step.

6.1. Creating the /usr/local/etc/axports file.

The AX.25 ports have a configuration file that is read by many
programs that want to find information about an AX.25 port. This file
is called the:

/usr/local/etc/axports

file. The format of the file is as follows:

```
portname callsign baudrate paclen window description
```

where:

portname
is a text name that you will refer to the port by.

callsign
is the AX.25 callsign you want to assign to the port.

baudrate
is the speed at which you wish the port to communicate with your
TNC.

paclen
is the maximum packet length you want to configure the port to
use for AX.25 connected mode connections.

window
is the AX.25 window (K) parameter. This is the same as the
MAXFRAME setting of many tnc's.

description
is a textual description of the port.

In my case, mine looks like:

radio VK2KTJ-0 4800 256 2 144.800 MHz

6.2. Creating the AX.25 device

If you are using an SCC card like the PI2 or PacketTwin then you do
not need to create the network device, as the kernel driver will
automatically do this for you. If you are using a KISS TNC then you
will need to create the AX.25 interface as it will not already exist.
Creating an AX.25 port is very similar to creating a slip device.

You will need to have the TNC preconfigured and connected to your
serial port. You can use a communications program like minicom or
seyon to configure the TNC into kiss mode if you wish.

You use the axattach program in much the same way as you would use the
slattach program (refer to the NET-2-HOWTO for more information on
slattach and the other network software for Linux). For example:

/usr/local/sbin/axattach /dev/ttyS0 radio

would configure your /dev/ttyS1 serial device to be a kiss interface
configured as per the details for the line beginning with the portname
"radio" in the /usr/local/etc/axports file.

All this step has done is to actually activate the device in the
kernel, you need to run other programs before you an actually make use
of the port.

6.2.1. Setting the callsign for SCC cards.

If you are using a PI or PacketTwin card then you should use the
axparms -setcall command to change the callsign of the appropriate
port to that which you intend to use. Refer to the PI/PacketTwin

section for the names of the network devices to use.

6.2.2. Testing the interface.

You now should be able to make outgoing AX.25 connections. To test AX.25 connected mode you could use the call program as demonstrated:

/usr/local/bin/call radio VK2DAY via VK2SUT

Note: you must tell call which AX.25 port you wish to make the call on, as the same AX.25 node might be reachable on any of the ports you have configured.

The call program is a linemode terminal program for making AX.25 calls. It recognises lines that start with `~' as command lines. The `~.' command will close the connection.

Please refer to the man pages in /usr/local/man and the README file in ax25-utils-2.0.0 distribution for more information.

7. Configuring an AX.25 interface for tcp/ip.

It is very simple to configure an AX.25 port to carry tcp/ip. Jonathon has modified the axattach command so that you can include the IP address that you want the interface to be configured with on the command line. For example, to modify the example presented earlier, I could use the command:

```
# /usr/local/sbin/axattach -i 44.136.8.5 -m 512 /dev/ttyS0 radio
# /sbin/route add -net 44.136.8.0 sl0
# /sbin/route add default sl0
```

to create the AX.25 interface with an IP address of 44.136.8.6 and an MTU of 512 bytes. You should still use the ifconfig to configure the other parameters if necessary.

You do not need to do it this way, you can of course just use the ifconfig program to configure the ip address and netmask details for the port and add a route via the port, just as you would for any other tcp/ip interface.

```
# /sbin/ifconfig sl0 44.136.8.5
# /sbin/ifconfig sl0 netmask 255.255.255.0
# /sbin/ifconfig sl0 broadcast 44.136.8.255
# /sbin/ifconfig sl0 arp mtu 256 up
# /sbin/route add -net 44.136.8.0 sl0
# /sbin/route add default sl0
```

The commands listed above are typical of the sort of configuration many of you would be familiar with if you have used NOS or any of its derivatives or any other tcp/ip software. Note that the default route might not be required in your configuration if you have some other network device configured.

To test it out, try a ping or a telnet to a local host.

```
# ping -i 5 44.136.8.58
```

Note the use of the `-i 5' arguments to ping to tell it to send pings every 5 seconds instead of its default of 1 second.

8. Configuring an AX.25 interface for NetRom.

To configure NetRom on an AX.25 interface you must configure two files.

8.1. Configuring /usr/local/etc/nrports

The first is the /usr/local/etc/nrports file. This file describes the NetRom port in much the same way as the /usr/local/etc/axports file describes the AX.25 ports.

This file is formatted as follows:

```
name callsign alias paclen description
```

Where:

name
is the text name that you wish to refer to the port by.

callsign
is the callsign that the NetRom traffic from this port will use.
alias
is the NetRom alias this port will have assigned to it.

paclen
is the maximum size of NetRom frames transmitted by this port.

description
is a free text description of the port.

An example would look something like the following:

```
netrom VK2KTJ-1 LINUX 235 Linux Switch Port
```

Note that the ports are referred to by name by programs such as call.

8.2. Configuring /usr/local/etc/nrbroadcast

The second file is the /usr/local/etc/nrbroadcast file.

This file is formatted as follows:

```
axport min_obs def_qual worst_qual verbose
```

Where:

axport
is the port name obtained from the /usr/local/etc/axports file.
If you do not have an entry in /usr/local/etc/nrbroadcasts for a port then this means that no NetRom routing will occur and any received NetRom broadcasts will be ignored for that port.

min_obs
is the minimum obselesence value for the port.

def_qual
is the default quality for the port.

worst_qual
is the worst quality value for the port, any routes under this
quality will be ignored.

verbose
is a flag determining whether full NetRom routing broadcasts
will occur from this port or only a routing broadcast
advertising the node itself.

An example would look something like the following:

radio 1 200 10 1

8.3. Creating the NetRom device

When you have the two configuration files completed you must create
the NetRom device in much the same way as you did for the AX.25
devices. This time you use the nrattach command:

nrattach netrom

This command would start the NetRom device (nr0) named netrom
configured with the details specified in the /usr/local/etc/nrports
file.

8.4. Starting the NetRom daemon

The NetRom daemon manages the NetRom routing tables and generates the
NetRom routing broadcasts. You start NetRom with the command:

/usr/local/sbin/netromd

You should soon see the /proc/net/nr_neigh file filling up with
information about your NetRom neighbours.

Remember to put the /usr/local/sbin/netromd command in your rc files
so that it is started automatically each time you reboot.

9. Configuring IP on a NetRom interface.

Configuring a NetRom interface for tcp/ip is almost identical to
configuring an AX.25 interface for tcp/ip.

Again you can either specify the ip address and mtu on the nrattach
command line, or use the ifconfig and route commands, but you need to
manually add arp entries for hosts you wish to route to because there
is no mechanism available for your machine to learn what NetRom
address it should use to reach a particular IP host.

So, to create an nr0 device with an IP address of 44.136.8.5 and an
mtu of 512 and configured with the details from the

/usr/local/etc/nrports file for a NetRom port named netrom you would use:

```
# /usr/local/sbin/nrattach -i 44.136.8.5 -m 512 netrom
# route add 44.136.8.5 nr0
```

or you could use something like the following commands manually:

```
# ifconfig nr0 44.136.8.5 hw netrom VK2KTJ-1
# route add 44.136.8.5 nr0
```

Then for each IP host you wish to reach via NetRom you need to set route and arp entries. To reach a destination host with an IP address of 44.136.80.4 at NetRom address BBS:VK3BBS via a NetRom neighbour with callsign VK2SUT-0 you would use commands as follows:

```
# route add 44.136.80.4 nr0
# arp -t netrom -s 44.136.80.4 vk2sut-0
# nrparms -nodes vk3bbs + BBS 120 6 sl0 vk2sut-0
```

The `120' and `6' arguments to the nrparms command are the NetRom quality and obsolescence count values for the route.

10. Configuring an Ethernet device for AX.25 ala BPQ

Linux support BPQ Ethernet compatibility. This enables you to run the AX.25 protocol over your Ethernet LAN and to interwork your linux machine with other BPQ machines on the LAN.

Configuration is quite straightforward. You firstly must have configured a standard Ethernet device. This means you will have compiled your kernel to support your Ethernet card, and executed configuration commands similar to the following:

```
# ifconfig eth0 44.136.8.5 netmask 255.255.255.248 up
# ifconfig eth0 broadcast 44.136.8.103
# route add -net 44.136.8.96 netmask 255.255.255.248 eth0
```

To configure the BPQ support you need to associate an AX.25 callsign with your Ethernet hardware address. You should use the following:

```
# axparms -dev eth0 vk2ktj-9
```

This says that AX.25 callsign vk2ktj-9 is associated with the eth0 device.

BPQ Ethernet normally uses a multicast address. The Linux implementation does not, and instead it uses the normal Ethernet broadcast address. The NET.CFG file for the BPQ ODI driver should therefore look similar to this:

```
LINK SUPPORT

MAX STACKS 1
MAX BOARDS 1
```

```
LINK DRIVER E2000 ; or other MLID to suit your card

INT 10 ;
PORT 300 ; to suit your card

FRAME ETHERNET_II

PROTOCOL BPQ 8FF ETHERNET_II ; required for BPQ - can change PID

BPQPARMS ; optional - only needed if you want
; to override the default target addr

ETH_ADDR FF:FF:FF:FF:FF:FF ; Target address
```

11. Ottawa PI/PI2 card driver and Gracilis PacketTwin driver.

The Ottawa PI and the Gracilis PacketTwin are Z8530 SCC based card for IBM PC type machines that are in common usage by Amateur Radio operators worldwide. The PI card supports a high speed half duplex (single DMA channel) port, and a low speed (<9k6bps interrupt driven) half duplex port. The PI2 is a new version of the card that supports an on board radio modem and improved hardware design. The PacketTwin card supports two high speed port and is capable of accepting on board modems.

The PI card driver was written by David Perry, <dp@hydra.carleton.edu> The PacketTwin card driver was written by Craig Small VK2XLZ, <csmall@triode.apana.org.au>. Both drivers are a standard feature of the 1.3.xx kernel.

Please refer to the AX.25 section above for details on how to configure the kernel to include the PI card or the PacketTwin card drivers.

Once you have the appropriate driver configured into your kernel then you should reboot and when you do, you should see mention of the PI or PacketTwin card driver in the messages that appear on the screen while the kernel is booting. The drivers test each of the I/O port addresses that the card might be configured for and reports any that it finds. You should then look at the /proc/net/dev file and you should see reference to devices called pi0a and pi0b or pt0a and pt0b for the PI and PacketTwin cards respectively.

If the devices don't appear then recheck that you have configured and compiled your kernel correctly and that you are in fact actually running your new kernel. If you still don't then this suggests that your PI or PacketTwin card was not detected by the kernel while it booted and may indicate that you have some sort of hardware conflicting with your PI/PT card that prevented it being detected.

If all of the above went as planned then you will need to configure your PI/PT card with an AX.25 address and for IP. The configuration of the PI/PT cards is virtually identical to that of any other IP interface. Something like the following should work ok for you:

```
# /usr/local/sbin/axparms -setcall pi0a VK2KTJ-2
# /sbin/ifconfig pi0a 44.136.8.5
# /sbin/ifconfig pi0a netmask 255.255.255.0
# /sbin/ifconfig pi0a broadcast 44.136.8.255
# /sbin/ifconfig pi0a arp mtu 256 up
# /sbin/route add -net 44.136.8.0 pi0a
# /sbin/route add default pi0a
```

Note that pi0a refers to the `a' port on the first PI card found, and that pi0b would therefore refer to the `b' port on the first PI card found. pt0a would therefore be the first port on the first PacketTwin card detected.

Note also the use of the axparms -setcall command to set the AX.25 callsign of the port.

As usual, when this has been done you can test the interface with the ping or telnet command to ensure it is working.

12. Z8530 SCC Kiss Emulation

Joerg Reuter, DL1BKE has developed generic support for Z8530 SCC based cards. His driver is configurable to support a range of different types of cards and present an interface that looks like a KISS TNC so you can treat it as though it were a KISS TNC.

12.1. Obtaining and building the configuration tool package.

The kernel driver is included in the standard kernel distribution, but there are a suite of configuration tools that you will need to obtain as well.

To compile the kernel support you must be sure to answer `Y' to: `Z8530 SCC kiss emulation driver for AX.25' when asked during a kernel `make config'.

You can obtain the configuration tools package from:

ftp.ucsd.edu

/hamradio/packet/tcpip/incoming/z8530drv-2.0.dl1bke.real.tar.gz

The following command were what I used to compile and install the package for kernel version 1.3.93:

```
# cd /usr/src
# gzip -dc z8530drv-2.0.dl1bke.real.tar.gz | tar xvpofz -
# cd z8530drv
# rm gencfg sccinit sccstat
# make dep
# make utils
# make install
```

Note: I've not followed the instructions included because the version of driver in the 2.0.0 kernel is actually newer than that included in the package and the normal installation process would have overwritten

the new kernel source with the older version.

After the above is complete you should have three new programs installed in your /sbin directory: gencfg, sccinit and sccstat. It is these programs that you will use to configure the driver for your card.

You will also have a group of new special device files created in your /dev called scc0 .. scc7. These will be used later and will be the `KISS' devices you will end up using.

12.2. Configuring the driver for your card.

The z8530 SCC driver has been designed to be as flexible as possible so as to support as many different types of cards as possible. With this flexibility has come some cost in configuration.

There is more comprehensive documentation in the package and you should read this if you have any problems. You should particularly look at doc/scc_eng.doc or doc/scc_ger.doc for more detailed information. I've paraphrased the important details, but as a result there is a lot of lower level detail that I have not included.

The main configuration file is read by the sccinit program and is called /etc/z8530drv.rc. This file is broken into two main stages: Configuration of the hardware parameters and channel configuration. After you have configured this file you need only add:

sccinit

into the rc file that configures your network and the driver will be initialised according to the contents of the configuration file. You must do this before you attempt to use the driver.

12.2.1. Configuration of the hardware parameters.

The first section is broken into stanzas, each stanza representing an 8530 chip. Each stanza is a list of keywords with arguments. You may specify up to four SCC chips in this file by default. The #define MAXSCC 4 in scc.c can be increased if you require support for more.

The allowable keywords and arguments are:

chip
the chip keyword is used to separate stanzas. It will take anything as an argument. The arguments are not used.

data_a
this keyword is used to specify the address of the data port for the z8530 channel `A'. The argument is a hexadecimal number e.g. 0x300

ctrl_a
this keyword is used to specify the address of the control port for the z8530 channel `A'. The arguments is a hexadecimal number

e.g. 0x304

data_b
this keyword is used to specify the address of the data port for the z8530 channel `B'. The argument is a hexadecimal number e.g. 0x301

ctrl_b
this keyword is used to specify the address of the control port for the z8530 channel `B'. The arguments is a hexadecimal number e.g. 0x305

irq
this keyword is used to specify the IRQ used by the 8530 SCC described in this stanza. The argument is an integer e.g. 5

pclock
this keyword is used to specify the frequency of the clock at the PCLK pin of the 8530. The argument is an integer frequency in Hz which defaults to 4915200 if the keyword is not supplied.

board
the type of board supporting this 8530 SCC. The argument is a character string. The allowed values are:

PA0HZP
the PA0HZP SCC Card

EAGLE
the Eagle card

PC100
the DRSI PC100 SCC card

PRIMUS
the PRIMUS-PC (DG9BL) card

BAYCOM
BayCom (U)SCC card

escc
this keyword is optional and is used to enable support for the Extended SCC chips (ESCC) such as the 8580, 85180, or the 85280. The argument is a character string with allowed values of `yes' or `no'. The default is `no'.

vector
this keyword is optional and specifies the address of the vector latch (also known as "intack port") for PA0HZP cards. There can be only one vector latch for all chips. The default is 0.

special
this keyword is optional and specifies the address of the special function register on several cards. The default is 0.

```
option
this keyword is optional and defaults to 0.

Some example configurations for the more popular cards are as follows:

BayCom USCC

chip 1
data_a 0x300
ctrl_a 0x304
data_b 0x301
ctrl_b 0x305
irq 5
board BAYCOM
#
# SCC chip 2
#
chip 2
data_a 0x302
ctrl_a 0x306
data_b 0x303
ctrl_b 0x307
board BAYCOM

PA0HZP SCC card

chip 1
data_a 0x153
data_b 0x151
ctrl_a 0x152
ctrl_b 0x150
irq 9
pclock 4915200
board PA0HZP
vector 0x168
escc no
#
#
#
chip 2
data_a 0x157
data_b 0x155
ctrl_a 0x156
ctrl_b 0x154
irq 9
pclock 4915200
board PA0HZP
vector 0x168
escc no

DRSI SCC card
```

```
chip 1
data_a 0x303
data_b 0x301
ctrl_a 0x302
ctrl_b 0x300
irq 7
pclock 4915200
board DRSI
escc no
```

If you already have a working configuration for your card under NOS, then you can use the gencfg command to convert the PE1CHL NOS driver commands into a form suitable for use in the z8530 driver configuration file.

To use gencfg you simply invoke it with the same parameters as you used for the PE1CHL driver in NET/NOS. For example:

```
# gencfg 2 0x150 4 2 0 1 0x168 9 4915200
```

will generate a skeleton configuration for the OptoSCC card.

12.2.2. Channel Configuration

The Channel Configuration section is where you specify all of the other parameters associated with the port you are configuring. Again this section is broken into stanzas. One stanza represents one logical port, and therefore there would be two of these for each one of the hardware parameters stanzas as each 8530 SCC supports two ports.

These keywords and arguments are also written to the /etc/z8530drv.rc file and must appear after the hardware parameters section.

Sequence is very important in this section, but if you stick with the suggested sequence it should work ok. The keywords and arguments are:

device
this keyword must be the first line of a port definition and specifies the name of the special device file that the rest of the configuration applies to. e.g. /dev/scc0

speed
this keyword specifies the speed in bits per second of the interface. The argument is an integer: e.g. 1200

clock
this keyword specifies where the clock for the data will be sourced. Allowable values are:

dpll
normal halfduplex operation

external
MODEM supplies its own Rx/Tx clock

divider
use fullduplex divider if installed.

mode
this keyword specifies the data coding to be used. Allowable
arguments are: nrzi or nrz

rxbuffers
this keyword specifies the number of receive buffers to allocate
memory for. The argument is an integer, e.g. 8.

txbuffers
this keyword specifies the number of transmit buffers to
allocate memory for. The argument is an integer, e.g. 8.

bufsize
this keyword specifies the size of the receive and transmit
buffers. The arguments is in bytes and represents the total
length of the frame, so it must also take into account the AX.25
headers and not just the length of the data field. This keyword
is optional and default to 384

txdelay
the KISS transmit delay value, the argument is an integer in mS.

persist
the KISS persist value, the argument is an integer.

slot
the KISS slot time value, the argument is an integer in mS.

tail
the KISS transmit tail value, the argument is an integer in mS.

fulldup
the KISS full duplex flag, the argument is an integer. 1==Full
Duplex, 0==Half Duplex.

wait
the KISS wait value, the argument is an integer in mS.

min
the KISS min value, the argument is an integer in S.

maxkey
the KISS maximum keyup time, the argument is an integer in S.

idle
the KISS idle timer value, the argument is an integer in S.

maxdef
the KISS maxdef value, the argument is an integer.

group
the KISS group value, the argument is an integer.

txoff
the KISS txoff value, the argument is an integer in mS.

softdcd
the KISS softdcd value, the argument is an integer.

slip
the KISS slip flag, the argument is an integer.

12.3. Using the driver.

To use the driver you simply treat the /dev/scc* devices just as you would a serial tty device with a KISS TNC connected to it. For example, to configure Linux Kernel networking to use your SCC card you could use something like:

axattach -s 4800 /dev/scc0 VK2KTJ

You can also use NOS to attach to it in precisely the same way. From JNOS for example you would use something like:
attach asy scc0 0 ax25 scc0 256 256 4800

12.4. The sccstat and sccparam tools.

To assist in the diagnosis of problems you can use the sccstat program to display the current configuration of an SCC device. To use it try:

sccstat /dev/scc0

you will displayed a very large amount of information relating to the configuration and health of the /dev/scc0 SCC port.

The sccparam command allows you to change or modify a configuration after you have booted. Its syntax is very similar to the NOS param command, so to set the txtail setting of a device to 100mS you would use:

sccparam /dev/scc0 txtail 0x8

13. Configuring an interface for a Baycom modem.

Thomas Sailer, <sailer@ife.ee.ethz.ch>, despite the popularly held belief that it would not work very well, has developed Linux support for Baycom modems. His driver supports the Ser12 serial port, Par96 and the enhanced Par97 parallel port modems.

When the driver is running it follows the standard of looking like a KISS interface, so you treat it in much the same way as you would the PI card, PacketTwin or SCC driver ports.

13.1. Compiling the kernel

The driver is only available as a module, so you must have compiled module support into your kernel, and also selected the appopriate options to support the Baycom driver during the make config stage when compiling your kernel.

The relevant options that you must answer `Y' for are:

Radio network interfaces (CONFIG_NET_RADIO) [N/y/?]
BAYCOM ser12 and par96 kiss emulation driver for AX.25 (CONFIG_BAYCOM) [N/y/m/?]

13.2. Creating the /dev device files.

The Baycom driver uses special device files in the /dev directory.
You need to create these manually. The following commands should work
ok for you:

mknod /dev/bc0 c 60 0
mknod /dev/bc1 c 60 1
mknod /dev/bc2 c 60 2
mknod /dev/bc3 c 60 3

You will use these later.

13.3. Loading the module.

When the kernel compilation is complete and you have installed the
module baycom.o wherever you normally keep your modules
(conventionally they are stored in /lib/modules/2.0.0/), you must
start the module. The module takes configuration paramters from the
insmod command line, so you must start it manually from an rc file or
if you use the kerneld program you must configure it with the relevant
paramters so that it supplies them when it loads the module.

If you use kerneld you will need to add the following line to your
/etc/conf.modules file:

alias char-major-60 baycom

There are four main items to specify when loading the module, they
are:

modem
the baycom modem type you are configuring it for.

1. Ser12 type modem.

2. Par96 or Par97 type modem.

iobase
the i/o address of the serial or parallel port you will use.

0x3f8
COM1:

0x2f8
COM2:

0x378
LPT1:

0x278
LPT2:

irq
the Interrupt Request (IRQ) line your port will use.

4 COM1:

3 COM2:

7 LPT1:

5 LPT2:

options
some baycom specific options.

0 use hardware generated DCD signal.

1 use software DCD signal.

13.4. A small trap to be aware of.

Because the Baycom driver uses the serial and parallel ports of your machines, and because it is a low level driver for these, it competes with the existing serial and parallel drivers in the kernel. There are some ways of working around this problem. The first way is to make sure that you load the Baycom module first so that it takes the hardware it needs before the serial or parallel device driver modules load and search for their own. With the serial driver you have the luxury of being able to disable it for a single port using the setserial command, this will be demonstrated in the examples. If you are using the parallel port modems then beware of the lp.o Line Printer and plip.o Parallel Line IP modules.

13.5. Some example configurations.

These examples are for the two most common configurations.

Disable the serial driver for COM1: then configure the Baycom driver for a Ser12 serial port modem on COM1: with the software DCD option enabled:

```
# setserial /dev/ttyS0 uart none
# insmod baycom modem=1 iobase=0x3f8 irq=4 options=1
```

Par96 parallel port type modem on LPT1: using hardware DCD detection:

```
# insmod baycom modem=2 iobase=0x378 irq=7 options=0
```

The first device created is /dev/bc0, the second is /dev/bc1 etc.

13.6. Configuring multiple devices.

Using the insmod program and its command line arguments you can only configure one Baycom modem. There is a setbaycom utility which I have not yet located that will allow you to configure others. If you happen to find it please let me know where it is kept so that I can include details for it here.

13.7. Actually using the devices.

This device driver when loaded looks like a serial tty driver with a KISS TNC attached. This means that configuration of the AX.25 software for this driver is identical to the configuration for a KISS TNC presented earlier. You need to use the axattach program and add the port to your /usr/local/etc/axports file. The only difference is that you would use the device /dev/bc0 instead of /dev/ttyS0.

14. Configuring ax25d to accept incoming AX.25/Netrom connections.

Linux is a powerful operating system and offers a great deal of flexibility in how it is configured. With this flexibility comes a cost in configuring it to do what you want. When configuring your Linux machine to accept incoming AX.25 or NetRom connections there are a number of questions you need to ask yourself. The most important of which is: "What do I want users to see when they connect?". As detailed in the HAM-HOWTO there are BBS systems that are being developed that you might want users to see when they connect, alternatively you might want to give users a login prompt so that they can make use of a shell account, or you might even have written your own program, such as a customised database or a game, that you want people to connect to. Whatever you choose, you must tell the AX.25 software about this so that it knows what software to run when it accepts an incoming AX.25 connection.

14.1. Creating the /usr/local/etc/ax25d.conf file.

This file is the configuration file for the ax25d AX.25 daemon which handles incoming AX.25 and NetRom connections.

The file is a little cryptic looking at first, but you'll soon discover it is very simple in practice, with a small trap for you to be wary of.

The format of the ax25d.conf file is as follows:

```
# This is a comment and is ignored by the ax25d program.
[<interface_call>]
<peer1> window T1 T2 T3 N2 <mode> <uid> <cmd> <cmd-name> <arguments>
<peer2> window T1 T2 T3 N2 <mode> <uid> <cmd> <cmd-name> <arguments>
defaults window T1 T2 T3 N2 <mode> <uid> <cmd> <cmd-name> <arguments>
<peer3> window T1 T2 T3 N2 <mode> <uid> <cmd> <cmd-name> <arguments>
default window T1 T2 T3 N2 <mode> <uid> <cmd> <cmd-name> <arguments>
```

Where:

at the start of a line marks a comment and is completely ignored by the ax25d program.

<interface_call>
is the AX.25 callsign of the AX.25 or NetRom interface that this particular paragraph is for.

<peer>
is the callsign of the peer node that this particular
configuration applies to. If you don't specify an SSID here then
any SSID will match.

window
is the AX.25 Window parameter (K) or MAXFRAME parameter for this
configuration.

T1 is the Frame retransmission (T1) timer in half second units.

T2 is the amount of time the AX.25 software will wait for another
incoming frame before preparing a response in 1 second units.

T3 is the amount of time of inactivity before the AX.25 software
will disconnect the session in 1 second units.

N2 is the number of consecutive retransmissions that will occur
before the connection is closed.

<mode>
provides a mechanism for determining certain types of general
permissions. The modes are enabled or disabled by setting or
resetting bits in an 8 bit map. You set that map by setting
<mode> to the sum of the following values:

1 Setup utmp, and run on a ptty (planned).

2 UNUSED.

4 UNUSED.

8 UNUSED.

16 UNUSED.

32 UNUSED.

64 Disallow digipeated uplinks, only allow direct connections.

128
Lockout, Barred, immediate disconnect.

<uid>
is the userid that the program to be run to support the
connection should be run as.

<cmd>
is the full pathname of the command to be run, with no arguments
specified.

<cmd-name>
is the text that should appear in a ps as the command name
running (normally the same as <cmd> except without the directory
path information.

<arguments>
are the command line argument to be passed to the <:cmd> when it is run. You pass useful information into these arguments by use of the following tokens:

%U AX.25 callsign of the connected party without the SSID, in uppercase.

%u AX.25 callsign of the connected party without the SSID, in lowercase.

%S AX.25 callsign of the connected party with the SSID, in uppercase.

%s AX.25 callsign of the connected party with the SSID, in lowercase.

You need one section in the above format for each AX.25 or NetRom interface you want to accept incoming AX.25 or NetRom connections on.

There are two special lines in the paragraph, one starts with the string `defaults' and other starts with the string `default' (yes there is a difference). These lines serve special functions.

The `default' lines purpose should be obvious, this line acts as a catch-all, so that any incoming connection on the <interface_call> interface that doesn't have a specific rule will match the `default' rule. If you don't have a `default' rule, then any connections not matching any specific rule will be disconnected immediately without notice.

The `defaults' line is a little more subtle, and here is the trap I mentioned earlier. In any of the fields for any definition for a peer you can use the `*' character to say `use the default value'. The `default' line is what sets those default values. The kernel software itself has some defaults which will be used if you don't specify any. The trap is that the these defaults apply only to those rules below the `default' line not to those above. You may have more than one `default' rule per interface definition, and in this way you may create groups of default configurations.

14.2. A simple example ax25d.conf file.

Ok, an illustrative example:

```
# ax25d.conf for VK2KTJ - 21/11/95
# This configuration uses the AX.25 port defined earlier.
[VK2KTJ-1]
NOCALL * * * * * 0 guest /usr/games/fortune
defaults 1 10 * * * 0 root /usr/local/sbin/axspawn axspawn %u +
VK2XLZ-1 * * * * * * * * *
VK2DAY-1 * * * * * * * * *
default 1 10 5 100 5 0 root /usr/local/bin/pms pms -a -o vk2ktj
#
```

This example says that anybody connecting to the interface on my machine with the callsign VK2KTJ-1 will have the following rules applied:

Anyone whose callsign is set to `NOCALL' should use the kernel default parameters and have the fortune program run as guest for them.

The defaults line changes two parameters from the kernel defaults (Window and T1) and will run the /usr/local/sbin/axspawn program for them. Any copies of /usr/local/sbin/axspawn run this way will appear as axspawn in a ps listing for convenience. The next two lines definitions for two stations who will receive those permissions.

The last line in the paragraph is the `catch all' definition that everybody else will get (including VK2XLZ and VK2DAY using any other SSID other than -1). This definition sets all of the parameters implicitly and will cause the pms program to be run with a command line argument indicating that it is being run for an AX.25 connection (assuming VK2KTJ-1 to be an AX.25 interface) and that the owner callsign is VK2KTJ. (See the `Configuring the PMS' section below for more details).

If you wanted to define rules for another interface, a NetRom interface for example, then you would add another paragraph coded in the same way with rules and callsign appropriate to it.

This example is a contrived one but I think it illustrates clearly the important features of the syntax of the configuration file. Jonathon includes a much longer and more detailed example in the ax25-utils package that you should look at if you need more information.

14.3. Starting ax25d

When you have the two configuration files completed you start ax25d with the command:

/usr/local/sbin/ax25d

When this is run people should be able to make AX.25 connections to your Linux machine. Remember to put the ax25d command in your rc files so that it is started automatically when you reboot each time.

14.4. Configuring axspawn.

The axspawn program is a simple program that allows AX.25 stations who connect to be log in to your machine. It is invoked from the ax25d program as described above. To allow a user to log in to your machine you should add a line similar to the following into your /usr/local/etc/ax25d.conf file:

default * * * * * 1 root /usr/local/sbin/axspawn axspawn %u

If the line ends in the + character then the connecting user must hit return before they will be allowed to login. The default is to not wait. Any individual host configurations that follow this line will

have the axspawn program run when they connect. When axspawn is run it first checks that the command line argument it is supplied is a legal callsign, strips the SSID, then it checks that /etc/passwd file to see if that user has an account configured. If there is an account, and the password is either "" (null) or + then the user is logged in, if there is anything in the password field the user is prompted to enter a password. If there is not an existing account in the /etc/passwd file then axspawn may be configured to automatically create one.

14.4.1. Creating the /usr/local/etc/axspawn.conf file.

You can alter the behaviour of axspawn in various ways by use of the /usr/local/etc/axspawn.conf file. This file is formatted as follows:

```
# /usr/local/etc/axspawn.conf
#
# allow automatic creation of user accounts
create yes
#
# guest user if above is 'no' or everything else fails. Disable with "no"
guest no
#
# group id or name for autoaccount
group ax25
#
# first user id to use
first_uid 2001
#
# maximum user id
max_uid 3000
#
# where to add the home directory for the new users
home /home/ax25
#
# user shell
shell /bin/bash
#
# bind user id to callsign for outgoing connects.
associate yes
```

The eight configurable characteristics of axspawn are as follows:

```
# indicates a comment.
```

```
create
if this field is set to yes then axspawn will attempt to
automatically create a user account for any user who connects
and does not already have an entry in the /etc/passwd file.
```

```
guest
this field names the login name of the account that will be used
for people who connect who do not already have accounts if
```

create is set to no. This is usually ax25 or guest.

group
this field names the group name that will be used for any users
who connect and do not already have an entry in the /etc/passwd
file.

first_uid
this is the number of the first userid that will be
automatically created for new users.

max_uid
this is the maximum number that will be used for the userid of
new users.

home
this is the home (login) directory of new users.

- --- END Linux AX25 HOWTO part 1/2 ---

-----BEGIN PGP SIGNATURE-----
Version: 2.6.2
Comment: finger gregh@cc.gatech.edu for public key

iQCVAwUBMi4+OntNTo2suu5NAQGG7QQAnriB3P1JVKge5oDvn14nspxXkJl0fFTu
sF3GVIiu2hSo6ap+oUhT5HKjJ22Ybi1KSuycf3HCzAG+FKkaQZwuLm5SmzdKzUEI
m0FM1i/OWiaiVCRffWVzLSsZ7ZKMYZiGnvtcsbMymajeaTIkuNkVsqbvJ+dZpbd4
G6AGg91OuaY=
=Lk+7
-----END PGP SIGNATURE-----

2396. Linux HAM HOWTO (part 1/2)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: Terry Dawson <terry@perf.no.itg.telecom.com.au>
Message-ID: <HAM-HOWTO.1-23962.841892148@cc.gatech.edu>
Source record: 217494
Cross-posted to: comp.os.linux.answers,rec.radio.amateur.misc,aus.radio.amateur.digital

Archive-name: linux/howto/ham/part1
Last-modified: 4 May 96

-----BEGIN PGP SIGNED MESSAGE-----

*** The `Linux HAM HOWTO' is posted automatically by the
*** Linux HOWTO coordinator, Greg Hankins <gregh@sunsite.unc.edu>. Please
*** direct any comments or questions about this HOWTO to the author,
*** Terry Dawson <terry@perf.no.itg.telecom.com.au>.

- --- BEGIN Linux HAM HOWTO part 1/2 ---

Linux HAM-HOWTO, Amateur Radio.
Terry Dawson, VK2KTJ, terry@perf.no.itg.telecom.com.au
v2.0, 30 April 1996

It is hoped that this document will assist Amateur Radio operators in
finding and trying the various amateur radio software that has been
written for or ported to Linux. It is also hoped that as a consequence
of this information being available that more amateur radio operators
will choose Linux as the platform of choice for their experimentation,
and that software developers will choose Linux as the platform for
their software development, further expanding the role of operating
systems like Linux in the Amateur Radio field.

1. Introduction.

This list was prompted by comments that had been expressed in the
various Linux newsgroups about the number of amateur radio operators
that were involved with Linux. It is now clear that Linux is becoming
a popular platform for Amateur Radio development work.

This list was originally called the RADIOLINUX list, but has been
moved into the Linux Documentation Project HOWTO collection, so it has
been renamed the HAM-HOWTO. I make no apologies for the name.

1.1. Changes from the previous version

Additions:
ObjectProDSP
LBBS - maybe.
Mike Westfall's ttylinkd
Craig Small's ttylinkd
predict, uo11, dove, kepgen - thanks John!
Corrections/Updates:
Copyright changed to GNU GPL version 2.0

Removed the Hints/Tricks section and made it the AX25-HOWTO
Removed the SCC, PI, PacketTwin and moved them to AX25-HOWTO
Updated svgaftt - thanks Andrew!
A small fixlet for TNOS on ftp.ucsd.edu
Updated chipmunk home site - thanks John!
Updated TNT to DPTNT

2. Where to obtain new versions of this document.

The Linux Documentation Project runs a Web Server and this document appears there as The HAM-HOWTO <http://sunsite.unc.edu/mdw/HOWTO/HAM-HOWTO.html>.

Dennis Boylan N4ZMZ <dennis@nanovx.atl.ga.us> makes it available at the following three locations:

www.com <http://www.com/linux/radio/index.html>, www.hboc.com <http://www.hboc.com/linux/index.html> and www.lan.com <http://www.lan.com/linux/index.html>.

John Gotts N8QDW <jgotts@engin.umich.edu> makes it available at: www.engin.umich.edu <http://www-personal.engin.umich.edu/~jgotts/linuxhamsoft.html>.

Dan Todd <dantodd@fusilli.ucdavis.edu> makes it available at the following two locations: wheel.dcn.davis.ca <http://wheel.dcn.davis.ca/~dantodd/Linux/HAM-HOWTO.html>, and fusilli.ucdavis.edu <http://fusilli.ucdavis.edu/Linux/HAM-HOWTO.html>.

Alan Hargreaves VK2KVF <alan@dap.CSIRO.AU> makes it available in Australia at: www.dap.csiro.au <http://www.dap.csiro.au/RadioLinux>.

The Tuebingen Radio Club has it available from their home page at: DARC Home Page <http://www.neckar-alb.de/darc/welcome.html>

Please let me know if you'd like to make it available somewhere too. I'd like to see it on some Web Servers that are accessible from radio.

3. Satellite Software.

The following software is for use in experimentation with Satellite communication.

3.1. MicroSat Ground Station Software

Author
John Melton, G0ORX/N6LYT, g0orx@amsat.org and Jonathan Naylor G4KLX, g4klx@amsat.org

Description
Microsat Ground Station software.

Status
BETA. Version 0.9-Xaw released.

System requirements
Alan Cox's kernel based AX.25 support ver 1.1.12 or better. X-Windows. The programs make use of the Athena Widgets and look much better with the 3D libraries.

Detail
This software allows you to use of a KISS tnc to directly communicate with the Microsat series of satellites. It provides an Athena Widgets based X-Windows interface, and allows you a comprehensive range of means of interacting with the satellite. The software should work with any window manager.

The software provides the following programs:

xpb:
broadcast monitor

xpg:
ftl0 file upload program, message upload program

xtlm:
telemetry display program

downloaded:
downloaded file list viewer

directory:
directory list viewer

message:
message preparation application

viewtext:
uncompressed ASCII text file viewer

viewlog:
display the contents of some log files

xweber:
special program for downloading webersat images

phs:
general purpose PACSAT header stripper

Where and How to obtain it.
John's software is available from: ftp.amsat.org
<ftp://ftp.amsat.org/amsat/software/Linux/microsat-0.9-Xaw.tar.gz>
or ftp.funet.fi
<ftp://ftp.funet.fi/pub/ham/satellite/pacsat/microsat-0.9-Xaw.tar.gz>.
Please check for new versions.

Licensing/Copyright
GNU Public License. Freely redistributable, No warranty.

Contributed by:
John Melton, G0ORX/N6LYT, Alan Cox, GW4PTS, Jonathon Naylor,

G4KLX

3.2. SatTrack - Satellite tracking program

Name
SatTrack

Author
Manfred Bester, DL5KR, manfred@ssl.berkeley.edu, (510) 849-9922

Description
Satellite realtime tracking and orbit prediction program with
X11 color graphics.

Status
Version 3.1 has been released.

System requirements
A vt100 terminal and or X11 server. A Maths Coprocessor is
useful, but not essential, for good performance.

Detail
SatTrack is a satellite tracking program that has been written
in 'C' language on a UNIX workstation. It provides two different
live displays, for single or multiple satellites, and two
different orbit prediction facilities. Cursor controls used in
both live displays are compatible with the VT100 standard, which
allows the program to be run basically from any terminal. An
optional X Window graphics display shows the typical world map
tracking chart. The orbit prediction can be run either
interactively or in a batch mode. In the latter case all
necessary parameters are specified on the command line. The
program uses the NORAD/NASA two-line Keplerian element (TLE)
sets directly.

The current version of SatTrack can track a single satellite
and/or display multiple satellites for a single ground station.
It also can control suitable ground station hardware, like
antennas and radio equipment, and has an autotrack mode in which
it switches automatically between a number of specified
satellites. For calibration purposes tracking of the Sun and the
Moon are also provided. Future releases will provide more
options. SatTrack requires about 5 MB of disk space in the full
distribution with eight different world maps (2 styles, with 4
different sizes each, to fit everyone's screen and taste) and
less than 1.5 MB of memory at run time. More information can be
obtained from the SatTrack WWW Home Page
<http://www.primenet.com/~bester/sattrack.html>

Compiling the software under Linux is quite straightforward.
Manfred has designed the Makefile to compile the software
directly under your home directory, this is easy to change.

The steps I took were:

```
# cd /usr/src
# export HOME=/usr/src
# gzip -dc sattrack-3.1.1.tar.gz | tar xvf -
# cd SatTrack/src
# vi Makefile
{Comment SUN4 compile options}
{Uncomment the linux options}
{Select the options you want}
# make
```

Where and How to obtain it.
SatTrack can be found at: ftp.amsat.org
<ftp://ftp.amsat.org/amsat/software/Linux/sattrack-3.1.1.tar.gz>
or ftp.jvnc.net
<ftp://ftp.jvnc.net/priv/kupiec/sattrack/sattrack-3.1.1.tar.gz>
or the SatTrack WWW Home Page
<http://ssl.berkeley.edu/isi_www/sattrack-3.1.1.tar.gz>

Licensing/Copyright
The software is Copyright of Manfred Bester. It can be used without special permission for non-profit, non-commercial use. For commercial applications a license from the author is required.

Contributed by:
Manfred Bester, DL5KR

3.3. Predict

Author
John A. Magliacane, KD2BD, <kd2bd@amsat.org>

Description
A satellite orbital prediction program that also tracks the sun's position to predict visible satellite passes.

Status
Complete and working.

System requirements
predict is a screen-oriented program that utilizes the ncurses-1.8.5 (or later) library. A color terminal is a plus, but not a necessity.

Detail
Features of predict include azimuth and elevation headings of satellite passes, orbital phase, sub-satellite point locations, slant ranges, orbit numbers, and sunlight visibility as a function of date and time. The program is simple, fast, and easy to use. Predict maintains an orbital database for 21 satellites that can be updated by the user through the keyboard or by using files containing NASA 2-line orbital element data. Since this

program operates under a multiuser environment, each user on the system owns and maintains his or her own unique orbital data base.

This program has been compiled using the highest level of compiler optimization for high speed execution, and uses an a.out binary format for greatest compatibility.

To install the package use the following:

```
# cd /
# tar xvfz predict.tgz
```

Where and How to obtain it.
You can obtain predict from: pilot.njin.net
<ftp://pilot.njin.net/pub/SpaceNews/linux>

Licensing/Copyright
This software is available free of charge and must be used for non-commercial purposes only.

Contributed by
John A. Magliacane, KD2BD

3.4. UO11

Author
John A. Magliacane, KD2BD, <kd2bd@amsat.org>

Description
A simple UoSAT-OSCAR-11 satellite telemetry decoding program.

Status
Complete and working.

System requirements
A 1200 baud UoSAT-OSCAR-11 FSK demodulator (Bell-202 is suitable), a VHF-FM receiver that can tune to 145.825 MHz, a small yagi antenna, and a communications program such as Minicom that can save 1200 baud ASCII telemetry data to a text file.

Detail
uo11 decodes ASCII telemetry data that has been captured through a terminal program, error checks the received data, and applies calibration equations to the received data to produce a report that can be easily understood and analyzed. uo11 comes pre-compiled (a.out format) with a man page entry for ease of use.

To install you should use the following commands:

```
# cd /
# tar xvfz uo11.tgz
```

Where and How to obtain it.
You can obtain uo11 from: pilot.njin.net

<ftp://pilot.njin.net/pub/SpaceNews/linux>.

Licensing/Copyright
This software is available free of charge and must be used for
non-commercial purposes only.

Contributed by
John A. Magliacane, KD2BD

3.5. Dove

Author
John A. Magliacane, KD2BD, <kd2bd@amsat.org>

Description
A simple DOVE-OSCAR-17 satellite telemetry decoding program.

Status
Complete and working.

System requirements
A terminal node controller (TNC), a VHF-FM receiver that can
tune to 145.825 MHz, a small yagi antenna, and a communications
program such as Minicom that can save 1200 baud ASCII telemetry
data to a text file.

Detail
dove decodes ASCII telemetry data that has been captured through
a terminal program and applies calibration equations to the
received data to produce a report that can be easily understood
and analyzed. dove comes pre-compiled (a.out format) with a man
page entry for ease of use.

To install Dove you should use the following commands:

cd /
tar xvfz dove.tgz

Where and How to obtain it.
You can obtain Dove from: pilot.njin.net
<ftp://pilot.njin.net/pub/SpaceNews/linux>.

Licensing/Copyright
This software is available free of charge and must be used for
non-commercial purposes only.

Contributed by
John A. Magliacane, KD2BD

3.6. Kepgen

Author
John A. Magliacane, KD2BD, <kd2bd@amsat.org>

Description
A simple, yet useful utility that generates Keplerian data files in the NASA 2-line format from data entered through the keyboard.

Status
Complete.

System requirements
kepgen is a screen-oriented program that utilizes the ncurses-1.8.5 (or later) library. A color terminal is a plus, but not a necessity.

Detail
kepgen allows the user to create checksummed Keplerian data files in the NASA 2-line format using orbital data entered via the keyboard. kepgen was created out of the need for generating 2-line orbital files from orbital data copied from WA3NAN audio transmissions during Space Shuttle missions. The files created can be read by virtually any satellite tracking or orbital prediction program. kepgen comes pre-compiled (a.out format) with a man page entry for ease of use.

To install kepgen you should use the following commands:

```
# cd /
# tar xvfz kepgen.tgz
```

Where and How to obtain it.
You can obtain kepgen from: pilot.njin.net <ftp://pilot.njin.net/pub/SpaceNews/linux>.

Licensing/Copyright
This software is available free of charge and must be used for non-commercial purposes only.

Contributed by
John A. Magliacane, KD2BD

4. Shack Automation Software.

Software for simplifying tasks in the shack. Examples might include software for controlling the newer breed of radios, logging programs, QSL database, or antenna rotation.

4.1. FT-890 remote control

Author
Emarit Ranu, drranu@holly.ColoState.EDU, KG0CQ.

Description
A simple program to control a Yaesu FT-890 transciever via its CAT port from linux.
Status
Working

System requirements
Yaesu FT-890, Yaesu FIF-232C interface converter or homebuilt equivalent (Feb 1993 "QST", page 37). Linux, serial cable.

Detail
The program is started with one parameter specifying the com port to use. Once started the program is menu driven. Future versions will support an X-Windows interface.

Where and How to obtain it.
The software is currently only available from the author by email.

Licensing/Copyright
You may copy this program millions of times, the only restrictions are:

- You may not charge ANYONE for the program itself.
- You may not distribute modified versions of the program.
- If you distribute the program, it MUST be the ORIGINAL tar file as received by the author. The README file has to be included.

Contributed by:
Emarit Ranu, drranu@holly.ColoState.EDU

5. Packet Radio

Software for use in conjunction with, or for facilitating packet radio.

5.1. JNOS

Author
Brandon Allbery, KF8NH, bsa@kf8nh.wariat.org

Description
Brandon ported JNOS to Linux. His port is currently of the 1.09 (aka 1.08df) release of JNOS. Future versions will probably be based on Doug Crompton's evolution of 1.08df. Brandon suggests that JNOS for Linux is primarily of interest to people with existing DOS-based NOS configurations (especially server/switch configurations) who wish to switch to Linux or to escape the 640K barrier.

Status
Brandons code was rolled back into the main jnos distribution, so development on the two runs in parallel.

System Requirements.
Any version of Linux along with ncurses 1.8.1 or 1.8.5 (the latter is preferred). Optionally you will require Linux networking (at least loopback and slip).

Detail
If you include the Linux networking code in addition to JNOS, you can link the two by a slip link running over a pty, so that Linux can provide services to your radio users. In this way you can easily add servers without having to build them into JNOS itself.

Where and How to obtain it.
You can obtain JNOS for Linux ALPHA.4 at: ftp.ucsd.edu <ftp://ftp.ucsd.edu/hamradio/packet/tcpip/jnos/jnos110i.zip> ncurses is available on most Linux ftp sites.

Licensing/Copyright
Brandon's modifications to JNOS are public domain. Most of the pre-existing NOS code is copyrighted and restricted to non-commercial use by the various contributors from Phil Karn on.

Contributed by:
Brandon Allbery, KF8NH

5.2. TNOS

Author
Brian A. Lantz, brian@lantz.com

Description
TNOS is a NOS derivative that is being actively supported and which is available for both DOS and Linux. It features enhancements not found in other NOS versions.

Status
The current version is 2.0 and is stable.

System Requirements
Kernel networking slip support if you want to link the normal Linux network facilities with TNOS. A kiss tnc.

Detail
Brian maintains a World Wide Web server which contains up to date information on TNOS, you can find it at www.lantz.com <http://www.lantz.com/tnos/tnos.html>.

Where and how to obtain it
The current version of TNOS is always available from: ftp.lantz.com <ftp://ftp.lantz.com/tnos/current/linux/>, sunsite.unc.edu <ftp://sunsite.unc.edu/pub/Linux/apps/ham/>, or ftp.ucsd.edu <ftp://ftp.ucsd.edu/hamradio/packet/tcpip/tnos/>.

Licensing/Copyright etc.
Free for use by amateur radio operators and educational oraganisations

5.3. N0ARY Packet BBS for UN*X

Author
Bob Arasmith, N0ARY, ported to Linux (and others) by Bob Proulx, KF0UW, rwp@fc.hp.com

Description
A packet bbs implemented under UN*X.

Status
ALPHA. Bob is running version ARY-0.9 on both Linux and HP-UX. The next version from N0ARY which is called 4.0 is in alpha test/development release. Bob has not been able to bring this online yet and is still running 0.9+kf0uw mods. Bob has about half it working with Alan Cox's AX.25 kernel which would be the desirable combination.

System Requirements.
Linux installation, C Compiler, plus HAM radio TNC hardware.

Detail
This bbs has an excellent packet user interface. It has a compatible set of commands with the RLI bbs so users will be familiar with it immediately. It then extends the command set to be a very nice natural language style interface (e.g "list at allus about KPC-3"). Many csh style bang commands are supported. Also included is a mail interface to provide a packet to internet gateway.

Currently you need to customize the source code for your installation so you need some C programming proficiency.

Where and How to obtain it.
For a Linux version or for Linux information send mail to rwp@fc.hp.com. For a SunOS version contact bob@arasmith.com. This code is not packaged for distribution yet since it is not past the alpha stage of development.

Licensing/Copyright
Copyright by Bob Arasmith, N0ARY, but freely redistributable.

Contributed by:
Bob Proulx, kf0uw, rwp@fc.hp.com

5.4. LBBS - Linux BBS message gateway

Author
Daryl L Miles, G7LED, dlm@frink.demon.co.uk

Description
A BBS package designed to operate with either the native AX.25 kernel code or with the Wampes package.

Status
In development, working.

System requirements
Kernel AX.25 support or the Wampes package. sendmail, CNEWS.

Detail
Daryl's aim was to build a platform on which amateurs could build a Packet BBS to smtp gateway for Linux. I'm not sure what the current status is as the last version I could find was dated 30 Jun 1995. The latest binary version supports:

- MBL, FBB batching, FBB compressed, FBB type 1 compressed forwarding with restart facility implemented, deferring, and rejection.

- various Linux transport mechanisms including TCP kernel, AX.25 kernel, Wampes NetROM, AX25 or TCP.

- Simple dialer, to allow connections through AX.25 or NetROM nodes.

- White Pages

- Transient handling of type A (ACK messages).

- SMTP/NNTP<>BBS gatewaying implemented heavily to the extent that the user front end will be accessing the NetNews spool to retrieve articles.

- Message filter mechanism

- Field swapping (like SWAPP.SYS in FBB).

- Multiuser/connect.

To install, I did the following:

```
# cd /usr/src
# mkdir LBBS
# tar xvfz LBBS-0.1.6A.tar.gz
# cd LBBS
# ./Install.sh
```

This created a /usr/lbbs directory. The README.Setup file suggest an order in which to configure the BBS.

Where and How to obtain it.
You can obtain LBBS from: G7PIT's ftp site <ftp://rsl_pc3.ion.le.ac.uk/pub/LBBS>, or ftp.ucsd.edu <ftp://ftp.ucsd.edu/hamradio/packet/tcpip/linux/>.

Licensing/Copyright
Freely distributable for any non-commercial Amateur Radio use only. No warranty. Will be changed to GPL when software is stable.

5.5. MBL/RLI message to NNTP and email converter.

Author
SM0OHI, pme@it.kth.se

Description
Software that will convert incoming MBL/RLI messages into either NNTP or RFC-822 formatted mail messages.

Status
Development, not yet released.

System requirements
Unknown.

Detail
This software would be ideally suited to those who want to establish a mail and news gateway between conventional tcp/ip networks and the amateur radio mail network.

Where and How to obtain it.
Not yet availale.

Licensing/Copyright
Unknown.

Contributed by:
SM0OHI

5.6. Packet Cluster Node software

Author
Franta Bendl, DJ0ZY, and Bernhard ("Ben") Buettner, DL6RAI, root@dl6rai.muc.de

Description
A PacketCluster like system running on Linux.

Status
Released in October 1995.

System Requirements
Linux Kernel version 1.2.0 or greater with Alan Cox's AX.25 version 025 driver, TCP/IP networking, SysV IPC. Also needs Perl and KISS TNC hardware on serial device.

Detail
PacketCluster nodes have been available for about six years. The original software was written by Dick Newell, AK1A, and is running under DOS. clx is a system which clones a PacketCluster node. To the outside user commands and features are mostly identical, remote PacketCluster nodes, which can be networked, don't see the difference between a generic PacketCluster node and clx. So it fits well into an established network of PacketCluster nodes.

clx is not a user application, it is network node software. As such it is not of much use for the individual amateur. SysOPs of

PacketCluster nodes with some experience on both PacketCluster
and Linux will find this application interesting.

Here are some of the features of CLX:

• It is fully compatible with the internal PCxx protocol and from
a users' point of view. It allows multitasking and different
priorities for different things.

• The software detects looping DX spots without generating endless
messages. clx filters out such duplicate information. We have
implemented a concept which allows us to connect the network at
multiple points, which would formerly have been called a
"Cluster Loop". clx knows of so-called "active" and "passive"
links. The outcome is that more DX information is seen by clx.

• An interface to call your external programs (even dialog
programs).

• clx uses modern programming concepts like shared memory for
common data, lex & yacc to implement command language, shared
libraries to keep binaries small (this is still on our wish
list), remote procedure calls for inter process communication.
It is strictly modularized with its own dedicated process for
every major task.

• Comprises the following modules:

con_ctl
interfaces AX.25 kernel code and provides a socket for local
users.

rcv_ctl
manages receive spooling.

snd_ctl
manages transmit spooling.

rm_disp
receive message dispatcher, forwards messages to other
processes.

usr_req
user database requests, forks a process for every database
task to make it run in the background. The background process
later sends the results directly to send_ctl.

mb_ctl
mailbox control. The mailbox keeps messages in a file system,
header information is stored in the database.

usr_ctl
user administration (logins, logouts, logbook).

usc_mng
manages external user commands and command extensions.

iu_com
inter user communication (talk, conference).

send_ctl
transmit spooling, handling priorities.

icl_com
inter node communication (processing and generating PCxx
messages).

clx_ctl
system administration, installing shared memory pages.

int_com
manages internal program communications.

- The following is the only application program which can be run on the console:

loc_usr
allows console operator(s) to log in like a normal user.

Future enhance planned are:

- A console monitor to watch ongoing activities
- Speed optimization
- An internal clx protocol
- An additional command shell for experienced users

Where and How to obtain it:
ftp.funet.fi <ftp://ftp.funet.fi/pub/ham/unix/Linux/cluster>

There are five files that make up the package:

- 00Index
- clx_200.tgz
- install.clx
- README

Licensing/Copyright
clx (c) by Franta Bendl (DJ0ZY) and is available for non-
commercial use, but the authors want to keep track of who is
using their product, so before you can actually use the software
you have to ask for an encrypted callsign string to be placed in
the configuration file. You must send mail to
<clx_us@dl6rai.muc.de> to organise this.

Contributed by:
Bernhard ("Ben") Buettner, DL6RAI

5.7. Single floppy disk AX.25 router.

Author
Alan Cox, GW4PTS, iialan@iifeak.swan.ac.uk

Description
A single floppy disk version of linux with enough software to
allow a PC to act as an AX.25/IP router.

Status
Development, not yet released.

System requirements.
As for any Linux system a 386SX class PC or better.

Detail
No detail yet.

Where and How to obtain it.
Not yet available.

Licensing/Copyright
Unknown/Undecided.

5.8. DPTNT Terminal and BBS package.

Author
Mark Wahl, DL4YBG, DL4YBG@DB0BLO.#.DEU.EU, wahlm@zelator.de

Description
A suite of programs that provide BBS and Terminal programs for
Linux.

Status
Stable and working.

System requirements
TNC supporting WA8DED hostmode or KISS protocols.

Detail
TNT is a full featured hostmode terminal program. Compiling it
on Linux is as difficult as untarring the source and typing
`make'. It provides both a `dumb' terminal and X11 version. It
comes with some comprehensive documentation which describes its
features in some detail. Its main features are:

Multiple sessions:
TNT supports multiple packet radio connections on virtual
screens that you can switch between. Each session window
provides split screen (seperate transmit and receive text)
operation with a status line. Commands can be entered in
either a command session, or in any terminal session using a
command key. Each of the virtual screens can be larger than

the physical screen and can be scrolled around.

Data capture, file transfer and logging:
A number of options are available for logging received text to files. You can log transmit, receive or both to a log file. You can overwrite or append received data to existing files. You can use the `autobin' protocol to transmit or receive binary files.

Remote Shell operation:
You can provide a shell to remote users so that they can access other programs on your computer. You can also run a program and direct its input/output to a channel so that users can use it.

Redirection of devices to a channel:
TNT allows you to redirect input/output from a channel to a device, a modem for example.

Umlaut conversion:
TNT provides umlaut conversion if necessary.

Remote mode:
Remote users can issue command themselves if allowed to do so.

Socket mode:
You can configure tnt so that it opens a socket for users to telnet to that allows them operation just as you have from the console. This is useful where your linux machine is on an ethernet and you want other terminal on the net to have use of your radio.

DPBOX is a full featured BBS supporting the following features:

- F6FBB, W0RLI, TheBox style forwarding protocols.
- 8-bit transparent handling of messages using AutoBIN protocol.
- BBS data compressed to save space on disk, forwarding and downloading.
- "Live message capture" off BBS frequency, saves network traffic.
- PACSAT style bulletin broadcast transmitter and receiver.
- up to 200 simultaneous users.

Where and How to obtain it.
TNT by itself is available by anonymous ftp from: ftp.funet.fi <ftp://ftp.funet.fi/pub/ham/unix/packet/tntsrc09.tgz>. The DPTNT package may be found at: ftp.funet.fi <ftp://ftp.funet.fi/pub/ham/unix/packet/dptnt/>, or ftp.tapr.org <ftp://ftp.tapr.org/pub/tapr/software_lib/Linux/>, or

ftp.ucsd.edu
<ftp://ftp.ucsd.edu/hamradio/packet/tcpip/incoming/>.

The Home Pages of the developers are at: DL4YBG
<http://www.snafu.de/~wahlm/> and DL8HBS <http://hppool0.rz.hu-berlin.de/~h0187akk/>
Licensing/Copyright
The TNT and DPBOXT programs are covered by the GNU Public License. The TFKISS program is covered by ALAS (a german license for Amateur Radio use), and the DPBOX program is freely distributable for Amateur Radio use.

5.9. IPIP encapsulation daemon.

Name
Mike Westerhof's IPIP encapsulation daemon.

Author
Mike Westerhof KA9WSB (original code), then Bdale Garbee N3EUA (port to BSD), then Ron Atkinson N8FOW and John Paul Morrison (port to Linux), then Bdale rolled it all back together again.

Description
A daemon that will allow you to use your linux machine as an IPIP encapsulating gateway.

Status
Ron is running this code himself, and the other version have been run quite successfully.

System requirements
KISS TNC, any version of Linux supporting RAW sockets.

Detail
If you've ever used an internet gateway from your amateur packet radio you have probably been connected by an encapsulation gateway of some descpription. Most run KA9Q's NOS and DOS, but others run Unix and this daemon. It allows you to encapsulate IP within IP, so that you can 'tunnel' IP connections over the Internet. The software allows you to connect a KISS TNC to your linux machine and to have all datagrams received on it carried across the Internet to a similar gateway. Bdale has installation instructions in the package.

Where and How to obtain it.
This software is available from the col.hp.com
<ftp:///col.hp.com/hamradio/packet/etc/ipip/ipip.tar.gz> ftp site.

Licensing/Copyright etc.
Freely distributable, though Bdale asks that if you use the code and like it you might send him a QSL card or a postcard.

Contributed by:
Ron Atkinson, N8FOW, and Bdale Garbee, N3EUA

5.10. AXIP encapsulation daemon.

Name
Mike Westerhof's AXIP encapsulation daemon.

Author
Mike Westerhof KA9WSB, ported to Linux by Ron Atkinson N8FOW.

Description
A daemon that will allow you to use your linux machine as an
AXIP encapsul ating gateway.
Status
Not properly tested, but assumed to work ok.

System requirements
KISS TNC, any version of Linux supporting RAW sockets.

Detail
This daemon is the partner to the IPIP encapsulation daemon. It
allows you to encapsulate AX.25 frames in IP to carry them
across the Internet. This is useful for linking AX.25 networks
in remote areas. Ron has supplied a Makefile for linux, and with
it the software compiled without errors on my system running a
recent version kernel. Ron has also written some README files
which give you the detail necessary to compile the system and
the original documentation describes how to configure it.

Where and How to obtain it.
This software is available in the sunsite.unc.edu ham apps
directory
<ftp://sunsite.unc.edu/pub/Linux/apps/ham/ax25ip.tar.gz>.

Licensing/Copyright etc.
Freely distributable so long as the original copyright notice is
not removed.

Contributed by:
Ron Atkinson, N8FOW

5.11. Ping-Pong Convers Server

Name
Fred Baumgartens Convers Server for Linux.

Author
Fred Baumgarten, DC6IQ, <dc6iq@insu1.etec.uni-karlsruhe.de>

Description
This is a version of the convers server that allows multiple
users to simultaneously chat with each other in a round-table
style conversation. It is compatible with the NOS convers
servers, but provides extra facilities such as saving/restoring

of Personal Text and Chanel Topics.

Status
In use of a number of popular convers servers, appears very stable.

System requirements.
Linux, GNU make, C compiler.

Detail.
Complete installation instructions are included in the INSTALL file that is included in the distribution.

Where and How to obtain it.
A distribution of this software is available at sunsite.unc.edu <ftp://sunsite.unc.edu/pub/Linux/apps/ham/convers/>. The home of the software is at insu1.etec.uni-karlsruhe.de ftp server <ftp://insu1.etec.uni-karlsruhe.de/pub/hamradio/convers/convers>

Licensing/Copyright etc.
Presumably copyright Fred Baumgarten (not specifically stated), but some portions appear to be free for non-commercial use and copying provided the copyright notices stay intact.
5.12. RSPF Daemon

Name
RSPF - Radio Shortest Path First routing daemon for Linux

Author
Craig Small vk2xlz <csmall@triode.apana.org.au>

Description
An implementation of the Radio Shortest path First routing protocol for linux. The daemon supports version 2.2 of the protocol which corrects a lot of bugs and problems that were present in version 2.1.

Status
Alpha - running, needs testing and bug reports. Current version is 0.05

System requirements.
Requires Alan Cox's kernel based AX.25 code.

Detail
This program will allow Linux to become an RSPF router. It addresses some of the quirks of RSPF v2.1, the version in NOS which means that it is incompatible with the NOS version. It will also allows remote/local queries via a tcp session for debugging and diagnostic purposes.

Where and How to obtain it.
Current versions are always available from sunsite.unc.edu <ftp://sunsite.unc.edu/pub/Linux/apps/ham/> or ftp.ucsd.edu

<ftp://ftp.ucsd.edu/hamradio/packet/tcpip/incoming> or from the
author.

Licensing/Copyright
GNU Public License vers 2.0

Contributed by:
Craig Small vk2xlz <csmall@triode.apana.org.au>

5.13. Michael Westfall's TTYLINK Daemon

Name
ttylinkd - a ttylink daemon for Linux.

Author
Michael Westfall, N6KUY, <mwestfal@.csci.csusb.edu>

Description
A split screen terminal program that listens on the ttylink port
and accepts incoming connection requests.

Status
Seems to work fine.

System requirements
none special.

Detail
This is a standalone program that does require you to change the
configuration of your system at all. If you have root access on
your machine then you run the program in a VT or in an XTerm and
it will clear the screen and wait for an incoming connection on
port 87 (ttylink). When a connection is received it will provide
you with a split screen display with which to communicate with
the calling person.

Where and How to obtain it.
You can obtain ttylinkd from: sunsite.unc.edu
<ftp://sunsite.unc.edu/pub/Linux/apps/ham/ttylinkd.tgz> or
ftp.ucsd.edu
<ftp://ftp.ucsd.edu/hamradio/packet/tcpip/incoming/ttylinkd.tgz>.

Licensing/Copyright
Unknown, presumed freely distributable.

5.14. Craig Small's TTYLINK Daemon

Name
ttylinkd - a ttylink daemon for Linux.

Author
Craig Small, VK2XLZ, <csmall@triode.apana.org.au>

Description
A daemon to accept a ttylink (port 87) tcp/ip connection and

convert it into a talk request for a user on the host machine.
This may also be configured for use with the ax25d program so
that AX.25 users may also make use of it to connect to you.

Status
Alpha, but working.

System requirements.
Kernel networking support with AX.25 support if desired.

Detail
Because the talk protocol is a non-standard, that is it isn't
actually defined anywhere (except the source), the ttylink
protocol from NOS has become the defacto standard, at least for
amateurs, to provide keyboard to keyboard communication over
tcp/ip. This daemon fills the need for something to answer
ttylink requests to linux machines.

To build and install the software, I did:

```
# cd /usr/src
# tar xvfz ttylinkd-0.02.tar.gz
# cd ttylinkd-0.02
<edited the Makefile to change the SYSOP_USER>
# make
# cp ttylink /usr/sbin
<edited /etc/service, /etc/inetd.conf as instructed in README>
# killall -1 inetd
```

Where and How to obtain it.
You can obtain the latest version of ttylinkd from:
sunsite.unc.edu <ftp://sunsite.unc.edu/pub/Linux/apps/ham/> or
ftp.ucsd.edu
<ftp://ftp.ucsd.edu/hamradio/packet/tcpip/incoming>.

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GNU Public License vers 2.0
6. Morse Code

Software for use in conjunction with, or for facilitating Morse
communication.

6.1. GW4PTS Morse trainer.

Author
Alan Cox, GW4PTS, iialan@iifeak.swan.ac.uk

Description
A Morse Code trainer that uses the PC internal speaker

Status
stable, works quite well, unfinished.

System requirements
Linux, any version

Detail
Alan wrote this small program in only an hour. It is quite neat, and allows you to play morse at a range of speeds and frequencies through the PC internal speaker. You can specify the text to be played either from the command line, from a file, or the program is capable of generating random character groups. As it stands you must invoke the program from a Linux Virtual Console, as it relies on certain kernel calls to produce the sound, and these don't work as easily from an XTerm. As it sounds each character it lists the character in verbal form (Di, Dit, Dah etc.) to the screen. Alan is hoping that someone will take the code and enhance it with the features he has listed in the comments at the head of the source file.

Where and How to obtain it.
I've had a large number of responses from people seeking this code, so I've obtained Alan's permission to make it available. You can obtain it from sunsite.unc.edu <ftp://sunsite.unc.edu/pub/Linux/apps/ham/GW4PTS.morse.tar.gz>.

Copyright/Licensing
GNU Public License 2, freely redistributable, no warranty.

6.2. morse (aka superiormorse)

Author
Joe Dellinger, Hawaii Institute of Geophysics, University of Hawaii at Manoa, joe@sep.stanford.edu, jdellinger@trc.amoco.com, joe@soest.hawaii.edu

Description
A morse-code practice program for UNIX workstations.

Status
Quite stable

System Requirements
Currently supports X11, Sun4, HP, Indigo, and Linux

Detail
Lots of features and options. Includes a utility for generating random content QSOs, similar to those used in the FCC exams.

Where and How to obtain it:
morse can be obtained from: sepftp.standford.edu <ftp://sepftp.stanford.edu/pub/UNIX_utils/morse/morse.tar.gz>.

Licensing/Copyright
Freely Redistributable

Contributed by:
Brian Suggs, AC6GV, and John Gotts, jgotts@engin.umich.edu

7. AMTOR Software.

Software for use in conjunction with, or for facilitating AMTOR.

8. PACTOR Software.

Software for use in conjunction with, or for facilitating PACTOR.

9. Slow Scan Television Software.

Software for use in conjunction with, or for facilitating Slow Scan Television.

10. Facsimile Software.

Software for use in conjunction with, or for facilitating Facsimile.

11. Design and Construction Software.

Software to assist in the design and construction of amateur radio related things. Antenna, Circuit Board, Filter, and QSL card design packages are all good candidates for this section.

11.1. Software Oscilloscope

Author
Jeff Tranter, Jeff_Tranter@Mitel.COM

Description
Scope is a simple software emulation of an oscilloscope. It graphically displays voltage as a function of time.

Status
ALPHA. First release.

System requirements
Sound card with input capability supported by the kernel sound driver. SVGALIB is used to do the display work.

Detail
Scope uses the /dev/dsp device to take audio in from the soundcard and displays it on the screen in a manner similar to an oscilloscope. Jeff claims Scope was written more for amusement value than for any serious purpose.

Where and How to obtain it.
You can obtain source, makefile and man page for Scope from:
sunsite.unc.edu
<ftp://sunsite.unc.edu/pub/Linux/apps/circuits/scope-0.1.tar.gz>

Licensing/Copyright
GNU Public License, Freely redistributable, No warranty.

11.2. Printed Circuit Board design tool.

Author
Thomas Nau, <Thomas.Nau@rz.uni-ulm.de>

Description
An X11 based interactive printed circuit board design tool.

Status
Vers 1.3, stable.

System requirements
X11 Windowing system and a recent flex program.

Detail
The pcb package comes with good instructions on how to compile and install the software. I compiled it without error under X11R6. It comes with package layouts for a range of popular components and the example layout nicely demonstrates the capabilities of the package.

Where and How to obtain it.
You can obtain the pcb package from: sunsite.unc.edu <ftp://sunsite.unc.edu/pub/Linux/apps/circuits/pcb-1.3.tar.gz> or from: ftp.medizin.uni-ulm.de <ftp://ftp.medizin.uni-ulm.de/pub/pcb-1.3/pcb-1.3.tar.gz>

Licensing/Copyright
GNU Public License

11.3. Chipmunk circuit design and simulation tool

Author
Dave Gillespie <daveg@synaptics.com> and John Lazzaro <lazzaro@cs.berkeley.edu>

Description
Schematic Entry and Digital or Analog Simulation.

Status
vers 5.10, stable.

System requirements
X11 windowing system and older (XFree86-2.x) libs, 8 bpp (256 color) only

Detail
I haven't tried this one out yet.

Where and How to obtain it.
You can obtain the Chipmunk package from its home site at www.pcmp.caltech.edu <http://www.pcmp.caltech.edu/chipmunk/>.

Licensing/Copyright
Modified GNU Public License, Caltech specifically disclaimed from liability.

11.4. irsim

Author
Dmitry Teytelman, dim@leland.stanford.edu

Description
An event-driven logic-level simulator for MOS circuits

Status
Version 9.2, production.

System Requirements
X-Windows.

Detail
irsim is an X11 based simulator for MOS circuits. It has two
simulation modes, either switch where each transistor is
modelled as a voltage controlled switch, or linear where each
transistor is modelled as a resistor in series with a voltage
controlled switch, and each node has a capacitance.

Where and How to obtain it.
You can obtain irsim from: sunsite.unc.edu
<ftp://sunsite.unc.edu/pub/Linux/apps/circuits/irsim-9.2.linux.1.tar.gz>.

Licensing/Copyright
Freely Redistributable

11.5. Spice vers. 3f4

Author
University of California, Berkeley, port by
Jeff@RyeHam.EE.Ryerson.Ca

Description
Spice is an analog circuit emulator.

Status
Stable release.

System requirements
Unknown.

Detail
Spice allows you to design and test circuits in a computer
modelled environment to see how they will behave without having
to touch a soldering iron, or solder. A readme file comes with
the package. To install I did the following:

```
# cd /usr/src
# gzip -dc spice3f4.tar.gz | tar xvf -
# cd spice3f4
# ./utils/build linux
# ./utils/build linux install
```

Where and How to obtain it.
You can obtain version 3f4 of Spice from: sunsite.unc.edu
<ftp://sunsite.unc.edu/pub/Linux/apps/circuits/spice3f4.tar.gz>
Licensing/Copyright
Copyright held by University California, Berkeley. Freely

redistributable provided you are not unfriendly to the U.S.

11.6. svgafft - Spectrum analyser

Author
Andrew Veliath, veliaa@rpi.edu

Description
svgafft is a spectrum analyser for Linux.

Status
Alpha, but usable.

System requirements
F77, Linux supported sound card, svgalib, a 486DX33 or better.

Detail
svgafft uses the /dev/dsp device and currently supports 16-bit
and 8-bit sample resolution on supported Linux soundcards. It's
display is something akin to a high-end spectrum analyzer with
falling peaks. Andrew is working on an X-Motif version to be
released soon.

Where and How to obtain it:
You can find the software at tsx-11.mit.edu
<ftp://tsx-11.mit.edu/pub/linux/ALPHA/svgafft/svgafft-0.2h.tar.gz>
and sunsite.unc.edu
<ftp://sunsite.unc.edu/pub/Linux/apps/sound/freqs/svgafft-0.2h.tar.gz>.

Licensing/Copyright
GNU Public License.

Contributed by:
Andrew Veliath, veliaa@rpi.edu

11.7. Audio Spectrum Analyser

Author
Philip VanBaren, phillipv@eecs.umich.edu

Description
An audio spectrum analyser for Linux SVGALIB or X-Windows.

Status
Alpha but usable

System requirements
Linux supported sound card, svgalib or X-Windows.

Detail
freq5a1 uses the /dev/dsp device, samples the incoming audio,
performs a fast fourier transform on the data and displays the
output in either 640x480 VGA or an X-Window.

Where and How to obtain it:
You can obtain freq5a1.tar.gz from: sunsite.unc.edu
<ftp://sunsite.unc.edu/pub/Linux/apps/sound/freq5a1.tar.gz> or
by mail from the author.

Licensing/Copyright
GNU Public License vers 2.0.

11.8. ObjectProDSP

Author
Paul Budnik, Mountain Math Software, support@mtnmath.com

Description
ObjectProDSP is an object oriented tool for design, development
and implementation of Digital Signal Processing. It allows you
to design your DSP network, runs simulations with oscilloscope
style plots and listings at any point in the network.

Status
alpha.

System requirements
XFree86 3.1.1 or better, g++ from gcc 2.6.3 or better, 32Mb of
total memory (real+swap) recommended, 6Mb of disk space for
minimum configuration, 40Mb disk for full installation.

Detail
There are a number of files that comprise the package. There is
a binary only package for Linux which I recommend you start
with. There is comprehensive documentation included from which
you can obtain installation and operation instructions.

Where and How to obtain it.
You can obtain ObjectProDSP from: sunsite.unc.edu
<ftp://sunsite.unc.edu/pub/Linux/devel/opd>, tsx-11.mit.edu
<ftp://tsx-11.mit.edu/pub/linux/packages/dsp>, or ftp.funet.fi
<ftp://ftp.funet.fi/pub/OS/Linux/util/electronics/opd>. There
are a number of files that comprise the package, some of the
quite large so be prepared.

- --- END Linux HAM HOWTO part 1/2 ---

-----BEGIN PGP SIGNATURE-----
Version: 2.6.2
Comment: finger gregh@cc.gatech.edu for public key

iQCVAwUBMi5BFntNTo2suu5NAQHjmAP/SLAulnUMvVAY7+5/YNd9R354HuCCFNz7
3JlggkLSaZ2LrQmUqSWhTQ2MKu3fm5+9SYL3iGBXYa/Yhjk69XrV3PwaAPxVPJ9E
K2F+/irdvHREbwK03NUpSuUtKYu7w4jb92Oti6bMKGA+xjxGi5GLss4F8+0oRN2F
Nu9AopYwbDk=
=+wmx
-----END PGP SIGNATURE-----

2397. Linux HAM HOWTO (part 2/2)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: Terry Dawson <terry@perf.no.itg.telecom.com.au>
Message-ID: <HAM-HOWTO.2-23962.841892148@cc.gatech.edu>
Source record: 217495
Cross-posted to: comp.os.linux.answers,rec.radio.amateur.misc,aus.radio.amateur.digital

Archive-name: linux/howto/ham/part2
Last-modified: 4 May 96

-----BEGIN PGP SIGNED MESSAGE-----

*** The `Linux HAM HOWTO' is posted automatically by the
*** Linux HOWTO coordinator, Greg Hankins <gregh@sunsite.unc.edu>. Please
*** direct any comments or questions about this HOWTO to the author,
*** Terry Dawson <terry@perf.no.itg.telecom.com.au>.

- --- BEGIN Linux HAM HOWTO part 2/2 ---

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GNU Public License vers 2.0., Commercial licensing available.

12. Training/Educational Software.

Software to assist in education or training for amateur radio. Morse
Code tutorials, technical examination database, Computer Based
Training software, and the like are listed here.

13. Miscellaneous Software.

Software that didn't neatly fit into any other category.

13.1. Linux for HAMS CD-ROM

Author
Bruce Perens, bruce@pixar.com

Description
A complete linux distribution on CDROM specifically designed for
Amateur Radio operators.

Status
Not yet available.
System requirements.
Linux compatible hardware, some software will obviously require
specialised hardware to operate. No additional software should
be required.

Detail
A complete Linux distribution specifically catering for Amateur
Radio operators. It will include a fully featured Linux
installationplus a range of amateur radio specific software such
as those listed in this document. Bruce has detail and updated
status report available at the LinuxForHams WWW page

<http://www.rahul.net/perens/LinuxForHams>.

Where and how to obtain it:
It isn't yet available, details will be made available when it is released.

Licensing/Copyright
GNU Public License.

Contributed by:
Bruce Perens, bruce@pixar.com

13.2. SunClock

Author
John Mackin, john@cs.su.oz.AU

Description
A clock that will show you instantly what parts of the globe are exposed by sunlight and what parts aren't.

Status
Released.

System requirements.
X-Windows.

Detail
sunclock is another of those desktop gadgets that most people think look nice but really don't have a lot of use for. I use sunclock to obtain an at-a-glance indication of the time anywhere in the world. In its iconic form it sits in a small Mercator projection. When maximised it produces the same image but obviously larger with slightly more detail. It also displays the date, local time and UTC. sunclock actually calculates mathematically what parts of globe are sunlit and which aren't, it seems quite accurate, so long as you assume the earth has no atmosphere.

Where and How to obtain it.
I haven't seen any precompiled sunclock binaries for Linux about, so check your nearest archie server. sunclock compiled straight out of the box for me.

Licensing/Copyright
Public Domain and may be freely copied as long as the notices at the top of sunclock.c remain intact.

13.3. Xearth

Author
Kirk Johnson, <tuna@cag.lcs.mit.edu>

Description
A rotating earth for X-windows root window. It has real life

shading, and options for geostatic view, and non geostatic view.
A prettier and more modern version of sunclock but requires a
bit more processing power.

Status
Version 1.0.

System requirements.
X-Windows.

Detail
xearth is a sophisticated program which draws a colour picture
of the earth onto your X Windows display. It offers either an
orthographic view as you would see from space or the map like
mercator projection. You have a number of options in determining
the behaviour of the view. The details are available from the
xearth Home Page <http://cag-www.lcs.mit.edu/~tuna/xearth/> and
in the documentation which is supplied with the package.

Where and How to obtain it.
The source can be obtained from its home site at cag.lcs.mit.edu
<ftp://cag.lcs.mit.edu/pub/tuna/> or just about any X11/contrib
directory.

Licensing/Copyright
Copyright (C) 1989, 1990, 1993 by Kirk Lauritz Johnson. The
copyright notice included states that xearth is freely
redistributable so long as the copyright notice is left intact,
and be included in documentation.

Contributed by:
Kirk Johnson" <tuna@kanchenjunga.lcs.mit.edu>

14. How to contribute or update an entry.

I'd like for this list to be as complete and up-to-date as possible.
So I'm keen to hear about any developments or products that I don't
already know about, or that the entry is obselete or outdated for.

What I'd like as a minimum set of requirement would be something like
the following:

Name
The name of the software in question.

Author
Who wrote, or ported the software. An email address, or some
other means of contacting them is also essential.

Description
A single line description of what the software does.

Status
An indication of the software's status. Is it still in testing?

Is it a production release? Is it still in the design stage?

System requirements
What does the software require to run? Does it require X-Windows? Does it need a soundcard? Does it need a certain version of kernel? Does it need other software to support it?

Detail
I'm not keen on including a large amount of detail on each piece of software as this would consume a lot of time reading and trying to keep up to date. So instead what I'd like to list is what makes this software unique, anything special about it. Perhaps its most outstanding features, that sort of thing.

Where and How to obtain it.
If the software is freely distributable then ftp details would be great. If it is commercial software then the name of the company distributing the software, and an address or telephone number. If it is available only by some other means, say mail order, then details on where and how to obtain it.

Licensing/Copyright
Is the software Copyleft? Copyright? Shareware? Public Domain? Restricted in use in any way?

Don't worry if you don't know all of these details, just send me what you do know and I'll list what I can. I'd rather have an incomplete listing than no listing at all.

Please mail any contributions to:

<terry@perf.no.itg.telecom.com.au>

I'd list a packet radio address too but I'm still not properly operational again yet after moving house.

15. Discussion relating to Amateur Radio and Linux.

There are various places that discussion relating to Amateur Radio and Linux take place. They take place in the comp.os.linux.* newsgroups, they also take place on the HAMS list on vger.rutgers.edu. Other places where they are held include the tcp-group mailing list at ucsd.edu (the home of amateur radio tcp/ip discussions), and you might also try the #linpeople channel on the undernet irc network.

To join the Linux linux-hams channel on the mail list server, send mail to:

Majordomo@vger.rutgers.edu

with the line:

subscribe linux-hams

in the message body. The subject line is ignored.

To join the tcp-group send mail to:

listserver@ucsd.edu

with the line:

subscribe tcp-group

in the body of the text.

Note: Please remember that the tcp-group is primarily for discussion of the use of advanced protocols, of which tcp/ip is one, in Amateur Radio. Linux specific questions should not ordinarily go there.

16. Copyright.

The HAM-HOWTO, an introduction to Amateur Radio software available for Linux and information on how to configure some of it. Copyright (c) 1995 Terry Dawson.

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You should have received a copy of the GNU General Public License along with this program; if not, write to the:

Free Software Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.

- --- END Linux HAM HOWTO part 2/2 ---

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Version: 2.6.2
Comment: finger gregh@cc.gatech.edu for public key

iQCVAwUBMi5BJXtNTo2suu5NAQE83wP/XljWxCWHYos29qh6nHwMfy3gId11bnbO
qo9Ple/Mray+M2ux/A0DiIzLG/Iw50UKiiHYOhN1BcKnYjtVXASajtHbofR2Tje3
VA0maBJ5S2pj5SS5w87WUzEkDJ8Qu0ZHPoKWD3Fn8bhsQtobBlGV5ZRRJJoLTKK0
OprGBj6fipE=
=d7Cp
-----END PGP SIGNATURE-----

2398. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: kd1nr@anomaly.ideamation.com
Message-ID: <50l4ld$2uc@anomaly.ideamation.com>
Source record: 217496

In article <50kqqm$2lt@anomaly.ideamation.com>,
Michael P. Deignan <kd1hz@anomaly.ideamation.com> wrote:
>I would say that at least 50% of the "I want to eliminate the code"
>types that I've met fit into this category.

I think part of the reason that 50% of the folks you've met fit that category
is because you're here in RI - the old quid pro quo state.
>
>Stereotypes do have a basis in fact. That's how they get created.

In some cases yes - as a matter of fact I had occasion to stop into the
supermarket yesterday. The store was wiped clean of most merchandise and
at the register the majority method of payment was food stamps held by a
certain minority. But in other cases no - stereotypes don't apply. As an
example you frequently bust my chops about mob related things because I
happen to have some Italian ancestry but that has never been my thing. I like
having a job I can quit without having to die. :)

Tony

(I'm not a bigot - I just hate everyone.)

--
== Tony Pelliccio, KD1NR
== As offensive as I wanna be.
== kd1nr@anomaly.ideamation.com

2399. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <50l57q$2v4@anomaly.ideamation.com>
Source record: 217497

In article <50l4ld$2uc@anomaly.ideamation.com>,
Anthony S. Pelliccio <kd1nr@anomaly.ideamation.com> wrote:

>I think part of the reason that 50% of the folks you've met fit that category
>is because you're here in RI - the old quid pro quo state.

Now, now. Don't forget our official state motto: What's in it for me?

>In other cases no - stereotypes don't apply. As an
>example you frequently bust my chops about mob related things because I
>happen to have some Italian ancestry but that has never been my thing. I like
>having a job I can quit without having to die. :)

#include <godfather_theme_music.h>

Yano... not for nut'in, but the only reason you're not in the family
is they threw you out after you divorced the capo's daughter.... If
it weren't for that you'd be sitting back watching the videos roll in.
You too could have died at a ripe old age of lead poisoning.

>(I'm not a bigot - I just hate everyone.)

That's my line.

MD
--
--
-- "I have more guns than I need, and less guns than I want." -- Phil Graam
--
-- If you don't like my opinions, that's just too damn bad.

2400. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: rob@pe1chl.ampr.org
Message-ID: <Dx82ou.Co9@pe1chl.ampr.org>
Source record: 217498
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In <cgreenha.478.322CF8A6@magnus.acs.ohio-state.edu> cgreenha@magnus.acs.ohio-state.edu (Christopher K. Greenhalgh) writes:

>The 451a IS "9600 baud ready"...but it just doesnt do the job as well as some
>other rigs.

It only IS 9600 baud ready in YOUR opinion, and possibly Kenwood's.

>>Also, it often seems that amateurs tend to believe such a claim in a
>>commercial advertisement, and tend to disbelieve claims from their fellow
>>amateurs who happen to have tried it and found it was not true.

>I have never experienced this.

On the other hand, you are yourself a prime example of the above.

>>This is unfortunate, and not only for their own wallet but also for the
>>efficiency of packet radio as we all use it.

>Actually, the money can be considered well spent by some.

>One can spend $400 on a radio that can do voice, 1.2k packet, and 9.6k
>packet...on ANY frequency of his choice, verses a $150 rock bound rig that
>can only do one thing, on one frequency.

>It really depends on the person, and how they intend to use their equipment.

The money would be better spent on a previous-model transceiver (second hand, or special offer by the hamshop because they can't sell those "not ready for 9600" transceivers anymore) plus a dedicated data radio.

>>When a reasonably well documented article like the one in QST fails
>>to hit the brains of the newcomers, we have a problem.

>Are you slamming hams who dont get, or read QST magazine? Are you
>saying that it should be some sort of requirement to read QST?

No, I am assuming that the newcomers can't read. And you show it very well by asking the above question.

>>Plainly stating
>>"what Kenwood tells you is not true" is not going to make much impact,
>>and I doubt any amateur is interested in going through a legal case
>>against the radio manufacturers and distributors about making false
>>claims in their commercial advertisements.

>Very true. I cant afford such legal fees, however, if I ever bought equipment
>that didnt do what the manufacturer claims, and they didnt make it right, not

>only would I never buy anything from them again, I would spread the word on
>them as well.

That is what I am doing. I will not buy Kenwood equipment, and not only
for the reasons discussed in this thread.

Unfortunately for you, you did not know about that. And you did read the
advertisement by Kenwood and/or the recommendation by a hamradio shop
whose owner probably isn't even active on packet radio. Pity for you,
and all the other packet radio users on your channel (and the channels
close to it).

Rob
--
+-----------------------------------+---------------------------------------+
| Rob Janssen pe1chl@amsat.org | BBS: +31-302870036 (2300-0730 local) |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+-----------------------------------+---------------------------------------+

2401. INMARSAT COMMS

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: Steve Kramer <kramersj@ucbeh.san.uc.edu>
Message-ID: <322E3355.2586@ucbeh.san.uc.edu>
Source record: 217499

Does anyone know FOR SURE if INMARSAT carrys any nbFM voice?
Has anyone heard nbFM on INMARSAT?

I have heard INMARSAT digital stuf using and R-7000 a preamp and a 4ft fiberglass dish. But this was only temporary and it was quite cold outside!!!

2402. Old callsigns?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: George Weischadle <george@sattel.com>
Message-ID: <322E4FB2.7E4E@sattel.com>
Source record: 217500

Does anyone know of an online source where I can look up old callsigns
from the 50s and 60s? Please reply by email. Thanks much.

73,
George KD6I

George Weischadle | gweischadle@sattel.com
Sattel Technologies, Inc. | sattel@ix.netcom.com
9145 Deering Avenue, Chatsworth, CA 91311 |
Voice:(818) 718-6437 Fax: (818) 718-0882 | http://www.sattel.com
---

2403. Re: QSL bureaus

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: AC6V <AC6V@ix.netcom.com>
Message-ID: <322E3209.686A@ix.netcom.com>
Source record: 217501

kss@i2020.net wrote:
>
> Can anyone point me in the right direction to get information about the
> QSL bureau closest to me (Richmond, VA, USA) and maybe some info on how
> to interact with them? (ie. Where do I send a SASE, etc..). I'm new to
> HF and don't know much about them yet.
>
> Thanks,
> Steven S. Spiroff N2TQZ/4

Hi Steven
For the ARRL's Incoming QSL Bureau System
Go to URL:
http://www.arrl.org/qsl/qslin.html

For the ARRL's Outgoing QSL Service
Go to URL:
http://www.arrl.org/qsl/qslout.html

Good Luck
Rod in San Diego
--
Hark for I have hurled my words to the far reaches of the earth!
What King of old could do thus??
..... AC6V

2404. Linux AX25 HOWTO (part 2/2)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: Terry Dawson <terry@perf.no.itg.telecom.com.au>
Message-ID: <AX25-HOWTO.2-23459.841891416@cc.gatech.edu>
Source record: 217502
Cross-posted to: comp.os.linux.answers,rec.radio.amateur.misc,aus.radio.amateur.digital

Archive-name: linux/howto/ax25/part2
Last-modified: 23 Jun 96

-----BEGIN PGP SIGNED MESSAGE-----

*** The `Linux AX25 HOWTO' is posted automatically by the
*** Linux HOWTO coordinator, Greg Hankins <gregh@sunsite.unc.edu>. Please
*** direct any comments or questions about this HOWTO to the author,
*** Terry Dawson <terry@perf.no.itg.telecom.com.au>.

- --- BEGIN Linux AX25 HOWTO part 2/2 ---

shell
this is the login shell of any new users.

associate
this flag indicates whether outgoing AX.25 connections made by
this user after they login will use their own callsign, or your
stations callsign.

14.5. Configuring the pms

The pms program is an implementation of a simple personal message system. It was originally written by Alan Cox. Dave Brown, N2RJT, <dcb@vectorbd.com> has taken on further development of it. At present it is still very simple, supporting only the ability to send mail to the owner of the system and to obtain some limited system information but Dave is working to expand its capability to make it more useful.

Configuring the pms program is still a little clumsy at the moment because it is new but bare with it while Dave works on it. The only difficult part is modifying the source code to support your local mail delivery agent and whether you use the ttylinkd program or the talk-ax25 program.

After that is done there are a couple of simple files that you should create that give users some information about the system and then you need to add appropriate entries into the ax25d.conf file so that connected users are presented with the PMS.

14.5.1. Customising pms.c

If you take a look at the pms.c file in the ax25-utils package you will see that there a few items that you can configure. Perhaps the most important to configure is the one that allows you to specify what local mail delivery agent you use. In most installations the deliver program may well work, but in the minimal installation on my gateway

machine I needed to modify the line that previously said:

#define MAIL_DELIVERY_AGENT "deliver %s"

to:

#define MAIL_DELIVERY_AGENT "/bin/mail.local %s"

There is no easy way of knowing what local delivery agent your machine is configured to use, so perhaps you could simply look for either of these files in the obvious places and choose whichever seems to be there.

I also have the ttylinkd program installed, so I needed to modify the section relating to it. I keep my copy of the ttylinkd program in my /usr/sbin directory, so I modified the line that previously said:

/* #define MY_TALK "/usr/local/sbin/ttylinkd" */

to:

#define MY_TALK "/usr/sbin/ttylinkd"

If you use the talk-ax25 program then you would remove the /* and */ from around that line instead.

There is one last definition that might be useful to you, and that is if you have a default email gateway. This line is the line containing the string MY_GATEWAY. If you have an email gateway that you use, then you should remove the comments from this line and change the address to that of your gateway.

14.5.2. Create the /usr/local/pms/motd file.

The /usr/local/pms/motd file contains the `message of the day' that users will be presented with after they connect and receive the usual BBS id header. The file is a simple text file, any text you include in this file will be sent to users.

14.5.3. Create the /usr/local/pms/info file.

The /usr/local/pms/info file is also a simple text file in which you would put more detailed information about your station or configuration. This file is presented to users in response to their issuing of the Info command from the PMS> prompt.

14.5.4. Associate AX.25 callsigns with system users.

When a connected user sends mail to an AX.25 callsign, the pms expects that callsign to be mapped, or associated with a real system user on your machine.

You make this association with the axparms command. An example looks like:

axparms -assoc vk2ktj terry

This command associates that AX.25 callsign vk2ktj with the user terry on the machine, so any mail for vk2ktj on the pms will be sent to terry.

Remember to put these associations into your rc file so that they are available each time your reboot.

14.5.5. Add the PMS to the /usr/local/etc/ax25d.conf file.

Adding the pms to your ax25d.conf file is very simple. There is one small thing you need to think about though. Dave has added command line arguments to the PMS to allow it to handle a number of different text end-of-line conventions. AX.25 and NetRom by convention expect the end-of-line to be carriage return, linefeed while the standard unix end-of-line is just newline. So, for example, if you wanted to add an entry that meant that the default action for a connection received on an AX.25 port is to start the PMS then you would add a line that looked something like:

default 1 10 5 100 5 0 root /usr/local/bin/pms pms -a -o vk2ktj

This simply runs the pms program, telling it that it is an AX.25 connection it is connected to and that the PMS owner is vk2ktj. Check the man page for what you should specify for other connection methods.
14.5.6. Test the PMS.

To test the PMS, you can try the following command from the command line:

/usr/local/bin/pms -u vk2ktj -o vk2ktj

Substitute your own callsign for mine and this will run the pms, telling it that it is to use the unix end-of-line convention, and that user logging in is vk2ktj. You can do all the things connected users can.

Additionally you might try getting some other node to connect to you to confirm that your ax25d.conf configuration works.

15. HOWTO link NOS and the Linux kernel networking software

Many people like to run some version of NOS under Linux because it has all of the features and facilities they are used to. Most of those people would also like to have the NOS running on their machine capable of talking to the Linux kernel so that they can offer some of the linux capabilities to radio users.

15.1. Linking NOS and Linux using a pipe device

Brandon S. Allbery, KF8NH, contributed the following information to explain how to interconnect the NOS running on a Linux machine with the kernel code using the Linux pipe device.

Since both Linux and NOS support the slip protocol it is possible to link the two together by creating a slip link. You could do this by using two serial ports with a loopback cable between them, but this

would be slow and costly. Linux provides a feature that many other Unix-like operating systems provide called `pipes'. These are special pseudo devices that look like a standard tty device to software but in fact loopback to another pipe device. To use these pipes the first program must open the master end of the pipe, and the open then the second program can open the slave end of the pipe. When both ends are open the programs can communicate with each other simply by writing characters to the pipes in the way they would if they were terminal devices.

To use this feature to connect the Linux Kernel and a copy of NOS, or some other program you first must choose a pipe device to use. You can find one by looking in your /dev directory. The master end of the pipes are named: ptyp[1-f] and the slave end of the pipes are known as: ttyp[1-f]. Remember they come in pairs, so if you select /dev/ptypf as your master end then you must use /dev/ttypf as the slave end.

Once you have chosen a pipe device pair to use you should allocate the master end to you linux kernel and the slave end to the NOS program, as the Linux kernel starts first and the master end of the pipe must be opened first. You must also remember that your Linux kernel must have a different IP address to your NOS, so you will need to allocate a unique address for it if you haven't already.

You configure the pipe just as if it were a serial device, so to create the slip link from your linux kernel you can use commands similar to the following:

```
# /sbin/slattach -s 38400 -p slip /dev/ptypf &
# /sbin/ifconfig sl0 broadcast 44.255.255.255 pointopoint 44.70.248.67 /
mtu 1536 44.70.4.88
# /sbin/route add 44.70.248.67 sl0
# /sbin/route add -net 44.0.0.0 gw 44.70.248.67
```

In this example the Linux kernel has been given IP address 44.70.4.88 and the NOS program is using IP address 44.70.248.67. The route command in the last line simply tells your linux kernel to route all datagrams for the amprnet via the slip link created by the slattach command. Normally you would put these commands into your /etc/rc.d/rc.inet2 file after all your other network configuration is complete so that the slip link is created automatically when you reboot. Note: there is no advantage in using cslip instead of slip as it actually reduces performance because the link is only a virtual one and occurs fast enough that having to compress the headers first takes longer than transmitting the uncompressed datagram.

To configure the NOS end of the link you could try the following:

```
# you can call the interface anything you want; I use "linux" for convenience.
attach asy ttypf - slip linux 1024 1024 38400
route addprivate 44.70.4.88 linux
```

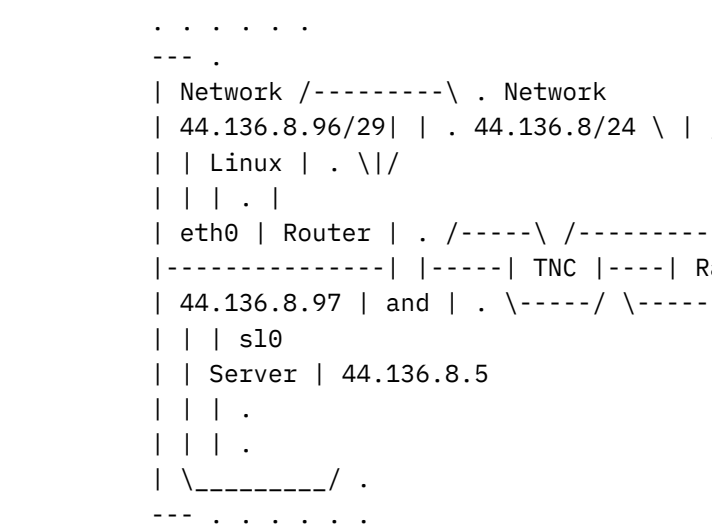
These commands will create a slip port named `linux' via the slave end of the pipe device pair to your linux kernel, and a route to it to make it work. When you have started NOS you should be able to ping and telnet to your NOS from your Linux machine and vice versa. If not, double check that you have made no mistakes especially that you have the addresses configured properly and have the pipe devices around the right way.

16. Some sample configurations.

Following are examples of the most common types of configurations. These are guides only as there are as many ways of configuring your network as there are networks to configure, but they may give you a start.

16.1. Small Ethernet LAN with Linux as a router to Radio LAN

Many of you may have small local area networks at home and want to connect the machines on that network to your local radio LAN. This is the type of configuration I use at home. I arranged to have a suitable block of addresses allocated to me that I could capture in a single route for convenience and I use these on my Ethernet LAN. Your local IP coordinator will assist you in doing this if you want to try it as well. The addresses for the Ethernet LAN form a subset of the radio LAN addresses. The following configuration is the actual one for my linux router on my network at home:




```
#!/bin/sh
# /etc/rc.net
# This configuration provides one KISS based AX.25 port and one
# Ethernet device.

echo "/etc/rc.net"
echo " Configuring:"

echo -n " loopback:"
/sbin/ifconfig lo 127.0.0.1
/sbin/route add 127.0.0.1
```

```
echo " done."

echo -n " ethernet:"
/sbin/ifconfig eth0 44.136.8.97 netmask 255.255.255.248 \
broadcast 44.136.8.103 up
/sbin/route add 44.136.8.97 eth0
/sbin/route add -net 44.136.8.96 netmask 255.255.255.248 eth0
echo " done."

echo -n " AX.25: "
axattach -i 44.136.8.5 -m 512 /dev/ttyS1 4800
ifconfig sl0 netmask 255.255.255.0 broadcast 44.136.8.255
route add -host 44.136.8.5 sl0
route add -net 44.136.8.0 window 1024 sl0

echo -n " Netrom: "
nrattach -i 44.136.8.5 netrom

echo " Routing:"
/sbin/route add default gw 44.136.8.68 window 1024 sl0
echo " default route."
echo done.

# end

/usr/local/etc/axports

# name callsign speed paclen window description
4800 VK2KTJ-0 4800 256 2 144.800 MHz

/usr/local/etc/nrports

# name callsign alias paclen description
netrom VK2KTJ-1 LINUX 235 Linux Switch Port

/usr/local/etc/nrbroadcast

# ax25_name min_obs def_qual worst_qual verbose
4800 1 120 10 1
```

• You must have IP_FORWARDING enabled in your kernel.

• The AX.25 configuration files are pretty much those used as examples in the earlier sections, refer to those where necessary.

• I've chosen to use an IP address for my radio port that is not within my home network block. I needn't have done so, I could have easily used 44.136.8.97 for that port too.

• 44.136.8.68 is my local IPIP encapsulated gateway and hence is where I point my default route.

• Each of the machines on my Ethernet network have a route:

```
route add -net 44.0.0.0 gw 44.136.8.97 window 512 mss 512 eth0
```

The use of the mss and window parameters means that I can get optimum performance from both local Ethernet and radio based connections.

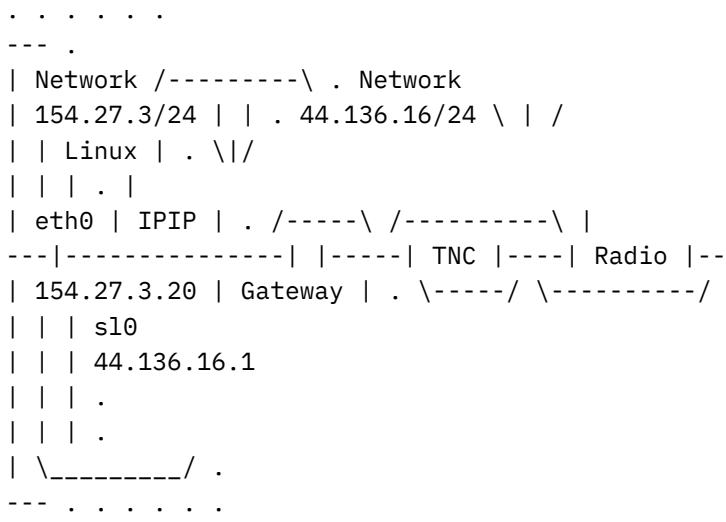
• I also run my sendmail, http, ftp and other daemons on the router machine so that it needs to be the only machine to provide others with facilities.

• The router machine is a lowly 386DX20 with a 20Mb harddrive and a very minimal linux configuration.

16.2. IPIP encapsulated gateway configuration.

Linux is now very commonly used for tcp/ip encapsulated gateways around the world. The new tunnel driver supports multiple encapsulated routes and makes the older ipip daemon obsolete.

A typical configuration would look similar to the following.



The configuration files of interest are:

```
# /etc/rc.net
# This file is a simple configuration that provides one KISS AX.25
# radio port, one Ethernet device, and utilises the kernel tunnel driver
# to perform the IPIP encapsulation/decapsulation
#
echo "/etc/rc.net"
echo " Configuring:"
#
echo -n " loopback:"
/sbin/ifconfig lo 127.0.0.1
/sbin/route add 127.0.0.1
echo " done."
#
echo -n " ethernet:"
/sbin/ifconfig eth0 154.27.3.20 netmask 255.255.255.0 \
broadcast 154.27.3.255 up
/sbin/route add 154.27.3.20 eth0
/sbin/route add -net 154.27.3.0 netmask 255.255.255.0 eth0
```

```
echo " done."
#
echo -n " AX.25: "
axattach -i 44.136.16.1 -m 512 /dev/ttyS1 4800
/sbin/ifconfig sl0 netmask 255.255.255.0 broadcast 44.136.16.255
/sbin/route add -host 44.136.16.1 sl0
/sbin/route add -net 44.136.16.0 netmask 255.255.255.0 window 1024 sl0
#
echo -n " tunnel:"
/sbin/ifconfig tunl0 44.136.16.1 mtu 512 up
#
echo done.
#
echo -n "Routing ... "
source /etc/ipip.routes
echo done.
#
# end.
```

and:

```
# /etc/ipip.routes
# This file is generated using the munge script
#
/sbin/route add 44.134.8.0 netmask 255.255.255.0 tunl0 gw 134.43.26.1
/sbin/route add 44.34.9.0 netmask 255.255.255.0 tunl0 gw 174.84.6.17
/sbin/route add 44.13.28.0 netmask 255.255.255.0 tunl0 gw 212.37.126.3
...
...
...
```

```
/usr/local/etc/axports

# name callsign speed paclen window description
4800 VK2KTJ-0 4800 256 2 144.800 MHz
```

Some points to note here are:

- The new tunnel driver uses the gw field in the routing table in place of the pointopoint parameter to specify the address of the remote IPIP gateway. This is why it now supports multiple routes per interface.

- You can configure two network devices with the same address. In this example both the sl0 and the tunl0 devices have been configured with the IP address of the radio port. This is done so that the remote gateway sees the correct address from your gateway in encapsulated datagrams sent to it.

- The route commands used to specify the encapsulated routes can be automatically generated by a modified version of the munge script. This is included below. The route commands would then be written to

a separate file and read in using the bash source /etc/ipip.routes
command (assuming you called the file with the routing commands
/etc/ipip.routes) as illustrated. The source file must be in the
NOS route command format.

• Note the use of the window argument on the route command. Setting
this parameter to an appropriate value improves the performance of
your radio link.

The new tunnel-munge script:

```
#!/bin/sh
#
# From: Ron Atkinson <n8fow@hamgate.cc.wayne.edu>
#
# This script is basically the 'munge' script written by Bdale N3EUA
# for the IPIP daemon and is modified by Ron Atkinson N8FOW. It's
# purpose is to convert a KA9Q NOS format gateways route file
# (usually called 'encap.txt') into a Linux routing table format
# for the IP tunnel driver.
#
# Usage: Gateway file on stdin, Linux route format file on stdout.
# eg. tunnel-munge < encap.txt > ampr-routes
#
# NOTE: Before you use this script be sure to check or change the
# following items:
#
# 1) Change the 'Local routes' and 'Misc user routes' sections
# to routes that apply to your own area (remove mine please!)
# 2) On the fgrep line be sure to change the IP address to YOUR
# gateway Internet address. Failure to do so will cause serious
# routing loops.
# 3) The default interface name is 'tunl0'. Make sure this is
# correct for your system.

echo "#"
echo "# IP tunnel route table built by $LOGNAME on `date`"
echo "# by tunnel-munge script v960307."
echo "#"
echo "# Local routes"
echo "route add -net 44.xxx.xxx.xxx netmask 255.mmm.mmm.mmm dev sl0"
echo "#"
echo "# Misc user routes"
echo "#"
echo "# remote routes"

fgrep encap | grep "^route" | grep -v " XXX.XXX.XXX.XXX" | \
awk '{
split($3, s, "/")
split(s[1], n,".")
if (n[1] == "") n[1]="0"
if (n[2] == "") n[2]="0"
```

```
if (n[3] == "") n[3]="0"
if (n[4] == "") n[4]="0"
if (s[2] == "1") mask="128.0.0.0"
else if (s[2] == "2") mask="192.0.0.0"
else if (s[2] == "3") mask="224.0.0.0"
else if (s[2] == "4") mask="240.0.0.0"
else if (s[2] == "5") mask="248.0.0.0"
else if (s[2] == "6") mask="252.0.0.0"
else if (s[2] == "7") mask="254.0.0.0"
else if (s[2] == "8") mask="255.0.0.0"
else if (s[2] == "9") mask="255.128.0.0"
else if (s[2] == "10") mask="255.192.0.0"
else if (s[2] == "11") mask="255.224.0.0"
else if (s[2] == "12") mask="255.240.0.0"
else if (s[2] == "13") mask="255.248.0.0"
else if (s[2] == "14") mask="255.252.0.0"
else if (s[2] == "15") mask="255.254.0.0"
else if (s[2] == "16") mask="255.255.0.0"
else if (s[2] == "17") mask="255.255.128.0"
else if (s[2] == "18") mask="255.255.192.0"
else if (s[2] == "19") mask="255.255.224.0"
else if (s[2] == "20") mask="255.255.240.0"
else if (s[2] == "21") mask="255.255.248.0"
else if (s[2] == "22") mask="255.255.252.0"
else if (s[2] == "23") mask="255.255.254.0"
else if (s[2] == "24") mask="255.255.255.0"
else if (s[2] == "25") mask="255.255.255.128"
else if (s[2] == "26") mask="255.255.255.192"
else if (s[2] == "27") mask="255.255.255.224"
else if (s[2] == "28") mask="255.255.255.240"
else if (s[2] == "29") mask="255.255.255.248"
else if (s[2] == "30") mask="255.255.255.252"
else if (s[2] == "31") mask="255.255.255.254"
else mask="255.255.255.255"

if (mask == "255.255.255.255")
printf "route add -host %s.%s.%s.%s gw %s dev tunl0\n"\
,n[1],n[2],n[3],n[4],$5
else
printf "route add -net %s.%s.%s.%s gw %s netmask %s dev tunl0\n"\
,n[1],n[2],n[3],n[4],$5,mask
}'

echo "#"
echo "# default the rest of amprnet via mirrorshades.ucsd.edu"
echo "route add -net 44.0.0.0 gw 128.54.16.18 netmask 255.0.0.0 dev tunl0"
echo "#"
echo "# the end"
```

17. Discussion relating to Amateur Radio and Linux.

There are various places that discussion relating to Amateur Radio and Linux take place. They take place in the comp.os.linux.* newsgroups, they also take place on the HAMS list on vger.rutgers.edu. Other places where they are held include the tcp-group mailing list at ucsd.edu (the home of amateur radio tcp/ip discussions), and you might also try the #linpeople channel on the linuxnet irc network.

To join the Linux linux-hams channel on the mail list server, send mail to:

Majordomo@vger.rutgers.edu

with the line:

subscribe linux-hams

in the message body. The subject line is ignored.

To join the tcp-group send mail to:

listserver@ucsd.edu

with the line:
subscribe tcp-group

in the body of the text.

Note: Please remember that the tcp-group is primarily for discussion of the use of advanced protocols, of which tcp/ip is one, in Amateur Radio. Linux specific questions should not ordinarily go there.

18. Copyright.

The AX25-HOWTO, information on how to install and configure some of the more important packages providing AX25 support for Linux.
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- --- END Linux AX25 HOWTO part 2/2 ---

-----BEGIN PGP SIGNATURE-----
Version: 2.6.2

```
Comment: finger gregh@cc.gatech.edu for public key

iQCVAwUBMi4+SntNTo2suu5NAQGwdwP6A9P53kThKMYKAX3bEec9xt4//OrCfWKB
1ugJkAgZ2/ALFrcfiMoFDFy0qDh4xiSsSnQ2PS/bud/oxhP2KmhecW9fz/p+Z6Na
hxM2mv1KZpW7jhNsXsFa3q54dG9w0RKSPpQ+NoemzbwIk3hdDdKcpyZHnpMDMAte
sU0nv5Ybi3o=
=Fnpk
-----END PGP SIGNATURE-----
```

2405. Re: Changes to rec.radio.* heirarchy?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <50kjg9$cn8@news.Hawaii.Edu>
Source record: 217503

In <50itl1$mgc@news.ais.net> carl@ais.net writes:

>Another sub-group for the sub-citizens? If you don't want to follow
>"code/no-code" or "the ARRL sucks", please just kill-file them, rather
>than trying to force the people whose views you may disagree with into
>yet another form of "second-class citizenship" by censoring them off
>to
>some obscure sub-group that may or may not get distributed.

Our .policy group certainly is not obscure, and if its not carried
one's site a simple request to the news person should result in
its subscription. If not, go with another provider who carries it.

I'm trying to determine just what is the matter with you, Karl. We got
a very efficient rec.radio.amateur hierarchy set up but you refuse to
comply with the charter. Anarchy ruins a society and a newsgroup.

>There are too damned many newsgroups to keep up with as it is,

...so consolidating all topics in a single group is your answer?

The other groups are our speciality groups (dx, antenna, homebrew,
policy, etc); if you've got a specialized topic to discuss, wouldn't
you want to post it to those who are interested and knowledgable
of such a topic?

I imagine your no code views got shot down on .policy so you're voicing
them to a different audience now.

>If you don't want to read the threads, don't read them ... but don't
>try banish them

Sort them to the proper group, Karl, not banish them. .Misc is not a
dumping ground - its for topics that don't fit into any of the groups.

KH2PZ

2406. Re: Questions

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: "Jim.Kehler%1": 2619/211.9;
Message-ID: <f82_9609062046@woodybbs.com>
Source record: 217504

To: Jim Kehler%1:2619/211.9%12:320/100.666
From: pacrimgolf@kuentos.guam.net (Jim Kehler)
Subject: Re: Questions
Organization: PacRim Golf Accessories

Martin Smith <martin@anglianet.co.uk> wrote:

>Market Research for Pirate Radio survey.

>Sex.

Yes, of course. At least three of four times a week.

>Age.

Well, I prefer younger women, in the #3 catagory.

>1. 15 and Under
>2. Between 16 and 19 years
>3. Between 20 and 30 years
>4. 30 and over.

>What ethnic group?

Asian women. I find them so much easier to get along with than American
women.

>What Radio stations do you listen to?

Well, let's see. The last stations I listened to were KH6AFS, DL4JAN, SP0CUW,
N6FU, and K7JYE.

>Do you listen to Pirate radio?

Unfortunatly, yes. But we don't call them pirates. We call them bootleggers, or
slims. We have to listen to Chinese, Indonesian, and Philippino slims every
day. Some countries just don't enforce the rules.

>Music choice. What are your choices in music that determine your radio choice?

None. We aren't allowed to play music on the radio. Against the rules.

>Why do you listen to those radio stations.
>Is it the Dj's; the general patter. Or what.

Because they called me. First, I call CQ, then they call me. Sometimes they
call
CQ, and I call them. But it doesn't do much good to talk on the radio if you
aren't going to listen.

>Date of where you collected the information.

Yesterday.

>Are you a student at all

No. I have my extra class license, so I don't have to study anymore.

Hafa Adai,
Jim KH2D

Origin: Usenet:PacRim Golf Accessories (1:2619/211.9)

Origin: Gateway ARNet <-> HamNet by HB9EBW (12:320/100.666)
--
|Fidonet: Jim Kehler%1:2619/211.9 2:301/249.666
|Internet: Jim.Kehler%1:2619/211.9
|
| Standard disclaimer: The views of this user are strictly his own.

2407. FT5200 9600??

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: "PY2RN.%1": 2619/211.9%12;
Message-ID: <f8a_9609062046@woodybbs.com>
Source record: 217505

From: PY2RN <75223.2027@CompuServe.COM>
Subject: FT5200 9600??
Organization: SP-GW.AMPR.ORG

Hi,

If you know how to make the Yaesu Ft-5200 operational on packet
at 9600bps (Where do I connect the tx/rx wires) could you please
send it to me?

Thank you.

Ed, PY2RN

Origin: Usenet:SP-GW.AMPR.ORG (1:2619/211.9)

Origin: Gateway ARNet <-> HamNet by HB9EBW (12:320/100.666)
--
|Fidonet: PY2RN %1:2619/211.9%12:320/100.666 2:301/249.666
|Internet: PY2RN.%1:2619/211.9%12:320/100.666
|
| Standard disclaimer: The views of this user are strictly his own.

2408. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: "Gary.Coffman%1": 2619/211.9;
Message-ID: <f8c_9609062046@woodybbs.com>
Source record: 217506

To: Gary Coffman%1:2619/211.9%12:320/100.666
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!
Organization: Destructive Testing Systems

In article <50brad$pat@lehi.kuentos.guam.net> pacrimgolf@kuentos.guam.net
writes:
>gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>
>>It would be interesting to see figures which added up to 100% for
>>various mode usages to see where Morse operation really stands with
>>respect to other modes. For example, in my case Morse usage makes up
>>less than 1% of my amateur activity, and 100% of that is automatically
>>generated by the repeater controller.
>
>Oh, what the hell, Gary. Let's just say, for the sake of accurate data
>collection, your Morse code useage is 0%. That is, unless you want
>to count all the time that other people talk on your repeater as *your*
>amateur activity on FM.
>
>So what's that got to do with anything ? Excuse me if I sound crabby,
>I just woke up - with a keyboard in my face....

No problem, Jim. The point is that the 54% number is distorted by
people like me who rarely use Morse, but who had to answer yes to
the survey question about Morse (yes, I was one of the ones surveyed).
In other words, using that 54% survey number to show that 54% of HF
activity is in CW is totally bogus. That should also be obvious
because the total for all modes is larger than 100%.

If the survey reflected *usage* statistics, the total for all modes
would be exactly 100%. It isn't even close. The only real conclusion
we can draw from this data is that only 54% of amateurs *ever* use
Morse on the air for *anything*, even repeater IDs. And of course that
means 46% of amateurs *never* use Morse, except *once* to pass a test.
That's all we can say from this data. We can't draw any meaningful
usage statistics from it. We can get a bit of usage data from the
fact that the total for all modes *except* Morse also totals over 100%.
That would indicate that there are relatively few stations which use
Morse exclusively, and obviously, while they aren't using Morse, they
aren't contributing to Morse occupancy of amateur frequencies.

One could be tempted to argue that a test element on something nearly
half of tested amateurs never use shouldn't carry much weight on the
exam. But this isn't a valid argument. Test elements aren't supposed

to be about popularity. They are supposed to satisfy some legitimate government concern. That concern used to be so that life safety services with only Morse capability could warn off amateurs who were causing them interference. With the cessation of Morse usage by the life safety services, that concern has become moot. That leaves as the only rationale for continued Morse testing its use as a "rite of passage". But that isn't a legitimate government concern. Government's purposes do not include running fraternity initiations.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

Origin: Usenet:Destructive Testing Systems (1:2619/211.9)

Origin: Gateway ARNet <-> HamNet by HB9EBW (12:320/100.666)
--
|Fidonet: Gary Coffman%1:2619/211.9 2:301/249.666
|Internet: Gary.Coffman%1:2619/211.9
|
| Standard disclaimer: The views of this user are strictly his own.

2409. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: "Gary.Coffman%1": 2619/211.9;
Message-ID: <f8d_9609062046@woodybbs.com>
Source record: 217507

To: Gary Coffman%1:2619/211.9%12:320/100.666
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!
Organization: Destructive Testing Systems

In article <50d88q$11o@anomaly.ideamation.com> kd1hz@anomaly.ideamation.com
(Michael P. Deignan) writes:
>In <1996Sep1.081558.19222@ke4zv.atl.ga.us>,
> gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>
>>It is interesting to note that the 48% internet able figure quoted above
>>is significantly below the 70% figure recently reported for the general
>>amateur population.
>
>Only if the same definition of "internet-able" was used in both instances,
>and if the timeframe under which the survey was conducted was the same.
>
>In the first case, we don't know the definition of "internet-able" for
>both studies -- for instance, is "packet" considered "internet-able",
>since one can receive e-mail through a Inet<>Packet gateway?
>
>In the second case, the tremendous growth of the Internet means that
>more and more people are "getting connected" on a daily basis. This
>large growth could significantly skew the results of one survey over
>the other, depending on the timeframe under which each was conducted.

The two surveys are dated 6 months apart, with the ARRL member survey
being the later one. I thought the contrast was interesting, but it
doesn't necessarily say much about the technical competence of the two
groups. After all, AOL has removed the necessity for many of us to buy
diskettes thanks to their incessant mailings, so getting connected to
the net isn't an indication of great technical accomplishment. It is a
significant deviation between the general amateur population and that
subset who are ARRL members, however.

I *suspect* it indicates that the ARRL membership has a larger percentage
who don't own computers than the general amateur population. This may be
because the ARRL membership is older than the general amateur population.
While age alone isn't an indicator of technological obsolesence of skills,
and I'm sure we all know examples of elderly people who are on top of the
latest technics, it is true in general that the elderly are more set in
their ways and less quick to adopt new ideas and new techniques than
younger people, IE they've lost the sense of wonder and adventure that
most younger people have. (Some young people seem born without it, and
are "old" while still children, and some old people never lose it, but

there is a difference in general between the groups according to age.)

I've even seen that here with some of the older (or at least older in spirit) members of our groups bemoaning the passing of the slide rule for the electronic calculator, or the taking of square roots with only pencil and paper. Younger people have grown up with the calculator, and increasingly with the computer. It is a simple basic tool to them. To some older people, it is a mystery which they don't quite understand or trust.

To amateurs of whatever age who have retained a zest for learning, and an adventuresome spirit, new technics are their lifeblood. They can no more resist trying the latest thing than they can resist breathing. Those who have lost, or never had, that zest and spirit, probably can't understand this.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

Origin: Usenet:Destructive Testing Systems (1:2619/211.9)

Origin: Gateway ARNet <-> HamNet by HB9EBW (12:320/100.666)
--
|Fidonet: Gary Coffman%1:2619/211.9 2:301/249.666
|Internet: Gary.Coffman%1:2619/211.9
|
| Standard disclaimer: The views of this user are strictly his own.

2410. NEEDED: Galaxy 550 Manuals

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: "Stephen.H.Ponder.%1": 2619/211.9;
Message-ID: <f8e_9609062046@woodybbs.com>
Source record: 217508

To: Stephen H Ponder %1:2619/211.9%12:320/100.666
From: Stephen H Ponder <sponder@milleniuminc.com>
Subject: NEEDED: Galaxy 550 Manuals
Organization: Barrios Training Centre

I recently acquired a Galaxy GT-550 HF transceiver (accompanied by
the RV-550 Remote VFO). Does anybody out there have a manual for
this rig? Maybe we could work out a deal with the cost of photo-
copying and postage.

Thanks for your assistance!

Steve Ponder, N5WBI
--
****
############ Stephen H. Ponder Voice: +1 713 993 9387
############ Barrios Training Center Fax: +1 713 993 9967
Barrios Technology, Inc. Email: sponder@milleniuminc.com
12 Greenway Plaza, # 950
Houston, TX 77046-1201
USA
****
SunOS/Solaris/UNIX System Administration Instruction and Consulting
****

Origin: Usenet:Barrios Training Centre (1:2619/211.9)

Origin: Gateway ARNet <-> HamNet by HB9EBW (12:320/100.666)
--
|Fidonet: Stephen H Ponder %1:2619/211.9 2:301/249.666
|Internet: Stephen.H.Ponder.%1:2619/211.9
|
| Standard disclaimer: The views of this user are strictly his own.

2411. Re: HAM/INTERNET Server

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-04 00:00:00 UTC
From: "Kevin.Lo%1": 2619/211.9;
Message-ID: <f91_9609062046@woodybbs.com>
Source record: 217509

To: Kevin Lo%1:2619/211.9%12:320/100.666
From: klo@nexusprime.org (Kevin Lo)
Subject: Re: HAM/INTERNET Server

In article <50inqr$945@cu.comp-unltd.com>, @cu.comp-unltd.com says...
> I am not a ham radio operator, but I am interested in the possibility
> of using a HAM radio in conjunction with a computer to gain remote
> internet access. I have talked with a HAM operator and he told me
> that it is possible to communicate with a computer and a radio using a
> "node" and a software program called "packet". From the other things
> we talked about it seemed like it should be possible to set up a node
> on an internet server computer and link it to a node on a remote PC.
>
> Is this possible?

Sure is!

> Is anyone curently doing it?

A lot of people- there are many Internet <--> Packet gateways. Try going to
http://www.ampr.org/ to find out more.

> If so, how fast is it (baud rate) and how much does the service cost?

If you are connected through a packet modem, the speed is determined by how
fast your packet modem is. If it's 300 baud, then everything will crawl along,
even if the gateway is connected to a T1.

> How far can it be reliably used on a daily basis (how many miles)?

Using an antenna, you can get as far as the antenna is good for. I doubt
you'd be able to access a packet --> internet gateway in southern california
from southern florida, especially on 2 meters. :) However, if you are going
backwards (internet --> packet), it all depends on which stations the packet
station are connected to is hooked up with.

Good Luck,
Kevin Lo

--
^
_' `_ * Kevin Lo -- http://www.nexusprime.org/personal/klo/
.-~' `~-. - klo@bigfoot.com - HTML / Perl / C / Java
(' __. `) - Callsign: KF4JXF - AKA Radnor & FDC Merlin
`-'' ``-'

Origin: WoodyWare Software, Inc. <-> Internet Gateway (1:2619/211.9)

```
# Origin: Gateway ARNet <-> HamNet by HB9EBW (12:320/100.666)
--
|Fidonet: Kevin Lo%1:2619/211.9 2:301/249.666
|Internet: Kevin.Lo%1:2619/211.9
|
| Standard disclaimer: The views of this user are strictly his own.
```

2412. Re: QSL bureaus

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <50lfid$89@jupiter.planet.net>
Source record: 217510

> kss@i2020.net wrote:
> >
> > Can anyone point me in the right direction to get information about the
> > QSL bureau closest to me (Richmond, VA, USA) and maybe some info on how
> > to interact with them? (ie. Where do I send a SASE, etc..). I'm new to
> > HF and don't know much about them yet.
> >
> > Thanks,
> > Steven S. Spiroff N2TQZ/4
>
>
> Hi Steven

based on your call sign, the W2 buro is where your incoming cards will be forwarded.
The sorting and mailing is handled by the North Jersey DX Asociation

Cost is 50 cents per envelope credit and it is suggested that a minimum of 10 credits
be paid for. If you expect lots of buro cards maybe more

send me a fax # and i can get you an application or you can send
to:

NJDXA
POB 599
MORRIS PLAINS, NJ 07950

73,

Steve
NJDXA

2413. Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: zommbee@nwlink.com
Message-ID: <50le25$6oa@texas.nwlink.com>
Source record: 217511

Hi everyone.

This is a legitimate question. I am NOT (repeat NOT) trying to create a flame war or spam war.

I enjoy CW emensely, and have for years. Although I only copy about 10 or 12 WPM most of the time, it's still my major mode. I love the sound, the way you can tell something about the other guy by his 'fist', even if it is a keyer (we all adjust them differently, after all). I don't care one bit if it is archaeic, or if the throughput is slow. It doesn't matter to me that come 1999, the world will abandon it as a commercial communication mode (officially, anyway). I KNOW I could get MUCH faster data throughput using packet or something else. But I don't care - I ENJOY it. It takes up almost no bandwidth, and is harmless to anyone who doesn't understand it.

This is NOT to get feedback on whether it should be required for upgrades or anything at all. I am ONLY asking how many people ENJOY CW? Now here's the clinker - How many enjoy CW who have only had their tickets for a couple of years or less? I get the impression from reading these newsgroups that only us 'old timers' (I've been licensed for 22 years and I'm 35 years old) actually LIKE CW, that ALL newcomers HATE it, and resent being told they have to learn it. Is this true? Or do newcomers LIKE code? and USE it?

AGAIN, I am NOT ASKING if you think CW should be required. Don't reply if that's what you want to discuss. I ONLY want to know if you ENJOY CW, and are a relative newcomer to ham radio. (OT's ok too, of course).

There have too many mean-spirited threads about the requirement issue, and I don't want this to be another.

Let this be a friendly thread, whether you love CW or hate it. I honestly want to know, and would love to read postings (or emails, for that matter) from both sides, but mostly from relative newcomers.

Am I alone in my opinion?

Thanks to all who reply.

Dave WB7AWK
zommbee@nwlink.com

2414. Findlay Ohio Hamfest Sunday Sept. 8, 1996

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: Bill Kelsey - N8ET <kanga@bright.net>
Message-ID: <322E986E.6CFC@bright.net>
Source record: 217512

The 54th (more or less) Findlay (Ohio) Hamfest will be held at the
Hancock County Fairgrounds this Sunday. Gates open at 8 AM for the
general public. Tickets cost $5 each at the gate. Talk-in is on 147.15+

Hope to see some of you there

73 - Bill - N8ET
kanga@bright.net

2415. Re: Looking for a mailorder outfit to purchase a handheld scanner

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: richardm@shellaccess.com
Message-ID: <Dx8qqI.5r@iglou.com>
Source record: 217513
Cross-posted to: alt.radio.scanner,rec.radio.scanner,alt.radio.pirate,rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.policy

greg@tgill.com wrote:

>Douglas Alexander wrote:
>>
>> Looking for a good mailorder firm to purchase a handheld scanner from:
>>

>http://www.demon.co.uk/javiation/

You might want to check out Copper Electronics

They are on the Web

http://www.copper.com

1-800-968-8500 and I think you can get a free catalog.

Richard

2416. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: 73700.12@compuserve.com
Message-ID: <50lllm$fph@arl-news-svc-2.compuserve.com>
Source record: 217514

In message <50g55f$go2@lehi.kuentos.guam.net> - pacrimgolf@kuentos.guam.net (Jim Kehler)Tue, 03 Sep 1996 01:24:13 GMT writes:
:>
:>Anyone who is using it is probably using it to forward BBS BABBLE on
:>HF. Packet traffic on HF isn't people - it's computers forwarding BBS
:>BABBLE. I don't know about in your part of the world, but in my part
:>you can't find another real person on PACKET on HF, more less Clover.

Slightly off topic, but I can't resist.....

My packet station is on 24/7 just waiting for real, live people. Pity it doesn't happen very often anymore. I much prefer live "chat" to BBS crap.

BTW, can somebody tell me why some idiot has to park his HF BBS on every damned frequency until users can't swing a dead cat without having their conversations interrupted by BBS mail beacons?

Actually, they're only partly to blame. If people would stop logging into HF BBS stations, then may these selfish bastards would get the hint. 28.105 LSB used to be a users' frequency until a couple of jackasses decided to make their "wonderful" BBS available. WE DON'T NEED A BBS ON EVERY DAMNED FREQUENCY! I've heard no less than 3 HF BBS stations eminating from Florida on 28.105 LSB at various times over the last 2 years. I make sure those calls go right into the SUPC list.

:>You have to realize that now that we all use this wonderful medium called
:>Internet, Packet and Clover are probably on the way out, not on the way in.
:>Packet was at one time an almost viable means of spreading information
:>amoungst the ham community, but it's OBSOLETE now that the internet
:>is here. It was fun to screw around with, but it's not worth the trouble :>anymore - too slow, too unreliable.

Couldn't agree more. I used to live for packet chat nodes, but since the advent of flat-rate ISPs, it's not even a concern anymore. Much easier and more reliable to use IRC on the 'Net, than to try to get to a chat node 100 miles and 4-7 nodes away. Response time is a hell of a lot better, too. Doesn't take 5 minutes (or LONGER) to get an answer to something you typed.

Jim Nuytens Email:
V.P., Delaware Repeater Association 73700.12@compuserve.com
http://www.eecis.udel.edu/~dra

"I do have a cause. It is obsenity.....I'm for it!"

Tom Lehrer

2417. Re: keyer with single chip micro?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: w9sz@prairienet.org
Message-ID: <50lpde$k09@vixen.cso.uiuc.edu>
Source record: 217515

In a previous article, docjim@getnet.com (Jim Gyer) says:

>My ICOM IC-740 uses the optional IC-EX243 keyer board. It has one 16
>pin chip (25C945), 11 resistors, 1 pot, 5 caps, 2 diodes, and 1
>transistor. Its maybe two square inches in area. Some of the pots are
>on the main chassis. Project seems likely.
>
>Good luck
>Jim Gyer KC7RKL (docjim@getnet.com)

I like the little Curtis 8044ABM chip. It's a bit more ($19.95) but you can make the circuit design as simple or as detailed as you wish.

I built a "bare-bones" circuit with just a pot for speed; the circuit board is 1 1/2" X 1 1/2" and I found a tiny box that just accomodates the board, pot, jacks and 9 volt battery. Probably uses half a dozen resistors and a few capacitors in the circuit, plus a couple diodes and transistor.

You can go all-out with the chip and build a circuit with sidetone, speed meter, variable weighting, the works, but it will be on a larger board.

It is a versatile IC for its price.

73, Zack W9SZ

--

2418. YOU CAN HAVE $25,000 IN 4 WEEKS

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: mws9264@tntech.edu
Message-ID: <1996Sep5.023539@eagle.tntech.edu>
Source record: 217516

****
This works, I did it and have already received $682.00 in the past week.
****
Hello! I've got some awesome news that I think you need to take two minutes to read if you have ever thought "How could I make some serious cash in a hurry???" , or been in serious debt, ready to do almost anything to get the money needed to pay off those bill collectors. So grab a snack, a warm cup of coffee, or a glass of your favorite beverage, get comfortable and listen to this interesting, exciting find!
Let me start by saying that I FINALLY FOUND IT! That's right!. I found it! And I HATE GET RICH QUICK SCHEMES!! I hate those schemes like multi-level marketing, mail-order schemes, envelope stuffing scams, 900 number scams... the list goes on forever. I have tried every darn get rich quick scheme out there over the past 12 years. I somehow got on mailing lists for people looking to make money (more like 'desperate stupid people who will try anything for money!'). Well, when I was a teenager, these claims to 'get me rich quick' sounded irresistible! I would shell out $14.95 here, $29.95 there, $24.95 here, and another $49.95 there. I had maxed out my new Circuit City Card AND my Visa...I was desperate for money!! So, I gave them all a chance but failed at every one of them! Maybe they worked for some people, but not for me. Eventually, I just tossed that JUNK MAIL in the trash when I got the mail. I recognized it right away. I can smell a money scam from a mile away these days, SO I THOUGHT....
I thought I could sniff out a scam easily. WAS I WRONG!! ....I LOVE THE INTERNET!!!

I was scanning thru a NEWSGROUP and saw an article stating to GET CASH FAST!! I thought..."Here on the Internet?? Well, I'll just have to see what schemes could possibly be on the internet." The article described a way to MAIL A ONE DOLLAR BILL TO ONLY FIVE PEOPLE AND MAKE $50, 0000 IN CASH WITHIN 4 WEEKS! Well, the more I thought about it, the more I became very curious. Why? Because of the way it worked AND BECAUSE IT WOULD ONLY COST ME FIVE DOLLARS (AND FIVE STAMPS), THAT'S ALL I EVER PAY....EVER!!

Ok, so the $50,000 in cash was maybe a tough amount to reach, but it was possible. I knew that I could at least get a return of $1,000 or so. So I did it!! As per the instructions in the article, I mailed out ('snail mail'for you e-mail fanatics) a single dollar bill to each of the five people on the list that was contained in the article. I included a small note, with the dollar, that stated "Please Add Me To Your List." I then removed the first position name of the five names listed and moved everyone up one position, and I put my name in

position five of the list. This is how the money starts rolling in! I then took this revised article now with my name on the list and REPOSTED IT ON AS MANY NEWSGROUPS AND LOCAL BULLETIN BOARD MESSAGE AREAS THAT I KNEW. I then waited to watch the money come in...prepared to maybe receive about $1000 to $1500 in cash or so.... But what a welcome surprise when those envelopes kept coming in!!! I knew what they were as soon as I saw the return addresses from people all over the world-Most from the U.S., but some from Canada, even some from Australia! I tell you, THAT WAS EXCITING!! So how much did I get in total return? $1000? $5000? Not even!!! I received a total of $23,343!!! I couldn't believe it!!

I now have a brand new black Acura Integra to speak for, due to this!! Now after almost 8 months, I am ready to do it again!!! So maybe it was possible to get $50,000 in cash, I don't know, but IT COMPLETELY DEPENDS ON YOU, THE INDIVIDUAL! You must follow through and repost this article everywhere you can think of! The more postings you achieve will determine how much cash will arrive in your very own mailbox!! It's just too easy to pass up!!!

Let's review the reasons why you should do this: The only cost factors are for the five stamps, the 5 envelopes and the 5 one dollar bills that you send out to the listed names by snail mail (US Postal Service Mail). Then just simply repost the article (WITH YOUR NAME ADDED) to all the newsgroups and local BBS's you can. Then sit back and, (ironically), enjoy walking (you can run if you like! :o) down your driveway to your mailbox and scoop up your rewards!! We all have five dollars to put into such an easy effortless investment with SPECTACULAR REALISTIC RETURNS OF $15,000 to $25,000 in about 3-5 weeks! So HOLD OFF ON THOSE LOTTERY NUMBERS FOR TODAY,EAT AT HOME TONIGHT INSTEAD OF TAKEOUT FROM McDONALDS AND INVEST FIVE DOLLARS IN THIS AMAZING MONEY MAKING SYSTEM NOW!!! YOU CAN'T LOSE!!

So how do you do it exactly, you ask? I have carefully provided the mostdetailed, yet straightforward instructions on how to easily get this underway and get your cash on its way. SO, ARE YOU READY TO MAKE SOME CASH!!!?? HERE WE GO!!!

*** THE LIST OF NAMES IS AT THE END OF THIS ARTICLE. ***

OK, Read this carefully. Get a printout of this information, if you like, so you can easily refer to it as often as needed.

INSTRUCTIONS:

1. Take a sheet of paper and write on it the following: "Please add my name to your list". This creates a service out of this money making system and thus making it completely legal. You are not just randomly sending a dollar to someone, you are paying one dollar for a legitimate service. Make sure you include your name and address. I assure you that, again, this is completely legal! For a neat little twist, also write what slot their name was in: "You were

in slot 3", Just to add a little fun! This is all about having fun and making money at the same time!

2. Now fold this sheet of paper around a dollar bill ,(no checks or money orders), and put them into an envelope and send it on its way to the five people listed. The folding of the paper around the bill will insure its arrival to its recipient. THIS STEP IS IMPORTANT!!

3. Now listen carefully, here's where you get YOUR MONEY COMING TO YOUR MAILBOX. Look at the list of five people; remove the first name from position one and move everyone on the list up slot one on the list. Position 2 name will now move to the position 1 slot , position 3 will now become position 2, 4 will be be 3, 5 wil be 4. Now put your name, address, zipcode AND COUNTRY in position 5, the bottom position on the list.

4. Now upload this updated file to as many newsgroups and local bulletin boards' message areas & file section as possible. Give a catchy description of the file so it gets noticed!! Such as: "NEED FAST CASH?, HERE IT IS!" or "NEED CASH TO PAY OFF YOUR DEBTS??", etc. And the more uploads, the more money you will make, and of course, the more money the others on the list will make too. LET'S ALL TAKE CARE OF EACH OTHER BY BEING HONEST AND BY PUTTING FORTH 120 PERCENT INTO THIS PROFITABLE & AMAZING SYSTEM!!! You'll reap the benefits, believe me!!! Set a goal for the number of total uploads you'll post, such as 15-20 postings or more! Always have a goal in mind!!! If you can UUE encode the file when uploading, that will make it easier for the people to receive it and have it downloaded to their hard drive. That way they get a copy of the article right on their computer without hassles of viewing and then saving the article from the File menu. Don't alter the file type, leave it as an MS-DOS Text file. The best test is to be able to view this file using Microsoft's Notepad for Windows 3.x or WordPad for Windows '95. If the margins look right without making the screen slide left or right when at the ends of the sentences, you're in business!

5. If you need help uploading, simply ask the sysop of the BBS, or "POST" a message on a newsgroup asking how to post a file, tell them who your Internet provider is and PEOPLE WILL ALWAYS BE GLAD TO HELP. I would try to describe how to do it but there are simply too many internet software packages with slightly different yet relatively simple ways to post or upload a file. Just ask for help or look in the help section for 'posting'. I do know that for GNN, you simply select 'POST' then enter a catchy description under the subject box, choose 'ATTACH', selecting 'UUE' and NOT 'TXT', then choose 'Browse' to go look for the file. Find your text file CASH.TXT and click on it and choose 'OK'. Place a one line statement in the main body section of the message post screen. Something like "Download this to read how to get cash arriving in your mailbox with no paybacks!" or whatever. Just make sure it represents its true feasibility, NOT something like..."Get one million dollars flooding in your mailbox in two days!"

You'll never get ANY responses!

6. And this is the step I like. JUST SIT BACK AND ENJOY LIFE BECAUSE CASH IS ON THE WAY!! Expect to see a little money start to trickle in around 2 weeks, but AT ABOUT WEEKS 3 & 4, THE MONEY STORM WILL HIT YOUR MAILBOX!! All you have to do is take it out of the mailbox and try not to scream too loud (outside anyway) when you realize YOU HIT THE BIG TIME AT LAST!!

7. So go PAY OFF YOUR BILLS AND DEBTS and then get that something special you always wanted or buy that special person in your life (or the one you want in your life) a gift they'll never forget. ENJOY LIFE!

8. Now when you get low on this money supply, simply re-activate this file again; Reposting it in the old places where you originally posted and possibly some new places you now know of. Don't ever lose this file, always keep a copy at your reach for when you ever need cash. THIS IS AN INCREDIBLE TOOL THAT YOU CAN ALWAYS RE-USE TIME AND TIME AGAIN WHEN CASH IS NEEDED!

9. (This step added by Charles Reiley). Hello, This is exciting, isn't it?! While I'm on the list, just add a note saying "Please include extra money tips" with your name & E-MAIL address, and I will (FOR FREE) send you some neat methods to increase the money you will receive with this plan. Why?... Why not? I'm not a selfish jerk...I like helping out others. E-mail just makes it a touch easier and cheaper, too! After I drop off the list, I can no longer offer you this advice, obviously, but maybe someone else who gets my tips will offer and simply replace my name on this step number 9. Good luck and give this plan your all, it will definitely pay off! Like Mike said, HAVE FUN WITH IT!!!

10. (This comment added by Mike Lorincz) Hell dude, this is great, just send the money and wait like 1 week, then all of a sudden, BOOOOOOM! Mail flood full of dollar bills. Hahahah its great
****
****
THE NAMES LIST THE NAMES LIST THE NAME LIST
****
* HONESTY IS WHAT MAKES THIS PROGRAM SUCCESSFUL!!!
*
* 1. Sandy Kim
* 3047 David Ave #10
* Campbell, CA 95128
*
* 2. Kevin Warkentin
* 1709 Ulex
* McAllen, TX 78504
*
* 3. J Watson
* #8 45 Street Cres
* Sylvan Lake, Alberta, Canada

* T4S 1K7
*
* 4. Ben Pickens
* 615 4th Street NE Apt 10C
* Tuscaloosa,AL 35404-5706 USA
*
* 5. Michael Sawyer
* 75 E. 18th St. Apt. C
* Cookeville, TN 38501 USA
****
This works, I did it and have already received $682.00 in the past week.
****

2419. Dead Batt + Freezer = NEW Batteery?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: subbustr@whidbey.net
Message-ID: <50ltgc$234@news.whidbey.com>
Source record: 217517

I figured this wud be a gud subjuct fer answers. I had a DEAD
camcorder battery which lasted abt 2 mins on the machine.
My buddy who has NO electronic experiance and iz NOT a
Ham told me this: "Put it in a zip-lock bag and throw it in
the deep freezer fer 24hrs " I laughed but, IT WORKED!!

The battery is NEW as ever. Lasts abt 2hrs and works fine,
maybe better than before? So what happened? I've got an old
DEAD nicad fer my ht...will that work also? I'm not a scientist and
wud like sum insight in this subj plse....Thanks alot...
Saved be abt $45 or so .....

Oak Harbor, WA USA
Ham Radio - VE7-LFA/W7
subbustr@whidbey.net

2420. Vacuum Tube windows TTF font posted in alt.binaries.fonts

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: wa2ise@netcom.com
Message-ID: <wa2iseDx904L.G9@netcom.com>
Source record: 217518
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

I made up a public domain Windows truetype font, each letter or number
inside a vacuum tube. Tubes are the "shoulder" style.

Find it posted in alt.binaries.fonts

enjoy
73s

2421. FOR SALE

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: George Andrews <andrews@cgc.ns.ca>
Message-ID: <322EB3BA.4AA9@cgc.ns.ca>
Source record: 217519

I have a Kenwood TH26AT Handheld VHF (fully modified to transmit/receive
100 - 200 Mhz (GREAT SCANNER) with following accessories:

2.5w Battery woth charger
5.0w Battery with desk-top charger
5/8 telescopic antenna
rubber duck antenna
extneded speaker mike
hard leather case
manual

Price: $350.00 Canadian dollars (Firm)

2422. Re: Sig file fixed, thanks

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: cjs9@cornell.edu
Message-ID: <50md2j$ka2@newsstand.cit.cornell.edu>
Source record: 217520

I have corrected my mistake, to all who niticed and didn't email me thanks.
A mind is a terrible thing to loose. Mine was on vacation.

Do code, just don't require it.

--
Carl (Ex-Jarhead) Semper-Fi
KB2SGX -.- -... ..--- ... --. -..-
"For those who fought for it, freedom has a flavor the protected will
never know"
Unknown Marine, Khe Sahn, Viet Nam

2423. Re: Changes to rec.radio.* heirarchy?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <50mde2$3k5@anomaly.ideamation.com>
Source record: 217521

In article <50kjg9$cn8@news.Hawaii.Edu>,
Jeffrey Herman <jherman@Hawaii.Edu> wrote:

>In <50itl1$mgc@news.ais.net> carl@ais.net writes:
>
>>Another sub-group for the sub-citizens? If you don't want to follow
>>"code/no-code" or "the ARRL sucks", please just kill-file them, rather
>>than trying to force the people whose views you may disagree with into
>>yet another form of "second-class citizenship" by censoring them off
>>to some obscure sub-group that may or may not get distributed.
>
>I'm trying to determine just what is the matter with you, Karl. We got
>a very efficient rec.radio.amateur hierarchy set up but you refuse to
>comply with the charter. Anarchy ruins a society and a newsgroup.

Its pretty simple, Jeff. I have honestly come to the conclusion that
Carl believes men in black suits are following him around. He believes
everything is a conspiracy to someone suppress his opinion. He has
purposely misattributed several comments to me, and when asked to back
up his claims that I've made these remarks, dismisses them with a
'oh, I can't be bothered'.

On one occasion he made the comment "the gloves are off". I think
its pretty clear that Carl is not interested in rational discourse
about the CW requirement. At this point he has merely become a loose
cannon with his own personal agenda. In his quest for the Holy Grail,
it doesn't matter what anti-social behaviour he participates in,
because, well, its justified all in the name of the greater good.

MD
--
--
-- "I have more guns than I need, and less guns than I want." -- Phil Graam
--
-- If you don't like my opinions, that's just too damn bad.

2424. Re: INMARSAT COMMS

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: jdow@BIX.com
Message-ID: <50me76$mhl@news2.delphi.com>
Source record: 217522

In article <322E3355.2586@ucbeh.san.uc.edu>,
Steve Kramer <kramersj@ucbeh.san.uc.edu> wrote:
>Does anyone know FOR SURE if INMARSAT carrys any nbFM voice?
>Has anyone heard nbFM on INMARSAT?
>
>I have heard INMARSAT digital stuf using and R-7000 a preamp and a 4ft
>fiberglass dish. But this was only temporary and it was quite cold
>outside!!!

No narrow band FM on Inmarsat I am afraid. Inmarsat-A uses a "medium"
bandwidth FM, I believe. (I never had occaision to really look into it
when I was working Inmarsat-M stuff, to tell the truth. Signal to noise
and bandwidth considerations suggest it is a 50kHz or so deviation.)

With people shifting to "M" and "B" away from "A" listening in will become
more and more difficult. (Also note that an increasing amount of A traffic
is going through the "high speed data" option connections, essentially
"1-B + 1-D ISDN" or "switched 56". The interesting stuff is also encrypted.
I'd look elsewhere for entertainment.

(And don't email me for more info. This is ALL I am going to tell ANYONE.)

{^_^} Joanne Dow, Amiga Exchange Editor on BIX, aka The Wizardess
jdow@bix.com, jdow@delphi.com, jdow@earthlink.net
Opinions are my own hard won prejudices and nobody else's, darnitall.

2425. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: cgreenha@magnus.acs.ohio-state.edu
Message-ID: <cgreenha.629.322EC0AC@magnus.acs.ohio-state.edu>
Source record: 217523
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <Dx82ou.Co9@pe1chl.ampr.org> rob@pe1chl.ampr.org (Rob Janssen) writes:

>It only IS 9600 baud ready in YOUR opinion, and possibly Kenwood's.

[subtle insults snipped]

No Rob...thats a fact. Want to come over to my house? It spewing data
as we speak at 9.6k.

Take care.

Christopher K. Greenhalgh, N8WCT
Computer/Electronic Tech. II at The Ohio State University
E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

2426. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: Pierre Thomson <mmommsen@mhv.net>
Message-ID: <50mfeu$e9u@news.mhv.net>
Source record: 217524

zommbee@nwlink.com (zommbee) wrote:
>
> This is NOT to get feedback on whether it should be required for upgrades
> or anything at all. I am ONLY asking how many people ENJOY CW? Now here's
> the clinker - How many enjoy CW who have only had their tickets for a couple
> of years or less? I get the impression from reading these newsgroups that
> only us 'old timers' (I've been licensed for 22 years and I'm 35 years old)
> actually LIKE CW, that ALL newcomers HATE it, and resent being told they
> have to learn it. Is this true? Or do newcomers LIKE code? and USE it?
>

I, for one, love CW. However, since I've been a ham for 14 years,
I guess that makes me an "old timer".

Having "Elmered" several young people to their tickets, let me
tell about a few of them:

John, KB2PDX (Tech Plus) was once a Navy signal man. He operates
100% CW, and has made hundreds of QSO's on 80, 40, and 15 meters
since getting his ticket about 2 years ago. He's about 40.

Hank, KB2PNC (Tech Plus) started with the Technician license. He
uses VHF and tries 10 meters when open, but has never gotten into
CW. He is still in his teens.

Tim, KB2AXJ, started with ham radio while in college, and got into
HF, both CW and SSB, back when there was an ionosphere. We had a
club station at the university, and got lots of good use out of it.

My experience is that today's teenagers, with their computer -
oriented outlook, don't appreciate Morse as much as the older
folks do. This may be a generalization, but it might also explain
the antipathy to CW expressed by many of the bit-surfers on the Net.
I appreciate Morse as the _only_ digital mode that doesn't require
any hardware or software to use!

73 de KA2QPG, Pierre

~*-.,_,.-*~'^'~*-.,_,.-*~'^'~*-.,_,.-*~'^'~*-.,_,.-*~'^'~*-.,_,.-*~'
Pierre Thomson ARS: KA2QPG internet: mmommsen@mhv.net
-*~'^'~*-.,_,.-*~'^'~*-.,_,.-*~'^'~*-.,_,.-*~'^'~*-.,_,.-*~'^'~*-.,

2427. ANARTS RTTY News Bulletin 924 1 SEPTEMBER 1996

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: dave@eram.esi.com.au
Message-ID: <50mhkq$h94@eram.esi.com.au>
Source record: 217525
Cross-posted to: aus.radio.amateur.misc,rec.radio.amateur.misc,rec.radio.info

[ANARTS - Australian National Amateur Radio Teletype Society]

This is the Australian National Amateur Radio Teleprinter Society,
with our weekly RTTY broadcast. We transmit on the following
frequencies and times :

3.545 MHz (Plus/minus 5) 0930 UTC VK2CTD (COL)
7.045 MHz -3 0030 UTC VK2CTD (COL)
14.070 MHz (amtor/fec) 0030 UTC VK2DPM (ALAN)
14.091 MHz 0030 UTC
146.675 MHz 0030/0930 UTC VK2JPA (PAT)
144.850 MHz (ax25 bbs) VK2JPA AT VK2WI
146.675 MHz (rtty mmbbs/repeater) VK2RTY

INTERNET RADIO-INFO-DIST AT UCSD.EDU

QSL cards can be obtained by applying to the Broadcast Officer
at P.O. Box 60 Blacktown nsw 2148, with station identification,
bulletin no., date and the first news item or part thereof. In
Australia include s.a.s.e., if overseas include 1 IRC for airmail.

Views expressed in this news bulletin are not necessarily
those of the Broadcast Officer, the Relay Officers, or of the
Society.

A.N.A.R.T.S. News Bulletin 924 1 SEPTEMBER 1996

COLS COLUMN

THIS WEEK WE HAVE ANOTHER CHAPTER IN THE EARLY TELEGRAPH
SERIES. AND I BRING YOU 'DYARS TELEGRAPH'. IT IS INTERESTING
IN THAT IT USED BOTH A STATIC ELECTRIC MACHINE AND CHEMICAL
REACTION TO PRINT THE MESSAGE.

ON THE 8TH MARCH 1848 DYAR WROTE A LETTER TO DR BELL OF
CHARLESTOWN IN THE USA CLAIMING HE HAD EXPERIMENTED WITH THE
ELECTRIC TELEGRAPH IN 1826 AND 1827.

HE WROTE 'I INVENTED A PLAN OF A TELEGRAPH...BY MEANS OF
INSULATED WIRE, SUSPENDED ON POLES, AND THROUGH WHICH I
INTENDED TO SEND STROKES OF ELECTRICITY, IN SUCH A MANNER AS
THAT THE DIVERSE DISTANCE OF TIME SEPARATING THE DIVERSE
SPARKS SHOULD REPRESENT THE DIFFERENT LETTERS OF THE ALPHABET,
AND STOPS BETWEEN THE WORDS ETC. THIS ABSOLUTE, OR THIS
RELATIVE, DIFFERENCE OF TIME BETWEEN THE SEVERAL SPARKS I

INTENDED TO TAKE OFF FROM AN ELECTRIC MACHINE BY A LITTLE MECHANICAL CONTRIVANCE, REGULATED BY A PENDULUM WHILE THE SPARKS THEMSELVES WERE INTENDED TO BE RECORDED UPON A MOVING OR REVOLVING SHEET OF MOISTENED LITMUS PAPER, WHICH, BY THE FORMATION OF NITRIC ACID BY THE SPARK IN ITS PASSAGE THROUGH THE PAPER WOULD LEAVE A RED SPOT FOR EACH SPARK....

NOW YOU WILL PERCEIVE THAT THIS PLAN IS LIKE THAT KNOWN AS MORSE'S TELEGRAPH, WITH THE EXCEPTION THAT HIS IS INFERIOR TO MINE, INASMUCH AS HE AND OTHERS NOW MAKE USE OF ELECTRO-MAGNETISM, IN PLACE OF THE SIMPLE SPARK, WHICH REQUIRES THAT THEY SHOULD, IN ORDER TO GET DOTS, OR MARKS, UPON PAPER, MAKE USE OF MECHANICAL MOTIONS, WHICH REQUIRE TIME, WHEREAS MY DOTS WERE PRODUCED BY CHEMICAL ACTION OF THE SPARK ITSELF, AND WOULD BE FOR THAT REASON, TRANSMITTED AND RECORDED WITH ANY REQUIRED VELOCITY'. DYAR THEN DESCRIBES HOW HE SUSPENDED A WIRE ON GLASS INSULATORS ROUND THE OLD UNION RACECOURSE AT LONG ISLAND. THE EXPERIMENT WAS SUCCESSFUL ENOUGH TO MAKE HIM CONTEMPLATE A LINE TO PHILADELPHIA.

HOWEVER HE BECAME INVOLVED IN LEGAL SUITS INCLUDING A THREAT OF AN ACTION FOR ILLEGAL COMMUNCATION BETWEEN CITIES. HE DID NO MORE WORK ON TELEGRAPHS, WHICH IS UNFORTUNATE BECAUSE THIS MUST HAVE BEEN THE FIRST 'RECORDING' TELEGRAPH. DYAR WAS THE FIRST PERSON TO NOTICE THAT ELECTRICITY CHANGES THE COLOUR OF LITMUS.

DYAR WAS FOLLOWED BY OTHER EXPERIMENTERS WHO ATTEMPTED TO USE THE COLORATION 'OF CHEMICALLY TREATED PAPER TO INDICATE THE RECEPTION OF A TELEGRAPHIC SIGNAL, AMONG THEM WERE - MORSE, DAVY AND BAIN.

WELL THATS IT FOR THIS WEEK...YOU WILL HAVE TO DECIPHER THE STYLE OF WRITING IN USE WHEN DYAR WROTE TO DR BELL TO MAKE SENSE OF HIS INVENTION...73S DE COL.

WEEKLY SOLAR AND GEOPHYSICAL REPORT

(23 AUGUST - 29 AUGUST)

ISSUED ON 30 AUGUST 1996

SUMMARY
Date 23 24 25 26 27 28 29
10cm 74 75 75 74 74 73 74
A 13 12 12 17 15 15 (23 estimated)
T 12 13 12 17 15 15 27

SOLAR ACTIVITY WAS VERY LOW 24TH, 26TH TO 27TH AND 29TH AUGUST, AND LOW FOR THE REMAINDER OF THE WEEK.

THE GEOMAGNETIC FIELD AT LEARMONTH W.A. WAS UNSETTLED TO
ACTIVE ON 23RD AND 25TH; QUIET TO UNSETTLED ON 24TH AND 26TH;
QUIET TO ACTIVE ON 28TH, AND ACTIVE TO MINOR STORM ON 29TH
AUGUST.

MAXIMUM USABLE FREQUENCIES AT SYDNEY WERE NEAR PREDICTED
MONTHLY VALUES ALL WEEK WITH ENHANCEMENT TO 20 PER CENT 03-10
UT ON 29TH. SPREAD F WAS OBSERVED DURING LOCAL NIGHT ON 24TH.

FORECAST (30 AUGUST - 05 SEPTEMBER)

GEOMAGNETIC: ACTIVE ON 30 AUGUST, THEN DECLINING TO UNSETTLED
ON 31 AUGUST. QUIET TO UNSETTLED LEVELS ARE
EXPECTED ON OTHER DAYS.

FREQUENCIES: MOSTLY NEAR PREDICTED MONTHLY VALUES, HOWEVER
DEGRADED HF COMMS QUALITY IS EXPECTED DURING
INTERVAL 30-31 AUGUST DUE TO GEOMAGNETIC ACTIVITY.

COURTESY OF IPS RADIO AND SPACE SERVICES

RTDX0823 RTTY DX
VK2SG RTTY DXNOTES FOR WEEKENDING 23 AUGUS 96 (BID RTDX0823)

OUR INFORMATION THIS WEEK CAME FROM DJ3IW AND THE CENTRAL
EUROPE DX CLUSTER DB0SPC, I5FLN AND THE IK5PWJ PACKETCLUSTER,
IK4ZHH, W5KSI, WB2CJL, ZS5S AND THE NJ0M NODE OF THE MINNESOTA
DX PACKET CLUSTER NETWORK. THANKS TO ALL FOR YOUR INFORMATION.

BANDPASS:
FRIDAY 16
0058-14083 7J1AYK/JD1 QSX 2-5 UP, QSL VIA W5VSZ
O112-14085 UN5PR
0146-14083 7J1AYK/JD1
0412-14083 7J1AYK/JD1
0957-7033 7J1AYK/JD1
1010-14233 9A3TB SSTV
1113-14083 7J1AYK/JD1
1140-14089 Z37CEF
1155-14089 EA9JZ
1226-14083 7J1AYK/JD1
1244-14081 UN5PR
1307-14083 VP8WA
1504-14087 9L1GA
1545-14084 BV7WB
1546-14085 EY8MM
1550-14087 ER5EDU
1612-14088 OH2GI
1622-14087 ED8VBV
1741-14088 T94KW
1836-14085 UT6IO
2017-14085 4X6UO

2346-14087 T92EZC

SATURDAY 17
0041-7032 YZ7ED
0121-3584 S53X
0130-3585 YL2KF
0136-7031 RK9CWA
0140-14089 VP8CKN
0141-7032 SV1BDO/7
0155-14085 ZL2AMI
0158-14085 ZL2JON
0201-14085 ZL1AMO
0219-7040 PJ2MI
0301-7041 LU9VET
0327-7041 YV1AVO
0459-3584 EO6F
0502-3582 GW5NF
0553-14082 7L4IOU
0652-14087 HL2WA
0712-14070 UA9TK
1323-14083 7J1AYK/JD1
1408-14087 4S7NR
1419-14082 ZS1CM
1546-14083 YB51RI
1549-14086 UR5EDU
1614-14081 HL2XL
1703-14082 9H0A
1713-14078 ZS6CC
1917-14073 CE8SFG
1929-14983 HK3SGP
1951-7036 GW4KHQ
2003-21079 PY2KC
2011-7036 SV1BDO/7
2013-7033 UN5PR
2015-7036 RW6AWT
2030-14088 Z37CEF
2039-3582 RK9CWA
2040-7032 RK9CWA
2046-14075 YW1A
2108-14088 LU8EKC
2133-7030 PJ2MI
2157-14088 EO6F
2233-14082 CP1FF
2247-7060 WP4NHM
2315-7032 PY2KC
2328-7037 YL2KF

SUNDAY 18
0001-14083 FO5OP
0108-14087 KH6DRT
0658-14084 YU7AE

0813-7072 ZL2AMI
0831-3583 CO3ZD
0836-7039 ZL2JON
0845-14086 S58AA
0850-7086 VK5AI
0902-28080 9H0A
0935-28080 OH2LU
0938-14084 PI4CC
1018-7086 PJ2MI
1033-7030 HL2XL
1110-14084 YB51RI
1111-7033 7J1AYK/JD1
1141-14082 KQ4GC
1205-14079 RK9CWA
1211-14079 EA6BH
1211-14091 OH2GI
1213-14094 OH2LU
1215-21079 PT2BW
1300-14083 7J1AYK/JD1
1313-21079 9H0A
1424-21087 OH0/DL6LAU
1441-14079 T91EZC
1506-14079 UR7E
1522-14090 RK4LWZ
1842-14087 XT2DP
1955-14084 IS0YTA
2125-14086 CU3AH
2132-14080 HK3BZO
2214-14083 7J1AYK/JD1
2225-14083 HK3SGP
2239-14080 GD3HDL
2333-14083 EA8AW
2341-14084 VP5JM

MONDAY 19
0940-14082 7J1AYK/JD1
0947-14087 9L1GA
1023-14086 OI0LQK
1150-7033 AH4/OH0W QSL VIA KE7LZ
1345-7034 AH4/AH0W
1702-14084 SP1MHV
2017-14091 OY4TN
2034-14085 AZ7FAF
2123-14086 HK6SQQ
2151-14081 HK6HFY
2243-14082 GW3FSW
2300-14087 HK3BZO

TUESDAY 20
0013-14086 SV2CBA
0013-14083 VR6MW

0035-14086 VP5JM
0906-14084 OH0/DL6LAU
0950-14083 KH4/AH0W
0954-14088 OH0LQK
0956-14085 7J1AYK/JD1
0959-14084 EA9JZ
1000-14082 AH4/AH0W
1008-14085 SV1BDO/7
1220-14091 UA2AO
1329-14081 HL2XL
1421-14086 UN5PR
1424-14082 RZ3AZ
1735-14088 9L1GA
1931-14087 Z37CEF
1951-14087 XT2DP
2034-14083 9H1EL
2157-14088 S58AA
2206-14082 UR4QIZ
2214-14083 OA4BR
2215-14083 CO2KG
2220-14086 EA2CMS
2241-14088 HK3DDD
2329-14087 P43DWC
2346-14084 AH4/AH0W

WEDNESDAY 21
0151-14082 AH4/AH0W
0311-14082 AH4/AH0W
0205-14081 7J1AYK/JD1
0514-14080 7J1AYK/JD1
0705-14089 OH0/DL6LAU
0719-14083 7J1AYK/JD1
0830-14086 OH0LQK
1119-7030 EA6PZ QSL VIA BOX 800, IBIZA, SPAIN
1214-14085 UA2AO
1310-14084 CO2KG
1835-14082 XT2DP
2333-14087 EA2CMS
2337-14080 LU5VC
2341-14082 AH4/AH0W

THURSDAY 22
0131-14084 AH4/AH0W
0209-14081 UN5PR
0324-14081 AH4/AH0W
0601-14086 TA2IO
0608-14083 JX7DFA
0701-14083 NH6XM
0713-14084 AH4/AH0W
1047-14082 CT1AAL
1319-14087 OH0LQK

1407-14082 UA2AO
1539-14233 HL3CJ
1620-14086 UR5EDU
1627-14085 A41KD
1811-14083 XT2DP
1913-14080 5H3LM

NOTES OF INTEREST:

SEYCHELLES, S7 - WX5L WILL AGAIN TRY A SCHEDULE WITH S79MAD
THIS SUNDAY 25 AUGUST, AT 1300Z ON 14086 KHZ. IF YOU NEED THIS
COUNTRY FOR A NEW ONE, YOU CAN E-MAIL WX5L AT WX5L(AT)AOL.COM .

THE VK2SG RTTY DX NOTES ARE ALSO AVAILABLE ON THE INTERNET
ON REFLECTOR DIGITAL-DX(AT)ST.RIM.OR.JP. SEE ALSO THE OH2BUA
WEBCLUSTER AT HTTP://WWW.CLINET.FI/JUKKA/WEBCLUSTER.HTML.

FOR NEXT WEEK'S BULLETIN SEND YOUR BANDPASS AND NOTES OF
INTEREST TO LUCIANO, I5FLN(AT)ZS5S.ZAF.AF.

73 AND GOOD HUNTING DE JULES
W2JGRAT(AT)W5KSI.(HASHSIGN)NOLA.LA.USA.NA

COMING EVENTS

SEPTEMBER 28TH-29TH CQ/DJ WW DIGITAL

OCTOBER 19TH-20TH JARTS WW RTTY

Society information

The Society may be contacted at : PO Box 860, Crows Nest 2065
Australia, for such matters as membership and general
enquiries. Enquiries can also be made by packet to the
President (Col) VK2CTD at VKWI2, or the Secretary (Pat) VK2JPA
at VK2WI.

Email address for the Secretary is :

patl(at)pitt.conmusic.su.oz.au
or patl(at)extro.ucc.su.oz.au

73s de Pat VK2JPA Broadcast Officer

--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2KFU.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | D8 15 71 F9 26 C8 63 40 5E 63 5C 65 FC A0 22 99

2428. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <50mlgc$s2u@dfw-ixnews5.ix.netcom.com>
Source record: 217526
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In <01bb9a24$c199c180$5ba19ecd@expressp5.insighttec.com> "Ron Curry"
<recurry@insighttec.com> writes:
>
>You guys are really wasting your time here. After all the discussion
he
>still doesn't get it. It's unfortunate but this attitude reflects that
of a
>significant number of hams - "I bought it so it must be good and since
I
>have it now it's good enough. I don't care how it affects others".
It's
>that attitude that keeps amateur radio stuck in the stone age. It's
what
>makes 1200 baud packet run at 30 cps and 9600 baud packet at 120cps.
It's
>the same attitude that keeps us from proliferating new standards at
higher
>bit rates. But.... he's happy with what he's doing (I think) so let it
>rest. Just don't put a packet station on the same frequency he's on!
>--
>Ron Curry
>KE6WED
>recurry@insighttec.com
>
>

Actually Ron it is more than defending his purchase. Chris has never been wrong. He thought he was once but that turned out not to be the case. Once Chris makes up his mind he doesn't get confused by facts or expert opinions. "I said it, I believe it, that settles it." As long as anyone argues with him he will spew his nonsensical defense. Gary is on the right track, he doesn't have a clue, he doesn't want a clue so don't waste any more time or bandwidth on him. Maybe then he will go back to alt.mcdonalds and alt.politics.homosexuality. Yes Chris you do post to these groups; before you deny it you might want to check Dejanews it's quick, easy and there you are.

73 Jerry

2429. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: Jim Cummings <jcumming@clark.dgim.doc.ca>
Message-ID: <322F0A79.47E2@clark.dgim.doc.ca>
Source record: 217527

Steve - KF2TI, NJ wrote:
>
> > Jim Cummings <jcumming@clark.dgim.doc.ca> writes:
>
> > > Kind of like these mountain climbers. Don't they realise that
> > > helicopters are a much better and faster and more reliable
> > > means of getting to the top?
> >
> > No doubt they do. But unlike in the amateur service where one must
> > submit oneself to an examination in order to confirm if the Pavlovian
> > conditioning attributed to learning Morse code has indeed been
> > successful, a helicopter pilot need not prove that he/she does not have
> > to prove that they have the skills to climb a mountain to reach the top
> > before they are allowed to do so in their conveyance of choice.
> > >
>
> >
> > 73 and live better digitally
> > Jim, VE3XJ
>
> HUH???? What???? that is one of the weirdest comparisons I have yet to see.

I am not at all that surprised that Adell was unable to see the analogy.
Perhaps if I correct some of his misconceptions, i.e. IFR ratings for pilots,
and be a tad more explicit, he will find it easier to understand my point.
However, I suspect that Adell doesn't like to be confused with the facts.

>
> helicopter pilots put alot of time and practice into attaining their licenses
(certifications).

No arguement on that point.

> a better comparison would be allowing airplane pilots to get their licenses without ever
having to learn IFR.

No it would not. I just queried the pilot certification section in Transport
Canada and they said that the only pilot certification in Canada that
requires an IFR rating is for the highest class of certification the Airline
Transport rating for an airplane. This level of certfication is a
requirement of the air carriers, and is not a requirement on the government.
Furthermore, there is no requirement for the holder of an Airline Transport
rating for helicopter to have an IFR rating. Although there no regulations
which require such a rating, most carriers require their pilots to do so. In
other words, one could hold a pilot's licence, both private and commercial,
and lacking an IFR rating is perfectly acceptable. Considering the

trans-border traffic between U.S. and Canada, I have no reason to believe that the situation is similar if not the same in the U.S. (Correction is indeed invited.)

> Why should they, they only fly when the sun is out, IFR is passe, I never use it or need it.

Exactly. If one wishes to fly in inclement weather, i.e. fly with instruments, then one needs the rating. However, if the pilot has no need to do so, or accepts the fact that they cannot fly in bad weather, there is no requirement to have the IFR.

>
> mountain climbers do so by choice and they practice their skills to achieve a level
> of competency, unlike the whinny crybaby give HF cause i want it types.

I agree with you that mountain climbers do so by choice. I also point out that helicopter pilots learn their skills by choice. Yet, it would be ridiculous to require helicopter pilots to learn to climb a mountain in like manner to testing for Morse code knowledge in order to operate on the HF amateur bands. Yet, those who believe that Morse code is a necessary skill to have prior to being authorized to use the HF frequencies regardless of the proposed mode of communciations, would have to also advocate that all pilots must know how to climb a mountain in order to be a pilot.

I do not agree with the view that Morse code testing should be abolished premised on the idea that the individual may not use it. No, it should be abolished because there is no justification for the government to require such knowledge in order to operate on the HF bands without interfering with other users. It is no more justified to demand Morse code knowledge than it would be to require that amateurs must equip their stations with multi-mode controllers or SSTV capabilities, or any other modes and capabilities available to amateurs.

>
> tell you what....I'll arrange to give you all HF privledges without practicing or taking
> any code if you'll climb Mt. McKinley without ever having climbed before.
>

Adell's offer is moot because I have passed Morse code examination, not only at 15 wpm for my Advanced certificate, but also at 30 wpm plain text and 25 wpm cipher groups for my employment at that time.

> In fact, I'll make sure you get your new codeless HF license on the way down (SPLAT)

Adell should refrain from making promises that he can't deliver. As well, the premise of his offer, that being that in order to qualify for his largess, I must imperil my life, is crude, uncalled for and offensive. I can only conclude that his offer is utterly without merit and an indication of his desparate inability to justify his views on the continuance of Morse code testing.

73 and live better digitally
Jim, VE3XJ

2430. Re: Changes to rec.radio.* heirarchy?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: js@ibbs.av.org
Message-ID: <77@ibbs.av.org>
Source record: 217528

In article <50it72$mgc@news.ais.net>, carl@ais.net (carl@ais.net) writes:
>In <887f33d4f52newsy@tosspot.sv.com>, lee@tosspot.sv.com (Lee Reynolds) writes:
>> Just a suggestion.....
>>
>> A) Changing the herirarchy to a moderated one with clear rules of
>> conduct
>> C) Adding a few (unmoderated as exception) groups to take make sure that
>> those who need a forum still have one? I have in mind something like -
>>
>> rec.radio.policy.cw
>>
>> rec.radio.flame
>>
>> - so that those of us who want to argue code versus no code and
>>those who want to fight have somewhere to do it.
>>
>
>Lee ... why are some people and assorted "thought-police" (who
>apparently "kill-file" what they don't want to read anyway) so hot to
>censor the rec.radio.* newsgroups to bury the no-code issue as deeply as
>possible???
>
>I would bet that some newsservers don't carry all of the rec.radio.*
>hierarchy ... I know my old ISP in Florida didn't ... .misc seems to be
>carried widely.
>
>I don't see a lot of code/no-code in .digital, .homebrew, .space,
>or .equipment ... what' so wrong with the discussion in .misc
>where it gets a wider audience and participation? (or is that precicely
>what you don't want?) Could you explain this?
>
>Carl - wa6vse
>carl@ais.net
>
>
>

Lee,

I think your idea is a good one. I also think that .misc is a good
place to trash the no-coders. Since no code dose not fall within any
of the heirarchy it is a misc.

What is more important is that people post messages in the correct
places. That people learn how to use the news programs and stop

spaming all over the place. A perfect example would be how many times does one see a "for sale" ad in .space or .homebrew and even in .misc? When it is VERY CLEAR that "for sale" ad's belong in .swap. Misposting is the highest form of net abuse, or at least it was in the old days.

I think every understands what I am talking about.

--js

-
--

- ----
--- ------
-THEY DON'T GET OFF TIL WE COME>
--- ------
- ----

--
-
-

2431. Beat the pile-ups>>Cyberscheds now Available @ sarrio.com

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-0509960740050001@host05.cyberg8t.com>
Source record: 217529

This is a new use of the WWW that can benefit ham radio operators throughout the world.

You can now schedule contacts with hams all over the world simply and easily by using the WWW and e-mail.I have set aside a section of my web site for hams to post their request for over-the-air schedules. Included in the posting is a place to list the posters specific ham radio contact needs (countries, zones,IOTA, grid squares ect...). The postings will also include an e-mail link that will allow hams that read the posts, to easily request an over-the-air schedule.

How Can Cyberscheds work for me?

Do you need a certain state to complete a WAS award? Are you just a few countries away from a DXCC? Are you a QRP operator looking to make contacts with hams all over the world? Are you a DX station that has grown tired of the stateside pile-ups on 20 meters? Or are you going mobile into a hard to work county?

In all the above examples you could have prearranged cyberscheds with those hams that you want to work. If band conditions are poor just e-mail the hams you could not work and set up a new schedule.

Cyberscheds are a simple way to have the internet work to the benefit of hams all over the world.

All posting will stay on-line for 6 months, or until the posting is asked to be deleted.

Visit http://www.sarrio.com and participate in your first cybersched.
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront and web site developer. Located at http://www.sarrio.com.

In association with Brillar Enterprises http://win-win.com/brillar provider of discount CD-Roms!

2432. 14.322 net?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: Hans K0HB <71111.260@CompuServe.COM>
Message-ID: <50mp4vdra1@mhafn.production.compuserve.com>
Source record: 217530

Does anyone here know anything about the apparent
Spanish language net at 14.322? I am monolingual
but after a fair amount of monitoring I don't
recognize anything which sounds like callsigns.

--
73, de Hans K0HB
--If you go flying back through time and you see somebody else
flying forward into the future, it's probably best to avoid
eye contact.

2433. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: John Nelson <johnn@pacifier.com>
Message-ID: <322EFBA7.4965@pacifier.com>
Source record: 217531
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Michael P. Deignan wrote:

> So we should base what the ARS does on what happens in other services?

Well, I guess we've settled another one. The ARS is, in fact, the only place where CW is used anymore.

To answer your question, yes, we should base what the ARS does on what happens in other services. The others have found it useless. Most prospective members of the ARS do likewise. The other services are developing a voracious appetite for spectrum. The other services are working hard to get as much throughput out of their investment in equipment AND spectrum as possible. The ARS is doing precious little of any of this. Whatever happened to "developing the art"?
>
> Should area gun owners all get automatic weapons now because the local
> police are?

You disappoint me.

2434. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: John Nelson <johnn@pacifier.com>
Message-ID: <322EFD4A.5AD8@pacifier.com>
Source record: 217532

Steve - KF2TI, NJ wrote:

> HUH???? What???? that is one of the weirdest comparisons I have yet to see.
>
> helicopter pilots put alot of time and practice into attaining their licenses (certifications).
> a better comparison would be allowing airplane pilots to get their licenses without ever having to learn IFR.
> Why should they, they only fly when the sun is out, IFR is passe, I never use it or need it.

Now THAT is a weird comparison, also wrong. There are tens of thousands of private pilots who "got their license" without learning IFR. No, the two hours one spends on IFR procedures in preparation for the private license is NOT "learning IFR", as is painfully evident in the number of VFR aircraft lost when their pilot's found themselves in IMC.

More to the point, one can learn to fly WITHOUT IFR. If one wishes to fly in IMC, one can jump through the extra hoops and learn that set of skills. No one is forced to learn something that he/she will never use.

>
> mountain climbers do so by choice and they practice their skills to achieve a level
> of competency, unlike the whinny crybaby give HF cause i want it types.
>
> tell you what....I'll arrange to give you all HF privledges without practicing or taking
> any code if you'll climb Mt. McKinley without ever having climbed before.
>
> In fact, I'll make sure you get your new codeless HF license on the way down (SPLAT)

2435. Re: Beat the pile-ups>>Cyberscheds now Available @ sarrio.com

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: psoper@encore.com
Message-ID: <Dx9Mwt.A61@encore.com>
Source record: 217533

wb6siv@cyberg8t.com (Raymond Sarrio) writes:

>You can now schedule contacts with hams all over the world simply and
>easily by using the WWW and e-mail.I have set aside a section of my web

I'd like to know what the point of DXing is if it is prearranged? I can
see it now, just a few years away:

"And I got this DXCC without ever having to turn the frequency knob. Just
fed my Internet hyper-linker into my 1000MP and used the voice synth/recognizer
in the PC to make the contacts. Hell, half the contacts were made while I
wasn't even in the house!"

Regards,
Pete
KS4XG

2436. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <50mn2i$s1f@cc.iu.net>
Source record: 217534
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In <501bbu$1rr@anomaly.ideamation.com>, kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:
>one thing only: money. The no-code VHF license was a money-making
>opportunity in more than one way (more subscribers, more item sales, etc.)

i was there, the arrl wasn't for the tech license changes and only proposed
one as a rear guard action in the end. would not have included 2m or 6m in the mix.

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

2437. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <50mnfi$t9a@cc.iu.net>
Source record: 217535

In <50kas5$i29@newsstand.cit.cornell.edu>, cjs9@cornell.edu (Carl Steckler) writes:
>I myself do not favor a continuation of a code requirement, nor am I a
>member of the ARRL. However I do believe that they have a much better Idea

join.

>If it weren't for the ARRL pushing the codless tech license I would most
>likely not be a Ham. I am glad they did and hope they keep pushing on our
>behalf.

you need to spend some time in the library...the ARRL has made hay with the
code free tech license, but certainly was not "for" a code free license until it
was a obvious that there was a large grass roots movement for such a license.

the arrl proposal was for 220 MHz and up..

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

2438. FOR SALE

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: George Andrews <andrews@cgc.ns.ca>
Message-ID: <322EF734.70CB@cgc.ns.ca>
Source record: 217536

I have a Kenwood TH26AT Handheld VHF (fully modified to transmit/receive
100 - 200 Mhz (GREAT SCANNER) with following accessories:

2.5w Battery woth charger
5.0w Battery with desk-top charger
5/8 telescopic antenna
rubber duck antenna
extneded speaker mike
hard leather case
manual

Price: $350.00 Canadian dollars (Firm)

2439. WB2VUK Resigns as ARRL Hudson Division Director

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: "Stephan M. Anderman" <sanderman@delphi.com>
Message-ID: <RxByCtz.sanderman@delphi.com>
Source record: 217537

Paul Vydareny, WB2VUK, has resigned as Director of the ARRL Hudson Division effective September 3rd. Paul's resignation, sent by email to League Secretary and Executive Vice President David Sumner, K1ZZ, was accepted by President Rodney Stafford, KB6ZV. In accordance with the By-Laws of the ARRL, Vice Director Dr. Richard Sandell, WK6R, has assumed the directorship.

Sandell, of Scarsdale, New York, became Vice Director earlier this year when the League Board of Directors elected Steve Mendelsohn, WA2DHF, as First Vice President. Vydareny, who was Vice Director at the time, succeeded Mendelsohn. WB2VUK cited work and family responsibilities as the reason for his resignation.

WK6R had previously served as an Assistant Director under WA2DHF and as Assistant Section Manager for Education under WB2VUK and current Eastern New York Section Manager Rob Leiden, KF2PJ. Rich's wife and three daughters are all licensed.

Dr. Sandell has been very visible, having visited many of the clubs in the Northern New Jersey, New York City-Long Island, and Eastern New York Sections, which comprise the Hudson Division. He is currently a candidate for Director in the upcoming Division election and opposed by Frank Fallon, N2FF, of East Williston, Long Island. A new Vice Director will not be appointed due to the impending election.

In a related matter, the ARRL Board of Directors voted 12 to 2 to sustain a ruling of its Election Committee in an electronic vote held Tuesday. There was one abstention. The vote was required after the committee denied a nomination petition for Hudson Division Vice Director filed by Ben Friedland, K2PBP, of Mendham, New Jersey.

Friedland is a director and member of the executive committee of the Industrial Telecommunications Association, a membership organization of industrial and land transportation radio licensees whose interests in matters before the FCC potentially are in conflict with those of the League. Friedland's interest in the ITA arises from his business. He is President, General Manager, and 51% shareholder of the Morristown & Erie Railway, Inc.

Friedland were declared ineligible because of a business connection that is contrary to Article 11 of the ARRL's Articles of Association. K2PBP appealed the Election Committee ruling, necessitating the Board's vote on Tuesday. As a point of history, rulings of the Election Committee have NEVER been overturned by the ARRL Board of Directors.

The other approved candidates for the Hudson Division Vice Directorship are Peter Malvasi, WB2BYQ, of Ramsey, New Jersey, and J. P. Kleinhaus, AA2DU, of Scarsdale, New York. Balloting among ARRL members will begin later this

Fall.

de Stephan Anderman, WA3RKB @ WA2UMX
ARRL Hudson Division Assistant Director
ARRL ENY Section Bulletin Manager/PIC
email: sanderman@delphi.com

2440. Parts needed for ACC 850

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: blaster@winternet.com
Message-ID: <50mveq$p11@blackice.winternet.com>
Source record: 217538

My radio club is in the market for the Autopatch card and the computer I/O card for an ACC 850.

Also I am looking for any mailing list or Special interest groups dealing mainly with ACC repeater controllers.

TNX de N0ZXG

Mike

2441. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: dfinley@newshost.aoc.nrao.edu
Message-ID: <50mqe5$8ud@orion.aoc.nrao.edu>
Source record: 217539

Dave WB7AWK zommbee@nwlink.com, asks:

>"I am ONLY asking how many people ENJOY CW? Now here's
>the clinker - How many enjoy CW who have only had their tickets for a couple
>of years or less?"

Well, here's a relative newcomer who does enjoy CW. And, like you, Dave,
I don't care if the throughput is low and if the mode is archaic (it is),
I simply enjoy it as a mode.

Ironically, it was the code test that kept me off the air for about 30
years. I tried several times to learn code, but always got frustrated
and quit. I got my First Class Radiotelephone License primarily as a
"consolation prize" for the ham license I figured I never would have.
When the no-code Tech license came along in 1991, I was one of
the first in line.

In 1993, I became obsessive about getting on HF and also stumbled onto
the Koch Method of learning code. As a result, I passed my first and
only code test -- the 20 wpm test -- on the first try. I still had no
intention of using CW, though, but, thanks in large part to a local
Elmer, I started trying a few CW QSOs. To my utter amazement, I found
I enjoyed CW tremendously. Over the following year, the percentage of
my activity that was on CW grew steadily.

Today, I own three HF radios, none of which currently has a microphone
attached. I find CW operating pleasant and relaxing. I look forward to
Straight Key Night every year (though my arm hurts afterward!) and am
slowly learning to use my 1943-vintage bug. I've lost all desire to
yak on SSB.

Without getting into the code-vs.-no-code debate (at least in this post),
I'd just like to say that if we presented CW as the fun mode that it
is rather than as bitter medicine that must be swallowed, more people
would try it and find they like it.

73,

Dave Finley, N1IRZ

2442. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: Bill Henderson <bill.henderson@zetnet.co.uk>
Message-ID: <19960905101236692 78@zetnet.co.uk>
Source record: 217540

Dave

Like yourself, I enjoy cw and it is my main mode of operation. My speed is also very slow - around the 13 - 14 (?) wpm.

Mine is probably a rather unusaul entry to the hobby.

I was about to start a the Duke of Edinburgh's Award Scheme at our local secondary school. Part of this involves the kids doing expedition work in the hills. What we need is 2-way radios, I thought. I enrolled in an RAE course and sat the exam in 1986. During the course I found that that to use the radios the kids would have to pass the same course and we would have to shell out about 200 UKP for each hand-held - not on!

I then more or less forgot about radio; never bothered about my licence; wasn't really interested. About 6 years later I thought it might be fun to have a go at the morse. To give myself a bit of enouragement I joined a local club; got my class B call (GM7OVQ) which I have never used; bought an hf rig. 2 years later (1994) passed the cw test, only just, and got my present call sign (GM0VIT). The first entry in my log is Oct 1994.

** I made my first contact 8 years after passing the RAE **

It took another few months before I made a cw contact but now seldom use anything else.

2443. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep5.161343.9035@ke4zv.atl.ga.us>
Source record: 217541

In article <50i3pa$l84@news.Hawaii.Edu> jherman@Hawaii.Edu (Jeffrey Herman) writes:
>Hi Spew,
>I did check callsign.uarl.edu and Karl is listed as a Tech. It didn't
>say Tech Plus. Just Tech.
>
>KH2PZ

That's what you get for being lazy, Jeff. Carl is listed in the
1984 printed callbook (the oldest one I have handy), and that
automatically makes him a Tech Plus under the current rules.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2444. Re: Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <50mos5$t9a@cc.iu.net>
Source record: 217542

In <50hooj$5p@jupiter.planet.net>, adell@planet.net (Steve - KF2TI) Landing, NJ writes:
>the taking of the 220 band was politically motivated and irregardless of
>amateur intervention would have happened anyway

and they only took 40% of it. the remaining 60% is primary amateur now...

folks constantly saying we "lost 220" make it hard to get people on the remaining
60%..

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

2445. Re: Who actually ENJOYS CW and could care less abo

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: fedpress@omnifest.uwm.edu
Message-ID: <50n352$h42@omnifest.uwm.edu>
Source record: 217543

I'm the local "Rip Van Winkle" of ham radio. I was away from the hobby for twenty years following high school graduation in 1973. When I got back into it, I replaced my HW-16 and Hustler 5BTV with a used TS-940SAT and a Cushcraft R7. On HF, I use CW exclusively, with the exception of checking in to the local radio club/s 10m SSB weekly net.

On six meters --a band I've really come to love-- I use CW 30 - 40% of the time. It would be higher if there were more CW ops on six! There have been quite a few occasions when I was able to complete a 50 MHz QSO during a margin opening ONLY by switching to CW.

So am I a newcomer or an old fart?

73,

Rick Kissell WB9GYT
Milwaukee, WI

2446. Re: The party is over for CB

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: 72527.01012@compuserve.com
Message-ID: <50n3kl$r4e@dub-news-svc-6.compuserve.com>
Source record: 217544

>Gary, KF9CM wrote:

>Well boys and girls the party's over for CB. This means that the local
>police will arest and fine you if it passes. The Bill reads out as
>follows:

> S 2025 IN 104th CONGRESS
> 2d Session
> To amend the Communications Act of 1934 to authorize the States to
> regulate interference with radio frequencies.
> IN THE SENATE OF THE UNITED STATES
August 2, 1996
> Mr. FEINGOLD introduced the following bill; which was read twice
> and referred to the Committee on Commerce, Science, and
> Transportation
> A BILL
> To amend the Communications Act of 1934 to authorize the States to
> regulate interference with radio frequencies.
> Be it enacted by the Senate and House of
> Representatives of the United States of America in Congress
> assembled,
> SECTION 1. AUTHORITY OF STATES TO REGULATE RADIO FREQUENCY
> INTERFERENCE.
> Section 302 of the Communications Act of 1934 (47 U.S.C. 302) is
> amended by adding at the end the following:
> `(e) Where radio frequency interference to home electronic
> equipment is caused by a CB radio station through the use of a
> transmitter or amplifier that is not authorized for use by a CB
> radio station pursuant to Commission rules, the State, county,
> municipal, or other local government shall not be preempted from
> exercising its police powers to resolve the interference by
> prohibiting the use of such unauthorized equipment or by
> imposing fines or other monetary sanctions. For purpose of this
> subsection, home electronic equipment includes, but is not
> limited to, television receivers, radio receivers, stereo
> components or systems, video cassette recorders, audio
> recorders, loud speakers, telephone equipment and other
> electronic devices normally used in the home. Any action taken
> by the State, county, municipal, or local government shall not
> preclude concurrent action by the Commission. Nothing in this
> subsection shall be construed to diminish the Commission's
> exclusive jurisdiction over radio frequency interference in any
> matter outside the scope of this subsection.'.

>"73" Gary KF9CM KOX 8626

To all ham operators:

You better hope and pray that the bozo cop who gets dispatched to investigate an interference complaint is technically qualified to judge what is a CB station and what is a ham station. One listen to our local "boys in blue" will show you that a lot of them are incompetent at using their own two-way equipment, and now we are putting them in charge of deciding what is legal and what is not?

Your neighbors cannot tell and do not care whether or not that the voice they hear coming through their telephone is a ham or CB'er. Hams are legally allowed to use much greater power than CB'ers, and that extra power will interfere more severely with cheap consumer electronics than a legal CB station. (Yes, some 4 watt legal CB stations get interference complaints too!) So your neighbor calls the police to complain about "some CB'er" interfering with his TV, and "Mr. Uneducated in Electronics" who is dressed in a blue uniform rushes over and confronts the person who is allegedly interfering. The person may be using a legal ham or CB station and gets busted because the cop assumes that the station owner is doing something wrong! Can he tell a linear amplifier apart from an SWR meter or antenna tuner?

I don't know about you, Gary, but I don't have the time or money to go to court to prove that I am a ham and was running a legal station. How will the investigating officer know the difference between a CB linear and a 10 meter linear? I do not want my HF linear amplifier confiscated and have to go through to court to get it back.

Don't be too quick to celebrate my fellow hams!! The whole bill stinks, and anything that is passed that will affect your CB neighbors could possibly affect you too! Even if it doesn't, how long do you think it will be before they pass a bill giving the states permission to enforce interference from ham stations, cellular phones, cordless mikes and anything else that emits RF. Police officers who are technically qualified to judge what is causing the problem would probably make more mony if they used that electronic knowledge in another job relating to that field.

We have to stop any bills from passing that will give interference enforcement rights to anybody other than the FCC! Think about it!

73 from Steve, WA3RVT

2447. Re: Icom R-7000

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: Dave Rogers <rogers@resbld.csc.ti.com>
Message-ID: <322F17E5.14CF@resbld.csc.ti.com>
Source record: 217545

Garry Hobart wrote:
>
> On Mon, 26 Aug 1996 22:55:09 -0700, Tom Kutz <tkutz@Skypoint.com>
> wrote:
>
> >Hi;
> >I have an Icom R-7000 that I don't think works above 1 Ghz.
> >I thought that I should be able to hear the GPS signals on
> >1575.42 Mhz. I can't hear anything. In fact I never hear any
> >signals above 1 Ghz. Works fine below.
> >
> >Any help??
> >
> >Tom
> >WA0LRE
> >tkutz@skypoint.com
> >
>
> It is probably your coax. For freqs above 1 Ghz, you really need to
> use Hardline. Anything less, is just too lossy. The best coax,
> will work well for shorter runs. If you cut the length of coax in
> half, you will also cut the loss in half.

It's probably the fact that GPS transmissions are Spread Spectrum and of
such low power that you won't hear them on anything but a GPS RX.

dave

--
Dave Rogers rogers@resbld.csc.ti.com
Texas Instruments
Central Research Lab
Dallas, Texas

2448. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: landisj@nad.com
Message-ID: <1996Sep5.125007.626@main03>
Source record: 217546

In article <50le25$6oa@texas.nwlink.com>, zommbee@nwlink.com (zommbee) writes:
> Hi everyone.
>
> This is a legitimate question. I am NOT (repeat NOT) trying to create a
> flame war or spam war.
>
> I enjoy CW emensely, and have for years. Although I only copy about 10 or
> 12 WPM most of the time, it's still my major mode. I love the sound, the
> way you can tell something about the other guy by his 'fist', even if it
> is a keyer (we all adjust them differently, after all). I don't care one
> bit if it is archaeic, or if the throughput is slow. It doesn't matter to me
> that come 1999, the world will abandon it as a commercial communication mode
> (officially, anyway). I KNOW I could get MUCH faster data throughput using
> packet or something else. But I don't care - I ENJOY it. It takes up almost
> no bandwidth, and is harmless to anyone who doesn't understand it.
>
> This is NOT to get feedback on whether it should be required for upgrades
> or anything at all. I am ONLY asking how many people ENJOY CW? Now here's
> the clinker - How many enjoy CW who have only had their tickets for a couple
> of years or less? I get the impression from reading these newsgroups that
> only us 'old timers' (I've been licensed for 22 years and I'm 35 years old)
> actually LIKE CW, that ALL newcomers HATE it, and resent being told they
> have to learn it. Is this true? Or do newcomers LIKE code? and USE it?
>
> AGAIN, I am NOT ASKING if you think CW should be required. Don't reply if
> that's what you want to discuss. I ONLY want to know if you ENJOY CW, and
> are a relative newcomer to ham radio. (OT's ok too, of course).
>
> There have too many mean-spirited threads about the requirement issue, and
> I don't want this to be another.
>
> Let this be a friendly thread, whether you love CW or hate it. I honestly
> want to know, and would love to read postings (or emails, for that matter)
> from both sides, but mostly from relative newcomers.
>
> Am I alone in my opinion?
>
> Thanks to all who reply.
>
> Dave WB7AWK
> zommbee@nwlink.com

Dave,
I like CW. I use it regularly. I've been licensed about 3 years; I'm 40.

Been doing mostly VHF/UHF lately and I find it easier to work stations down in the noise with CW. I don't yet have have a tower, H frames full of yagis/ loopers and kw's. Just a multimode on 2M, transverters on 432 and now 903 and 10368mhz. I've found that I can enjoy it more when the band is up, and we can roll along at 20-25wpm. Then again, I'm more likely to just use SSB when conditions support it. It can be a real effort to copy at 10-15wpm, when I need to write the copy on paper to follow it. Above that it's easy to head copy.

73!
Joe - AA3GN
--
landisj@nad.com - speaking only for myself, of course

2449. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <50n7b9$5oo@jupiter.planet.net>
Source record: 217547

> Jim Cummings <jcumming@clark.dgim.doc.ca> writes:

> Exactly. If one wishes to fly in inclement weather, i.e. fly with
> instruments, then one needs the rating. However, if the pilot has no need to
> do so, or accepts the fact that they cannot fly in bad weather, there is no
> requirement to have the IFR.

Remind me to never fly with you without checking to make sure that the
weather will always be sunny an never a chance of clouds/rain/snow......

>
> I agree with you that mountain climbers do so by choice. I also point out
> that helicopter pilots learn their skills by choice. Yet, it would be
> ridiculous to require helicopter pilots to learn to climb a mountain in like
> manner to testing for Morse code knowledge in order to operate on the HF
> amateur bands.

wouldn't it be eaiser to just blow up the mountain and then walk on the rubble. If
I follow you, then mountain climbers should be expolsices experts as well

Yet, those who believe that Morse code is a necessary skill
> to have prior to being authorized to use the HF frequencies regardless of the
> proposed mode of communciations, would have to also advocate that all pilots
> must know how to climb a mountain in order to be a pilot.

it's still a wierd analogy

> I do not agree with the view that Morse code testing should be abolished
> premised on the idea that the individual may not use it. No, it should be
> abolished because there is no justification for the government to require
> such knowledge in order to operate on the HF bands without interfering with
> other users.

Which government are we speaking of here. Last time I looked there were quite a few
that had a say in code/HF requirements, each having 1 vote as to keep or remove code

It is no more justified to demand Morse code knowledge than it
> would be to require that amateurs must equip their stations with multi-mode
> controllers or SSTV capabilities, or any other modes and capabilities
> available to amateurs.
>
> >
> > tell you what....I'll arrange to give you all HF privledges without practicing or
taking
> > any code if you'll climb Mt. McKinley without ever having climbed before.
> >
>

> Adell's offer is moot because I have passed Morse code examination, not only
> at 15 wpm for my Advanced certificate, but also at 30 wpm plain text and 25
> wpm cipher groups for my employment at that time.

I'm very impressed. I have 2 purple hearts and a bronze star and my computer can decipher code up to 50 wpm.

However both statements, along with a $1.50 only get someone a subway ride. Why is that the qualifications of the person, I can do code standing on my head, or I can copy code backwards
while sitting on a horse, make them an authority?? Can't quite figure that out yest.

> > In fact, I'll make sure you get your new codeless HF license on the way down (SPLAT)
>
> Adell should refrain from making promises that he can't deliver. As well,
> the premise of his offer, that being that in order to qualify for his
> largess, I must imperil my life, is crude, uncalled for and offensive.

What's a matter Jim, no sarcasm up north ehhhhh??? thin skinned season started ehhhhh??? To even consider my comment as trying to imperil your life is presumpteous and down right arrogant. Maybe if we went out a few times and you brought me flowers or candy, then I could make comments directed at you, but right now...wellllll

I can
> only conclude that his offer is utterly without merit and an indication of
> his desparate inability to justify his views on the continuance of Morse code
> testing.

my comments are based on treaty provisons that state that some for of CW proficiency is required to attain an HF license and to read for the next 3 years the i'm right/your wrong
babble and drivel is no than i can stands and i can't stands no more.

i will continue to bring humor to all asinine statements so that those who wish make see the light. And that light is even if the 10 biggest countries decide to eliminate all CW
requirements, the 11 smallest can force the issue and the code will remain. Then what, shall
we blow them all to kingdom come??? I think now

> 73 and live better digitally
> Jim, VE3XJ

73 and son't take evrything so personal, you turn in Kar-el or Bur-tel

Keep smiling

steve

2450. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: Richard Abbot <abbot@pez.bell-labs.com>
Message-ID: <322F1CFC.318F@pez.bell-labs.com>
Source record: 217548

Dave,

I've been licensed for 23 years, and I like CW too. Here's a
few reasons that folks haven't mentioned yet:

1. It's neat to rely on -yourself- for communications...no
decoders, displays, status LEDs, etc. CW is kinda the
opposite of packet in this respect. Just a speaker and
your ears required.

2. CW is a good mode to use if you are in a house full of
sleeping people and it's 3 AM. Just wear headphones, and
you don't bother anybody. Not true for SSB or FM.

3. Got TVI problems? CW is more "stealthy" than the other modes,
because it's less obvious to laymen that radio communication
is at fault. The voice modes are harder to "cloak." (Of
course the best approach is to clean up the TVI!).

4. CW is good if you are on a budget. CW-only equipment is much
cheaper than today's SSB/CW/AM/FM radios.

5. Like to build your own (or repair your own)? CW circuits are
simpler to understand and fix.

6. Like to ham it up while on the road, in hotels, rest stops,
etc.? QRP CW gear can be REALLY small and light; makes
hamming-while-travelling easier. I'm talking here about HF
only ... I realize that today's V/UHF HT's are nice and small.

Lastly, the most compelling reason for me:

7. If you don't have a great station, CW will get you further
than voice. I've made lots of exotic DX contacts on CW that
I wouldn't have a prayer of making on, say, 20m SSB. For
those of us in the "low dipole and 100w" category (which
includes me), CW makes DX possible.

Just my two cents.

73 all,

Rich

2451. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: Mark Brown <kb0pyo@starpoint.net>
Message-ID: <322F42BE.5395@starpoint.net>
Source record: 217549

Steve - KF2TI, NJ wrote:
>
> > Jim Cummings <jcumming@clark.dgim.doc.ca> writes:
>
> > Exactly. If one wishes to fly in inclement weather, i.e. fly with
> > instruments, then one needs the rating. However, if the pilot has no need to
> > do so, or accepts the fact that they cannot fly in bad weather, there is no
> > requirement to have the IFR.
>
> Remind me to never fly with you without checking to make sure that the
> weather will always be sunny an never a chance of clouds/rain/snow......
>
> >
> > I agree with you that mountain climbers do so by choice. I also point out
> > that helicopter pilots learn their skills by choice. Yet, it would be
> > ridiculous to require helicopter pilots to learn to climb a mountain in like
> > manner to testing for Morse code knowledge in order to operate on the HF
> > amateur bands.
>
> wouldn't it be eaiser to just blow up the mountain and then walk on the rubble. If
> I follow you, then mountain climbers should be expolsices experts as well
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> Yet, those who believe that Morse code is a necessary skill
> > to have prior to being authorized to use the HF frequencies regardless of the
> > proposed mode of communciations, would have to also advocate that all pilots
> > must know how to climb a mountain in order to be a pilot.
>
> it's still a wierd analogy
>
>
> > I do not agree with the view that Morse code testing should be abolished
> > premised on the idea that the individual may not use it. No, it should be
> > abolished because there is no justification for the government to require
> > such knowledge in order to operate on the HF bands without interfering with
> > other users.
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> Which government are we speaking of here. Last time I looked there were quite a few
> that had a say in code/HF requirements, each having 1 vote as to keep or remove code
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> It is no more justified to demand Morse code knowledge than it
> > would be to require that amateurs must equip their stations with multi-mode
> > controllers or SSTV capabilities, or any other modes and capabilities
> > available to amateurs.
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> > >
> > > tell you what....I'll arrange to give you all HF privledges without practicing or taking
> > > any code if you'll climb Mt. McKinley without ever having climbed before.
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> >
> > Adell's offer is moot because I have passed Morse code examination, not only
> > at 15 wpm for my Advanced certificate, but also at 30 wpm plain text and 25
> > wpm cipher groups for my employment at that time.
>
> I'm very impressed. I have 2 purple hearts and a bronze star and my computer can decipher
> code up to 50 wpm.
>
> However both statements, along with a $1.50 only get someone a subway ride. Why is that the
> qualifications of the person, I can do code standing on my head, or I can copy code backwards
> while sitting on a horse, make them an authority?? Can't quite figure that out yest.
>
>
> > > In fact, I'll make sure you get your new codeless HF license on the way down (SPLAT)
> >
> > Adell should refrain from making promises that he can't deliver. As well,
> > the premise of his offer, that being that in order to qualify for his
> > largess, I must imperil my life, is crude, uncalled for and offensive.
>
> What's a matter Jim, no sarcasm up north ehhhhh??? thin skinned season started ehhhhh???
> To even consider my comment as trying to imperil your life is presumpteous and down
> right arrogant. Maybe if we went out a few times and you brought me flowers or candy,
> then I could make comments directed at you, but right now...wellllll
>
> I can
> > only conclude that his offer is utterly without merit and an indication of
> > his desparate inability to justify his views on the continuance of Morse code
> > testing.
>
> my comments are based on treaty provisons that state that some for of CW proficiency
> is required to attain an HF license and to read for the next 3 years the i'm right/your wrong
> babble and drivel is no than i can stands and i can't stands no more.
>
> i will continue to bring humor to all asinine statements so that those who wish make
> see the light. And that light is even if the 10 biggest countries decide to eliminate all CW
> requirements, the 11 smallest can force the issue and the code will remain. Then what, shall
> we blow them all to kingdom come??? I think now
>
> > 73 and live better digitally
> > Jim, VE3XJ

>
> 73 and son't take evrything so personal, you turn in Kar-el or Bur-tel
>
> Keep smiling
>
> steve

If I have it correct all the international treaties require is an understanding of cw. Instead of total elemination why not relax it to 5wpm which anybody should be able to learn in a very short time. Besides if they know 5wpm & get a chance to use it they just might get hooked or at least not mind using cw.
Mark

2452. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <50n9km$jko@lehi.kuentos.guam.net>
Source record: 217550

zommbee@nwlink.com (zommbee) wrote:

>This is NOT to get feedback on whether it should be required for upgrades
>or anything at all. I am ONLY asking how many people ENJOY CW? Now here's
>the clinker - How many enjoy CW who have only had their tickets for a couple
>of years or less? I get the impression from reading these newsgroups that
>only us 'old timers' (I've been licensed for 22 years and I'm 35 years old)
>actually LIKE CW, that ALL newcomers HATE it, and resent being told they
>have to learn it. Is this true? Or do newcomers LIKE code? and USE it?

No, Dave, I don't think it's true that all new hams hate CW. I don't think what you see in this newsgroup is indicative of what you would see in the general ham population. If you start paying attention to the great debate, you will see that the number of participants is rather limited. I enjoy CW. But I also enjoy other modes too. Thruput is not a consideration when I talk to someone with CW. My 'normal ragchew speed' is in the 25-30 wpm range. Sometimes I'll hear someone calling CQ at 10 or 15 wpm, so I just crank the knob on the keyer and call him. Thruput on CW can't be measured by sending speed anyway - most experienced CW ops abbreviate damn near everything.

I think CW intimidates a lot of new hams, even those who have passed the code tests. Certainly, you've heard of 'mic fright'. I think 'key fright' is a lot more common. A lot of people have a very hard time sitting down alone in front of a radio and making the first few CW contacts. It's something they need some 'Elmer' help with. I have a friend who has had an advanced license for a number of years, and just recently decided to upgrade to extra. He listened to the tapes, studied the theory, and passed the test. He is interested in CW, when he visits me he tunes around in the CW band and listens. But I don't think he has ever worked anyone on CW. He calls me on VHF and tells me about the pileups on CW, so I know he listens at his QTH. I think I need to sit down and help him get over his key fright and he'll get going on his own.

Another example. Field day in Guam is a 'non event'. Because we are so far away from the U.S. mainland, and we don't drag HF amps to the beach, we usually don't work many stations with our wire antenna and a hundred watts. This year there were 5 or 6 'new' hams that were the driving force behind the event. They put up the antennas, they brought the radio, they camped out all nite. I stopped by on Sunday afternoon to see how things were going. They had worked a dozen stations in as many hours of operating, all on SSB. I asked if they had tried CW. 'Nope'. I ask if they had a key. 'Yep, paddles. Keyer is built into the radio'. I asked if they would mind if I try CW and since they weren't working anyone anyway, they said sure. So we plugged in the paddles. I worked a few stations on CW, then I called CQ and we actually had stations calling US, which had not happened on SSB.

Several of them were really excited, as if it was the first time they had seen anyone actually USE CW. I got asked a million questions, asked for code tapes, and asked if I would be willing to run code practice on VHF for them. The interest is there, they just need some help getting started.

I had a good friend who helped me get started. I could call him on the phone when I couldn't figure out things on my own. But I had made a ton of CW contacts (with his call) before I got my license, so I didn't suffer from key fright. But I still needed help. First time I turned my radio on on a Saturday morning and heard 500 people calling 'CQ TEST', I called him and asked him if it was national equipment testing day. I called him one time and told him to listen to 10 meters, there was a DX station who kept sending his call but I had called him a hundred times and he had not answered me. After he got done rolling on the floor for a few minutes, he explained that the DX I was calling was a CW beacon, and he didn't think it would ever answer me...

So, to answer your question Dave, no, I don't think all new hams 'hate' CW. But I think most of them need more help getting started on CW than they would on SSB or FM. Personal help, not the kind of help you get from reading email on internet. I even think maybe some of them are a little bitter because they want to get started by nobody is offering to help them. It's much easier to say 'CW sucks' than it is to say 'CW scares me, I need some help.' And the new hams who enjoy CW are probably busy enjoying it, instead of writing about it here.

Hafa Adai,
Jim KH2D

P.S. As per Dave's request in his original posting, let's keep the debate out of this thread. Anyone who begs to differ with anything I have written here is more than welcome to differ with it - via private email.

2453. Re: Hog Mobile -- any hams doing it? (not a Joke).

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: %AAEKE3S%@snds.com
Message-ID: <50n94c$3q5@venger.snds.com>
Source record: 217551
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc

In article <3222659E.4F9F@magic.itg.ti.com>, FITR%mimi@magic.itg.ti.com
says...
>
>Interested in contacting Harley Davidson owners who
>have successfully installed HF on their HOG.
>Interested to learn your antenna / HF configurations.
>Also interested in any motorcycle mobile HF nets.
>
>No..this is not April Fools. Am truly curious.
>thanks,
>Joe
>
>(1973 Sportster in storage....)
>---
>Amateur Radio: BV/N0IAT Taipei TAIWAN Republic of China
> http://www.isite.net.tw/bv1al/e-hist.htm
>ex. 7J1AOF (Japan) YU3/N0IAT (Slovenia) KA0ZDH (Novice)
>Licensed Radio Amateur since 1986. Comments are mine only.
>---

I have a friend (WA9FFL) that is a died in wool Harley fan. He makes
several long road trips a year. His most recent was to Sturgis this year.
I know that he has a TenTec Scout and some Stick antennas that he uses
and gets great contacts. I don't know how he would relate to the term
"HOG MOBILE" but he wouldn't object to motorcycle mobile one bit. He is
quite proud of his Harley though.

73,

Roger Sellers
KB9LBU

2454. New INMARSAT Ready For Launch

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: Keith Stein <kstein@erols.com>
Message-ID: <841952222.23380@dejanews.com>
Source record: 217552

Hello all,

Since we have all this talk about INMARSAT, thought I would
announce that a new INMARSAT is scheduled for launch tomorrow,
Friday, September 6th, at 1700 GMT, from the Baikonur
Cosmodrome in Kazakhstan.

Check out the "Listening Post" area on my home page for more
information: http://www.newspace.com/casr

Keith Stein
Woodbridge, VA
http://www.newspace.com/casr

This article was posted to Usenet via the Posting Service at Deja News:
http://www.dejanews.com/ [Search, Post, and Read Usenet News!]

2455. Re: Wiring new house...

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: Bob Lewis <rlewis@staffnet.com>
Message-ID: <322F2DEE.741C@staffnet.com>
Source record: 217553

Rob Roy Jones wrote:
>
> Greetings,
>
> My wife and I are having a house built and it's almost at
> the point where they can begin sheetrock. My question is
> this. My shack will be in the study on the second floor.
> I have the opportunity to run coax from the study to the
> outside. I'm going to do my best to keep it from other
> wiring. I also was planning on putting a plate on the
> outside wall with an SO-239 (?) connector so I could
> just hook up whatever I decided to string up as an
> antenna.
>
> Has anyone done this before and am I going on the right
> track? We've installed Kool-Ply (tm) in out attack so
> I don't really think an attic antenna is in order.
>
> I'd appreciate any feedback on this. Thanks!
>
> -Rob
>
> **********
> Rob Jones 1-512-823-6837 KC5KSE
> IBM-Austin Distributed Storage Management

I put in a run of PVC electrical conduit so I can pull new cables as
needed. The cost of PVC is cheap compaired to the house. Bigger is
better.

2456. Re: Anonymous poster caught: J. Mackey (was: Re: CB repeaters)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <50mldu$clk@freenet-news.carleton.ca>
Source record: 217554

Jeffrey Herman (jherman@Hawaii.Edu) writes:
> Frank Sved <dg198@FreeNet.Carleton.CA> wrote:
>>I had to cut out the interchange. Were you paying attention Jeff? Are
>>you still convinced that all your contributions are postitive and
>>constructive?
>
> Hi Frank,
> All my constructive contributions go via private email and postal mail. I
> send my other contributions via netnews to publically respond to the kooks.
> Got to put a lock on that back door, or else PL this newsgroup.
> KH2PZ

Can't understand parables Jeff. Acronyms are equally difficult for me.
Air a little thin in Maui?
--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

2457. ARLB057 Fran nr 1

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: w1aw@arrl.org
Message-ID: <$arlb057.1996@arrl.org>
Source record: 217555
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB QST @ ARL $ARLB057
ARLB057 Fran nr 1

ZCZC AG37
QST de W1AW
ARRL Bulletin 57 ARLB057
From ARRL Headquarters
Newington CT September 5, 1996
To all radio amateurs

SB QST ARL ARLB057
ARLB057 Fran nr 1

Hurricane Fran Update 1

As Hurricane Fran approached the southeastern coast of the US, South Carolina section manager Mike Epstein, KD1DS, reports activation of an ARES/RACES net on 3993.5 kHz with the state SSB net serving as backup on 3915 kHz.

In North Carolina, section manager Reed Whitten, AB4W, reports that the Tarheel Emergency Net is convening on 3923 kHz. The amateur station at the state EOC in Raleigh also was to be staffed as of Thursday at noon.

In Georgia, SM Dot Fennell, KA4HHE, reports that the state SSB net will meet on 3975 kHz.

In Virginia, SM Chris Wright, KD4TZN, reports that the state emergency nets Alpha and Bravo will meet on 3910 kHz and 3947 kHz, respectively.

Hurricane Watch Net manager Jerry Herman, N3BDW, reports that the net is activated on 14.325 MHz in coordination with the National Hurricane Center station, W4EHW, in Miami as the storm approaches landfall.

Joe Schmidt, W4NKJ, coordinator, reports that National Hurricane Center station W4EHW was active and accepting the meteoroligical data from amateurs within 300 miles of the storm center, including measured wind speed as sustained for one minute, gust speed and barometric pressure. Send information with time and origin of report to w4ehw@fiu.edu, http://www.fiu.edu/orgs/w4ehw, via the Hurricane Watch Net or other nets.

Amateurs are advised to monitor storm nets but to not transmit on net frequencies unless directed to do so by net control stations. Emergency traffic takes priority over health and welfare traffic. Amateurs are advised to handle health and welfare messages originating in the affected areas first. Amateurs are further advised to refrain from sending inquiries into affected areas until such time as amateurs in these areas have indicated their ability to process them.
NNNN
/EX

2458. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <50mlmh$cpn@freenet-news.carleton.ca>
Source record: 217556

====== snip ======

Well, I like it too. Been licensed a few years and wanted to learn it the
second I got my ticket. I'm at 9wpm now and going for 12wpm (CA requirement).

Whether or not it SHOULD be a requirement is not the issue, as you stated.
I like it and I think everybody should make up their own minds. I'm a
firm believer, however, that both limitations and restraint should come
from within an individual and not be an imposition by others.
--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

2459. Re: FT-101E loading instructions ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: banderso@access.digex.net
Message-ID: <MPLANET.322f3794banderso9896a3@news.digex.net>
Source record: 217557

In article <4vvhqk$2q5@europa.chnt.gtegsc.com>,
kleite@gtec3.ndhm.gtegsc.com says...
> Hi,
> And thanks for reading my post, I have had my FT-
101E for a number of
> years. But for some reason cannot find the manual, I was
wondering if anyone
> could forward me the directions on loading up the FT-101E.
Its been a number
> of years since I have done this and would like to be
refreshed.
>
> Thanks for any help ....
>
>
> Keith ....
>
>
==========
> Statements here are mine and do not reflect the opinions of
my employer
>
==========
>
> Keith J. Leite, AA1JF
Email:kleite@gtec3.ndhm.gtegsc.com
>
> GTE Government Systems
> Communications Systems Division
> Information Technology Network Operations
> 400 John Quincy Adams Rd.
> Taunton, MA 02780 USA
>
==========
>
> "THROUGH THE GATEWAY; OFF THE REPEATER; OVER THE T-1
> BACKBONE...NOTHING BUT NET!!!"

Hi Keith ...

It's been a long time, but the 100 has 6146's as finals.
These take 6 mils of grid current and run 250 ma. of final

current at the dip when properly loaded. Hope this helps.
--
Barry Anderson K3SUI
Frederick, MD. 21702
banderso@access.digex.net

2460. Vanity Call - Gate 2 - Questions?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: g-taylor4@tamu.edu
Message-ID: <50nd36$hos@news.tamu.edu>
Source record: 217558

Getting caught up on the mail and see gate 2 has been announced so I need to get my act together.....

I see the announcement states "each call sign must be one designated for the Region of your mailing address as follows: one of the contiguous 48 states - Regions 1 - 10" I'm having trouble interpreting (as usual) what the government means here. Does this mean I'm restricted to my call area of my address? I thought that recommendation got denied and you could apply for a call sign in any area 1- 10....which may be what this statement means.

Also, had seen something somewhere about submitting via FEDEX but there being a trick to it since FEDEX only goes to physical addresses and not POBs. Could someone refresh my memory......

Tnx, Greg, KD4HZ

2461. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: Jim Cummings <jcumming@clark.dgim.doc.ca>
Message-ID: <322F6368.458F@clark.dgim.doc.ca>
Source record: 217559

Steve - KF2TI, NJ wrote:
>
> > Jim Cummings <jcumming@clark.dgim.doc.ca> writes:

> >
> > I agree with you that mountain climbers do so by choice. I also point out
> > that helicopter pilots learn their skills by choice. Yet, it would be
> > ridiculous to require helicopter pilots to learn to climb a mountain in like
> > manner to testing for Morse code knowledge in order to operate on the HF
> > amateur bands.
>
> wouldn't it be eaiser to just blow up the mountain and then walk on the rubble. If
> I follow you, then mountain climbers should be expolsices experts as well
>

No, not at all. But then again, for someone who can't follow an analogy, I
am not surprised that Adell would come to that conclusion!

> Yet, those who believe that Morse code is a necessary skill
> > to have prior to being authorized to use the HF frequencies regardless of the
> > proposed mode of communciations, would have to also advocate that all pilots
> > must know how to climb a mountain in order to be a pilot.
>
> it's still a wierd analogy
>

Just because Adell can't comprehend it, I am not at all that surprised that
he couldn't follow it.

>
> > I do not agree with the view that Morse code testing should be abolished
> > premised on the idea that the individual may not use it. No, it should be
> > abolished because there is no justification for the government to require
> > such knowledge in order to operate on the HF bands without interfering with
> > other users.
>
> Which government are we speaking of here.

Any of them.

> Last time I looked there were quite a few
> that had a say in code/HF requirements, each having 1 vote as to keep or remove code
>

Only in so far as the International Regulations are concerned. Once that
artificial barrier is broken down, there is no legitimate reason for
demanding Morse code knowledge prior to authorization to use the amateur HF

frequencies.

> It is no more justified to demand Morse code knowledge than it
> > would be to require that amateurs must equip their stations with multi-mode
> > controllers or SSTV capabilities, or any other modes and capabilities
> > available to amateurs.
> >
> >
> > Adell's offer is moot because I have passed Morse code examination, not only
> > at 15 wpm for my Advanced certificate, but also at 30 wpm plain text and 25
> > wpm cipher groups for my employment at that time.
>
> I'm very impressed. I have 2 purple hearts and a bronze star and my computer can decipher
> code up to 50 wpm.

So am I. But his 2 Purple hearts still isn't worth a quart of poisoned
panther piss when he thinks that he is empowered to issue a non-code HF
licence.

>
> However both statements, along with a $1.50 only get someone a subway ride. Why is that
the
> qualifications of the person, I can do code standing on my head, or I can copy code
backwards
> while sitting on a horse, make them an authority?? Can't quite figure that out yest.
>

Perhaps if Adell gave back his 2 purple hearts, he might achieve
enlightenment. Aside from that I have not idea what Adell's point is
anyways.

>

> >
> > Adell should refrain from making promises that he can't deliver. As well,
> > the premise of his offer, that being that in order to qualify for his
> > largess, I must imperil my life, is crude, uncalled for and offensive.
>
> What's a matter Jim, no sarcasm up north ehhhhh??? thin skinned season started ehhhhh???
> To even consider my comment as trying to imperil your life is presumpteous and down
> right arrogant. Maybe if we went out a few times and you brought me flowers or candy,
> then I could make comments directed at you, but right now...wellllll
>

Such sarcasm is usually the purvue of either the psychologically deranged or
the morally inert. I will invite Adell to select either one that he feels
more comfortable with, I wouldn't presume to do so. But of course, I am
being sarcastic.

> I can
> > only conclude that his offer is utterly without merit and an indication of
> > his desparate inability to justify his views on the continuance of Morse code
> > testing.

>
> my comments are based on treaty provisons that state that some for of CW proficiency
> is required to attain an HF license and to read for the next 3 years the i'm right/your
wrong
> babble and drivel is no than i can stands and i can't stands no more.
>

Then instead of reading the postings in this newsgroup, perhpas he should
consider taking up something that befits his mental capacities. I have a few
recommendations, but I won't bore the rest of the readers on the newsgroups.

> i will continue to bring humor to all asinine statements so that those who wish make
> see the light.

We are still waiting for this humour... Adell is invited to commence with
his humour at any time.

>And that light is even if the 10 biggest countries decide to eliminate all CW
> requirements, the 11 smallest can force the issue and the code will remain. Then what,
shall
> we blow them all to kingdom come??? I think now

Somehow, I am not at all surprised that is what Adell would recommend
violence, seeing that veracity is not one of his strong points. But of
course, I am being sarcastic.

>
> > 73 and live better digitally
> > Jim, VE3XJ
>
> 73 and son't take evrything so personal, you turn in Kar-el or Bur-tel
>

> Keep smiling
>
> steve

73 and live better digitally
Jim, VE3XJ

2462. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: rob@pe1chl.ampr.org
Message-ID: <Dx9s8y.GEo@pe1chl.ampr.org>
Source record: 217560
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In <cgreenha.629.322EC0AC@magnus.acs.ohio-state.edu> cgreenha@magnus.acs.ohio-state.edu (Christopher K. Greenhalgh) writes:

>In article <Dx82ou.Co9@pe1chl.ampr.org> rob@pe1chl.ampr.org (Rob Janssen) writes:

>>It only IS 9600 baud ready in YOUR opinion, and possibly Kenwood's.

>[subtle insults snipped]

>No Rob...thats a fact. Want to come over to my house? It spewing data
>as we speak at 9.6k.

No, I have heard enough Kenwood transceivers spewing data at 9k6.
And seen them retrying, or keeping the key down for unreasonable amounts
of time.

Rob
--
+-----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | BBS: +31-302870036 (2300-0730 local) |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+-----------------------------------+--------------------------------------+

2463. ARLB058 Comm emergency declared

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: w1aw@arrl.org
Message-ID: <$arlb058.1996@arrl.org>
Source record: 217561
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

```
SB QST @ ARL $ARLB058
ARLB058 Comm emergency declared

ZCZC AG38
QST de W1AW
ARRL Bulletin 58 ARLB058
From ARRL Headquarters
Newington CT September 5, 1996
To all radio amateurs

SB QST ARL ARLB058
ARLB058 Comm emergency declared

The FCC has issued a voluntary communications emergency declaration:
All amateurs are requested to cooperate by recognizing the existence
of a voluntary communications emergency in North Carolina and
therefore relinquishing the use of frequency 3923 kHz plus or minus
5 kHz, for handling emergency traffic resulting from Hurricane Fran.

The FCC also issued a voluntary communications emergency declaration
for South Carolina, recognizing 3993 kHz plus or minus 5 kHz for
emergency traffic.
NNNN
/EX
```

2464. The ARRL Letter Update 9/6/96

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: "Lindquist, Rick, KX4V" <elindquist@arrl.org>
Message-ID: <50ng3f$5gv@mgate.arrl.org>
Source record: 217562
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

The ARRL Letter
Electronic Update
September 6, 1996

IN THIS UPDATE:

* Emergency nets activated as Hurricane Fran approaches
* Fran delays SAREX mission STS-79
* CAC studies new Novice/Tech contest
* Solar flux to rise
* W1FZ and wife honored
* John P. Alexander, K6SVL, SK
* In Brief: Cover plaque winner; Wohlers has e-mail;
Welcome; Microwavers confab; Cushcraft winner;
Ham Explorer winners; Thruway hamming;
DXCC update

EMERGENCY NETS ACTIVATED AS HURRICANE FRAN APPROACHES

As Hurricane Fran approached the southeastern coast of the US, South Carolina section manager Mike Epstein, KD1DS, reports activation of an ARES/RACES net on 3993.5 kHz with the state SSB net serving as backup on 3915 kHz.

In North Carolina, section manager Reed Whitten, AB4W, reports that the Tarheel Emergency Net is convening on 3923 kHz. The amateur station at the state EOC in Raleigh also was to be staffed as of Thursday at noon.

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Amateurs are advised to monitor storm nets but to not transmit on net frequencies unless directed to do so by net control stations. Emergency traffic takes priority over health and welfare traffic. Amateurs are advised to handle health and welfare messages originating in the affected areas first. Amateurs are further advised to refrain from sending inquiries into affected areas until such time as amateurs in these areas have indicated their ability to process them.--Rick Palm, K1CE

HURRICANE FRAN CAUSES SECOND STS-79 POSTPONEMENT

As a precaution, NASA managers earlier this week moved the space shuttle Atlantis back to the vehicle assembly building, as Hurricane Fran headed toward the US coastline. The move marks the second delay for the start of the STS-79 mission, which had been set to launch September 14. The change in plans means that scheduled Shuttle Amateur Radio EXperiment (SAREX) contacts will be postponed. Matt Bordelon, KC5BTL, of NASA, said the new mission launch window is September 16-18, but the actual date will depend on the whims of Hurricane Fran.

The postponement also means astronaut Shannon Lucid, who's been aboard Mir since March 1996, will have to spend a few additional days in space. Even without the hurricane extension, Lucid continues to break and set world space records. As it stands, today she'll double the old Skylab space endurance record of 84 days (broken last year by astronaut Norm Thagard). Tomorrow, she'll break the world woman's single-flight duration record set in 1995 by Yelena Kondakova. Now clearly within reach is the duration record for longest-ever non-Russian space traveler, set earlier this year by Thomas Reiter at 179 days 1 hour 42 minutes. Shannon will break that record on Tuesday, September 17, at 0955 UTC.

Bordelon said Lucid is not concerned about the schedule setback. "She won't begin counting down the days until they launch," he said.

STS-79--a nine-day flight and the fourth Mir docking mission--encountered its first delay in July, when NASA decided to replace the reusable solid-rocket motors on Atlantis. Hams aboard Atlantis will use SAREX configuration M, which is FM voice, using the shuttle-Mir 2-meter radio.

Three hams will be aboard STS-79. Jay Apt, N5QWL, a mission specialist, has flown on three previous shuttle missions and used Amateur Radio on each flight. Carl Walz, KC5TIE, participated in SAREX from Columbia during STS-65 in July 1994, before earning his ham ticket. Making his fifth shuttle mission is John Blaha, KC5TZQ, a mission specialist. During STS-79, Blaha will switch places with Lucid and remain aboard the Mir space station for 5 months. Other STS-79 crew members include Commander William Readdy, Pilot Terrence Wilcutt and Mission Specialist Thomas Akers.

Three schools--two in the US and one in England--have been confirmed for SAREX QSOs during STS-79: Andover Middle School in Andover, Kansas; Immaculate Conception Elementary School in Celina, Ohio, and The Royal School for Girls in Surrey, England. The ham astronauts will also make random contacts with the amateur community as their busy schedules permit.

See the ARRLWeb SAREX page at http://www.arrl.org/sarex/ for more information.

CONTEST ADVISORY COMMITTEE STUDYING NOVICE/TECH EVENT

The ARRL Contest Advisory Committee is seriously considering the creation of a contest for Novice, Technician and Technician Plus class operators, tentatively dubbed Sprint NT. "Some of the basic rules have been hammered out within the committee, and we are in the process of seeking membership input to fine tune them," a CAC report notes. In general, the CAC is looking at these basic guidelines, subject to change:

* Time period would run from 7 AM Saturday to 1 AM Sunday EST.
* All Novice, Technician and Technician Plus frequencies may be used.
* Separate Novice and Technician winners would be determined.
* CW QSOs would count 6 points each; SSB/FM QSOs would count 2 points each.
* Multipliers would consist of ARRL sections plus one DX contact per band.
* Multipliers would count only once per band, regardless of mode.
* QSOs would count once for each band/mode.
* Only Novice, Technician and Technician Plus ops would be allowed to call CQ.
* Rules would include provision for an "Elmer" to help but not actually make QSOs.

Pending final approval from the ARRL Board of Directors, the contest could come into being as early as next summer. The CAC welcomes comments via e-mail to cac@arrl.org.

SOLAR FLUX COULD REACH MID-70S BY LATER THIS MONTH

Solar observer Tad Cook, KT7H, in Seattle, Washington, reports solar activity was up during the last week of August, and on each day, the daily solar flux was above the average of the past 90 days. The 90-day average also moved up a point from 70 to 71. Average solar flux was up 6 points from a week earlier, and average sunspot numbers were up 1 point.

Due to a recurring coronal hole, geomagnetic indices were unstable in late August and early September. Look for solar flux to drop below 70 around September 11, rise above 70 again a week later, and to the mid-70s around September 23. Moderately unstable geomagnetic conditions are expected to return then as well.

Sunspot numbers for August 22 through 28 were 12, 24, 22, 14, 16, 13 and 13, respectively, with a mean of 16.3. The 10.7-cm flux was 72.8, 74.2, 74.6, 74.7, 74.2, 74.3, and 73.3, respectively, for a mean of 74.

By the way, the Space Environment Center in Boulder, Colorado, declared July as the solar minimum month.

JIM THAYER, W1FZ, AND WIFE HONORED FOR $2 MILLION CONTRIBUTION

Jim and Beulah Thayer were honored for their generosity August 25, 1996, at a dedication ceremony for the new Farmington, New Hampshire, High School. Jim Thayer, W1FZ, a ham since 1921, and his wife donated $2 million toward the project. Several hundred area residents turned out to give the couple a

standing ovation and to present them with a watercolor of the new school. A bronze plaque at the new structure declares: "Erected through the generosity of James and Beulah Thayer. Dedicated to the Youth of Farmington, August, 1996." A picture of the couple sits above the plaque. The Thayers' donation helped to make the project possible without a tax increase. Jim Thayer was president of a local bank in Farmington and owned the local telephone company. He's a member of the Great Bay Amateur Radio Association.--Arthur Westneat, W1AM

JOHN P. ALEXANDER, K6SVL, SK

John Alexander, K6SVL, of Rancho Palos Verdes, California, died August 30, 1996, of cancer. He was 73. John was the Southwestern Division representative to the ARRL DX Advisory Committee. He was active in local clubs and was a past president of the Southern California DX Club. Upon learning of John's passing, Southwestern Division Director Fried Heyn, WA6WZO, said, "We have lost a great ham."

In Brief:

* Cover Plaque Winner! Eugene F. Ruperto, W3KH, won the August 1996 QST Cover Plaque Award for his article, "The W3KH Quadrifilar Helix Antenna."

* Wohlers has e-mail: ARRL ham radio insurance administrator Albert H. Wohlers & Co now can be accessed via e-mail. To request a brochure, use info@ahw.com. Send customer service questions to cusv@ahw.com.

* Welcome: The new ARRL Regulatory Information Branch supervisor is Tom Hogerty, KC1J, formerly the assistant contest manager. He replaces Norman Bliss, WA1CCQ, who recently completed his masters degree and accepted a position as a school librarian. Al Gordienko, KF2FB, has been named as the new assistant contest manager. He'd worked previously in ARRL/VEC.

* Microwavers Confab: Microwave Update 1996 will be held in Phoenix, Arizona, October 4-6, 1996, at the Ramada Camelback Hotel. The technical program will be devoted to frequencies above 902 MHz and will include microwave test equipment, low-noise amplifiers, TWT power amplifiers and other pertinent microwave topics. A microwave flea market will be held Friday and Saturday nights. Noise figure measurements through 24 GHz and dish feed-horn gain and pattern measurements also are planned. A microwave equipment auction is planned for Saturday. Conference registration is $40 prior to September 22, or $45 at the door. Hotel reservations at the Ramada are available by calling 800-688-2021. For more information, contact Jim Vogler, WA7CJO, 2540 E Heatherbrae Dr, Phoenix, AZ 85016; tel 602-954-0541.

* Cushcraft Winner! Ernest Lester, VE2AVX, of Quebec was the winner of the Project Gold drawing sponsored by Cushcraft at the 1996 Dayton Hamvention. At an award presentation at Cushcraft headquarters in Manchester, New Hampshire, Lester picked up a 24-karat solid gold coin plus the first antenna in Cushcraft's Project Gold series of VHF/UHF mobile antennas. He also got the 25-cent tour of the Cushcraft plant.

* Ham Explorer Winners: Hams were among several 1996 award winners at Explorer Post 73 in Worcester, Massachusetts. Among its activities, the post provides communication for local parades and road races, including the St Patrick's Day and Columbus Day parades and the Boston Marathon. Among the winners were Matthew J. Norgren, N1VKH, Explorer of the Year; Dustin P. Robinson, N1XBV, Outstanding Achievement; Kathryn M. Leonard, N1WBF, and Matthew J, Norgren, N1VKH, Theatrical Awards; and Michael R. Borelli, N1VKG, Trailer Project Award. Roger D. Demers, NE1C, and Brian G. Arsenault, N1FIY, received Explorer Leadership Training Certificates. Post 73 is part of the Mohegan Council of the Boy Scouts of America.--Franny Moy, W1SPG

* Thruway Hamming: The New York State Thruway Authority plans to place ARRL Amateur Radio recruitment brochures at rest stops along the toll highway.

* DXCC Update: The DXCC Desk reports the number of unprocessed applications at the end of August was 464 (27,814 QSLs). The desk received 376 applications (27,400 QSLs) for endorsements and new awards during July, and 655 applications (36,367 QSLs) during August. During August, DXCC Manager Bill Kennamer, K5FUV, traveled to Tokyo, Japan, where he checked DXCC cards at Ham Fair. Kennamer returned with over 200 DXCC applications, representing over 14,000 QSLs. Applications being sent out at the end of August were received a couple of days earlier. A few applications received prior to that time were waiting for paper records to be converted, or were being audited.

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The ARRL Letter is published by the American Radio Relay League, 225 Main St, Newington, CT 06111; tel 860-594-0200; fax 860-594-0259. Rodney J. Stafford, KB6ZV, President; David Sumner, K1ZZ, Executive Vice President.

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Visit the ARRLWeb page at http://www.arrl.org.

The purpose of The ARRL Letter is to provide the essential news of interest to active, organizationally minded radio amateurs faster than it can be disseminated by our official journal, QST. We strive to be fast, accurate and readable in our reporting.

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2465. Southeastern Linc Repeater Net

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: emtp4355@aol.com
Message-ID: <50nj1v$327@newsbf02.news.aol.com>
Source record: 217563

I am looking for the e-mail address of the Net coordinater of the
southeastern linc repeater net. This possibly may be KE4AIS Mike in
Marietta GA, KD4EHN Jim in Soddy Daisey, TN, or WA4QKC Ed in Albertsville
AL.
If any one can help please e-mail me direct.

emtp4355@aol.com

Joseph K. Murphy, EMT-P
KF4KEK
emtp4355@aol.com

It's a free country (USA) and I have my own ideas on every thing whether
you agree or not

2466. Re: Tropospheric Scattering

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1DxA5Mv.Jrx@netcom.com>
Source record: 217564
Cross-posted to: uk.telecom,comp.dcom.telecom.tech,rec.radio.amateur.misc

In article <50fqs7$ns4@asgard.actrix.gen.nz>,
Michael Dawson <tpcomms@atlantis.actrix.gen.nz> wrote:
>
>Has anyone any information about Troposphreic Scattering such as equipment
>suppliers, data on this mode of transmission, design rules etc.
>
>Thank you for your trouble.
>
>
>Michael Dawson
>Wellington
>New Zealand

2467. Re: 3.88 MHz sounded like CB tonight. Yuck

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: Mid Life Crisis <mlc@izzy.net>
Message-ID: <322F62D9.5C45@izzy.net>
Source record: 217565

> >>> >billhar@spaceworks.com (bill harris) wrote:
> >>> >>> Had to check that I had tuned 3.88 MHz
> >>> >>>instead of 27.something it was so bad.

What a terrible thing to say about CB!, that it sounds like 75m that is.

Tim, ka8ddz

2468. Re: The party is over for CB

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: Mid Life Crisis <mlc@izzy.net>
Message-ID: <322F5DD2.28D4@izzy.net>
Source record: 217566

72527.01012@compuserve.com wrote:
>
> >Gary, KF9CM wrote:
>
> >Well boys and girls the party's over for CB. This means that the local
> >police will arest and fine you if it passes. The Bill reads out as
> >follows:
>
> > S 2025 IN 104th CONGRESS
> > 2d Session
> > To amend the Communications Act of 1934 to authorize the States to
> > regulate interference with radio frequencies.
> > IN THE SENATE OF THE UNITED STATES
> August 2, 1996
> > Mr. FEINGOLD introduced the following bill; which was read twice
> > and referred to the Committee on Commerce, Science, and
> > Transportation
> > A BILL
> > To amend the Communications Act of 1934 to authorize the States to
> > regulate interference with radio frequencies.
> > Be it enacted by the Senate and House of
> > Representatives of the United States of America in Congress
> > assembled,
> > SECTION 1. AUTHORITY OF STATES TO REGULATE RADIO FREQUENCY
> > INTERFERENCE.
> > Section 302 of the Communications Act of 1934 (47 U.S.C. 302) is
> > amended by adding at the end the following:
> > `(e) Where radio frequency interference to home electronic
> > equipment is caused by a CB radio station through the use of a
> > transmitter or amplifier that is not authorized for use by a CB
> > radio station pursuant to Commission rules, the State, county,
> > municipal, or other local government shall not be preempted from
> > exercising its police powers to resolve the interference by
> > prohibiting the use of such unauthorized equipment or by
> > imposing fines or other monetary sanctions. For purpose of this
> > subsection, home electronic equipment includes, but is not
> > limited to, television receivers, radio receivers, stereo
> > components or systems, video cassette recorders, audio
> > recorders, loud speakers, telephone equipment and other
> > electronic devices normally used in the home. Any action taken
> > by the State, county, municipal, or local government shall not
> > preclude concurrent action by the Commission. Nothing in this
> > subsection shall be construed to diminish the Commission's
> > exclusive jurisdiction over radio frequency interference in any

> > matter outside the scope of this subsection.'.
>
> >"73" Gary KF9CM KOX 8626
>
>
> To all ham operators:
>
> You better hope and pray that the bozo cop who gets dispatched to
> investigate an interference complaint is technically qualified to judge
> what is a CB station and what is a ham station.

How about showing him your license?

> One listen to our local
> "boys in blue" will show you that a lot of them are incompetent at using
> their own two-way equipment, and now we are putting them in charge
> of deciding what is legal and what is not?

No, were not. They have never been in charge of whats legal or what
isn't,
they simply inforce the laws, they don't make them.

> I don't know about you, Gary, but I don't have the time or money to go
> to court to prove that I am a ham and was running a legal station.

Did you ever consider that the state must prove that YOU were the
interfearing station? Or did you think the officer was going to ask you
to cough up some cash on the spot?

> I do not want my HF linear amplifier confiscated
> and have to go through to court to get it back.

The bill as proposed made no mention of confiscation.

> Police officers who are technically qualified to judge what is causing
> the problem would probably make more mony if they used that electronic
> knowledge in another job relating to that field.

What ever that means... Police have never been trained to interpret the
law, only enforce it.

By the way, did you read this part:

> > preclude concurrent action by the Commission. Nothing in this
> > subsection shall be construed to diminish the Commission's
> > exclusive jurisdiction over radio frequency interference in any
> > matter outside the scope of this subsection.'.

In other words, the FCC is still the boss. If they would allow local
police to fine your legal station then it doesnt matter if the bill
passes or not right?

Tim, ka8ddz

2469. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <50np8f$45t@anomaly.ideamation.com>
Source record: 217567

I've been licensed 4 and a half years, although I've been around amateur radio for over 12 years (my wife's father and two brothers are all hams, licensed for decades). I'd say I operate 40% CW, 40% SSB, and 20% FM/ packet. I spend most of my CW time in the novice sub-bands, helping new hams get their code speed up-to-par

MD
--
--
-- "I have more guns than I need, and less guns than I want." -- Phil Graam
--
-- If you don't like my opinions, that's just too damn bad.

2470. Info wanted: Operating from St. Martin/Sint Maartin

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: kn4aq.gary@mms.net
Message-ID: <50lffj$m8d@ralph.vnet.net>
Source record: 217568

Hi, thanks for reading this.

I'll be vacationing on St. Martin later this winter, and I'm looking for some advance information and advice.

I already have my French license (I'll be staying on the French side of the island) and my Dutch license should be on the way. I know the French side is 220 volts/60 Hz, and the Dutch side is 110 volts. And I see there's a repeater on 146.76, according to the repeater directory.

OK, that's all I know so far. What can you fill in? Specifically:

How well does the repeater cover the island?

Do they mind English on the repeater? Do the locals speak English to visitors on the air? (Are there any locals on the air?)

I have an Icom 706, but the power supply is a different matter. I'm thinking of shipping one rather than carrying one on the plane (a supply with 220 volt primary taps). Suggestions on shipping?

Oh, yeah... this is a vacation, not a DXpedition, so any more general tips on things to see and do (our hotel is just above a "clothing optional" beach, but I might be able to squeeze in time for other stuff).

Thanks in advance and 73,

Gary KN4AQ

Gary Pearce Avid/Video Editor Internet:kn4aq.gary@mms.net
116 Waterfall Ct. Franklin Video
Cary, NC 27513 Raleigh, NC
919-380-9944 919-833-8888 Ham Radio: KN4AQ

2471. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: zut@cais.com
Message-ID: <Pine.BSI.3.93.960905151935.23229B-100000@cais2.cais.com>
Source record: 217569
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

On Thu, 5 Sep 1996, John Nelson wrote:

> Michael P. Deignan wrote:
>
> > So we should base what the ARS does on what happens in other services?
>
> Well, I guess we've settled another one. The ARS is, in fact, the only
> place where CW is used anymore.

Wrong. The US military (e.g. US Army Special Forces, USMC, etc.) and various intelligence agencies all still use CW and probably will continue to do so, but the people you find in these kinds of activities are the cream of the crop and are highly motivated individuals who apply personal skills to communications solutions instead of always relying on some kind of appliance. Fortunately for us, they haven't applied "dumbing down" to their activities yet.

> To answer your question, yes, we should base what the ARS does on what
> happens in other services.

Wrong again. The Amateur Radio Service (ARS) is NOT the other services and what we do is independent of what they do.

If the ARS is merely a duplication to benefit hobbyists, and that's exactly how the powers that be at the FCC are beginning to perceive us now, it is doomed. We were once considered a National Technical Resource (FCC Rules, Part 97, Section 97.1[e]), but with every store-bought transceiver and every licensee who enters the ARS who truly has no idea what is going inside the cabinet and really doesn't care, the further we're getting away from that and the closer we get to the end of the line.

>Whatever happened to "developing the art"?

It's still out here, but it's becoming harder and harder to find, thanks at least to partially to qualifying for a license through rote memorization and the conversion to an Amateur Service that is only interested in buying expensive toys that more closely resemble a Walkman or a stereo set than a piece of communications equipment. Some claim that operating digital modes is "developing the art" as you call it, but where's the "art" in buying an box and plugging it into a PC that 's loaded with software to do all the work? Absolutely all it takes is an ability to read the box's instruction manual. Virtually the same is true with space communication except it's usually just more expensive. The bottom line is that adopting pre-assembled commercial technology simply doesn't qualify.

There's one place I know of for sure where Amateur Radio is alive, well, and thriving. Try QRP. However, if you do, you'll have to join a "cream of the crop" fraternity that tries hard to do more with less, both operationally and technically, but (shudder!) you may have to learn to operate CW! It seems that's the only mode that does well at power output levels under a watt.

73,
Tony Stalls, K4KYO

2472. Manto's Home Page

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: dat0297@iperbole.bologna.it
Message-ID: <50n9fh$d7v@qualcuno.nettuno.it>
Source record: 217570
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave

Hi!
I am building a list of OM personal pages.
If you are interested in adding your page to the list, please submit
your page's URL to the address below.
Please add your callsign.

This list is opened only to OMs, and the page must be ham- or
electronics- or computer- oriented.

Don't miss this chance - get listed.
Your page will be listed in a few days at this URL:

http://www.geocities.com/SiliconValley/Park/2219

Thank you for your time,

73 73
de IZ4AFW, Fabio
--
CallSign IZ4AFW
EMail dat0297@iperbole.bologna.it
Home Page http://www.geocities.com/SiliconValley/Park/2219

2473. A *VERY* SCARY SCENARIO

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: Patrick Cook <pcook@dimensional.com>
Message-ID: <Pine.SUN.3.95.960905210142.4404A-100000@nova.dimensional.com>
Source record: 217571
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner

Hello everyone:

I just got off the phone with my mom, who's a home-shopper turned scanner-buff, and what she described to me (IF this indeed happened the way she described it to me is EXACTLY what happened).

From what she told me, this is what happened. Keep in mind that I know NOTHING of the particulars of this incident other than what she told me:

There's an automobile accident at Colfax and Osage (here in Denver, Colorado). As a result, EMS personnel are dispatched to the scene (When I refer to EMS personnel, this covers police, fire, and paramedics unless otherwise noted). This call goes out over EVERY scanner in the area to ANYONE with a scanner in their hands. EMS people arrive on the scene and do their thing.

What caught my mom's (and later mine) ears was when some Fire Department personnel said (again according to her accounts of this incident) something like "There are too many hams listening to us. Switch to Channel 2" (or whatever channel they went to for simplex, on-scene communications).

What's so scary about it, you say??

Think about it. Why would *ANY* EMS person want to switch to another channel because "there are too many hams around"??? After thinking about it, it occured to me that there were either some nosy scanner buffs (who were NOT hams) around who were doing things they weren't supposed to (such as getting in the way), or there were *indeed* some hams who went into "scanner-buff" mode and FORGOT TO BE AT LEAST SEMI-PROFESSIONAL BY *YIELDING* TO THESE PEOPLE _SO THEY CAN *DO THEIR JOBS*_!!!!!

If the former was the case, then whether they realize it or not, THEY ARE GIVING US HAMS A BAD NAME!!! If the LATTER is true, then we need to do some SERIOUS re-training as to what IS and IS *NOT* allowed while watching rescue operations.

I say this because there IS a difference and that difference is one that has to do with LIFE AND DEATH!!! In other words, by watching from a distance and NOT interfering with these people and their abilities to do their jobs CAN make the difference between someone LIVING and someone DYING!!!!

Now, of course, it *is* possible that some hams either were involved in the accident ITSELF or *WITNESSED* the accident. This happens, BUT in either case, there *IS* a difference between a ham BEING INVOLVED (either as a victim or a witness) and being just an average, ordinary person who simply has nothing better to do than to give EMS personnel a hard time and

giving ham radio a BAD name in the process.

I think we sometimes need to remind ourselves that there are some hams who are having to fight "anti-scanner" laws EVERY DAY!!! In fact, someone can correct me if I'm wrong, but Greg Godsey from Christain County, KY, is STILL fighting to keep *HIS* _LICENSE_!!!

And I know that MANY scanner clubs (such as Mountain NewsNet) have STRICT policies regarding members approaching EMS personnel OR interfering IN ANY WAY with their abilities to do their jobs (INCLUDING TO, BUT NOT LIMITED TO approaching the automobiles involved).

PLEASE DO NOT GET ME WRONG!!! I like watching EMS rescue operations just as much (if not more so :)) than you do, BUT when *I* watch EMS personnel, *I* do so from a distance where I can get a clue as to what is going on *WITHOUT* getting too close to the point where I actually *INTERFERE* with said rescue operations.

THAT is how it is *SUPPOSED* to be done!!!

As far as promoting ham radio goes (which is why the Fire Department publicly complained about hams being around in the first place), it be noted that MANY public safety agencies around the country (i.e. the hams who happen to work in this field) have put up repeaters (such as the California Highway Patrol's 2 meter [?] repeater).

Here in the Denver Area, the hams who work in the Denver Police Department have put up a repeater on 147.300 Mhz. (+) (K0LF/R) (No PL needed). I'm sure that other public safety agencies around the country have done something similar.

Now that we have their trust: LET'S *NOT* _ABUSE_ IT!!!! We all know what happens when we abuse things in this hobby.

In short, SCANNER MONITORING SHOULD BE A HOBBY---NOT AN OBSESSION OR REASON TO DO SOMETHING AS STUPID AS INTERFERING WITH EMS PERSONNEL IN THEIR EFFORTS TO *SAVE LIVES*!!! Because the next life they have to save could be *YOURS*!!!!

Rob (moderator for aresco), I know I'm ranting, but I think it's worth it considering the fact there MAY have been some hams who MAY have done the Amateur Radio Service (as well as themselves) a DISservice, IMHO (especially with the "Little LEO" folks and other commercialized SIGs breathing down our necks and salivating just to get just a piece of our PRECIOUS bands)!!!

Sincerely,

Patrick Cook, KB0OXD
Denver, Colorado

2474. Re: Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: shendo@access-one.com
Message-ID: <tcpnntpd.16.9.5.23.59.26.3046360759.1340982@access-one.com>
Source record: 217572

Agreed. Neither young nor old...just an Amatuer Radio Operator.

Such a shame to see amatuers turn against other amatuers.

73 de WL7LZ

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2475. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: rfm@worldnet.att.net
Message-ID: <wk3f0wp38w.fsf@urth2.worldnet.att.net>
Source record: 217573
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <50dldn$1kd@anomaly.ideamation.com> kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:

> How can someone have a "hard time" with a test where the answers are
> all known in advance?

What kind of fair test doesn't have the answers known in advance?
I can see it now:

43) What will be the result of spinning a die 10 minutes after
you finish this test?

A) 1
B) 2
C) 3
D) None of the above
--
Rich McAllister, KO6CL, rfm@worldnet.att.net

2476. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <50mnj4$t9a@cc.iu.net>
Source record: 217574

In <xHIwq01.armond@delphi.com>, armond@delphi.com writes:
>Gary Hosler <grhosler1@mmm.com> writes:
>
>>>I know that ... that's what I'm asying is wrong, since ARRL members are
>>>only a modest minority of hams.
>
>ARRL members are an overwhelming majority of active amateurs. Those who once
>held licenses, no longer active, will never be active, are the vast majority of
>the callbook amateurs.

the problem being what will it take to get the paper hams into active status.

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

2477. Re: Burbank, CA a "dead" zone for VHF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <50lu0m$1ae@news.Hawaii.Edu>
Source record: 217575

In article <Dx81Gz.E7r@scn.org>, James Aeschliman <bb840@scn.org> wrote:
>Yes, it's at the east edge of the San Fernando Valley. Santa Monica
>mountains are directly south

You mean due west!

KH2PZ

2478. WTD: Kenwood TS-440S Manual

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: Rob Bellville <bellvill@ultranet.com>
Message-ID: <322F888E.542@ultranet.com>
Source record: 217576
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

Hi,

I'm looking for a manual for my Kenwood TS-440S. Copies are OK.

Please email me with costs.

Thanks - Rob

--

.....
Rob Bellville, N1NTE PO Box 515
bellvill@ultranet.com Millbury, MA 01527
.....
Web Page Creation Services - Internet Consulting
http://www.ultranet.com/~bellvill/
.....

2479. American Society of Civil Engineers Initiates Tower Failure Survey

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <50n64r$aeb@news.Hawaii.Edu>
Source record: 217577
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna

The following is from rec.radio.broadcasting. If you redistribute (which James encourages), he would like to know to when you did so, and to whom.

Jeff KH2PZ

In article <5033j5$6jn@miso.wwa.com>, James Cohen <JCCPC@msn.com> wrote:

The Committee on Telecommunications Facilities (CTF) of the American Society of Civil Engineers (ASCE) commenced a survey of telecommunications tower performance earlier this year. CTF hopes to distribute the survey form as widely as possible. Results will be published yearly through ASCE and other organizations.

The intent of the survey is to determine what problems exist, how severe these may be, and where to focus effort for eventual improvement with regard to freestanding and guyed towers, cable arrays and monopoles. As data is collected, technology changes and systems age, it is anticipated that the answers to these questions will continue to evolve.

The importance of contributing to the survey cannot be overstated. There is currently very little centralized source of data on problems related to telecommunications towers, notwithstanding strong anecdotal evidence of continuing difficulties by owners and users of these structures. The committee hopes to present a preliminary set of results in April 1997.

The purpose of the survey is to determine any need for improvements in current design, construction and maintenance practice for freestanding and guyed telecommunications towers and similar structures. This will be done through an assessment of perceived functional losses by owners and users. Included in "functional loss" are collapses; loss of signal strength; transmission or reception failure; excessive, difficult or unreasonably costly maintenance; or other unsatisfactory performance of the structures, as perceived by the owner or user. Collected data will be used to focus on those areas requiring improvement in the design and construction of telecommunications towers, thereby permitting the preparation of written recommendations to enact those improvements.

The committee's mission statement includes the advancement of knowledge of, encouragement of research on and evaluation of methods of analysis, design, erection and materials utilization for telecommunications and related facilities and their components. This applies to both new and existing structures. Additionally, CTF is responsible for developing specific criteria or code proposals for their design, analysis, maintenance and construction based on these results.

Committee objectives are to provide a manual of guidance for the design, analysis, maintenance and construction of free-standing and guyed towers, earth satellite stations and their components. The use of these facilities can include microwave or long wave transmission/reception, radar facilities, or other uses.

The survey is an unfunded voluntary effort by the members of the ASCE committee, which is divided between consultants, manufacturers and users. Although the numbers and types of problems determined by the survey will be available to the public, names will not be released and sources of information will be kept confidential.

Copies of the survey may be obtained from James Cohen, PE, Chair of CTF, via Internet at jccpc@msn.com or by writing to James Cohen Consulting, P.C., P.O. Box 130, Pennington, New Jersey 08534-0130. The survey has also been posted at the National Association of Broadcasters website http://www.nab.org/scitech/files/scitech.htm and is also hoped to be distributed by the Society of Broadcasting Engineers.

2480. Re: Beat the pile-ups>>Cyberscheds now Available @ sarrio.com

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <50n7q7$cdc@news.Hawaii.Edu>
Source record: 217578

Raymond Sarrio <wb6siv@cyberg8t.com> wrote:
>You can now schedule contacts with hams all over the world simply and
>easily by using the ...

... telephone. But that sort of takes the fun out of the spontaneity of meeting up with someone. The QSL cards I have received from far off lands not only speak of chance propagation to that part of the world, but also of the chance of meeting up with that particular person on that particular frequency at that particular time. Your "cybersched" idea would make QSL cards worth no more than those 15 cent tourist postcards on sale down on Waikiki Beach.

73 from Hawaii,
Jeff KH2PZ / KH6
QRP CW

2481. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <50n94j$dmk@news.Hawaii.Edu>
Source record: 217579
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

John Nelson <johnn@pacifier.com> wrote:
>Michael P. Deignan wrote:

>> So we should base what the ARS does on what happens in other services?

>Well, I guess we've settled another one. The ARS is, in fact, the only
>place where CW is used anymore.

>To answer your question, yes, we should base what the ARS does on what
>happens in other services. The others have found it useless. Most
>prospective members of the ARS do likewise. The other services are
>developing a voracious appetite for spectrum. The other services are
>working hard to get as much throughput out of their investment in
>equipment AND spectrum as possible. The ARS is doing precious little of
>any of this. Whatever happened to "developing the art"?

>> Should area gun owners all get automatic weapons now because the local
>> police are?

>You disappoint me.

This should *really* disappoint you, John:

My "Why ham radio is not dependant upon what happens in other services" file:
*We ragchew for hours, the other services don't
*We install rptrs that duplicate coverage of already existing rptrs just
for ego sake, others don't
*We use rptrs when simplex would suffice, others don't
*We have on-the-air contests, others don't
*We bounce signals off the moons (EME) just for fun, others don't
*We purposely reduce power (QRP) for fun, others don't
*We have antenna measuring contests, others don't
*We work meteor scatter just for fun, others don't
*We build and modify radios for fun, others don't
*We go to swap meets and bargain for junk, the others don't
*We have radio club meetings, the others don't
*We think of radio as a hobby, the others don't
*We have DXpeditions, the others don't
*We carry HTs in our belts to look official, the other services don't
*CW is our most second used mode on HF, not so with the others
*We still use AM on HF, the other services don't
*We have antenna restrictions imposed upon us by neighborhood boards, others
don't
*We work SSTV, the others don't
*We debate on the radio newsgroups, the others don't

*(still under construction)

If you actually believe that passing huge files of data via the digital modes that most hams will never read is efficient communication then you've got to quit hitting the bottle.

But if you want to be like the other services, John, then join them. The Army and Navy will certainly train you to work their gear. Their mission is *very* different from ours, though.

Jeff KH2PZ / KH6

Followups directed to .policy

2482. Re: Changes to rec.radio.* heirarchy?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-05 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <50nchc$hfh@news.Hawaii.Edu>
Source record: 217580

In article <77@ibbs.av.org>, Jeff Stillinger <js@ibbs.av.org> wrote:
>
>I think your idea is a good one. I also think that .misc is a good
>place to trash the no-coders. Since no code dose not fall within any
>of the heirarchy it is a misc.

Oh my, another person admitting to the world that he hasn't read the
rec.radio.amateur charter.

KH2PZ

2483. Re: A *VERY* SCARY SCENARIO

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: John Quackey KISSOFF <No-place@anywhere.org>
Message-ID: <3230F5D1.1631@anywhere.org>
Source record: 217304
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner

Patrick Cook wrote:

>Hello everyone:

>I just got off the phone with my mom, who's a home-shopper turned scanner-buff,
>and what she described to me (IF this indeed happened the way she described
>it to me is EXACTLY what happened).

Ok, lets get pumped up on second hand info!

>From what she told me, this is what happened. Keep in mind that I know
>NOTHING of the particulars of this incident other than what she told me:

Now we're rolling with good solid unknown particulars of the incident!

(snip)

>What caught my mom's (and later mine) ears was when some Fire Department
>personnel said (again according to her accounts of this incident) something
>like "There are too many hams listening to us. Switch to Channel 2" (or
>whatever channel they went to for simplex, on-scene communications).

It's common practice for law enforcement etc. to use lesser known (often
non-repeater) channels when they have to give out names, phone numbers,
incident particulars and other specific info over the air that might be
inappropriately used by persons listening in with scanners. Maybe the
fire department personal used the term "ham" instead "nosey old women
with overly paranoid children" in the interest of community relations
(they've probably had sensitivity training).

>What's so scary about it, you say??

I think we *know* what the scary part of this post is!

(snip)

(snip)

(snip)

(snip)

(snip)

(snip)

(snip)

(snip... snip...)

(snip... snip...)

(snip... snip... whew!)

>Sincerely,

>Patrick Cook, KB0OXD
>Denver, Colorado

Miller Time!!!!!!!

2484. JA Class 4 License (correction)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <50ohnr$so5@news.Hawaii.Edu>
Source record: 217305
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

I had mentioned that Japan's Class 4 license (no code HF/VHF) was limited to 20W. A JA ham at the ARRL has informed me that a licensee is limited to 10W on HF (no WARC band privileges), and 20W on VHF (both output).

Jeff KH2PZ / KH6

2485. Re: Vanity Call - Gate 2 - Questions?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <50oigs$3t@news.Hawaii.Edu>
Source record: 217306

Greg Taylor <g-taylor4@tamu.edu> wrote:
>I see the announcement states "each call sign must be one designated for the Region
>of your mailing address as follows: one of the contiguous 48 states - Regions 1 - 10"

Hi Greg,
It means that if you're in one of the conus states ("lower 48") you do
get to choose any available call from Regions 1 to 10. So the prefix
you choose cannot contain an H or an L or a P.

I had to read that a few times myself...

73 from Region 13,
Jeff KH2PZ / KH6

2486. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <50ok1v$1t4@news.Hawaii.Edu>
Source record: 217307

<carl@ais.net> wrote:
>And it's Carl, not Karl ...

You mean you just noticed that? You've been Karl for awhile now due to your Karl Marx type belief of "Code-free HF for the masses."

KH2PZ

2487. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <50ps5d$9gr@news.Hawaii.Edu>
Source record: 217308
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <50nv1o$p18@news.ais.net>, <carl@ais.net> wrote:
>No problem ... I think the technical part of the test should be a bit
>tougher and better designed ... too many existing hams really don't have
>a clue about the radio part (but they can copy xwpm CW) ... they just
>memorized some multiple guess questions.
>
>As for the commercial license equivalent, I passed that in 1975, too.

We took our license exams around the same time, Karl; recall the exams at the San Francisco office were also multiple guess. The commercial tests were also multiple guess. Answer books were available back then for both, too.

You shouldn't try to elevate yourself above others - that only increases the hostility the young pups, like Spew, feel towards the OTers.

And beginning with the commercial production of amateur gear many (most?) hams have not had a good working knowledge how a radio works. We gripe and complain about today's new hams but if you go back and read the QST editorials from the 20s and on, and you'll realize there is really nothing new under the sun.

I would venture to guess that of those radios still being built at home, more are being built for CW use than SSB, FM, ATV, RTTY, digital, et cetera. I make this judgement based on what appears on the QRP and GLOWBUGS lists (Glowbugs is devoted to homebrewing tube gear).

Jeff KH2PZ / KH6 (ex WA6QIJ) (exclusively using homebuild CW transmitters)
Member: Society of Wireless Pioneers

(To subscribe to the Glowbugs list send an email to
listproc@theporch.com and only write:
subscribe glowbugs <your name here>)

2488. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <50psrf$a5s@news.Hawaii.Edu>
Source record: 217309

carl@ais.net writes:
> I've done plenty to deserve it ... I've advanced the state of the art
> (patented inventions in the radio art and Technical Innovation award
> from NASA (I was in the Communications Systems Research Section at
> JPL), and a great deal of public service ham work ...

Still trying to elevate yourself above coded hams, Karl?

I would venture to guess that most folks on here have done some rather interesting and important work in their professional lives, too, Karl; when we receive a paycheck we can do some marvelous things. But our hobby is not titled the Professional Radio Service, but rather the AMATEUR R.S. I don't receive a check for each radio I build - I homebrew for the love of it.

How much of the gear you use daily on the air did you build yourself, Karl? Maybe you can scan a photo of it so we all can see your homebrewed state-of-the-art radios.

Jeff KH2PZ

2489. Re: Burbank, CA a "dead" zone for VHF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <50ptme$bac@news.Hawaii.Edu>
Source record: 217310

John Minger <jaminge@pb2esac.esac.pacbell.com> wrote:
>Jeffrey Herman <jherman@Hawaii.Edu> wrote:
>>James Aeschliman <bb840@scn.org> wrote:

>>>Yes, it's at the east edge of the San Fernando Valley. Santa Monica
>>>mountains are directly south

>>You mean due west!

>Well, don't look for a horizon to the South or East, either.
>It's just a question of which mountains you mean. Is Griffith Park
>or Mount Hollywood part of the Santa Monicas?

Only if the Hollywood Hills are part of the Santa Monicas. I believe
the Supulveda Pass subdivides the two chains.

Jeff KH2PZ

2490. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: david2@tiac.net
Message-ID: <50p2ar$mvl@news-central.tiac.net>
Source record: 217354

Richard Abbot (abbot@pez.bell-labs.com) wrote:
: I've been licensed for 23 years, and I like CW too. Here's a
: few reasons that folks haven't mentioned yet:
:
: 1. It's neat to rely on -yourself- for communications...no
: decoders, displays, status LEDs, etc. CW is kinda the
: opposite of packet in this respect. Just a speaker and
: your ears required.

You're right! CW proficiency is a neat skill to have for that reason.
As a professional bytsurfer, I enjoy "roughing it" with CW. My speed's
up to around 40 wpm for conversational CW and contesting. A pitty more
people don't really communicate with it. Too many exchange of "599, 73
om">

: : 2. CW is a good mode to use if you are in a house
: you don't bother anybody. Not true for SSB or FM.
:

Again, I'm with you! I've stayed up many a night using my bug and a good
set of cans, making dx contacts. The ym never heard a thing:).

:
: 4. CW is good if you are on a budget. CW-only equipment is much
: cheaper than today's SSB/CW/AM/FM radios.

Being a Boston cliffdweller, I'm on a low budget, of space and money
both. Fortunately, I can run my little qrp cw rig and indoor wire. This
modest station works!!

Here's another point ftoponder!

CW's a crowd pleaser! I've help my local radio club with numerous demos,
fielddays etc. Those little beeps *do* get attention. People are amazed
when I talk with them while making q's.

See y'all at the bottom of 40m,
161,

Dave Hunt wx1g

2491. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: Sam Alfano <sam@alfano.com>
Message-ID: <323009BD.3B34@alfano.com>
Source record: 217355

I've been licensed about 21 years, and love CW. In fact, I don't have a mic hooked up at all. CW takes skill and a lot of practice, and I enjoy being able to fly along at 35+ wpm.

Sam Alfano
AD5C

2492. Swap MEET, Hudsonville, MI

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: Donf@cris.com
Message-ID: <50p60q$cq2@herald.concentric.net>
Source record: 217356

THE GRAND RAPIDS AMATEUR RADIO ASSOCIATION
Presents

SUPER SWAP '96
Saturday, Sept. 28, 1996
At Unity Cristian High School in Hudsonville, MI

Seller setup at 6AM, General entry at 8AM.

Buy and sell new and used Amateur and Computer
equipment and Software. Pick up that bargain
you have been waiting for. Sell or trade that
equipment that is just laying around the shack.

Tickets are $4 in advance 5$ at the door. Tables
are $8 each. Make sure to reserve yours, they are
selling fast.

Directions: Unity Christian High School is located at
3487 Oak St. in Hudsonville, MI. From M-21 (Chicago Dr.)
Head north at 32nd Ave, Turn left to Oak St. From
I-196, use Exit 62 at 32nd Ave, Go 1.4 Miles to Oak St.
and turn left to the school.

Talk In 147.260 & 444.4 CTCSS 94.8 The W8DC Repeater

For advance tickets or table reservation contact,
GRARA, C/O SuperSwap '96, PO Box 1248,
Grand Rapids, MI 49501 or
Call Dave Devos at 616-698-7022

2493. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: Jim Conn <jconn@gte.net>
Message-ID: <32304A92.7311@gte.net>
Source record: 217357
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

John Nelson wrote:
>
> Michael P. Deignan wrote:
>
> > So we should base what the ARS does on what happens in other services?
>
> Well, I guess we've settled another one. The ARS is, in fact, the only
> place where CW is used anymore.
>
> To answer your question, yes, we should base what the ARS does on what
> happens in other services. The others have found it useless. Most
> prospective members of the ARS do likewise. The other services are
> developing a voracious appetite for spectrum. The other services are
> working hard to get as much throughput out of their investment in
> equipment AND spectrum as possible. The ARS is doing precious little of
> any of this. Whatever happened to "developing the art"?
> >
> > Should area gun owners all get automatic weapons now because the local
> > police are?
>
> You disappoint me.

Why are some people so concerned about removing the morse requirment because of the "threat" that other services will take our spectrum? I know of no such threat to the HF spectrum. The spectrum being threatened is that spectrum already available to "no code" license holders. So get on up there and "develop" and "grow" and "use" to your hearts content.

Why are the majority of packet stations still using archaic 1200 baud, when all those "technically expert" no-code technicians are licensed up there? Compared to the state of the art, morse is no more outdated than 1200 baud packet. Why aren't these self-proclaimed technical gurus running the "high speed digital modes" on VHF/UHF they say they would implement on HF, if only it weren't for the code testing requirement keeping them out? I think those 56KB high speed digital modes would be less of a technical challenge on UHF than HF. Faced with the challenge of upgrading the archaic packet modes on VHF and UHF, I'm surprised that any of them would even give a moment's consideration to HF. They should be too busy implementing all these technical breakthroughs they are keeping up their sleeve until the morse requirment is eliminated.

When they prove they can accomplish these wondrous "high speed digital" feats on UHF/VHF, they might be able to convince me they have a shot at

pulling it off on HF.

73,

Jim - AD4VL

2494. Re: Packet software

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: stan@mutadv.com
Message-ID: <50p9fs$9l8@news-2.csn.net>
Source record: 217358

In article <50dcf3$5rh@pandora.vision.net.au>, jklop@southcom.net.au says...

>Is there any good packet software that works with Win 3.1 or Windows 95.

If you are using any of the Kantronics TNCs, you're in luck! Download KaWin from the KaWin Home Page (below) and give it a try. You'll be pleased.

Stan
--
Stan Huntting, KF0IA
Email: stan@mutadv.com
Fax: 303 444 2314
KaWin home page: http://www.mutadv.com/kawin/
Postal address: 4655 Pleasant Ridge Rd.,
Boulder, CO 80301-1731, USA

2495. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1DxBE4D.484@netcom.com>
Source record: 217359

In article <50mqe5$8ud@orion.aoc.nrao.edu>,
Dave Finley <dfinley@newshost.aoc.nrao.edu> wrote:
>
> Dave WB7AWK zommbee@nwlink.com, asks:
>
> >"I am ONLY asking how many people ENJOY CW? Now here's
> >the clinker - How many enjoy CW who have only had their tickets for a couple
> >of years or less?"

[delete]

>Without getting into the code-vs.-no-code debate (at least in this post),
>I'd just like to say that if we presented CW as the fun mode that it
>is rather than as bitter medicine that must be swallowed, more people
>would try it and find they like it.
>Dave Finley, N1IRZ

I think you have summarized the problem with CW requirements.
CW could be fun to learn, if CW is your motivation. For many
new hams, myself included, learning CW is a bitter pill to
swallow to achieve voice SSB priveledges.

If CW requirements were restricted to the CW only bands,
the distate for CW would disappear. If one wanted use
of CW bands, one would have to pass the CW test, no need for it on
voice bands.

KB0WOB

2496. Re: The party is over for CB

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: ken.thompson@Symbios.COM
Message-ID: <ken.thompson.1386.00098237@Symbios.COM>
Source record: 217360

>You better hope and pray that the bozo cop who gets dispatched to
>investigate an interference complaint is technically qualified to judge
>what is a CB station and what is a ham station.

She does not have to judge. Just to ask the operator.

> now we are putting them in charge
>of deciding what is legal and what is not?

They are not, the lawMAKERS are.

> How
>will the investigating officer know the difference between a CB linear
>and a 10 meter linear?

By asking the operator?

I think it is great to help get the CB problem into local hands more inclined
to use it for a revenue source.

2497. Re: Beat the pile-ups>>Cyberscheds now Available @ sarrio.com

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep6.125558.11963@ke4zv.atl.ga.us>
Source record: 217361

In article <Dx9Mwt.A61@encore.com> psoper@encore.com (Pete Soper) writes:
>wb6siv@cyberg8t.com (Raymond Sarrio) writes:
>
>>You can now schedule contacts with hams all over the world simply and
>>easily by using the WWW and e-mail.I have set aside a section of my web
>
>I'd like to know what the point of DXing is if it is prearranged? I can
>see it now, just a few years away:
>
>"And I got this DXCC without ever having to turn the frequency knob. Just
>fed my Internet hyper-linker into my 1000MP and used the voice synth/recognizer
>in the PC to make the contacts. Hell, half the contacts were made while I
>wasn't even in the house!"

Indeed, that would seem to be a highly satisfactory state of affairs.
What was the original purpose of Dx awards anyway? As I understand
it, the purpose was to act as incentive for amateurs to upgrade their
stations and technique so as to improve their effectiveness for relaying
messages. Remember the American Radio *Relay* League? That's what they
were about, relaying traffic, and the further each individual link in
the relay chain could successfully operate, the faster a message could
be delivered, because fewer stations needed to handle it. Hence the Dx
programs.

Today, most amateur message relay is automated, so why shouldn't competing
for Dx awards be automated as well? It would continue to serve its original
purpose of improving the stations and technique of amateurs in a relevant
way. That said, however, use of non-amateur means to enhance scores would
be counterproductive to the objective of the competition. So use of the
internet to schedule contacts would appear to be a bad idea. Use of things
like the PacketCluster, however, which are purely amateur networks, would
seem to be entirely in keeping with the purpose of the Dx award programs.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2498. Re: Wiring new house...

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep6.133501.12129@ke4zv.atl.ga.us>
Source record: 217362

In article <322F2DEE.741C@staffnet.com> Bob Lewis <rlewis@staffnet.com> writes:
>Rob Roy Jones wrote:
>> My wife and I are having a house built and it's almost at
>> the point where they can begin sheetrock. My question is
>> this. My shack will be in the study on the second floor.
>> I have the opportunity to run coax from the study to the
>> outside. I'm going to do my best to keep it from other
>> wiring. I also was planning on putting a plate on the
>> outside wall with an SO-239 (?) connector so I could
>> just hook up whatever I decided to string up as an
>> antenna.
>>
>> Has anyone done this before and am I going on the right
>> track? We've installed Kool-Ply (tm) in out attack so
>> I don't really think an attic antenna is in order.
>>
>> I'd appreciate any feedback on this. Thanks!
>
>I put in a run of PVC electrical conduit so I can pull new cables as
>needed. The cost of PVC is cheap compaired to the house. Bigger is
>better.

This is an excellent plan. Install at least one conduit, and preferably several, as large as will fit in the wall, now. Put a good quality rot proof pull rope in each conduit. You *will* want more wires later, and you *will* have to replace existing coax from time to time. Terminate each end with a bulkhead panel. This can also serve as your station single point. Use panel mount suppressors as feedthroughs.

Also now is the time to install the phone system wiring the *right* way. Don't daisy chain your phone wiring, star connect it back to a central wiring closet (do the same with CATV wiring). Make sure you make provisions for *plenty* of outlets. When your wife decides to move the furniture, you don't want to have to string cords across the room to reach an outlet. And if you add a second or third phone line later, it'll be a cinch to assign it to the proper outlets by just changing a wire on the punchdown block in the wiring closet. This will cost very little extra now, but it will save huge amounts of aggravation later.

And now is the time to make sure the ham station is on its own power subpanel, installed *in the shack* adjacent to the coax entry bulkhead. You *will* want more power some day, perhaps to run that linear you've dreamed about, and you *do* want to be able to ground window your station for lightning protection.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2499. Ham Radio as an *ENJOYABLE* Hobby

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: mpenner@cloud9.net
Message-ID: <323046D7.358D@cloud9.net>
Source record: 217363
Cross-posted to: rec.radio.amateur.digital,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.dx,rec.radio.amateur.policy,rec.ham-radio.swap,rec.ham-radio.packet

The QSY Society, a new Amateur Radio Organization for the Putnam,
Dutchess and Westchester area will hold its first meeting on Wednesday,
September 11, 1996, 7:30 PM, at the Carmel Ambulance Corps Headquarters
on Vink
Drive in Carmel, NY. (Behind the Carmel Firehouse on Route 52)

The primary goal of the group will be to fill an existing void by
providing an enjoyable forum for the discussion of technical, operating
and social topics of interest to radio amateurs.

Join us and share the Amateur Radio Experience.

73.......

N2YCR

2500. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: Jim Conn <jconn@gte.net>
Message-ID: <3230707A.770@gte.net>
Source record: 217364

charles copeland wrote:
>
> In article <50mqe5$8ud@orion.aoc.nrao.edu>,
> Dave Finley <dfinley@newshost.aoc.nrao.edu> wrote:
> >
> > Dave WB7AWK zommbee@nwlink.com, asks:
> >
> > >"I am ONLY asking how many people ENJOY CW? Now here's
> > >the clinker - How many enjoy CW who have only had their tickets for a couple
> > >of years or less?"
>
> [delete]
>
> >Without getting into the code-vs.-no-code debate (at least in this post),
> >I'd just like to say that if we presented CW as the fun mode that it
> >is rather than as bitter medicine that must be swallowed, more people
> >would try it and find they like it.
> >Dave Finley, N1IRZ
>
> I think you have summarized the problem with CW requirements.
> CW could be fun to learn, if CW is your motivation. For many
> new hams, myself included, learning CW is a bitter pill to
> swallow to achieve voice SSB priveledges.
>
> If CW requirements were restricted to the CW only bands,
> the distate for CW would disappear. If one wanted use
> of CW bands, one would have to pass the CW test, no need for it on
> voice bands.
>
> KB0WOB

Hi Charles,

I appreciate your candor. You come right out and say, you want HF
priviledges, but don't want to learn morse to get them. That is an
honest objection against learning morse. I felt the same way as you
once.

As a young boy back in the fifties, I wanted to be a ham very much, but
did not know morse, and personally, resented having to learn
it to get what I wanted: to work AM (it was before SSB was common). I
hated it, fought it, but finally gave in and learned it.

I would never have learned morse if I hadn't been required to do so. I
would have missed out on one of the greatest delights of ham radio if I

had been allowed to get on the air without it. It is a fact that some things you only come to appreciate through experience . . . but that fact is something you also only learn through experience.

Morse has a huge following in amateur radio, so knowledge of it should continue to be a testing requirement.

73, and good luck,

Jim - AD4VL

2501. Re: The party is over for CB

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <50pgoi$aol@abyss.West.Sun.COM>
Source record: 217365

In article <ken.thompson.1386.00098237@Symbios.COM>,
do not send junk e-mail <ken.thompson@Symbios.COM> wrote:
>>You better hope and pray that the bozo cop who gets dispatched to
>>investigate an interference complaint is technically qualified to judge
>>what is a CB station and what is a ham station.
>
>She does not have to judge. Just to ask the operator.

"Hi sir, are you breaking the law?"

[...]

>> How
>>will the investigating officer know the difference between a CB linear
>>and a 10 meter linear?
>
>By asking the operator?

I don't suppose you know any police officers. Maybe, if you ever
get a chance to meet one in a casual situation, ask the officer
how many times they get lied to. You might be surprised - there
are a great many people out there that lie to police officers, so
police officers usually have to guess at what the truth is.

>I think it is great to help get the CB problem into local hands more inclined
>to use it for a revenue source.

That is a pretty naive perspective.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

2502. Alpha Bravo phonetics: the quickie version

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: Brian.Kelk@cl.cam.ac.uk
Message-ID: <50pj8h$c9e@lyra.csx.cam.ac.uk>
Source record: 217366
Cross-posted to: alt.usage.english,sci.lang,rec.radio.amateur.misc,rec.radio.info

Phonetic Alphabets (Alpha Bravo etc)
(brief version)

There is a widely known alphabet Alpha Bravo ... Yankee Zulu.
Such alphabets are variously known as phonetic alphabets,
radio alphabets, spelling alphabets and telephone alphabets.

I have a collection of alphabets for many languages which
I post occasionally, but as that now amounts to many hundreds
of lines I here post a brief sample.

Following discussions last year the full collection is not
now posted to alt.usage.english (but see below for how to
obtain a copy by FTP).

Brian Kelk bck1@cl.cam.ac.uk
6 September 1996

That famous alphabet:

Alpha Bravo Charlie Delta Echo Foxtrot Golf Hotel India
Juliet Kilo Lima Mike November Oscar Papa Quebec Romeo
Sierra Tango Uniform Victor Whiskey Xray Yankee Zulu

(It is approved by various official bodies but note the
variant spellings Alfa Juliett Juliette Oskar Viktor.
It dates from about 1955 and is used in air traffic control,
amateur radio and many other circumstances.
One of its titles is the NATO Phonetic Alphabet.)

An earlier alphabet (used by U.S. Navy up to 1954):

Able Baker Charlie Dog Easy Fox George How Item Jig King
Love Mike Nan Oboe Peter Queen Roger Sugar Tare Uncle Victor
William X-ray Yoke Zebra

A French alphabet:

Anatole Berthe Ce'lestin De'sire' Euge`ne Franc,ois Gaston
Henri Irma Joseph Kle'ber Louis Marcel Nicolas Oscar Pierre
Quintal Raoul Suzanne The're`se Ursule Victor William Xavier
Yvonne Zoe'

A German alphabet:

Anton Berta Caesar Dora Emil Friedrich Gustav Heinrich Ida
Julius Kaufmann Ludwig Martha Nordpol Otto Paula Quelle

Richard Siegfried Theodor Ulrich Viktor Wilhelm Xanthippe
Ypsilon Zacharias

A"rger O"konom Schule U"bel

Two Spanish alphabets:

Antonio Barcelona Carmen Chocolate Dolores Enrique Francia
Gerona Historia Ine's Jose' Kilo Lorenzo Llobregat Madrid
Navarra N~on~o Oviedo Pari's Querido Ramo'n Sa'bado
Tarragona Ulises Valencia Washington Xiquena Yegua Zaragoza

Amalia Beatriz Carmen Domingo Enrique Federico Guatemala
Honduras Ida Jose' Kilo Lima Llave Me'xico Nicaragua N~on~o
Olimpo Pablo Quito Rafael Santiago Teresa Uruguay Venezuela
Washington Xilo'fono Yucata'n Zorro

An Italian alphabet:

Ancona Bologna Como Domodossola Empoli Firenze Genova Hotel
Imola Jersey Kilo Livorno Milano Napoli Otranto Palermo
Quaderno Roma Savona Torino Udine Venezia Washington ics
York Zurigo

For more details and more alphabets see the full list, which
is posted at intervals to sci.lang, rec.radio.amateur.misc
and rec.radio.info; it is now also crossposted to various
*.answers groups. On the World Wide Web you can find copies
of the postings and some further material at:

<http://www.cl.cam.ac.uk/users/bck1/menu.html>

The main posting is also available at:

<http://www.columbia.edu/~fuat/cuarc/phonetic.html>

<ftp://rtfm.mit.edu/pub/usenet/news.answers/radio/phonetic-alph/full>

<ftp://ftp.cs.ruu.nl/pub/NEWS.ANSWERS/radio/phonetic-alph/full>

Brian Kelk
Cambridge
U.K.
bck1@cl.cam.ac.uk

2503. Re: Info-Hams Digest V96 #1006

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: jjc@infi.NET
Message-ID: <2.2.16.19960906123827.09af9804@mailhost.infi.net>
Source record: 217367

At 04:21 PM 9/5/96 PDT, Info-Hams Mailing List and Newsgroup wrote:

>Date: 5 Sep 1996 11:40:22 GMT
>From: jdow@BIX.com (Joanne Dow)
>Subject: INMARSAT COMMS
>
>In article <322E3355.2586@ucbeh.san.uc.edu>,
> Steve Kramer <kramersj@ucbeh.san.uc.edu> wrote:
>>Does anyone know FOR SURE if INMARSAT carrys any nbFM voice?
>>Has anyone heard nbFM on INMARSAT?
>>
>>I have heard INMARSAT digital stuf using and R-7000 a preamp and a 4ft
>>fiberglass dish. But this was only temporary and it was quite cold
>>outside!!!
>
>No narrow band FM on Inmarsat I am afraid. Inmarsat-A uses a "medium"
>bandwidth FM, I believe. (I never had occaision to really look into it
>when I was working Inmarsat-M stuff, to tell the truth. Signal to noise
>and bandwidth considerations suggest it is a 50kHz or so deviation.)

You can receive INMARSAT-A quite easily with an R-7000/R-7100 type setup. I use a 1 Meter dish with a dipole feed (don't really need circ with the gain I have). This is connected to a 34db pre-amp (sub 1db noise fig) at the feed and drives the R-7100. The "A" voice channels are quite intelligible using either the Narrow or Wide FM selection on the receiver.

The easiest way to align a system live on the bird is using the AFRTS Feed on 1537 Mhz (1.537 Ghz). It is always active and to my knowledge the only way the general public can receive AFRTS. This is how the Navy gets the Armed Forces Radio and Television audio feeds to the ships worldwide. To my knowledge all the birds have this feed. I have personally verified that AOR-W and AOR-E (Atlantic Operating Region East and West) birds have this feed active.

..Jim

<:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:>
<:> Jim Conrad - Ocean View Communications - jjc@infi.net <:>
<:> 757-490-8217 Office - 757-587-8251 Fax - 757-473-6740 Pager <:>
<:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:>

2504. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: Hank Oredson <hank_oredson@mentorg.com>
Message-ID: <32306768.69FB@mentorg.com>
Source record: 217368
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

Christopher K. Greenhalgh wrote:
>
> In article <Dx82ou.Co9@pe1chl.ampr.org> rob@pe1chl.ampr.org (Rob Janssen) writes:
>
> >It only IS 9600 baud ready in YOUR opinion, and possibly Kenwood's.
>
> [subtle insults snipped]
>
> No Rob...thats a fact. Want to come over to my house? It spewing data
> as we speak at 9.6k.

With a TXD of 1.4 second, "spewing" is probably EXACTLY the right word!

2505. Re: Burbank, CA a "dead" zone for VHF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: jaminge@pb2esac.esac.pacbell.com
Message-ID: <50pkgq$68s@gw.PacBell.COM>
Source record: 217369

In article <50lu0m$1ae@news.hawaii.edu>,
Jeffrey Herman <jherman@Hawaii.Edu> wrote:
>In article <Dx81Gz.E7r@scn.org>, James Aeschliman <bb840@scn.org> wrote:
>>Yes, it's at the east edge of the San Fernando Valley. Santa Monica
>>mountains are directly south
>
>You mean due west!
>
>KH2PZ

Well, don't look for a horizon to the South or East, either.
It's just a question of which mountains you mean. Is Griffith Park
or Mount Hollywood part of the Santa Monicas?

-John, AC6VV

2506. Amateur Radio gets good press in AZ

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: n7ory@primenet.com
Message-ID: <50pmpf$nht@nnrp1.news.primenet.com>
Source record: 217370

Durring the 10pm news on channel 10, KSAZ TV here in Phoenix, Arizona, they had a brief report on Amateur Radio and Emergency Volunteers envolved with Hurricane Fran.

For the most part, this segment was 80% Red Cross, and 20% Amateur Radio. However, the information given was supportive and affirmative toward Radio Amateurs and the invaluable service that they provide to their communities.

It featured a local op, with his rig tuned to 14.335, discussing aspects of the service to a reporter. An station could be heard from the rig thanking another operator for some information he received. The message given was that when regular means of communications go down, Amateurs are the only reliable means of communications in and out of troubled spots.

It is good to see such press in light of recent events here in the valley, such as the 3 guys busted in Mesa, and the recent NAL issued to Tim Hoffman in Phoenix.

My thanks to KSAZ and the volunteers that brought this about.

Rob Neff (N7ORY)

2507. Re: Ham Radio as an *ENJOYABLE* Hobby

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: Dick Flanagan <dick@merlin.libelle.com>
Message-ID: <32306072.606@merlin.libelle.com>
Source record: 217371
Cross-posted to: rec.radio.amateur.digital,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.dx,rec.radio.amateur.policy,rec.ham-radio.swap,rec.ham-radio.packet

mpenner@cloud9.net wrote:
>
> The primary goal of the group will be to fill an existing void by
> providing an enjoyable forum for the discussion of technical, operating
> and social topics of interest to radio amateurs.

What a novel idea! :^) Here's hoping it catches on.
--
Dick Flanagan, W6OLD - (dick@merlin.libelle.com) - Minden, Nevada

2508. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDxBov2.7JJ@netcom.com>
Source record: 217372

I have been a ham for 30 years now, and have always enjoyed CW. I was eligible to join QCWA at the "old" age of 43, and did join last year.

I have enjoyed CW so much over the years, that I recently became a low-power (QRP) enthusiast and joined several QRP clubs as well as FISTS, a society for the preservation of code. With the QRPers it's almost all done with CW, plus these folks hold good operating procedures in high regard. This is also one of the last enclaves of homebrewing, something I've enjoyed through many a Heathkit.

In our club, we have a few new hams who are upgrading, and I don't hear them complaining about learning the code. It may help that we offer code and theory classes at the clubhouse every Wednesday evening, and have set up a Technical/Operations Committee to introduce newcomers to contesting, DXing and VHF weak-signal work.

I would be willing to go for a no-code (or maybe 5 wpm; that isn't asking that much) HF license, provided that there was no encroachment on the CW portions of the bands, ever. My own theory is that, when the phone bands become even more crowded, human nature says that there will be a grab for the CW portions of the band.

73 de Jim - KF6CR

2509. 200 channel Realistic Pro 2022 Scanner

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: jk4695@dorsai.org
Message-ID: <323070b8.845871@news.dorsai.org>
Source record: 217373
Cross-posted to:
ny.forsale,misc.forsale.non-computer,alt.radio.scanner,nj.forsale,rec.audio.marketplace,rec.radio.scanner,rec.radio.amateur.misc

For sale - Programmable scanning receiver. Direct access to over
32,000 frequencies. Covers 30 - 54 MHz, 108 - 136 MHz, 136.005 - 174
MHz, 380 - 512 MHz, 806 - 823.9375 MHz, 851.1125 - 868.9375 MHz, and
896.1125 - 960 MHz.
Covers police, fire, aircraft, ham, government, business, commercial,
marine, trains, ambulances, etc.
Perfect condition, $150.00. Will supply more information if
interested. Please inquire by email.

2510. Re: Vanity Call - Gate 2 - Questions?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDxBpHn.8M0@netcom.com>
Source record: 217374

Greg Taylor (g-taylor4@tamu.edu) wrote:
: Getting caught up on the mail and see gate 2 has been announced so I need to get
: my act together.......

: I see the announcement states "each call sign must be one designated for the Region
: of your mailing address as follows: one of the contiguous 48 states - Regions 1 - 10"
: I'm having trouble interpreting (as usual) what the government means here.
: Does this mean I'm restricted to my call area of my address? I thought that
recommendation
: got denied and you could apply for a call sign in any area 1- 10....which may be what
this
: statement means.

Yes, you can apply for any available callsign in areas 1-10, if you live
within the 48 contiguous states. The intent was to keep us "mainlanders"
from applying for callsigns intended for Alaska, Hawaii and the US
possessions and territories, which are already in short supply.

A couple of Extras at the local club got their former callsigns, one from
5-land and one from 7-land, even though they live here in the 6th call area.

: Also, had seen something somewhere about submitting via FEDEX but there being a trick to
: it since FEDEX only goes to physical addresses and not POBs. Could someone refresh my
: memory......

Doesn't that bank have a physical address as well?

73 de Jim - KF6CR

2511. Re: Alpha Bravo phonetics: the quickie version

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: jlundell@resilience.com
Message-ID: <jlundell-ya023060040609961359380001@nntp.best.com>
Source record: 217375
Cross-posted to: alt.usage.english,sci.lang,rec.radio.amateur.misc

A guy I worked with some 20 years ago (Tom Pittman of Tiny Basic near-fame; anyone have an email address?) used a phonetic alphabet for the hexadecimal digits A-F; I don't remember any but Ernest & Frost. It may have been his own invention; ever come across it?

--
Jonathan Lundell
jlundell@resilience.com

2512. Ionospheric cross-modulation (Luxembourg effect)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: ianls@patrol.i-way.co.uk
Message-ID: <50q9rh$crf@lira.i-way.co.uk>
Source record: 217376

Does anyone know where I can find more information regarding
ionospheric cross modulation (also known as the Luxembourg Effect).
This is the transferring of the modulation from one transmission to
another in the ionosphere. First noticed in the 1930s and generally
MWstations onto LW - or is it the other way around?!!
Thanks,
Ian
ianls@patrol.i-way.co.uk

2513. Worked South America Award

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: Tom Hoke <tomcat@hic.net>
Message-ID: <3230A37B.443@hic.net>
Source record: 217377

Checkout:
http://www.hic.net/tomcat/Index.shtml
when you have a moment!

73s,

K5ODZ

tomcat@hic.net

2514. Re: Who actually ENJOYS CW and could care less about

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: rlubash@poco.mv.com
Message-ID: <DxBppn.D7A@mv.mv.com>
Source record: 217378

In article <50le25$6oa@texas.nwlink.com>
zommbee@nwlink.com (zommbee) writes:

> How many enjoy CW who have only had their tickets for a couple
> of years or less? I get the impression from reading these newsgroups that
> only us 'old timers' (I've been licensed for 22 years and I'm 35 years old)
> actually LIKE CW, that ALL newcomers HATE it, and resent being told they
> have to learn it. Is this true? Or do newcomers LIKE code? and USE it?

Dave,

I had a license when I was a kid (I'm 49 now) and I never got my
general
because I didn't want to take the time to get to 13wpm, *I wanted to
talk
on the radio*. I operated some cw till the license expired. When I
decided
to get back into ham radio last year I had to start from scratch to
learn the code. I got my tech plus and spent hours on HF CW and had a
blast. It
was relaxing and the people I met were all friendly. I had some great
conversations (sore wrist for days) and felt like I had learned a new
language. When I went for my general I tried the 20wpm as a warm up and
to
my surprise passed it!!

Now I work all modes and don't do CW as much but it is still a good
friend.
If I can't find a QSO on Pactor RTTY or SSB because of poor conditions
I
can almost always get things going on some band on CW. To this day I
have
not met a rude person on CW. I had to learn it and probably would not
of if
it wasn't required but now I really glad that I did. I'm not inferring
that
it should be or shouldn't be a requirement but I feel there is a lot to
be
said in favor of the mode.

73

Richard N1VXW

Richard Lubash
N1VXW
email rlubash@poco.mv.com

2515. DX Finder

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: Tom Hoke <tomcat@hic.net>
Message-ID: <3230A4F4.6152@hic.net>
Source record: 217379

Checkout:
http://www.hic.net/tomcat/Index.shtml
and you will discover a spreadsheet that does everything but back
flips while it provides you with everything you ever wanted but
didn't know who to ask! You enter your longitude and your latitude,
and the spreadsheet gives you data in alphabetical order by prefix
for every ARRL DX Country, along with country names, latitudes and
longitudes, direction to turn your beam (for once you will know
where to point it!), and the distance away for every country in the
world in miles and in kilometers. (No, it does not predict the weather,
but it could be "easily adapted" for marine use.....

73's & gud DX,

K5ODZ
(x-HC1TH)

2516. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <50q5u6$e4s@jupiter.planet.net>
Source record: 217380

> kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:
> In article <50nufc$p18@news.ais.net>, <carl@ais.net> wrote:
>
> >Consider the following ... if we had more technically-inclined, skilled
> >individuals (like those being turned off by the CW testing) packet would
> >have progressed beyond its "dark ages" (1200/9600) and real networks
> >might be in place by now.
>
> Nice try, but its a non-sequiter.
>
> These "high speed chat modes" would all be occuring on VHF+. A codeless
> tech license is available that gives free access to all those bands.
>
> If these wiz-bang techno-geniuses that would be developing this
> technology were at all really interested in amateur radio, they'd be
> on the air, today, experimenting with what you describe, using the
> license class that already exists for exactly that purpose.
>
>
> MD
> --
> --
> -- "I have more guns than I need, and less guns than I want." -- Phil Graam
> --
> -- If you don't like my opinions, that's just too damn bad.

EXACTLY !!!!

2517. About freq counters ??

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: author@poboxes.com
Message-ID: <50ppm1$bk6@hawk.branch.com>
Source record: 217381

I am looking for some info on freq counters. Are there differnet types? Do some only check freq on TX? Is the Rat Shack model any good? It had a telescopic antenna. Could a probe be connected on to this jack and used in internal componets in a radio? How far away do the ext. antenna kind work? I've seen some that are part of a power,mod,rf meter. Are these any good? This would only work on TX, right? Thanks for any info.

Ryan

2518. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: Hans K0HB <71111.260@CompuServe.COM>
Message-ID: <50pu5u$m9$1@mhafn.production.compuserve.com>
Source record: 217382

Since most of these conversations seem to start with a tone
of "Put away the gun, and we can talk", it is nice to see
your thoughtful question.

Personally, I enjoy the use of Morse, and in fact was
initially drawn into amateur radio (in the 1950's) by
the idea of conversing with distant places in a sort
of "secret code". Perhaps this was a function of my
rural upbringing in the piney-woods, but the "romance"
of faraway places (even after 21 years as a blue water
sailor) still grabs me.

Yes, I know you can talk to "far away places" on phone,
digital, and even visual modes, but somehow a whispery
thin Morse signal adds to the "ambience". Yes, in
many cases the conversations are painfully slow, but
maybe that also is part of the attraction.... it tends
to focus your thinking down to topics which reflect
what you feel is "important" about yourself (age,
how many kids, etc.).

--
73, de Hans K0HB
--If you go flying back through time and you see somebody else
flying forward into the future, it's probably best to avoid
eye contact.

2519. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: wdr@world.std.com
Message-ID: <DxBqG8.40o@world.std.com>
Source record: 217383
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <505soo$kcn@news.ais.net>, <carl@ais.net> wrote:
> In <502ken$136o@mule2.mindspring.com>, thompson@atl.mindspring.com (david l. thompson) writes:

> >I think non-member views are being considered. Anyone can fillout the

> Only "members" get QST (where the survey was printed) ...
> supposedly some non-members were mailed a copy, but I've not heard of
> any proof of that ...

Before I joined, I bought QST at Barnes&Noble and at the tobacco-shop at the mall and at the Out of Town News kiosk in Harvard Square. Non members do receive it, they just can't subscribe unless they're a library, under combined IRS/Postal regulations which would render the magazine a taxable subsidiary.

I would like to see a list of the other 7 proposals... not that I think they need to survey us on our thoughts on the Little LEOs (one could wish they had before calling for a hate-mail campaign, which might convince Uncle Charlie to yank some spectrum to give us a spanking).

73 de N1VUX
Bill Ricker wdr@world.std.com http://world.std.com/~wdr n1vux@amsat.org
QST TO ALL NO-CODERS: VOTE IN YOUR ARRL SECTION AND DIVISION ELECTIONS!
WE CAN MAKE A DIFFERENCE IN ARRL POLICY IF WE JOIN AND VOTE!

--
Bill Ricker N1VUX wdr@world.std.com "The freedom of the press belongs
http://world.std.com/~wdr to those who own one."--A.J.Liebling

2520. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <50pmv8$eub@freenet-news.carleton.ca>
Source record: 217384

charles copeland (charles1@netcom.com) writes:

====== snip ======
>
> I think you have summarized the problem with CW requirements.
> CW could be fun to learn, if CW is your motivation. For many
> new hams, myself included, learning CW is a bitter pill to
> swallow to achieve voice SSB priveledges.

Actually in Canada anyways, you have only to learn 5wpm for 80m & 160m.
Plus 2m allmode you can work all different sorts of modes. But I agree
for REAL HF privileges you need CW

>
> If CW requirements were restricted to the CW only bands,
> the distate for CW would disappear. If one wanted use
> of CW bands, one would have to pass the CW test, no need for it on
> voice bands.
>
> KB0WOB
>
>

--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

2521. Re: Which is better CB or Ham radio?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: dwittich@concentric.net
Message-ID: <50qbsp$boc@herald.concentric.net>
Source record: 217385

>> Isn't CB radio much better and cheaper?

>It is cheaper but so is the character of the people.
>

I would beg to differ, especially as regards the constant attacks that
I read here and in Fidonet.

I think what you say may be true on the air, except for certain
frequencies, both HF and VHF, but the bulk of the messages in here
portray something completely different. In fact, I find the attacks
and slurs here reprehensible. It makes me ashamed to be associated.

Doug Wittich
N3VEJ/127

2522. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: w9sz@prairienet.org
Message-ID: <50qde3$kn8@vixen.cso.uiuc.edu>
Source record: 217386

In a previous article, kla@helios.augustana.edu (Kevin L. Anderson) says:

>Dave,
>
>I enjoy CW. It is my only mode. The only equipment I own is
>CW only (first a Heath HW-16, now a Ten Tec Century 22).
>I was first licensed three years, first as a Novice and
>have now upgraded to General. Working toward Extra and
>20 wpm. 15wpm is comfortable for me, and I can tell when
>I've been off the air for a week or two. I am 37, and
>was first interested in radio 20 years, when it again
>was CW that attracted me. At the local field day, I
>always gravitate toward the 40m CW trailer; somehow those
>phone QSOs don't attract me, and I am forever confusing
>Sierra, Tango, Alpha, etc. I love CW despite the fact
>I must keeping working at it.
>
>The enjoyable facts. Cheers/73. Kevin Anderson, KB9IUA
>Rock Island, Illinois USA
>

I also enjoy CW immensely. As my personal preference it's my favorite mode, although I do a little of everything except ATV. (And I'm interested in that too.)

I could copy 55 wpm about 25 years ago. Then I had about a 15 year hiatus from ham radio (still licensed but inactive.) When I got back on I was pleased to find out I could still copy about 40 wpm with no trouble! A couple months and I was back up to 55 wpm. (I guess I classify as an OLDE FAHRT even though I'm only 43; I've been licensed 29 years.)

Some of my most memorable QSO's have been on CW; the 6-hour ragchew to classify for the "Real Ragchewer's Club" (Is that still around?) and intriguing chats with DX stations that led to a greater appreciation of their culture. Some of my greatest thrills were hearing my call being sent in CW on "new bands" for me such as 1296 and 2304 MHz. I have also heard the weird amd fascinating sound of my own distorted CW signal coming back as an LDE on 20 meters.

So for those of us that enjoy it, let's keep using it! See you on the bands!

73, Zack W9SZ
--

2523. IPS Daily Report - 06 September 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <50qbf7$rbh@flare.syd.ips.oz.au>
Source record: 217387
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 06/2330Z SEPTEMBER 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE AUSTRALIAN SPACE FORECAST CENTRE
SUMMARY FOR 06 SEPTEMBER AND FORECAST FOR 07 SEPTEMBER - 09 SEPTEMBER

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 70/5

GOES satellite data for 05 Sep
Daily Proton Fluence >1 MeV: 5.2E+05
Daily Proton Fluence >10 MeV: 1.8E+04
Daily Electron Fluence >2 MeV: 1.3E+07 (normal)
X-ray background: A3.2
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
07 Sep 08 Sep 09 Sep
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 07 Sep: 69/3

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: active to quiet.

Estimated Indices : A K Observed A Index 05 Sep
Learmonth 7 4222 1201
Fredericksburg 7 7
Planetary 5 6

Observed Kp for 05 Sep: 2221 1222

2B. MAGNETIC FORECAST
Date Ap Conditions
07 Sep 5 Quiet to unsettled
08 Sep 5 Quiet to unsettled
09 Sep 5 Quiet to unsettled

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band

Date Low Middle High
06 Sep Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
07 Sep Normal Normal Normal
08 Sep Normal Normal Normal
09 Sep Normal Normal Normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
06 Sep 12

Observed Australian Regional MUFs:
Darwin, Sydney, Hobart and Townsville: Near predicted monthly
values.

Predicted Monthly T index for September: 9

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
07 Sep 10 near predicted monthly values
08 Sep 10 near predicted monthly values
09 Sep 10 near predicted monthly values

--
IPS Radio and Space Services | email: asfc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/asfc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
tel: +61 2 94148300 | fax: +61 2 94148331

2524. ARLP037 Propagation de KT7H

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: w1aw@arrl.org
Message-ID: <$arlp037.1996@arrl.org>
Source record: 217388
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB PROP @ ARL $ARLP037
ARLP037 Propagation de KT7H

ZCZC AP57
QST de W1AW
Propagation Forecast Bulletin 37 ARLP037
From Tad Cook, KT7H
Seattle, WA September 6, 1996
To all radio amateurs

SB PROP ARL ARLP037
ARLP037 Propagation de KT7H

Solar activity was down only slightly last week compared to the week previous. Average solar flux and sunspot numbers were each down about a point. Solar flux peaked on the last day of August at 76.2, the highest value since August 4.

Geomagnetic activity quieted down during the week after the disturbances at the end of the month. Quiet conditions should continue until September 19, with the possibility of disturbances peaking around September 25.

Solar flux should decline and drop below 70 after September 10, and rise above 70 again about a week later. It should peak again around the mid seventies around September 23 or 24.

Sunspot Numbers for August 29 through September 4 were 20, 16, 26, 11, 13, 11 and 11, with a mean of 15.4. 10.7 cm flux was 73.5, 73.3, 76.2, 73.5, 72.3, 71.2, and 70.8, with a mean of 73.

This week we are doing a path projection for the All Asia DX Contest from some points in the United States to Japan and Central Asia.

From the East Coast 80 meters looks good to Japan from 0930z to 1030z, and fair to Central Asia around 0000z. 40 meters looks good to Japan around 0930z to 1130z, and to Central Asia from 2330z to 0100z. 20 meters should be good to Japan from 2100z to 2300z, and to Central Asia around 1300z and again from 1530z to 1730z. 15 meters does not look promising, but to Japan check from 2130z to 0030z and Central Asia from 1530z to 1700z.

From the Central U.S. check 80 meters to Japan from 0900z to 1200z and 40 meters from 1100z to 1300z. 80 and 40 do not look good to Central Asia. Check 20 meters to Japan from 2100z to 0000z and to Central Asia from 0130z to 0200z and 1500z to 1730z. 15 meters

looks doubtful, but check Japan from 2130z to 0130z.

From the West Coast check 80 meters to Japan from 0900z to 1400z. Check 40 meters to Japan from 0800z to 1500z and to Central Asia from 1300z to 1400z. Check 20 meters to Japan from 0200z to 0630z and 2100z to 2200z and to Central Asia around 1600z to 1700z and 0100z to 0400z. 15 meters may have an opening to Japan from 2230z to 0300z.

From Alaska check 80 meters from 0900z to 1700z to Japan and 1330z to 1630z to Central Asia. Check 40 meters to Japan from 0730z to 1830z and to Central Asia from 1230z to 1830z. 20 meters may be open to Japan from 2000z to 1000z, but the best signals should be around 2000z to 2100z and again from 0600z to 0730z. The best 20 meter signals to Central Asia should be around 0100z to 0230z. Signals to Asia from Alaska should be much stronger than from other Continental U.S. locations.
NNNN
/EX

2525. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep6.233732.1647@ke4zv.atl.ga.us>
Source record: 217389
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <322FFC04.1224@voicenet.com> agray@voicenet.com writes:
>Face it Carl, amateurs haven't been the "cream of the crop" technically
>in the last 50 years (and are not going to be, unless we turn the hobby
>completely over to the radio "professionals" like you). With some
>notable exceptions, the majority of amateurs are just ordinary people
>who like to communicate via radio. If we all have to be ardent devotees
>of the latest "bleading edge" technology only you, and a few others like
>you, will be around to talk to each other... that is, unless Kenwood,
>Yaesu and the other manufacurers mass produce the stuff for the rest of
>us lesser lights.

Never fear, there is a radio service for hobbyists who only want
to talk to each other and have no interest in the technical aspects
of radio. It's called CB. The amateur radio service is differentiated
from other radio services in only one relevant way. It is the only
service where non-professionals are encouraged to experiment with
radio technology. For those who don't care to do so, there are other
personal radio services.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2526. PIC Keyer

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: Rick Miller <rdmiller@execpc.com>
Message-ID: <01bb9c36$36bddc40$060801c1@eng06.digalogsys.com>
Source record: 217390
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

I've got *working* code for the PIC16C84 to implement an iambic keyer in only
FOUR PARTS:
(1) PIC16C84, which is an 18-pin DIP or SOIC
(1) "ColorBurst" crystal (3.58 MHz) for its clock
(2) small (~22pF, value not critical) capacitors to help the crystal

That's all! NO POTS. When it "wakes up" (power-up or reset) it's in 'menu mode'
and sounds out the menu options in Morse code for you. You browse back and forth through the menu by tapping either paddle, you adjust rate and pitch the same
way. Your current selection is [Enter]'d when you squeeze both. The menu goes like this:

KEY-->Iambic keying, keys the transmitter.
RATE-->Adjust speed.
TONE-->Adjust pitch.
PRACTICE-->Iambic keying, does *not* key the transmitter.
QUIET/SIDETONE-->Toggles sidetone generation from the keyer.

The chip has internal pull-ups on its input pins and debouncing is done in firmware. All configuration options are stored in on-chip non-volatile memory.
The output pin emulates an open-collector output that can sink 25mA.
It needs a DC supply (2.0 to 6.0 Volts DC is fine) and should be capacitively
coupled to your rig's speaker (okay, that's *five* parts with the 0.01uF cap).

Like I said, I've already got this code written and *running*. The problem is that I'm completely new to iambic keying... I have no idea what it's *supposed* to 'feel' like except what I've read in the ARRL Handbook and the Curtis 8044 documentation. That means I'm looking for beta testers!

If anyone is interested in trying this keyer out, just email me: <rdmiller@execpc.com>. If you can program a PIC16C84, I'll send you the HEX file. Otherwise, we might be able to make arrangements to get a pre-programmed PIC16F84 to you. Anyone should be able to come up with the other parts themselves.

Later on, I may offer it as a complete board done in surface-mount which should come out to be a rectangle less than 15mm on a side. By then, the user interface should be somewhat improved and I'll include some Morse memory functionality and beacon-mode operation as well.

Anyone interested?

Rick Miller (kb9obn) rdmiller@execpc.com

2527. How about this

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <50q697$e4s@jupiter.planet.net>
Source record: 217391

No code HF each band has a small sub band within the general portion of it plus a small sub band within the digital areas so that we can experience 56.6 k on HF

should satisfy almost everyone Hmmmm???

steve

2528. Re: A *VERY* SCARY SCENARIO

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: Ben Hines <bhines@sdcc13.ucsd.edu>
Message-ID: <50q6ua$daa@sdcc12.ucsd.edu>
Source record: 217392
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner

Why do I find this hard to believe?.. I am sure you get a lot of people who interfere with your duties, but are you sure they are ALL "scanner junkies" just because they are there?.. have you actually seen scanners in these people's hands?.. I seem to remember other EMTs posting around here that they never have had this happen.

By the way, if my son had died in an auto accident, I would WANT to know RIGHT AWAY.

-Ben

In article <50p5kp$iv0@newsbf02.news.aol.com> TomP EMT, tompemt@aol.com writes:
>As a 5 yr EMS worker, I cant even tell you how many times I have responded
>to MVA's or the like to find some scanner junkie/whacker A. telling me how
>to do my job or B.found that they have compromised crime scenes,
>endangered patients and basically caused more harm than good. This happen
>so regularly its not funny. As a scanner buff myself it bothers me to see
>these people pretending to be cops, medics or firefighters. The reason we
>switch frequencies is not so much the whackers as more for scene security,
>and also confidentiality. We actually had a fatal MVA a few years ago and
>the victims mother and father were notified by a party, who heard on their
>scanner their son was dead!!!!!! This is why we do it.....anyways, just
>thought I would add my 2 cents...Tom

--
bhines@sdcc17.ucsd.edu "You're either in with the lizard people
<http://sdcc17.ucsd.edu/~bhines/> or you're not" - Tori Amos
*** Email address changed to bhines@sdcc17.ucsd.edu August 19 ***

2529. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: kla@helios.augustana.edu
Message-ID: <kla.842047737@news.bradley.edu>
Source record: 217393

Dave,

I enjoy CW. It is my only mode. The only equipment I own is
CW only (first a Heath HW-16, now a Ten Tec Century 22).
I was first licensed three years, first as a Novice and
have now upgraded to General. Working toward Extra and
20 wpm. 15wpm is comfortable for me, and I can tell when
I've been off the air for a week or two. I am 37, and
was first interested in radio 20 years, when it again
was CW that attracted me. At the local field day, I
always gravitate toward the 40m CW trailer; somehow those
phone QSOs don't attract me, and I am forever confusing
Sierra, Tango, Alpha, etc. I love CW despite the fact
I must keeping working at it.

The enjoyable facts. Cheers/73. Kevin Anderson, KB9IUA
Rock Island, Illinois USA

2530. Re: A *VERY* SCARY SCENARIO

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: John Nelson <johnn@pacifier.com>
Message-ID: <3230E977.6C40@pacifier.com>
Source record: 217394
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner

Ben Hines wrote:
>
> Why do I find this hard to believe?.. I am sure you get a lot of people
> who interfere with your duties, but are you sure they are ALL "scanner
> junkies" just because they are there?.. have you actually seen scanners
> in these people's hands?.. I seem to remember other EMTs posting around
> here that they never have had this happen.
>
> By the way, if my son had died in an auto accident, I would WANT to
> know RIGHT AWAY

Typical scanner junkie/whacker point of view. They ALL think that they are "providing a service" with their meddling.

BELIEVE IT! I can't BEGIN to list the reasons why it is BAD for jerk-offs with scanners to make death notifications, or otherwise get involved with somebody else's business (police, fire, ems, etc.).

More to the point, the EMT's in question, whose statement about "...too many hams..." started this thread, were doubtless concerned about patient confidentiality and didn't want to broadcast sensitive information that they knew the legions of scanner-heads would hear. That they equate hams with other parasitic forms of radio-user life forms, such as the scanner-head, is a sad statement about the hams' current public image.

2531. This Week in Amateur Radio #180 (for air through 9/13/96)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: "Stephan M. Anderman" <sanderman@delphi.com>
Message-ID: <RLDSzmH.sanderman@delphi.com>
Source record: 217395

```
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-
Here is a summary of news items covered on edition #180 of
"This Week in Amateur Radio", North America's satellite-delivered
audio bulletin service, for the week ending 13-Sep:
-
1. Amateurs on the Atlantic Coast Prepare for Hurricane Fran
2. Storm Allows Lucid to Linger a Little Longer aboard Mir
3. ARRL CAC Ponders New Contest for Novices and Technicians
4. Weekly Propagation Forecast
5. "Ancient Amateur Archives" with Bill Continelli, KE2XB
6. Special Event Station Calendar
7. "The RAIN Dial-up" from Chicago
8. "Gateway 160 Meter Net Report" with Vern Jackson, WA0RCR
9. Another Changing of the Guard in the ARRL's Hudson Division
10. League Board Upholds Election Committee Ruling on K2PBP
11. Tom Hogarty, KC1J, Moves to ARRL RIB Position from VEC
12. John P. Alexander, K6SVL, ARRL DXAC Member, SK at Age 73
-
Funding for the program's transmission and production expense was
provided this week by a grant from Mike Reynolds, W0KIE, of Tulsa,
Oklahoma, and the W0KIE Satellite Network, which carries "This Week
in Amateur Radio" to affiliates throughout North America.
-
"This Week in Amateur Radio" is a weekly amateur voice bulletin
service, produced by Community Video Associates, Inc., a New York
State not-for-profit corporation based in Albany, NY. The program
is heard on the "W0KIE Satellite Network" each Saturday at 9:00 PM
(EDT) on the Hughes Communications SBS-6 commercial communications
satellite, transponder 13B upper, located at 74 degrees west
longitude in equatorial geosynchronous orbit. The transponder
center frequency is 12.019 GHz; tune up in frequency to 12.031 GHz.
Program audio is on the 6.2 MHz analog subcarrier and carried on
VHF/UHF repeaters throughout North America and on 160 meters at 1860
kHz. Contact your local amateur radio club or repeater operator if
"This Week in Amateur Radio" is not being heard in your area.
-
Production and transmission expenses are underwritten by donations
from repeater operators, amateur radio clubs, and individuals.
Further information is available from George Bowen, N2LQS, at
```

518/283-3665 (email kxkvi@delphi.com) or Stephan Anderman, WA3RKB,
at 518/664-6809 (email sanderman@delphi.com). You may also reach
them @ WA2UMX.FN32AW.ENY.NY.USA.NA via amateur packet.

2532. Re: Ionospheric cross-modulation (Luxembourg effect)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: w9sz@prairienet.org
Message-ID: <50qdqh$kua@vixen.cso.uiuc.edu>
Source record: 217396

In a previous article, ianls@patrol.i-way.co.uk (Ian Liston-Smith) says:

>Does anyone know where I can find more information regarding
>ionospheric cross modulation (also known as the Luxembourg Effect).
>This is the transferring of the modulation from one transmission to
>another in the ionosphere. First noticed in the 1930s and generally
>MWstations onto LW - or is it the other way around?!!
>Thanks,
>Ian
>ianls@patrol.i-way.co.uk
>
>

Yes! See THEORY OF IONOSPHERIC WAVES by K.C. Yeh and C.H. Liu (I was lucky enough to have them as iunstructors of the course with the same name at the Univ. of Illinois) - pgs. 379-381 in 1972 edition.

This may be a deeper treatment than you wanted, but it explains it very well.

73, Zack W9SZ

--

2533. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep6.224544.1465@ke4zv.atl.ga.us>
Source record: 217397

In article <50le25$6oa@texas.nwlink.com> zommbee@nwlink.com (zommbee) writes:
>Let this be a friendly thread, whether you love CW or hate it. I honestly
>want to know, and would love to read postings (or emails, for that matter)
>from both sides, but mostly from relative newcomers.

Dave, we were all newcomers once. Though I've been licensed 32 years
now, I still remember the first days of my amateur experience clearly.
I've never hated Morse Code, but I can't say I've liked using it either.
It's just a tool, and not a particularly keen one. Given a choice between
a good tool and a poor one, I'll chose the better tool every time.

Despite what you say, throughput does matter, and Morse is clumsy and
slow. Nonetheless, as a Novice I used it (by regulatory fiat), and later
as a General I used it out of necessity as part of my traffic handling
activities. I was net control for our state SSB net, and also served as
liaison to our CW net when no one else could be found to do it. Those nets
are technologically obsolete now (they were then too in truth, even then we
booked traffic from those nets to RTTY for long haul transport, but the
average CW traffic handler didn't want to know about that).

What I hated, and still consider absurd, are the regulations which
require passage of increasingly more rapid manual Morse tests in order
to gain unrelated operating privileges on long haul spectrum. Even
32 years ago there were better techniques than manual Morse, and
today that is even more true. Yet, like the inefficient farmer, the
Morse contingent still wants a government enforced protective tariff
or subsidy in the form of tests unrelated to privileges granted. This
sort of protectionist mentality is abhorrent and makes Morse a mode
on welfare. That I hate.

But I don't hate Morse Code. As a historical artifact of a bygone era,
it is interesting. But as a current day tool, like the buggy whip in an
era of horseless carriages, it is a quaint anachronism. I occasionally
like to visit technological museums, in order to appreciate how far we've
come, but I wouldn't want to have to live with that technology every day.
Manual Morse is not a sharp tool, and it is sharp tools that I want to
perform the communications tasks which I desire to accomplish via amateur
radio.

As absurd as it may seem, people tend to get emotionally attached
to their tools. I consciously try to avoid that, but it is inevitable
that I become enthused about new tools, particularly powerful tools,
which I find useful. I am always looking for better solutions to old
problems, and newer applications to be served. That makes me a
technophile. Thirty two years ago, I thought all amateurs were
technophiles. In recent years I've realized that isn't true. Just

as in society in general, there are technophobes (modern day Luddites) in amateur radio as well. I find that ironic (and not a little disturbing considering the charter of the service), but there it is.

I've always felt that raging against machines, literal or figurative, was one of the highest crimes against humanity. The machine is the embodiment of the finest of human thought and creativity. To rage against that is to rage against what is best in Man. Man is differentiated from other animals because he is the premiere toolmaker on this planet. The development of newer and better tools should be met with joy, and not with hate. Inevitably, old tools are displaced when newer and better ones become available. That should not make us hate the older tool. It once served us as well as it could and deserves an honored retirement.

Let Morse join spark in assuming an honored place in the museum of radio history. And let those whose joy is the re-enactment of history continue to bring it out, dust it off, and play with it from time to time. That is fit and proper. But let the technophile rejoice in the newer and better tools available to him as well. Don't burden him with a re-enactment in which he has no interest and for which he has no need.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2534. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <50qkr2$5cg@anomaly.ideamation.com>
Source record: 217398

carl@ais.net writes:

> Since you agreed with the first statement above, why do you object to
> "putting things right" by eliminating an unnecessary restriction???

I don't believe that the restriction is "unnecessary" nor do I feel that
its elimination is "putting things right".

MD
--
--
-- Guns don't kill people. I kill people.
--
-- If you don't like my opinions, that's just too damn bad.

2535. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: kd1nr@anomaly.ideamation.com
Message-ID: <50qli4$5ee@anomaly.ideamation.com>
Source record: 217399

In article <50l57q$2v4@anomaly.ideamation.com>,
Michael P. Deignan <kd1hz@anomaly.ideamation.com> wrote:
>Now, now. Don't forget our official state motto: What's in it for me?

I just couldn't remember the latin phrase for that one.
>
>#include <godfather_theme_music.h>

Cute - what other anti-Italian theme music do you have around?
>
>You too could have died at a ripe old age of lead poisoning.

Hey just because I chose to live a longer life that shouldn't be held
against me. >
>
>>(I'm not a bigot - I just hate everyone.)
>
>That's my line.

Indeed it is. But I also make it a point to hate everyone. Why not since
most of the world population is so contemptible.

Check out my posting with regard to the Iraqi incident on
the Cafe Dartre/Rant & Rave section of cartalk.com.
>

Tony

--
== Tony Pelliccio, KD1NR
== As offensive as I wanna be.
== kd1nr@anomaly.ideamation.com

2536. Re: Changes to rec.radio.* heirarchy?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <50qlvf$5g5@anomaly.ideamation.com>
Source record: 217400

carl@ais.net writes:

> Jim ... you're right ... they can kill-file it, or simply skip past the
> header without reading the post ...

Newsgroups have charters for a specific reason. To segregate discussion
for the convenience of the community. Attempts to force conversation
from one group to another (off charter) is merely being anti-social.

> I think many of the complainers simply want to squelch the debate by
> burying it in a sub-sub group.

Funny, but I thought .misc and .policy were at the same "sub-sub" level.

> policy is not carried as widely as .misc from my experience ...

There is a reason for that.

> (my old
> ISP didn't carry it), and I've heard by e-mail from many others that
> they don't get .policy either ...

That would tell the average person something. Mainly, they're not
interested in reading about a code/no-code debate.

MD
--
--
-- Guns don't kill people. I kill people.
--
-- If you don't like my opinions, that's just too damn bad.

2537. Re: Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <50qmrl$5h8@anomaly.ideamation.com>
Source record: 217401

carl@ais.net writes:

> So TAPR, AMSAT, and QCWA (amongst others) are "used car salesmen"?
> I can't speak for the QCWA, but I'm convinced that TAPR and AMSAT are a
> hell of a lot more progresive than the ARRL.

Yup. They sold amateur radio a "pig in the poke".

Where are all the techno-geniuses, Carl? There were millions just
waiting to enter the hobby before we created the codeless license.

> Yup ... that's the problem ... and the reason for it is CW, pure and
> simple.

Your opinion. I happen to think that people think talking into a
microphone is passe.

> From what I see here

What you see here is by no means a cross-segment of the amateur
population. I would have thought that an engineer like you would
know about sampling.

> And *I* get accused of being an eletist because I want to bring in
> technically-qualified people ...

Not elitist, Carl. Facts. Watch Dateline NBC or 20/20 sometime when
they do a story on the public's knowledge of their elected officials.

> I suppose you think one should have to be a member of Mensa to get a
> license? (BTW, before you try to take another shot at my general
> intelligence level, FWIW [though I personally don't think it {Mensa,
> that is} is worth much] I qualify easily on that basis).

I'm glad to hear it Carl. Do you race cars and hang-glide too?

> >Please quote one sentence, with the proper context, where I've insulted
> >you.
>
> I told you before, I don't archive your garbage ...

In other words, you can't quote a single reference.

In other words, you fabricate information out of thin air.

In other words, you *lie* when it suits you.

> >Oh yes. Propagation has been just so wonderful lately.
>

> IF *you* knew much about HF, you'd know that 40m should be open long
> distances in various directions at various times of the day

And your point is... what?

MD

2538. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: kd1nr@anomaly.ideamation.com
Message-ID: <50qlto$5fq@anomaly.ideamation.com>
Source record: 217402

In article <50nufc$p18@news.ais.net>, <carl@ais.net> wrote:
>
>As I said in another post, packet radio USER links should be
>ROUTINELY running at 56-64kbps MINIMUM and "backbone" links at T1
>(1.544Mbps) or faster.
>
How I'd love to see packet links at 56KB and higher. I believe the real reason>
reason we don't have links that fast is due to the commercial interests
not the lack of technical skill.
>
Tony

>
--
== Tony Pelliccio, KD1NR
== As offensive as I wanna be.
== kd1nr@anomaly.ideamation.com

2539. *** Interactive Ham Radio Crossword Puzzle A WWW First***

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-0609961901220001@host14.cyberg8t.com>
Source record: 217403

New to the web "Ham Radio Crossword Puzzles". Just link to
http://www.sarrio.com and follow the links to the 1st ever interactive
crossword puzzle for ham radio operators.

The only catch: You must have a Java capable browser to view the
interactive puzzle. Netscape 3.0 and Micrsoft Explorer 3.0 are both Java
Capable.

I am also looking for hams interested in adding their words and clues to
future puzzle. I looking for puzzles written with questions for the
various license class test. These puzzle are a great way to test your
knowledge of the theory before you take the test.

The correct method for writting these crossword clues and word answers is
explained on the Crossword Puzzle page. Check it out and let me know what
how you like it. 73's Ray
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront and web site developer. Located at http://www.sarrio.com.

In association with Brillar Enterprises http://win-win.com/brillar provider of discount CD-Roms!

2540. ARLB058 Comm. Emergency NC/SC

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: karl_dundee@RedwoodFN.org
Message-ID: <1382019038.72490553@RedwoodFN.org>
Source record: 217581

```
SB QST @ ARL $ARLB058
ARLB058 FCC COMM. EMERGENCY

ZCZC AG38
QST de W1AW
ARRL Bulletin 58 ARLB058
From ARRL Headquarters
Newington CT September 5, 1996
To all radio amateurs

The FCC has issued a voluntary communications emergency declaration:
All amateurs are requested to cooperate by recognizing the existence
of a voluntary communications emergency in North Carolina and
therefore relinquishing the use of frequency 3923 kHz plus or minus
5 kHz, for handling emergency traffic resulting from Hurricane Fran.

The FCC also issued a voluntary communications emergency declaration
for South Carolina, recognizing 3993 kHz plus or minus 5 kHz for
emergency traffic.
NNNN
/EX
```

2541. Re: Amateur Radio Awareness Day Program

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: "B.A. Merrill" <plpath@ucrac1.ucr.edu>
Message-ID: <50npp0$80r@noise.ucr.edu>
Source record: 217582

I have to agree--we're promoting Amateur Radio Awareness not internet awareness. Interviews via ham radio media would be more appropriate. If you set up anything via packet, let me know.

BettyAnn, KC6ING

--
****
Computer Resource Specialist
Dept. of Plant Pathology
University of California
Riverside, CA 92521
VOICE: (909) 787-4117
FAX: (909) 787-4294
E-MAIL: plpath@ucrac1.ucr.edu

2542. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: carl@ais.net
Message-ID: <50nt85$p18@news.ais.net>
Source record: 217583

In <50i3pa$l84@news.Hawaii.Edu>, jherman@Hawaii.Edu (Jeffrey Herman) writes:
>Hi Spew,
>I did check callsign.uarl.edu and Karl is listed as a Tech. It didn't
>say Tech Plus. Just Tech.
>
>KH2PZ

I don't care WHAT "callsisgn.uarl.edu" says ... I was a Technician years
and years before there WAS a Tech/TechPlus ... continuously licensed
since 1975 ...

And it's Carl, not Karl ...

Carl - wa6vse
carl@ais.net

2543. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: carl@ais.net
Message-ID: <50nto1$p18@news.ais.net>
Source record: 217584

In <50ihak$2br@jupiter.planet.net>, adell@planet.net (Steve - KF2TI) Landing, NJ writes:

>some people are quite content to aspire to nothingness, to be satisfied
>with sameness (status quo) and Carl has that right
>

Being without CW is not exactly "nothingness" ... unless CW is all that
means anything to one ...

I'm clearly NOT satisfied with the status quo ... I'm promoting change.

>However, when he and his, to use a phrase, Ilk, decide that since we've
>done nothing to deserve it, therefore we must be handed it on a platter
>I must protest.

I've done plenty to deserve it ... I've advanced the state of the art
(patented inventions in the radio art and Technical Innovation award
from NASA (I was in the Communications Systems Research Section at
JPL), and a great deal of public service ham work ...
Just because YOU don't think I've earned it to YOUR satisfaction,
doesn't make it so ... the Rules can, and should, be changed to fit the
times ...

>
>Sure the code is antiquated, so is parallel parking, math without a calculator
>spelling without a spell checker yada yada yada

There's more parallel parking by far than CW in this country ... give me
a break ...

>Remember this..if the US decides to go nocode HF, you still have the rest of
>the ITU to contend with. I have yet to see, other than the NEW Zealand
>proposal, ANY ITU country propose the removal of the code requirement
>

Never heard of Canada, huh? I understand that they will recommend
removal of the CW requirement ... I'm sure there will be many others,
too.

>You'all stay on 2meters. Leave the HF to the people who have earned the priviledge
>

By YOUR estimation ... wake up, it's almost the 21st century, not the
18th anymore ...

Carl - wa6vse
carl@ais.net

2544. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: carl@ais.net
Message-ID: <50nu2h$p18@news.ais.net>
Source record: 217585

In <50kas5$i29@newsstand.cit.cornell.edu>, cjs9@cornell.edu (Carl Steckler) writes:
>In article <50cqje$ffe@news.ais.net>, carl@ais.net says...
>
>>What would be so onerous about requiring hams to return a card in a
>>postage-paid return envelope, checking the box and indicating that they
>>were, in fact, still alive and cared enough to reply??????
>>
>>As I said, it would allow the FCC to reclaim a LOT of SK callsigns,
>>which they could re-issue for a fee under the new vanity call program,
>>raising revenue that they might even apply to better enforcement
>>programs.
>
>any extra fees collected would go towards paying for your truly foolish
>idea. You obivously have no concept of what such a survey would cost. The
>vanity callsign fees would only cover a small portion of the cost of a
>"complete" survey.
>

I would guess that a properly designed postcard should be doable for
less than 40 cents each ... the recipient would be required to pay the
postage for mailing it back.

They could be individually bar-coded at printing to permit the vote to
be electronically scanned into a database, thus reducing the cost of
processing returns.

All in all, it would give the FCC a much-needed census and the ability
to reduce its administrative costs by purging obsolete records from
their database.

Carl - wa6vse
carl@ais.net

2545. Gaithersburg MD Hamfest status???

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: ccsys@interport.net
Message-ID: <322f7db7.5097079@news.interport.net>
Source record: 217586

Has it been OFFICIALLY rained or hurricaned out yet???

Andrew
N2CBU

2546. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: carl@ais.net
Message-ID: <50nufc$p18@news.ais.net>
Source record: 217587

In <50lllm$fph@arl-news-svc-2.compuserve.com>, 73700.12@compuserve.com (Jim Nuytens) writes:
>Couldn't agree more. I used to live for packet chat nodes, but since the
>advent of flat-rate ISPs, it's not even a concern anymore. Much easier and
>more reliable to use IRC on the 'Net, than to try to get to a chat node 100
>miles and 4-7 nodes away. Response time is a hell of a lot better, too.
>Doesn't take 5 minutes (or LONGER) to get an answer to something you typed.
>

Jim,

Consider the following ... if we had more technically-inclined, skilled individuals (like those being turned off by the CW testing) packet would have progressed beyond its "dark ages" (1200/9600) and real networks might be in place by now.

Then you could have response times very similar to what you can get on the internet ... via radio ...

As I said in another post, packet radio USER links should be ROUTINELY running at 56-64kbps MINIMUM and "backbone" links at T1 (1.544Mbps) or faster.

Carl - wa6vse
carl@ais.net

2547. Question about some radios.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: adscapes@ix.netcom.com
Message-ID: <50nuji$lr3@sjx-ixn6.ix.netcom.com>
Source record: 217588
Cross-posted to: rec.radio.amateur.misc,alt.pirate.radio,alt.cellular.phone.tech

I posted this awhile ago. In refrence to some fuckhead cops and
security guards trying to look bad a tough breathing down my neck.

I have seen a few times when a police officer or security guard will
stand in one place and seem to be pressing a button on the radio with
a thumb. Is this some kind of paging function or something?
Turiyan Gold adscapes@ix.netcom.com
http://www.netcom.com/~adscapes/new.html
This message protected by international treatys.
Authenticity can only be ensured if it is PGP
signed and authenticated messages.
=-=
13

2548. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: carl@ais.net
Message-ID: <50nv1o$p18@news.ais.net>
Source record: 217589
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <322D9226.C56@popd.ix.netcom.com>, Don Labriola <labriola@popd.ix.netcom.com> writes:

>Carl,
>
>I also question as to whether or not the code makes sense - and also
>have the 20 WPM down and out of the way. A couple of friends LOVE to
>work that mode, and others avoid it like the plague... but rather than
>judging on what we call our form of enjoyment, aren't we looking for
>methods to locate and invite those who will help fulfill the HAM radio
>charter. What I have not yet seen in the discussions is an idea to allow
>the code as ONE of the ways to get the expanded privledges, with a
>technical route being the other. Any thoughts on making the passing of
>either the Commerical General Class test, or something of similiar
>difficulity an alternative to the code. This would allow the current
>routes to Extra to still exist, yet not keep the technical types out
>just because they don't want to "pound brass". Thoughts?
>
>Don - N6CNB

Don,

No problem ... I think the technical part of the test should be a bit
tougher and better designed ... too many existing hams really don't have
a clue about the radio part (but they can copy xwpm CW) ... they just
memorized some multiple guess questions.

As for the commercial license equivalent, I passed that in 1975, too.

Carl - wa6vse
carl@ais.net

2549. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: carl@ais.net
Message-ID: <50nv7u$p18@news.ais.net>
Source record: 217590

In <1996Sep4.134221.4759@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>groups. After all, AOL has removed the necessity for many of us to buy
>diskettes thanks to their incessant mailings, so getting connected to
>the net isn't an indication of great technical accomplishment. It is a
>significant deviation between the general amateur population and that
>subset who are ARRL members, however.
>

I never trusted those disks ... always used a mag-mount antenna base to
"sanitize" them before reformatting, just to be sure ... after all, it
was WinDoze software, as well as being from an unknown source ...

Carl - wa6vse

2550. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: carl@ais.net
Message-ID: <50nvqg$p18@news.ais.net>
Source record: 217591

In <50kq7b$9kb@jupiter.planet.net>, adell@planet.net (Steve - KF2TI) Landing, NJ writes:
>
>HUH???? What???? that is one of the weirdest comparisons I have yet to see.
>

Steve,

He didn't say that helicopter pilots did not work for, nor have to take
a test to get, their license ... but they DON'T have to take a mountain
climbing test.

It's a very fair comparison ... CW "skill" has NOTHING to do with
proper operation of radio equipment in other modes ... just as mountain
climbing skills have nothing to do with flying a helicopter.

That's exactly his point ... while there's more than one way to get to
the top of the mountain (old-fashioned climbing vs. modern helicopter)
skills in the first have NOTHING TO DO WITH qualifications for the
second.

This is EXACTLY the situation we have with the CW test ... it has
NOTHING to do with operating other (modern) HF modes.

Therefore, it should NOT be a requirement. Period.

Carl - wa6vse
crl@ais.net

2551. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: carl@ais.net
Message-ID: <50o0la$p18@news.ais.net>
Source record: 217592

In <322F42BE.5395@starpoint.net>, Mark Brown <kb0pyo@starpoint.net> writes:
>Steve - KF2TI, NJ wrote:
>>
>> > Jim Cummings <jcumming@clark.dgim.doc.ca> writes:
>>
>> > Exactly. If one wishes to fly in inclement weather, i.e. fly with
>> > instruments, then one needs the rating. However, if the pilot has no need to
>> > do so, or accepts the fact that they cannot fly in bad weather, there is no
>> > requirement to have the IFR.
>>
>> Remind me to never fly with you without checking to make sure that the
>> weather will always be sunny an never a chance of clouds/rain/snow......
>>

I think you'll find that the vast majority of non-commercial general
aviation pilots are NOT IFR-rated.

>> >
>> > I agree with you that mountain climbers do so by choice. I also point out
>> > that helicopter pilots learn their skills by choice. Yet, it would be
>> > ridiculous to require helicopter pilots to learn to climb a mountain in like
>> > manner to testing for Morse code knowledge in order to operate on the HF
>> > amateur bands.
>>
>> Yet, those who believe that Morse code is a necessary skill
>> > to have prior to being authorized to use the HF frequencies regardless of the
>> > proposed mode of communciations, would have to also advocate that all pilots
>> > must know how to climb a mountain in order to be a pilot.
>>
>> it's still a wierd analogy
>>

It just points out how rediculous the CW requirement is.

>>
>> > I do not agree with the view that Morse code testing should be abolished
>> > premised on the idea that the individual may not use it. No, it should be
>> > abolished because there is no justification for the government to require
>> > such knowledge in order to operate on the HF bands without interfering with
>> > other users.
>>

Why not? Why should Morse code be the ONLY government-mandated mode???
Why shouldn't the government instead mandate that we all have CDMA
spread-spectrum capability instead and pass a detailed test in the
theory of same??? That would be far more appropriate from a technical

standpoint in light of the present state of technology (in every area
except the technically stagnant, backward amateur community, that is).

>> > Adell's offer is moot because I have passed Morse code examination, not only
>> > at 15 wpm for my Advanced certificate, but also at 30 wpm plain text and 25
>> > wpm cipher groups for my employment at that time.
>>

What's being pointed out here is something that most CW proponents would
like to "sweep under the (political) carpet" ... the fact that many
CW-tested, CW-capable ham licensees see the CW requirement as outdated,
rediculous, and counter to the future growth and survival of ham radio.

Carl - wa6vse
carl@ais.net

2552. Re: Changes to rec.radio.* heirarchy?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: carl@ais.net
Message-ID: <50o1bq$p18@news.ais.net>
Source record: 217593

In <50kjg9$cn8@news.Hawaii.Edu>, jherman@Hawaii.Edu (Jeffrey Herman) writes:
>I'm trying to determine just what is the matter with you, Karl. We got
>a very efficient rec.radio.amateur hierarchy set up but you refuse to
>comply with the charter. Anarchy ruins a society and a newsgroup.
>

Very efficient at what GEOFFERY (I can misspell your name, toom you
know)? Banishing the debate?

>>There are too damned many newsgroups to keep up with as it is,
>
>....so consolidating all topics in a single group is your answer?
>

I don't post these threads to the "technology" groups ...

>The other groups are our speciality groups (dx, antenna, homebrew,
>policy, etc); if you've got a specialized topic to discuss, wouldn't
>you want to post it to those who are interested and knowledgable
>of such a topic?
>
>I imagine your no code views got shot down on .policy so you're voicing
>them to a different audience now.
>

Not at all ... actually, in addition to the posts supporting "my"
no-code views ... not really "my" views, rather the views of MANY ...

>>If you don't want to read the threads, don't read them ... but don't
>>try banish them
>

Carl - wa6vse
carl@ais.net

2553. Re: Changes to rec.radio.* heirarchy?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: carl@ais.net
Message-ID: <50o1mh$p18@news.ais.net>
Source record: 217594

In <50mde2$3k5@anomaly.ideamation.com>, kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:

>Its pretty simple, Jeff. I have honestly come to the conclusion that
>Carl believes men in black suits are following him around. He believes
>everything is a conspiracy to someone suppress his opinion. He has
>purposely misattributed several comments to me, and when asked to back
>up his claims that I've made these remarks, dismisses them with a
>'oh, I can't be bothered'.
>

Mike,
You can come to any faulty conclusion you wish.
I didn't say "I can't be bothered" ... I asked if you actually thought
I'd archive the garbage you wrote ...

>On one occasion he made the comment "the gloves are off". I think
>its pretty clear that Carl is not interested in rational discourse
>about the CW requirement. At this point he has merely become a loose
>cannon with his own personal agenda. In his quest for the Holy Grail,
>it doesn't matter what anti-social behaviour he participates in,
>because, well, its justified all in the name of the greater good.
>

I am participating in rational discourse with many posters here, Mike.
The fact that you disagree with my views does not magically make my
"discourse" any less rational.

Personally, I find your rabid adherence to the "We MUST keep CW and
reject those who think otherwise!" ideal to be less than rational.

I guess anyone who disagrees with you is "antisocial" huh? Excuse me, I
didn't realize that someone had died an made you the determiner of
social acceptability ...

Carl - wa6vse
carl@ais.net

2554. Re: Code Vs No-Code. End The Cry!!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: carl@ais.net
Message-ID: <50o1si$p18@news.ais.net>
Source record: 217595

In <322D8C0E.5C5C@ix.netcom.com>, AC6V <AC6V@ix.netcom.com> writes:
>carl@ais.net wrote:
>> If the King doesn't want to read the code/no-code debate the King should
>> ask his 10-16 year old child (or neighbor kid) "How do I set up a
>> 'kill-file'??
>>
>> Carl - wa6vse
>> carl@ais.net
>
>Insults are the last recourse of a weak argument.
>
>73
>Rod in San Diego

Rod ... what was insulting?

Carl - wa6vse
carl@ais.net

2555. Wanted: Owners manual for TS-140S

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: Brennen/WA2HNG <rsb1@qed.net>
Message-ID: <01bb9b98$833a7040$477d8dcc@rsb1>
Source record: 217596

I'm looking for a copy of the owners manual for a Kenwood TS-140S. Kenwood no longer has them and neither does their parts supplier.

Hopefully someone can make me a copy and send it my way. I'll pay the shipping and copying.

Send me an e-mail if you can help me out.

Bob Brennen/WA2HNG
rsb1@qed.net

2556. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: carl@ais.net
Message-ID: <50o2mv$p18@news.ais.net>
Source record: 217597

In <50le25$6oa@texas.nwlink.com>, zommbee@nwlink.com (zommbee) writes:
>
>
>Hi everyone.
>
>This is a legitimate question. I am NOT (repeat NOT) trying to create a
>flame war or spam war.
>

Wonderful ...

>I enjoy CW emensely, and have for years.

Great ... glad you enjoy it ... (I don't, many don't) ... keep it up, I
have no desire to "ban" it ...

>It doesn't matter to me
>that come 1999, the world will abandon it as a commercial communication mode
>(officially, anyway).

Fine ... again, nobody (that I know of) who is a proponent of CW-free HF
licenses has proposed baning it, just eliminating the test requirement.

>This is NOT to get feedback on whether it should be required for upgrades
>or anything at all. I am ONLY asking how many people ENJOY CW? Now here's
>the clinker - How many enjoy CW who have only had their tickets for a couple
>of years or less? I get the impression from reading these newsgroups that
>only us 'old timers' (I've been licensed for 22 years and I'm 35 years old)
>actually LIKE CW, that ALL newcomers HATE it, and resent being told they
>have to learn it. Is this true? Or do newcomers LIKE code? and USE it?

Some newcomers like it. (It appears) most don't. Also, many old-timers
don't like it either (I've been licensed since 1975 and I hate it).

According to the ARRL's survey (of ARRL members only, not including the
large non-member population) only 54% of (ARRL members) operate CW AT
ALL. That implies that 46% of ARRL members NEVER use CW.
I would be inclined to bet that non-ARRL members use it even less,
because I know a LOT of hams who refuse to join ARRL primarily because
they view it as backward and pro-CW.

I hope my reply has been in line with what you wanted and that it was
friendly enough.

Enjoy your CW ...

73,
Carl - wa6vse

carl@ais.net

2557. Re: Beat the pile-ups>>Cyberscheds now Available @ sarrio.com

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: jjo@tekla.fi
Message-ID: <JJO.96Sep6085024@ds10.tekla.fi>
Source record: 217598

In article <Dx9Mwt.A61@encore.com> psoper@encore.com (Pete Soper) writes:

I'd like to know what the point of DXing is if it is prearranged? I can
see it now, just a few years away:

Well. Skeds have been around for years. We've arranged them using
letters and phone. Internet is just another means. Most propably
internet will not aid really that much. I have yet to see a *rare* DX
country having good internet connections.

--
Jari Jokiniemi, jari.jokiniemi@tekla.fi, OH2MPO, OH3BU
Tekla Oy, Koronakatu 1, 02210 Espoo, 90-8879 474

2558. Re: Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: shendo@access-one.com
Message-ID: <tcpnntpd.16.9.6.0.0.32.3046360759.1340983@access-one.com>
Source record: 217599

Almost forgot...I spend most of my HF time on SWL Digital Sitor/ARQ and
Amtor listening to the Merchies work one another.

-=-=-=-=-Access One Online Services Connects You To the World-=-=-=-=-
17 Incoming Lines All 28.8 Connections
Internet Access CD Roms Games Internet MUDS SLIP/PPP Access
Chat including IRC Chat, Interlink, Internet Telecafe and Local Chat
913-263-0410 Telnet access-one.com
-=-

2559. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: carl@ais.net
Message-ID: <50oikr$7a6@news.ais.net>
Source record: 217600
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <Pine.BSI.3.93.960905151935.23229B-100000@cais2.cais.com>, <zut@cais.com> writes:
>> Well, I guess we've settled another one. The ARS is, in fact, the only
>> place where CW is used anymore.
>
>Wrong. The US military (e.g. US Army Special Forces, USMC, etc.) and
>various intelligence agencies all still use CW and probably will continue
>to do so, but the people you find in these kinds of activities are the
>cream of the crop and are highly motivated individuals who apply personal
>skills to communications solutions instead of always relying on some kind
>of appliance. Fortunately for us, they haven't applied "dumbing down" to
>their activities yet.
>

Excuse me, but "horse-puckey!"

The myth of CW is a myth ... the guys you mention above are using
digital techniques ... usually over satellite links (yes, even "SEAL"
teams carry small, portable SATCOM terminals ... I mean small, small.

>> To answer your question, yes, we should base what the ARS does on what
>> happens in other services.
>
>Wrong again. The Amateur Radio Service (ARS) is NOT the other services
>and what we do is independent of what they do.
>

If we continue to be perceived (as we are by virtually EVERYONE but CW
proponents) as increasingly backward and antiquated, we'll surely lose
our bands to better uses and fade away.
Anyone who rejects this premise is patently foolish, plain and simple.
(Anyone who takes offense at this had better "wake up and smell the
coffee")

>If the ARS is merely a duplication to benefit hobbyists, and that's
>exactly how the powers that be at the FCC are beginning to perceive us
>now, it is doomed. We were once considered a National Technical Resource
>(FCC Rules, Part 97, Section 97.1[e]), but with every store-bought
>transceiver and every licensee who enters the ARS who truly has no idea
>what is going inside the cabinet and really doesn't care, the further
>we're getting away from that and the closer we get to the end of the line.
>
>>Whatever happened to "developing the art"?
>

Right ...

>It's still out here, but it's becoming harder and harder to find, thanks
>at least to partially to qualifying for a license through rote
>memorization and the conversion to an Amateur Service that is only
>interested in buying expensive toys that more closely resemble a Walkman
>or a stereo set than a piece of communications equipment.

You mean you can't find the spark gap?

>Some claim that
>operating digital modes is "developing the art" as you call it, but
>where's the "art" in buying an box and plugging it into a PC that 's
>loaded with software to do all the work?

The art is in designing that stuff, and in writing software for it, and
in building networks that use it, and on and on and on ...
check out some of my other recent (yesterday and today) posts that
outline a bit of what's possible ... it may open your eyes (and your
mind) a bit ...

>There's one place I know of for sure where Amateur Radio is alive, well,
>and thriving. Try QRP. However, if you do, you'll have to join a "cream
>of the crop" fraternity that tries hard to do more with less, both
>operationally and technically, but (shudder!) you may have to learn to
>operate CW! It seems that's the only mode that does well at power output
>levels under a watt.

Again, read my other posts ... HF/3000mi+/digital/reliable/10milliwatt
.. just because hams haven't figured out how to do it ... or even
dreamed that it's possible ... doesn't mean it can't be (or isn't being)
done ...

That's one MAJOR point ... hams USED TO BE "the cream of the crop"
technically ... now, the vast majority are "bottom of the barrel"
(not saying YOU are, so no offense intended)
.. sad ...

Carl - wa6vse
carl@ais.net

2560. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <50o835$4jf@anomaly.ideamation.com>
Source record: 217601

In article <50nufc$p18@news.ais.net>, <carl@ais.net> wrote:

>Consider the following ... if we had more technically-inclined, skilled
>individuals (like those being turned off by the CW testing) packet would
>have progressed beyond its "dark ages" (1200/9600) and real networks
>might be in place by now.

Nice try, but its a non-sequiter.

These "high speed chat modes" would all be occuring on VHF+. A codeless
tech license is available that gives free access to all those bands.

If these wiz-bang techno-geniuses that would be developing this
technology were at all really interested in amateur radio, they'd be
on the air, today, experimenting with what you describe, using the
license class that already exists for exactly that purpose.

MD
--
--
-- "I have more guns than I need, and less guns than I want." -- Phil Graam
--
-- If you don't like my opinions, that's just too damn bad.

2561. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: agray@voicenet.com
Message-ID: <322FFC04.1224@voicenet.com>
Source record: 217602
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

carl@ais.net wrote:
>
> In <Pine.BSI.3.93.960905151935.23229B-100000@cais2.cais.com>, <zut@cais.com> writes:
> >> Well, I guess we've settled another one. The ARS is, in fact, the only
> >> place where CW is used anymore.
> >
> >Wrong. The US military (e.g. US Army Special Forces, USMC, etc.) and
> >various intelligence agencies all still use CW and probably will continue
> >to do so, but the people you find in these kinds of activities are the
> >cream of the crop and are highly motivated individuals who apply personal
> >skills to communications solutions instead of always relying on some kind
> >of appliance. Fortunately for us, they haven't applied "dumbing down" to
> >their activities yet.
> >
>
> Excuse me, but "horse-puckey!"
>
> The myth of CW is a myth ... the guys you mention above are using
> digital techniques ... usually over satellite links (yes, even "SEAL"
> teams carry small, portable SATCOM terminals ... I mean small, small.
>
> >> To answer your question, yes, we should base what the ARS does on what
> >> happens in other services.
> >
> >Wrong again. The Amateur Radio Service (ARS) is NOT the other services
> >and what we do is independent of what they do.
> >
>
> If we continue to be perceived (as we are by virtually EVERYONE but CW
> proponents) as increasingly backward and antiquated, we'll surely lose
> our bands to better uses and fade away.
> Anyone who rejects this premise is patently foolish, plain and simple.
> (Anyone who takes offense at this had better "wake up and smell the
> coffee")
>
> >If the ARS is merely a duplication to benefit hobbyists, and that's
> >exactly how the powers that be at the FCC are beginning to perceive us
> >now, it is doomed. We were once considered a National Technical Resource
> >(FCC Rules, Part 97, Section 97.1[e]), but with every store-bought
> >transceiver and every licensee who enters the ARS who truly has no idea
> >what is going inside the cabinet and really doesn't care, the further
> >we're getting away from that and the closer we get to the end of the line.
> >

> >>Whatever happened to "developing the art"?
> >
>
> Right ...
>
> >It's still out here, but it's becoming harder and harder to find, thanks
> >at least to partially to qualifying for a license through rote
> >memorization and the conversion to an Amateur Service that is only
> >interested in buying expensive toys that more closely resemble a Walkman
> >or a stereo set than a piece of communications equipment.
>
> You mean you can't find the spark gap?
>
> >Some claim that
> >operating digital modes is "developing the art" as you call it, but
> >where's the "art" in buying an box and plugging it into a PC that 's
> >loaded with software to do all the work?
>
> The art is in designing that stuff, and in writing software for it, and
> in building networks that use it, and on and on and on ...
> check out some of my other recent (yesterday and today) posts that
> outline a bit of what's possible ... it may open your eyes (and your
> mind) a bit ...
>
> >There's one place I know of for sure where Amateur Radio is alive, well,
> >and thriving. Try QRP. However, if you do, you'll have to join a "cream
> >of the crop" fraternity that tries hard to do more with less, both
> >operationally and technically, but (shudder!) you may have to learn to
> >operate CW! It seems that's the only mode that does well at power output
> >levels under a watt.
>
> Again, read my other posts ... HF/3000mi+/digital/reliable/10milliwatt
> .. just because hams haven't figured out how to do it ... or even
> dreamed that it's possible ... doesn't mean it can't be (or isn't being)
> done ...
>
> That's one MAJOR point ... hams USED TO BE "the cream of the crop"
> technically ... now, the vast majority are "bottom of the barrel"
> (not saying YOU are, so no offense intended)
> .. sad ...
>
> Carl - wa6vse
> carl@ais.net

Face it Carl, amateurs haven't been the "cream of the crop" technically
in the last 50 years (and are not going to be, unless we turn the hobby
completely over to the radio "professionals" like you). With some
notable exceptions, the majority of amateurs are just ordinary people
who like to communicate via radio. If we all have to be ardent devotees
of the latest "bleading edge" technology only you, and a few others like

you, will be around to talk to each other... that is, unless Kenwood, Yaesu and the other manufacurers mass produce the stuff for the rest of us lesser lights.

2562. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-06 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <50p0po$c5p@jupiter.planet.net>
Source record: 217603

> carl@ais.net writes:

>
> >However, when he and his, to use a phrase, Ilk, decide that since we've
> >done nothing to deserve it, therefore we must be handed it on a platter
> >I must protest.
>
> I've done plenty to deserve it ... I've advanced the state of the art
> (patented inventions in the radio art and Technical Innovation award
> from NASA (I was in the Communications Systems Research Section at
> JPL), and a great deal of public service ham work ...

That and $1.50 gets you a ride on a NYC subway. That gets you in Who's Who for electronics
but it hardly makes you deserving of having HF without code handed to you or anyone else.

> Just because YOU don't think I've earned it to YOUR satisfaction,
> doesn't make it so ... the Rules can, and should, be changed to fit the
> times ...
>

>Remember this..if the US decides to go nocode HF, you still have the rest of
> >the ITU to contend with. I have yet to see, other than the NEW Zealand
> >proposal, ANY ITU country propose the removal of the code requirement
> >
>
> Never heard of Canada, huh? I understand that they will recommend
> removal of the CW requirement ... I'm sure there will be many others,
> too.

Fine, lets get 20 countries to agree to eliminate the code requirement, but
then you'll have 21 countries that want to keep it, then what?? another 3
years of pissing and moaning

> >You'all stay on 2meters. Leave the HF to the people who have earned the priviledge
> >
>
> By YOUR estimation ... wake up, it's almost the 21st century, not the
> 18th anymore ...

They had radio in the 18th century??? and you call yourself and expert tsk tsk

>
> Carl - wa6vse
> carl@ais.net

i'm beginning to see what all the fuss is about. seems if half the code eliminators took
1/4 of their time complaining and tried to learn, they could advance. But this is

Amerika, where good things go to those who don't earn them

WHAT A COUNTRY!!!

steve

2563. Re: Ionospheric cross-modulation (Luxembourg effect)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: gfoley@freenet.columbus.oh.us
Message-ID: <50t61u$ps7@login.freenet.columbus.oh.us>
Source record: 217204

Ian Liston-Smith (ianls@patrol.i-way.co.uk) wrote:
: Does anyone know where I can find more information regarding
: ionospheric cross modulation (also known as the Luxembourg Effect).
: This is the transferring of the modulation from one transmission to
: another in the ionosphere. First noticed in the 1930s and generally
: MWstations onto LW - or is it the other way around?!!
: Thanks,
: Ian
: ianls@patrol.i-way.co.uk

Radio Luxembourg ran more than half a megawatt on long wave. Because
the highest possible antenna is a pretty small fraction of a wave length
high at 150-200 KHz, most of the radiated power went nearly straight up.
The effect modulated medium wave signals reflected from the ionosphere
above Luxembourg with the program of Radio Luxembourg. The reception
of the long-wave station was unaffected.

K8EF

--
Gerry

2564. (no subject)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: jbowling@hemisphere.neocomm.NET
Message-ID: <3231BA79.44B6@hemisphere.neocomm.net>
Source record: 217205

```
add info-hams
```

2565. Re: FS: All Ham Bands, Reply to Republican Congress

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: turtle@wwa.com
Message-ID: <50u7fa$g8@kirin.wwa.com>
Source record: 217206
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.amateur.policy

tuhams@netzone.com (Richard Dunmyer) wrote:

>T E I X E I R A <teixeira@ccnet.com> wrote:

>>>The Democrats screw up and the Republicans have a party. Then the
>>>Republicans screw up and the Democrats have a party.
>>>
>>>This is known as the 'two-party' system.
>>>
>>Yea.....Politicians treat us like Mushrooms.....They keep us in the dark and feed us Bull
>>Shit!

>>Dole ain't worth a damn & Clinton is a Republican in a Democrats cloths.

>I respectfully disagree with the above statement....Dole isn't worth a
>damn but Clinton is a Marxist Liberal who is lying to appeal to the
>mainstream america....Most folks actually believe what he says...He
>will be elected in a landslide and then may God have mercy on us all!

>Illigitimi non carborundum
I agree and I can't belive that 55% of the country is going to fall
for it.

"73" Gary KF9CM

2566. Re: A *VERY* SCARY SCENARIO

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <50rcg0$jsr@news.Hawaii.Edu>
Source record: 217207
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner

<andyb@qni.com> wrote:
>Yeah...by some clown that calls up and says "Hey, I heard on the
>scanner that your boy got creamed in a head on crash! You better get to
>the morgue!"

A victim's name is rarely given over the air. Regardless, the above "friend"
would have said the same thing had he received the info via a scanner, TV
news, or broadcast news. Don't blame a listener's insensitivity on the mode
in which the info was gained.

>I remember the old story about the cop delivering a death message to the
>wife of a fatality accident victim. "Are you the widow Jones?", the cop
>queries. "I am not." she replies. "The hell you aren't!" quips the cop.

Police chaplains or high-ranking officers usually deliver death messages;
they've been given training in how such information should be given to
next of kin.

Jeff KH2PZ (former fireman)

2567. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <50str4$k6p@news.Hawaii.Edu>
Source record: 217208
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

<carl@ais.net> wrote:
>All the technophiles amongst us are saying is that we don't share your
>interest [in CW]

Tell us what you've done for ham radio during the 20 years you've been licensed. You might not have full HF privileges but you could have been developing new schemes of communication for HF users. Does your altruism only cover those bands in which you have access to?

Face it, Karl, you only want the code dropped so *you* can gain full HF privileges.

Most of the radios being built at home by hams seem to be for CW according to what I read on the QRP and Glowbugs lists. This seems contrary to your claim that CW ops are appliance operators.

Jeff KH2PZ / KH6 (also licensed for 20 years)
(respect the followup line please)

2568. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <50sug9$kis@news.Hawaii.Edu>
Source record: 217209
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

carl@ais.net%1:2619/211.9 <carl@ais.net%1:2619/211.9> wrote:
>You apparently never built anything, right? It would do you a world of
>good to learn how (as it would to most of the brass-pounding appliance
>operators out there ...)
>Carl - wa6vse
>carl@ais.net

Brass-pounding appliance operators? You're such a kook, Karl! From what
I read most of the radios being homebrewed are for CW.

Jeff KH2PZ (using home built cw xmtrs)
(abide by the charter, Karl - allow this to proceed to .policy)

2569. Re: The party is over for CB

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <50t03s$lni@news.Hawaii.Edu>
Source record: 217210

Glenn Thomas <wb6w@netcom.com> wrote:
>I think there is more of a problem than that. The courts have held for many
>years that, because of its inherent nature, all radio transmissions are
>interstate commerce.

All? What about those radio services intended for just local communications having nothing to do with commerce? By definition, CB is for personal comms (not commerce) of a local (not interstate) nature. For a station to be in compliance with Part 95 they must not "work DX" nor carry on business transactions.

>The U.S. constitution specifically allocates the right
>to regulate interstate commerce to the federal government.
>The U.S.Congress cannot abdicate this responsibility without amending the
>constitution.

But if CB doesn't fall into the interstate commerce catagory, then there is no sense in saying "It's unconstitutional!".

>Perhaps these bozo congresscreatures have some other agenda on their minds.
>...like mebbe legislating that pi is exactly 3.0.
>
>...the $64 question is, how do people who are this ignorant get elected?
>answer: Their constituencies are even more ignorant that then are.

Well Glen, they might call you names, too, due to you claiming CB is some-thing it's not.

73 from Hawaii,
Jeff KH2PZ / KH6

2570. Re: Who actually Enjoys CW...

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <50t0vi$m3u@news.Hawaii.Edu>
Source record: 217211
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

<carl@ais.net> wrote:
>All the technophiles amongst us are saying is that we don't share your
>interest [in CW]

Tell us what you've done for ham radio during the 20 years you've been licensed. You might not have full HF privileges but you could have been developing new schemes of communication for HF users. Does your altruism only cover those bands in which you have access to?

Face it, Karl, you only want the code dropped so *you* can gain full HF privileges.

Most of the radios being built at home by hams seem to be for CW according to what I read on the QRP and Glowbugs lists. This seems contrary to your claim that CW ops are appliance operators.

Jeff KH2PZ / KH6 (also licensed for 20 years)
(respect the followup line please)

2571. Re: Who actually ENJOYS CW and could care less abo

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <50qnk3$62r@news.Hawaii.Edu>
Source record: 217212

<carl@ais.net> wrote:
>Merely using CW does not make one a "CW olde farte" ... one must insist
>that it's the only mode worthy of a test and vigorously jam it down the

If it would help to silence you I'd certainly agree to skill tests for
SSB and FM, too. One would have to pass a CW, SSB, and FM skill test to
obtain a license. Now it's obvious what the CW exam will be comprised of;
what do you suggest for the SSB and FM skill tests?

(Abide by the charter, Karl - let followups proceed to .policy)

Jeff KH2PZ / KH6

2572. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: carl@ais.net
Message-ID: <50qgn8$bka@news.ais.net>
Source record: 217311

In <50p0po$c5p@jupiter.planet.net>, adell@planet.net (Steve - KF2TI) Landing, NJ writes:

>That and $1.50 gets you a ride on a NYC subway. That gets you in Who's Who for electronics
>but it hardly makes you deserving of having HF without code handed to you or anyone else.
>
>

So NOTHING in the world counts as much as or more than CW "skill" ???
That's patently absurd ...

I'm not saying anything should be "handed to someone for nothing" ...
I'm saying that there should at least be alternative ways to earn a
license.

>Fine, lets get 20 countries to agree to eliminate the code requirement, but
>then you'll have 21 countries that want to keep it, then what?? another 3
>years of pissing and moaning
>

I would not at all be surprised to see a landslide in favor of dropping
the CW testing requirement IF the US delegation were to take a
progressive posture and recommend it ...

After all, the world community has agreed to abandoning CW requirements
for merchant vessels ... (and everything else except that backwater of
technical antiquity known as ham radio)

Carl - wa6vse
carl@ais.net

2573. Elizabeth ARC Home Page

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: markl@dove.net.au
Message-ID: <842056510mnewsmarkl@dove.net.au>
Source record: 217312

The Elizabeth Amateur Radio Club now has a home page at:

http://www.dove.net.au/~markl/EARC/earc.htm

The page also has the current catalogue of the WIA
Equipment Supply Committee (ESC) in VK5.

Regards,
Mark (VK5ZAF).

2574. VK2WI News 8 September 1996

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: richardm@zeta.org.au
Message-ID: <50qsab$t4d@phaedrus.kralizec.net.au>
Source record: 217313
Cross-posted to: aus.radio.amateur.misc,rec.radio.amateur.misc

We're back...

DIVISIONAL NEWS
The next examinations will be held at Amateur Radio House, Parramatta, on Sunday 22 September 1996. Candidates who have lodged applications are requested to report at 12 noon, and the exams will start as soon after that time as possible, but no later than 12:30pm.

Please apply to the office for the necessary forms. Applications close on Thursday 12th September. Acceptance cannot be guaranteed for any applications received after that date.

WICEN NEWS
Last Saturday a national telephone conference, hosted by the WICEN Federal Coordinator Leigh Baker, took place between the various Divisions. Many issues were discussed, and a report will be published shortly. We thank Jo VK2KAA for her hospitality.

September is a busy month. The Central Coast meeting is on Friday, and the Management committee meeting, so far at Burwood SES is on Saturday, starting at 1300 (note the earlier time).

The NSW Cancer Council is sponsoring a Fun Run next Sunday, the 15th September, from Darling Harbour to Sydney University; ten operators are required for the four hour event, and those interested are requested to contact Kevin VK2CKD.

The VRA Sydney Bike Ride will be held on Sunday 22nd September. It will start from North Sydney, cross the Harbour Bridge, travel around Botany Bay and finish Kempt Field at Allawah railway station. If you would like more information, or if you may be available then please contact the Coordinator for this event, who is Kevin VK2CKD.

Finally, the VRA Extraordinary General Meeting is on the 28th September.

Next month sees JOTA over 19-20th October; and the "Hawkesbury Classic Paddle", run as usual by Kevin VK2CKD on 26-27th October. Later on in the year is the Oberon Car Rally, to be held on Saturday 2nd November; the event co-ordinator is Neil VK2XNF.

Those regions wishing to have their activities publicised on this broadcast are requested to contact the Publicity Officer, Dave VK2KFU, by Thursday night at the latest. Packet radio is the preferred medium, to VK2KFU@VK2KFU (AX.25) or vk2kfu@gw.vk2kfu.ampr.org (TCP/IP).

--Dave Horsfall VK2KFU, WICEN (NSW) Inc. Publicity Officer

NEWS BRIEFS

Finland, Finland, Finland, with its mountains so lofty, its treetops so tall, is the country where you quite want to be if you're in the market for an anti-gravity machine, according to a report in the Herald this week.

Researchers at the Tampere University of Technology discovered the effect while conducting tests on a superconducting ceramic disc, spinning while suspended in a magnetic field and enclosed in a low-temperature vessel called a cryostat.

While such claims appear every week, and get considerable press coverage in certain "fringe" magazines, the Finnish reports are being taken seriously by NASA and Britain's Institute of Physics. If the effect can be duplicated on a larger scale outside the laboratory, the implications could be astounding.

(We wonder if Monty Python foresaw such developments, when they sang "Finland has it all"...)

Comet Hale-Bopp (a bit easier to pronounce than Hyakutake!) appeared in our skies this week. It is still very faint, but by around March next year, it may well be the most spectacular comet to been seen for many years.

--Sydney Morning Herald and The Australian

IPS WEEKLY SOLAR AND GEOPHYSICAL REPORT
(30 AUGUST - 05 SEPTEMBER)

Issued on 06 SEPTEMBER 1996

Date 30 31 0l 02 03 04 05
10cm 73 76 74 72 71 71 70
A index 17 13 6 5 3 9 (7 estimated)
T index 4 25 12 15 13 13 11

SOLAR ACTIVITY WAS VERY LOW ALL WEEK.

THE GEOMAGNETIC FIELD AT LEARMONTH W.A. WAS QUIET TO ACTIVE ON 30TH AND 31ST AUGUST; QUIET 1ST AND 3RD SEPTEMBER; AND QUIET TO UNSETTLED ON OTHER DAYS.

MAXIMUM USABLE FREQUENCIES AT SYDNEY WERE 15 TO 30 PER CENT DEPRESSED 0100 TO 0700 UT. FREQUENCIES RECOVERED DURING LOCAL NIGHT. ON 31ST AND 1ST, FREQUENCIES WERE ENHANCED TO 30 PER CENT, AND 15 PER CENT ENHANCED ON 2ND, THEREAFTER NEAR PREDICTED MONTHLY VALUES.

FORECAST (06 SEPTEMBER - 12 SEPTEMBER)

SOLAR: VERY LOW
GEOMAGNETIC: QUIET TO UNSETTLED.
FREQUENCIES: NEAR NORMAL PREDICTED MONTHLY VALUES

COURTESY OF IPS RADIO AND SPACE SERVICES
SUMMARY BY PAT VK2JPA ANARTS BROADCAST OFFICER

CLUB NEWS
THE ILLAWARRA AMATEUR RADIO SOCIETY ADVISES ALL MEMBERS AND VISITORS, THAT IT IS SAFE TO ATTEND THEIR SEPTEMBER 10TH MEETING,STARTING 7:30PM, AS THEIR A.G.M WAS LAST MONTH!!!? SO WHY NOT COME ALONG TO THE S.E.S BUILDING MONAGUE STREET NORTH WOLLONGONG AND MEET THE NEW PRESIDENT AND COMMITTEE.AFTER A SHORT MEETING THERE WILL BE A COMPUTER NETWORKING DEMO AND PART ONE OF A VIDEO. FOLLOWED BY A CUPPA, THOSE HEAVENLY PIKELETTS, AND A GOOD RAG CHEW! THE RAFFLE PRIZE FOR THIS MONTH IS A 12 BAND PORTABLE RECEIVER. THERE IS STILL TIME TO OBTAIN YOUR TICKET TO BE IN THE DRAW FOR THE FT SEVEN B, SO DON'T FORGET TO BRING YOUR MONEY WITH YOU!! SO WE WILL SEE YOU ALL THERE.

--BRIAN VK2UBF PUBLICITY OFFICER I.A.R.S.

AFFILIATED CLUB NEWS
The Southern Regions Clubs Inaugural Meeting is to take place on Saturday 28th September at 11am in the Goulburn RSL club, Market Street, Goulburn.

Contact for this meeting is Tony Williamson VK2VCR on Telephone (048) 21-6797 business hours, (048) 21-7860 after hours, also contact can be on packet at VK2TLH.

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The New England Amateur Regional Conference Group's Meeting will take place on Sunday 29th September at 11am in the Aero Club rooms at the Armidale Airport (not the time I had put to air last week).

Contact for this meeting is the Secretary Corey Taylor VK2HEX on telephone (067) 66-1599 business hours, (067) 66-1599 after hours [should these numbers be the same???] also contact can be by fax on these numbers, or by packet at VK2TDT.

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The New South Wales Affiliated Clubs conference is to take place at Amateur Radio House, Parramatta, on 9th and 10th November, not the dates quoted on last week's broadcast.

Would all items for discussion be sent to me at Amateur Radio House, PO Box 1066, Parramatta 2124.

So far, no items have been received.

******

The Orana Region Amateur Radio Club will be held on 26th September in the Scout Hall in Talbragar Street, Dubbo, at 8pm.

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-- NSW Affiliated Clubs Officer, Ken Westerman VK2ADW in Dunedoo

GLADESVILLE NEWS
A reminder to Gladesville Club members and visitors that the September monthly meeting will be held tomorrow evening - Monday the 9th - at 7:30pm. The venue is Number One, Birdwood Avenue, lane Cove. Car parking is available in the public car park opposite.

Telephone contact with the Gladesville club is on:-

(02) 9427-0530

or by mail to PO Box 48, Gladesville NSW 2111
--Keith VK2ZZO, President / TV Coordinator

THE FISHERS GHOST AMATEUR RADIO CLUB WOULD LIKE TO INVITE MEMBERS AND VISITORS TO THIS MONTHS CLUB MEETING AND LECTURE HELD AT THE CAMPBELLTOWN HIGH SCHOOL...

THE LECTURE AND DEMONSTRATION WILL BE GIVEN BY JOE HARRIS FROM A.A.P.R.A...

THIS WILL BE INFORMATIVE NOT ONLY FOR THE NEWCOMER BUT ALSO THE MORE EXPERIENCED IN PACKET RADIO...

IF YOU NEED TO GET THAT QUESTION ANSWERED.. OR YOU JUST WISH TO SEE PACKET IN OPERATION.. THEN COME ALONG....MEET SOME OF THE MEMBERS...HAVE A CHAT...AND ENJOY A GREAT DEMONSTRATION..

THE LECTURE WILL BE HELD ON TUESDAY THE 17th OF THIS MONTH AND IT COMMENCES AT 7:30 PM ...THE CLUB ROOMS ARE LOCATED ON THE SOUTH END OF THE HIGH SCHOOL ...CHAMBERLAINE ST CAMPBELLTOWN..LOOK FOR THE YELLOW PAINTED BUILDINGS....

HOPE TO SEE YOU THERE

--FROM JIM ZENNER VK2LJZ, Club Secretary..

WAVERLEY AMATEUR RADIO SOCIETY
Meetings of the Waverley Society are held on the 3rd Wednesday of every month, with the next being on the 18st of September. Simon Buxton (VK2EII) will review and demonstrate the ICOM IC 706 mobile transceiver introduced last year and compare it with its predecessor the IC 735. Information on modifications and purchase sources will also be given. The subject should be of interest as a number of members have bought this rig and others are contemplating doing so.

The meeting will be held at our clubhouse in Vickery Avenue, Rose Bay (off New South Head Road). Starting time is 7:30 p.m., with doors opening at 7, but why not come along a bit earlier and join some of our members for supper in the R.S.L Club cafeteria next door?

Remember that the first Saturday afternoon every month is project time. The next such afternoon will be on Saturday, 5th October, so come along to our clubhouse around 1:30 p.m. and help in the process of re-building the club station where your assistance would be much appreciated.

Ben Buxton (VK2XUF) has recently upgraded our Internet home page with the inclusion of a number of photos and other material. The web address is a bit complex to give on the broadcast but it is easy enough to find by searching for "Waverley Radio" using one of the Internet search engines.

A reminder that the club conducts two morse practice sessions a week so contact Grant Hinchcliff (VK2TU) on 9778-7100 during business hours or 9319-1913 after hours if you are interested. This is also an opportunity to improve your poetry as Grant has found that Shakespeare's sonnets make suitable length test pieces!

--Simon Buxton - VK2EII - Club President

The Newcastle Scanner Group - NSG - would like to advise listeners that its Internet Home Page is now active. N S G is a hobby group dedicated to scanner listeners in the Newcastle, Central Coast, Hunter Valley and Mid North Coast regions, and Shortwave enthusiasts world wide.

The N S G Home Page contains information on our Group, our Awards Programme, and links to the Home Page id various International Broadcast Stations and other interesting clubs and groups. The URL is

http://users.hunterlink.net.au/nsg

NSG can also be contacted by e-mail: nsg@hunterlink.net.au or by post to PO Box 728, Charlestown NSW 2290.

The VHF DX Group is an informal group of active VHF and UHF operators. the group was formed to promote non-repeater VHF activity and to assist newcomers to the bands.

VHF DX Group meetings are held every second month amd consist of technical lectures, Equipment demonstrations and workshops.

The next meeting of the group will be on Tuesday 17 September at Amateur Radio House, Wigram Street, Parramatta.

This meeting will be a lecture by the cloven-hoofed Roger Harrison VK2ZRH, on the latest forecasts for the next sunspot cycle. Roger has long been recognised as a leading ionospheric propagation expert in Australia. The title of Roger's lecture is: "Cycle 23 - Bigger than Cycle 22?"
We have also identified a cheap source of ex-commercial microwave transverters that can be modified to produce one Watt of SSB on 10GHz from 144 MHz. Further details will be available at the meeting.

Don't forget the Tuesday activity nights on 144 MHz and the Group's Sunday morning net on 146.550 MHz FM starting at 11am.

--Submitted by Mike Farrell VK2FLR on behalf of Richard Soulie VK2ARS

LIVERPOOL AND DISTRICTS AMATEUR RADIO CLUB.
The next meeting of the Liverpool & District Amateur Radio Club will

be heldnext Wednesday eveneing, the 11th of September at the Scout Camp Cambridge Avenue Glenfield, near the Moorebank Army Camp, starting at precisely 8pm.

The meeting will commence with a lecture which will last for an hour to an hour and a half and then the General meeting will be held.

The lecture will be on how to use PROTEL SCHEMATICS and AUTO TRAX. If you would like to get a professional type layaout for your printed circuit boards on your home brew equipment, then this is the lecture for you. The lecture will be given by Brian VK2TRS who has had 4 years experience using this package. A practical demonstration will be projected on to a large screen for all to see.

Brian has prepared a very detailed handout which will be given to attendees on a first in first served basis so be early and visitors are welcome.

--Submitted by Garry VK2TSR for the Liverpool & District ARC

THE NEXT MEETING OF THE A.A.T.C. Inc WILL BE HELD AS USUAL ON THE 2ND SUNDAY OF THE MONTH IN SEPTEMBER AT 109 WIGRAM ST. PARRAMATTA 1.00 PM TODAY!!!

FUTURE ATV'ers ARE WELCOME TO BRING ALONG ANY SATELITTE RECEIVER AND THE CLUB WILL TUNE IT UP ON THE DAY TO PICK UP OUR 1.2GHz REPEATER

THE AATC THIS YEAR IS AS USUAL ASSISTING WITH JOTA HOWEVER THIS YEAR IS DIFFERENT, WE ARE TRANSMITTING ALL OVER AUSTRALIA, NEW-ZEALAND AND NEW-GUINEA COURTESY OF AN OPTUS SATELLITE B3 ON T3 ALL IN CLEAR BETWEEN THE HOURS OF 9.OOAM TO 3.OOPM 6 HOURS A DAY COURTESY OF OPTUS.

WE WILL BE WELCOMING FAX RETURNS BACK TO SYDNEY TOWER ON THE 19TH AND 20TH FOR ACKNOWLEDGEMENT ALL HOURS AND FOR A UNIQUE QSL TO BE POSTED OUT SOME TIME LATER.

THE FAX NUMBER TO BE USED ON THE 2 DAYS ONLY IS (02) 9233-2581. OPTUS HAVE DONATED THIS SATELLITE FOR THE 12 HOURS PLUS SO ALL YOU WHO ARE CAPABLE OF RECEIVING SATELLITE PLEASE SEND BACK A FAX TO SYDNEY TOWER ON (02) 9233-2581

FOR MORE INFORMATION ABOUT ATV. CONTACT BOB THE PUBLICITY OFFICER ON (02) 9587-3491 DURING NORMAL CIVILISED TIMES.

--A.A.T.C. INC. Publicity Officer Bob Barnes

COMING EVENTS (8 Sept 96)
Australian Amateur Television Club meeting.....Today
Gladesville ARC meeting.....Monday
CW Operators' QRP Club 160m scramble.....Wednesday
Liverpool and District ARC meeting.....Wednesday
Applications close for Divisional Amateur exams.....Thursday
SAREX Shuttle mission STS-79 launch.....Thursday

Divisional Council meeting.....Friday
WICEN Central Coast meeting.....Friday
NSW Cancer Council Fun Run (WICEN).....next Sunday
WIA affiliated clubs net (after evening broadcast).next Sunday
VHF to SHF DX Group meeting at Parramatta.....17th
Fishers Ghost ARC meeting.....17th
Waverly ARS meeting.....18th
Manly-Warringah Radio Society lecture night.....18th
Western Sydney Amateur Astronomical Group meeting.....18th
Radio Veterans meeting at Parramatta RSL club.....19th
CW Operators' QRP Club 80m Scramble.....19th
Electric Vehicle Field Day at Amaroo Park, Anangrove.....20th
Blue Mountains ARC Fox Hunt.....20th
Amateur Radio Awareness Day (in the USA - how about VK?)..21st

If you would like to submit a news item for inclusion in the weekly broadcast, please send it to us by one of the following means:

- by post to the Divisional Office, PO Box 1066, Parramatta NSW 2124;
- by fax to (02) 9633-1525;
- by packet radio to BCAST@VK2WI.NSW.AUS.OC, or
- by Internet e-mail to wiansw@sydney.dialix.oz.au

Please note that the deadline for news items is 2pm on the Friday preceding the broadcast; if submitting news items by packet or internet, please allow for forwarding delays in the network.

If submitting printed copy, please:
- submit your news item on A4-size paper;
- double space your text;
- write on one side of the paper only, and
- use a plain font such as "Arial" or "Helvetica", 12-point or larger.

This is especially important if sending your news item by fax.

Please avoid using abbreviations and shorthand, and use the exact words you wish the announcer to say on-air. Remember, the more care you take in preparing your news item, the better the announcer will read it.

Wireless Institute of Australia (New South Wales Division)
Snail Mail: PO Box 1066, Parramatta NSW 2124, Australia.
Phone: +61 2 9689-2417
Fax: +61 2 9633-1525
Email: wiansw@sydney.dialix.oz.au
WWW: http://sydney.dialix.oz.au/~wiansw
Packet: news items to BCAST@VK2WI.NSW.AUS.OC

--
Richard Murnane VK2SKY
Email: richardm@zeta.org.au

Web: http://www.zeta.org.au/~richardm
Bonus Fool On the Hill Web page: http://www.zeta.org.au/...
...~richardm/psychology/case-studies/fool/index.html
Packet: vk2sky@vk2op.nsw.aus.oc

2575. Re: Who actually ENJOYS CW and could care less abo

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: carl@ais.net
Message-ID: <50qhdr$bka@news.ais.net>
Source record: 217314

In <50n352$h42@omnifest.uwm.edu>, fedpress@omnifest.uwm.edu (Rick Kissell) writes:
>I'm the local "Rip Van Winkle" of ham radio. I was away from the hobby for
>twenty years following high school graduation in 1973. When I got back into
>it, I replaced my HW-16 and Hustler 5BTV with a used TS-940SAT and a Cushcraft
>R7. On HF, I use CW exclusively, with the exception of checking in to the
>local radio club/s 10m SSB weekly net.
>
>On six meters --a band I've really come to love-- I use CW 30 - 40% of the
>time. It would be higher if there were more CW ops on six! There have been
>quite a few occasions when I was able to complete a 50 MHz QSO during a margin
>opening ONLY by switching to CW.
>
>So am I a newcomer or an old fart?
>

Rick,

Merely using CW does not make one a "CW olde farte" ... one must insist
that it's the only mode worthy of a test and vigorously jam it down the
throats of everyone else whether or not they care to partake in order to
join the "Loyal Order of CW Olde Fartz" ...

Carl - wa6vse
carl@ais.net

2576. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep7.024026.2184@ke4zv.atl.ga.us>
Source record: 217315
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <32304A92.7311@gte.net> Jim Conn <jconn@gte.net> writes:
>John Nelson wrote:
>> Michael P. Deignan wrote:
>> > So we should base what the ARS does on what happens in other services?
>>
>> To answer your question, yes, we should base what the ARS does on what
>> happens in other services. The others have found it useless. Most
>> prospective members of the ARS do likewise. The other services are
>> developing a voracious appetite for spectrum. The other services are
>> working hard to get as much throughput out of their investment in
>> equipment AND spectrum as possible. The ARS is doing precious little of
>> any of this. Whatever happened to "developing the art"?
>
>Why are some people so concerned about removing the morse requirment
>because of the "threat" that other services will take our spectrum? I
>know of no such threat to the HF spectrum. The spectrum being threatened
>is that spectrum already available to "no code" license holders. So get
>on up there and "develop" and "grow" and "use" to your hearts content.

No one saw the little LEO threat coming either. Don't be so smug in
thinking HF is safe from threats. New technologies are now beginning
to crack the hard problem of HF, and HF is beginning to look like a
viable lower cost alternative to dedicated geosync satellite data
links for several services.

>Why are the majority of packet stations still using archaic 1200 baud,
>when all those "technically expert" no-code technicians are licensed up
>there? Compared to the state of the art, morse is no more outdated than
>1200 baud packet. Why aren't these self-proclaimed technical gurus
>running the "high speed digital modes" on VHF/UHF they say they would
>implement on HF, if only it weren't for the code testing requirement
>keeping them out? I think those 56KB high speed digital modes would be
>less of a technical challenge on UHF than HF. Faced with the
>challenge of upgrading the archaic packet modes on VHF and UHF, I'm
>surprised that any of them would even give a moment's consideration to
>HF. They should be too busy implementing all these technical
>breakthroughs they are keeping up their sleeve until the morse requirment
>is eliminated.
>
>When they prove they can accomplish these wondrous "high speed digital"
>feats on UHF/VHF, they might be able to convince me they have a shot at
>pulling it off on HF.

56 kb packet *is* old hat. We've been doing that for 8 years. It's no challenge (strong signal technique in a simple gaussian noise environment rarely is). It is practically Plug and Play using hardware available off the shelf. The reason *everyone* doesn't use it is not technical. It is primarily ignorance and amateur politics. Ignorance can be cured, provided people will open their minds and listen, but politics is a nastier nut to crack (and not something most technical people care to address). One way to break the logjam is to bring in fresh people who aren't burdened by preconceived notions of what is possible and practical over amateur radio.

Outside of the metroplexes, amateur networks are sparse. VHF/UHF won't do to span the distances required to tie together the scattered VHF/UHF MANs. We need a WAN technology to do that, and barring amateur geosynchronous satellites, that's HF. HF offers difficult and novel challenges to the modem and protocol designer because of the unstable nature of the channel, IE multipath, non-gaussian noise, and variable propagation. This is where the really interesting work will be done by amateurs (regulations permitting). It is already starting to be done by developers in the commercial realm.

Geosync satellites will always be too expensive for amateurs as long as cost for access to GEO remains high. And that looks likely for the forseeable future (the Delta Clipper crash squelched the best hope of significantly lowering access to orbit costs). So if we are to build an affordable national and international network, we're going to have to use HF. Fortunately, the rapid decline in DSP hardware prices makes that feasible, and the nature of HF makes it possible to proceed piecemeal, unlike with a satellite, so that deployment costs can be spread over a suitable timeframe and suitable number of amateur participants so as not to be overly burdensome on any one individual or group of individuals. This is all provided amateur politics doesn't get in the way of course.

We need to shift our paradigm away from the telco model of high speed trunks and low speed local loops. Reality says amateurs must use high speed local loops and lower speed trunks. This is seen by some as a handicap, but it isn't really. Traffic analysis shows that the most intensely interactive and content rich traffic will be local, with less frequent and less demanding need for long distance traffic. With the proper paradigm, this can be a quite successful and useful model.

Much of our current amateur radio long distance traffic is highly redundant and low in information content. That can easily be compressed into more compact and efficient form. In many cases, complete messages can be compressed into a single symbol or small number of symbols. In theory, any message can be expressed as a single Godel number. In the past, this hasn't been practical due to limited computing resources. That's changed. While we might not actually want to use Godel numbers, we can use dictionary based (similar in concept to ARRL numbered radiograms,

but with many many more possible messages chosen automatically
by computer to match the message content entered by the amateur
as closely as possible) or recursive TIL based methods of compressing
content (Java is an example of a way to reduce traffic on
the network while still maintaining the illusion of a highly
interactive connection for the user).

As long as we can forego highly novel content rich exchanges, we
can utilize HF trunks with 8x less throughput than our local loops
without creating significant bottlenecks. Especially for interactive
exchanges, HF links are better because they have lower latency.
Latency is the real killer of interactivity, and it increases in
direct proportion to the number of relay hops used, and decreases
only marginally with increased trunk speeds. By replacing dozens
of UHF hops with a single HF hop, we can keep latency down enough
to more than make up for the relative ratio of trunk speeds.

By using improved signal modulation codings and demodulation
techniques, we can achieve 9600 baud on HF without excessive
bandwidth consumption. And we can use ALE techniques to take
advantage of the MUF to the maximum extent possible for the
path being traversed at any given hour. This will minimize
the store and forward delays which currently plague HF messaging.

We will need to produce a better dynamic routing protocol than
the mostly static ones we use now. We need for the network to
be able to self-configure and self-heal with minimal stored
central information and with minimal operator intervention.
We can't really develop this on VHF/UHF since the paths there
are not sufficiently variable to make realistic testing possible.

The bits and pieces to do all this are either available or
within reasonable expectations. We only need the opportunity
to pull them together. This depends very much on the attitudes
of amateurs. If amateurs remain stuck in old paradigms, it
will be difficult or impossible to bring this vision to
reality. If we can open up to new ways of thinking and operating,
then turning this sort of vision into reality will be much
easier.

In the beginning, amateur radio activity revolved around
networking (remember the American Radio *Relay* League?),
but we moved away from our roots along the way and have
mostly approached amateur radio as a solo competitive
"hobby" where the collection of "wallpaper" is the highest
goal. Growing our own national and international data networks
will return us to our roots in a way that Morse Code tests
never could.

Gary
--
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Lawrenceville, GA 30244 | |

2577. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep7.042201.2582@ke4zv.atl.ga.us>
Source record: 217316

In article <jlowmanDxBov2.7JJ@netcom.com> jlowman@netcom.com (Jim Lowman) writes:
>I have been a ham for 30 years now, and have always enjoyed CW. I was
>eligible to join QCWA at the "old" age of 43, and did join last year.
>
>I have enjoyed CW so much over the years, that I recently became a low-power
>(QRP) enthusiast and joined several QRP clubs as well as FISTS, a society
>for the preservation of code. With the QRPers it's almost all done with CW,
>plus these folks hold good operating procedures in high regard. This is
>also one of the last enclaves of homebrewing, something I've enjoyed through
>many a Heathkit.

Heathkit? Homebrew? Well maybe it is home soldering, but "insert lead,
solder two" isn't my idea of homebrew. I don't want to belabor this
too much since it's off the main topic, but if you don't put a bit of
creative energy into the project, in my mind it is just work at home
electronics assembly, something minimum wage workers are hired to do
(or more recently, what assembly line robots do).

I suppose that if you don't *have* to do it for a living it can be
considered fun, some people sure do enjoy building kits, and pride
of craftsmanship certainly has its place, but something a bit more
creative which engages the brain as well as the eye-hand coordination
might be even more fun. I have in mind, of course, the design phase
of a project. The actual assembly phase is just drudgery as far as
I'm concerned, a necessary evil to get to that "ah ha!" stage where
the project passes the smoke test and actually meets design expectations
(or more commonly does *not* meet expectations and leaves you with the
fascinating task of debugging to see what went wrong).

>I would be willing to go for a no-code (or maybe 5 wpm; that isn't asking
>that much) HF license, provided that there was no encroachment on the CW
>portions of the bands, ever. My own theory is that, when the phone bands
>become even more crowded, human nature says that there will be a grab for
>the CW portions of the band.

This is a legitimate concern. The data sub-bands could be put at risk
if too much pressure were placed on the voice and image sub-bands. So
we should encourage the use of data modes more on HF so that these
sub-bands are better defended. Remember, you can use CW anywhere, not
just in the data sub-bands. The data sub-bands are small enough now,
and defacto are even smaller since the data users voluntarily restrict
their spectrum usage to accomodate the CW users who tend to congregate
toward the bottom of the data sub-bands. We wouldn't want these limited
segments to become even smaller.

Frankly, in an ideal world I'd like to see all the formal sub-bands abolished. Each mode should be able to compete on its own merits (and in heavy interference, analog voice would be the big loser). But that may be unrealistic. We need to maintain the sub-bands in order to protect analog voice users from interference from the more robust machine digital methods with which they cannot cope. Manual methods tend to cause their users to become frustrated easily in the face of interference, and that tends to bring out bad manners. The machine methods don't get emotionally involved, and they have infinite patience.

Of course we could accomodate the voice users another way. We could switch from analog to digital voice techniques (preferably spread spectrum) and put voice on a more equal footing with the data modes. This would allow the abolition of the formal sub-bands entirely without incurring the bad manners we'd otherwise see. Such a switch is not implausible. It would be no more cumbersome to accomplish than the switch from DSB with carrier AM to SSB, and the benefits it brings would be similarly motivating.

But then that other manual method, OOK Morse, would be the one whose users suffer from frustration. In that regard, we'd need a sub-band which was OOK Morse exclusive, a sanctuary if you will, for those wishing to use this manual method. Since such a sanctuary does not now exist, I propose the lower 25 kHz of each band be set aside as such a sanctuary. We could convert to SS CW instead, but I don't think that would fly with most CW enthusiasts. It is the very primitiveness of the technique which seems to be its main appeal.

Gary
--
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Lawrenceville, GA 30244 | |

2578. Re: A *VERY* SCARY SCENARIO

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: andyb@qni.com
Message-ID: <50qmbg$m5i@suba01.suba.com>
Source record: 217317
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner

>By the way, if my son had died in an auto accident, I would WANT to know
>RIGHT AWAY.
>
Yeah...by some clown that calls up and says "Hey, I heard on the
scanner that your boy got creamed in a head on crash! You better get to
the morgue!"

I remember the old story about the cop delivering a death message to the
wife of a fatality accident victim. "Are you the widow Jones?", the cop
queries. "I am not." she replies. "The hell you aren't!" quips the cop.

2579. LDEs was (Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep7.051908.2918@ke4zv.atl.ga.us>
Source record: 217318

In article <50qde3$kn8@vixen.cso.uiuc.edu> w9sz@prairienet.org (Zack Widup) writes:
>I have also
>heard the weird amd fascinating sound of my own distorted CW signal coming
>back as an LDE on 20 meters.

Details please, how long was the delay, what sort of signal strength,
what exactly did it sound like, etc? LDEs are a mystery. Any first
hand accounts are eagerly awaited.

Gary
--
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Lawrenceville, GA 30244 | |

2580. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep7.050417.2788@ke4zv.atl.ga.us>
Source record: 217319

In article <50pu5u$m9$1@mhafn.production.compuserve.com> Hans K0HB
<71111.260@CompuServe.COM> writes:
>
>Yes, I know you can talk to "far away places" on phone,
>digital, and even visual modes, but somehow a whispery
>thin Morse signal adds to the "ambience". Yes, in
>many cases the conversations are painfully slow, but
>maybe that also is part of the attraction.... it tends
>to focus your thinking down to topics which reflect
>what you feel is "important" about yourself (age,
>how many kids, etc.).

Oh, I hope you know who doesn't see this. He'll start
complaining about the "I" disease of amateurs again. :-)
CW does have the benefit of forcing one to be concise.
That may be a virtue, but if it takes as long to say
as a more content rich communication, is it really a virtue
after all? Perhaps this is the reason many ham conversations
seem so stereotypical (on voice as well). It is because
we have been trained to say little because to say more
would be burdensome. Maybe not, perhaps we *are* just
boring regardless of methods used.

NcLuhan said that the medium *is* the message. Perhaps
that's what you're saying as well. It may not be important
to you whether you communicate effectively with another,
the mere act of communications may suffice (that would
certainly seem to be true for the Dxer). McLuhan divided
media into two types. Media like TV invokes the emotions,
while other media, such as books, invoke a more cerebral
reaction because books offer to make you think. Perhaps in
this regard you see CW as an emotional medium. There might
not be much content, but the character of the communications
is engaging on an emotional level. Instead of bubble gum for
the eyes, it is bubble gum for the ears and fingers.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2581. Cat program for 747

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: Pedro.Braz@gameover.alce.pt
Message-ID: <wgcid16g16000$h41$j3230d50e@alce.pt>
Source record: 217320

Hello All.

Hi!

does anyone got a CAt program (THAt works with 486 or Pentium) for the
Yeasu
Ft-747GX ??

thks in advance (plz e-mail)

73's

Pedro - CT1FQD

e-mail:pedro.braz@gameover.alce.pt

2582. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <50r5pm$5t1@anomaly.ideamation.com>
Source record: 217321
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <1996Sep7.024026.2184@ke4zv.atl.ga.us>,
Gary Coffman <gary@ke4zv.atl.ga.us> wrote:

>No one saw the little LEO threat coming either.

Yeah, so much for that "we need more hams to save our bands, let's
create a codeless tech license" pig-in-a-poke, eh?

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

2583. Old time radio TTF windows font posted in alt.binaries.fonts

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: wa2ise@netcom.com
Message-ID: <wa2iseDxCMz5.57L@netcom.com>
Source record: 217322

Just made up and posted in alt.binaries.fonts a public domain font:

Letters and numbers inside old time "cathredal" radios.

Should be good for titles and such in old equipment newsletters
and such. Enjoy.

73s

2584. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <50rooo$jcu@jupiter.planet.net>
Source record: 217323

> carl@ais.net%1:2619/211.9 (carl@ais.net%1:2619/211.9) writes:
> To: carl@ais.net%1:2619/211.9%12:320/100.666
> From: carl@ais.net
> Subject: Re: ARRL "Representation" on code and other issues
> Organization: American Information Systems, Inc.

> >
>
> The fact that groups like TAPR, AMSAT, and others, along with quite a
> few individuals had to beat the ARRL at its own lobbying game to get the
> code-free tech is proof enough to any rational person. The ARRL has its
> own agenda, and it doesn't agree with the views of the majority of US
> hams. (and it clearly conflicts with the desire of most wannabes who
> decide to stay away rather than subject themselves to the hazing ritual
> of CW testing.)

Funny, these groups have THEIR OWN agenda that helps their OWN members. Can
you even cite 1 example where AMSAT lobbied for your cause?? I think not. Yet
the ARRL has given 1000's of $$$ to support Amsat. Plan and simple, the ARRL is the only
lobby in Washington. Do you see CQ there or W5YI??? I think not

>
> Stupid questions like "Seen any Clover pileups lately?" and dozens more
> that show complete ignorance of the new technology that's available and
> the inability/unwillingness to understand its benefits/value, and how
> the future of ham radio depends on progress, not stagnation.
>

Funny, all the new technology you propose seems to be geared towards
VHF+. A no code license is perfect, where's all the techno-weinies
you keep saying that code holds back??? why aren't they perfecting
new amazing techo-wizardrey for the VHF+ frequencies??

Tell you what Kar-el. You give me 6 convincing reasons how a no code HF license is
going to save the HF bands, where code is being used on a regular basis, and I will take up
the cause.

I want YOU to cite examples of HF band loss, how the HF bands are under attack
by commercial interests. How the HF bands will benefit by the increased numbers
of operators. In short, tell me a great a wise sooth sayer, say me some sooth

Steve

2585. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <50rpe8$jet@jupiter.planet.net>
Source record: 217324

> carl@ais.net writes:

too many existing hams really don't have
> a clue about the radio part (but they can copy xwpm CW) ... they just
> memorized some multiple guess questions.

Gee, what a slap at those who aspired to rise above the status quo
and work towards better themselves. Kinda makes the no code agruement
the radio equiv. to a welfare state

insults are the last recourse of a weak agruement

> As for the commercial license equivalent, I passed that in 1975, too.

I got mine in 1972, and you point is????

> Carl - wa6vse
> carl@ais.net

steve KF2TI
>
>
>>>>

2586. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <50rq0f$jet@jupiter.planet.net>
Source record: 217325

> carl@ais.net%1:2619/211.9 (carl@ais.net%1:2619/211.9) writes:

> I think you meant "quite" happy not "quick" happy ...

Yes, that's correct Mr anal retentive, it's quite, not quick. It;s hard
to type without hands.

> So you're not willing to "put your money where your mouth is" and help
> finance a more meaningful survey??? I suspect you're probably convinced
> you'd not like the outcome. (i.e., the fall of the status quo that you
> apparently love so much.

Not in the least, i chose not to spend my hard earned money like this. Since you
offered, i saw no reason to "throw my 2 cents in"

> >> (Carl wrote)
> >>>>My view is that the public interest would best be served by a vital,
> >>>>growing, technically-progressive amateur radio service, not a bunch of
> >>>>increasingly senile old-timers whose primary interest is in protecting
> >>>>"their" bands from newcomers and new modes that they can't comprehend.
> >>>>
> > >
> > >Well old timer, what makes you think they can't comprehend?
> >
> > Stupid questions like "Seen any Clover pileups lately?" and dozens more
> > that show complete ignorance of the new technology that's available and
> > the inability/unwillingness to understand its benefits/value, and how
> > the future of ham radio depends on progress, not stagnation.

all your new technology is for the VHF+ bands, which is accessable with
a noncode (new term) license. how does HF benefit from this new technology.

I ask you specifically since you are the holder of several patent leather shoes
have reached the moon without need of a spacecraft and have held
a commercial license since 1975, which btw, was a multiple choice type of test.

So please, as stated before cite examples

and I ask again, is your real name Vince? seems you and he are never on at the
same time Hmmmmm???? you don't suppose??? Nahhhh

steve

2587. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: Ed Hare <ehare@arrl.org>
Message-ID: <50rpv7$ggs@mgate.arrl.org>
Source record: 217326
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

kd1hz@anomaly.ideamation.com (Michael P. Deignan) wrote:

>In article <1996Sep7.024026.2184@ke4zv.atl.ga.us>,
> Gary Coffman <gary@ke4zv.atl.ga.us> wrote:

>>No one saw the little LEO threat coming either.

>Yeah, so much for that "we need more hams to save our bands, let's
>create a codeless tech license" pig-in-a-poke, eh?

The folks who put the amateur 2-meter and 70-centimeter bands on the plate for the little LEOs probably honestly believed that they could be legitimate sharing partners. They are not looking to be primary in the amateur bands. I don't know whether they are seeking to be primary in any of the many other frequencies they put on the plate, but it is quite likely that they are not.

In this case, I think the sheer volume of the response certainly got their attention. When we learned that they were seeking amateur frequecies, we asked that they be removed from consideration. We were told that no frequencies would be removed. We then pointed out that ARRL would have to oppose this with vigor, inform our Members and the amateur community what was taking place and seek their support. This was quite acceptable to all concerned. I suspect that they had envisioned a small number of letters and a few filings and reports from ARRL. I feel comfortable estimating that a significant number of the response came from "no-code" Technicians. I am pleased that on this one issue, hams are setting aside their differences and taking what steps are necessary to protect our spectrum (for the most part, anyway, 73 editorials notwithstanding).

While a few of the responses were certain to be inflammatory, from what I have learned, most of them were well reasoned, explaining how important those two bands are to hams. From there, the ARRL has continued to monitor the situation and offer substantial input. Zack Lau and Paul Rinaldo are just wrapping up a 40+ page technical report, describing all of the technical parameters of amateur operation on the two bands in question.

73 from ARRL HQ,
Ed Hare, KA1CV,
ARRL Laboratory Supervisor

2588. Re: Burbank, CA a "dead" zone for VHF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: Jay123a <jay123a@gargamel.ptw.com>
Message-ID: <32318104.0@mothra.westworld.com>
Source record: 217327

Ah yes Burbank California, been there done that. Burbank has the Santa Monica mountains to the south and the Verdugo Mountains to the north.

The locals call Burbank a RF sump. I have worked in Burbank fo about 20 years, and as I enter burbank through Sun Valley, I don't even try to use the 2 meter radio, I listen a FM stereo station, if the skip is in.

It is also belived that RF in Burbank is simply sucked in and forgotten.

Jay jay123a@ptw.com

2589. Re: Who actually ENJOYS CW and could care less abo

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: js@ibbs.av.org
Message-ID: <82@ibbs.av.org>
Source record: 217328

In article <50qhdr$bka@news.ais.net>, carl@ais.net (carl@ais.net) writes:
>In <50n352$h42@omnifest.uwm.edu>, fedpress@omnifest.uwm.edu (Rick Kissell) writes:
>>I'm the local "Rip Van Winkle" of ham radio. I was away from the hobby for
>>twenty years following high school graduation in 1973. When I got back into
>>it, I replaced my HW-16 and Hustler 5BTV with a used TS-940SAT and a Cushcraft
>>R7. On HF, I use CW exclusively, with the exception of checking in to the
>>local radio club/s 10m SSB weekly net.
>>
>>On six meters --a band I've really come to love-- I use CW 30 - 40% of the
>>time. It would be higher if there were more CW ops on six! There have been
>>quite a few occasions when I was able to complete a 50 MHz QSO during a margin
>>opening ONLY by switching to CW.
>>
>>So am I a newcomer or an old fart?
>>
>
>Rick,
>
>Merely using CW does not make one a "CW olde farte" ... one must insist
>that it's the only mode worthy of a test and vigorously jam it down the
>throats of everyone else whether or not they care to partake in order to
>join the "Loyal Order of CW Olde Fartz" ...
>
>Carl - wa6vse
>carl@ais.net
>
>
>

I am an old fart. For 11 years I have used both voice and CW. CW is a
mode worth using. I can go both ways on this issue. If CW where to
be gotten rid of, then I would like to see the 500 question pool NOT be
released and questions and answers. Simply release a text book that
will need to be studied in detail in order to pass the test.

On the other hand there is no reason to get rid of CW. Either as a
mode or as a requirement to get a license. Why be lazy, why look at
it as such hard work? Just learn it. It is not that hard to do. It
is sorta fun to learn and use.

What can I say folks. I miss the old days. The days when as a young
man of 18, keeping the coffee pot warm on top of the radio. That nice
orange glow of the tubes, and neat shadows it leaves on the wall.
That slight dim of the lights when one tunes up. The ckt breakers
tripping off when SWR reached 3:1. Voltmeters bigger than the desk

the radio sits on. Now I tune up and find almost no one to talk with.
A real bumber...

-
--

- ----
--- ------
-THEY DON'T GET OFF TIL WE COME>
--- ------
- ----

--
-
-

2590. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep7.142233.4267@ke4zv.atl.ga.us>
Source record: 217329
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <50r5pm$5t1@anomaly.ideamation.com> kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:
>In article <1996Sep7.024026.2184@ke4zv.atl.ga.us>,
> Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>
>>No one saw the little LEO threat coming either.
>
>Yeah, so much for that "we need more hams to save our bands, let's
>create a codeless tech license" pig-in-a-poke, eh?

Fortunately, though we couldn't know exactly from where threats would come, some of us did expect further threats after losing 220-222 MHz. We couldn't hold onto that spectrum because we couldn't document adequate usage of it, and we couldn't show amateur growth rates which would require it in the future. At the time of the 220-222 MHz loss, our growth rate was stagnant, actually probably negative due to the unpurged silent keys. (Novice Enhancement had been a huge yawn, and didn't allow operation below 222 MHz anyway.)

Thus the fact that we've grown our numbers by 33% since 1991 turned out to be wise. While the little LEO threat may not have subsided completely, we appear to have intimidated them quite a bit and there has been no further mention of grabbing 2m or 70cm coming from the committee in their last 3 meetings. They appear to have dropped the idea like a lead balloon.

We likely couldn't have done that with the stagnant growth statistics of the 1980s. But because we do have vigorous growth in that part of our spectrum, it became apparent that reallocating it would not be the easy pickings that the 220-222 MHz grab had been. So contrary to your assertion, it would appear that the code test free Tech program is working just as we had expected it would in defending our VHF/UHF spectrum from other interests.

Of course under the "trickle down" theory, some of the growth due to the code test free Tech license has found its way to HF as well, but not with the same percentage growth rate as on VHF/UHF. Thus HF usage does still appear relatively stagnant, just as 220-222 MHz usage did before it was taken.

The HF broadcasting committee is still floating the idea of digital stereo SW broadcasting (the alternative of a move to SSB broadcasting appears to be dead in the water). So there still exists a potential threat to amateur HF spectrum from that quarter. And as I mentioned,

a number of utility services are eyeing returning to HF using digital techniques and ALE in preference to the more expensive dedicated GEO satellite links to which they moved in the 1980s.

The digital SW broadcasting proponents have a potentially potent system. They say that the entire receiver can be reduced to a single consumer chip, that the consumer would merely enter the station he wished to hear and the radio would automatically find, lock onto, and decode the station's signal. Unlike SSB, very little user skill or intervention would be required. Since it can be reduced to a single consumer chip, receiver cost wouldn't be out of line with the needs of the SW broadcast listening audience either. This makes it very attractive to the broadcasters (and the receiver manufacturers).

A similar system is currently undergoing trials for use in the standard AM broadcast band (I've had the opportunity to witness some of those tests, it works astonishingly well, the 50 watt digital signal duplicated the coverage of our 50,000 watt AM transmitter while delivering full stereo audio of a quality at least equalling conventional FM broadcast). This is something we need to be watching closely.

The AM and SW broadcasters have to do *something*. They're seeing their audiences disappear to FM domestically, and in the future to DAB satellite both domestically and internationally (consumer DAB has already come to Europe). If they don't radically update their technology, they're history. The stereo AM debacle shows that baby steps won't do it. They have to leapfrog the competition's offerings, or they won't be able to attract the consumer's attention.

Aside from conventional analog FM broadcast, which continues to be "good enough" (for now) for the voice and music uses to which it is put, nearly every other user of radio spectrum is going digital. TV is going digital, AM broadcast is very very likely to go digital, SW broadcast is likely to go digital, utility stations will certainly go digital, cellphone is already going digital, etc. All of these moves will have impacts on spectrum requirements (some good for us, some bad).

These moves will also have impacts on the technologies available to us as amateurs. Leaded discrete components are already disappearing rapidly, and the move to digital will only accelerate that trend. Higher and higher levels of VLSI integration will replace discrete circuits. Most of a radio will reside in firmware. If we don't upgrade our methods and skills to deal with digital signaling, and learn to "build" radios in firmware, we'll be history too for the simple reason that if we don't all we'll have left to work with will be cat's whiskers, galena, and spark gaps (even ignition coils are disappearing on new cars, so the expedient of a Model T Ford spark coil is lost to us).

The handwritng is on the wall for those willing to read it. Things are changing, and changing increasingly rapidly. If we don't change with them, we'll be lost.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2591. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: carl@ais.net
Message-ID: <50s7vj$a97@news.ais.net>
Source record: 217330
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <50rpv7$ggs@mgate.arrl.org>, Ed Hare <ehare@arrl.org> writes:
>
>The folks who put the amateur 2-meter and 70-centimeter bands on the
>plate for the little LEOs probably honestly believed that they could be
>legitimate sharing partners. They are not looking to be primary in
>the amateur bands. I don't know whether they are seeking to be primary
>in any of the many other frequencies they put on the plate, but it is
>quite likely that they are not.
>

Ed, I can't believe that you are actually naieve enough to believe that
.. they're technical folks ... they understand the realities of
weak-signal satellite links ... they know that the 2m and 70cm are
already quite heavily occupied (by amateur standards, considering the
present state of technology in wide-spread use by amateurs). Actually,
if the ARRL IS naieve enough to believe what you said above, it should
immediately raise a serious question about the ARRL's ability to
"protect" our allocations by recognizing potential threats ...

They're not going to spend a few hundreds of millions of dollars to
launch their constellations of satellites and then passively accept the
interference they'd get ...

They're hoping to "get their foot in the door" ... plain and simple ...
and IF they do, once they launch their systems and "discover that their
sharing plans don't work after all" they'll be back at the FCC in a
heartbeat, complaining about interference and seeking to "move the hams"
.. guaranteed!

73,
Carl - wa6vse
carl@ais.net

2592. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: carl@ais.net
Message-ID: <50s93r$a97@news.ais.net>
Source record: 217331

In <jlowmanDxBov2.7JJ@netcom.com>, jlowman@netcom.com (Jim Lowman) writes:
>I would be willing to go for a no-code (or maybe 5 wpm; that isn't asking
>that much) HF license, provided that there was no encroachment on the CW
>portions of the bands, ever. My own theory is that, when the phone bands
>become even more crowded, human nature says that there will be a grab for
>the CW portions of the band.
>
>73 de Jim - KF6CR
>
>
Jim,

So in the future, when, whether present CW fans like it or not, there will likely be diminishingly less CW activity as younger hams adopt newer, more efficient modes, the present amount of spectrum should be allocated for CW?

Remember ... in most of the CW bands, those new-fangled digital modes are already authorized ...

Also, in the future, there will be digital alternatives to SSB ...

As a result of the inevitable march of progress, there should be no "permanant guarantee" of a set amount of spectrum for ANY mode ... times will change, usage patterns will change, and we have to be prepared to adapt ...

73,
Carl - wa6vse
carl@ais.net

2593. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: carl@ais.net
Message-ID: <50s8qq$a97@news.ais.net>
Source record: 217332

In <1996Sep6.224544.1465@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>activities. I was net control for our state SSB net, and also served as
>liaison to our CW net when no one else could be found to do it. Those nets
>are technologically obsolete now (they were then too in truth, even then we
>booked traffic from those nets to RTTY for long haul transport, but the
>average CW traffic handler didn't want to know about that).
>

Right ... the average CW fanatic "doesn't want to know about" new
technology ... they like the rut they're in and want to drag everyone
down to that level, probably to justify their own feeling that "this is
neat stuff" ... after all, if they ADMIT that the mode is antiquated,
then it's harder for them to feel "superior" to all us "lesser"
individuals (whether we're licensed or not).

>What I hated, and still consider absurd, are the regulations which
>require passage of increasingly more rapid manual Morse tests in order
>to gain unrelated operating privileges on long haul spectrum. Even
>32 years ago there were better techniques than manual Morse, and
>today that is even more true. Yet, like the inefficient farmer, the
>Morse contingent still wants a government enforced protective tariff
>or subsidy in the form of tests unrelated to privileges granted. This
>sort of protectionist mentality is abhorrent and makes Morse a mode
>on welfare. That I hate.
>

Agreed ...

>But I don't hate Morse Code. As a historical artifact of a bygone era,
>it is interesting. But as a current day tool, like the buggy whip in an
>era of horseless carriages, it is a quaint anachronism. I occasionally
>like to visit technological museums, in order to appreciate how far we've
>come, but I wouldn't want to have to live with that technology every day.
>Manual Morse is not a sharp tool, and it is sharp tools that I want to
>perform the communications tasks which I desire to accomplish via amateur
>radio.
>

Agreed ...

>I am always looking for better solutions to old
>problems, and newer applications to be served. That makes me a
>technophile. Thirty two years ago, I thought all amateurs were
>technophiles.

Fooled you, didn't they ... sad part is they continue to fool themselves into believing that CW is "important" in any sense other than their own perception of its nostalgic value ...

>In recent years I've realized that isn't true. Just
>as in society in general, there are technophobes (modern day
>Luddites) in amateur radio as well. I find that ironic (and not
>a little disturbing considering the charter of the service), but
>there it is.
>
>I've always felt that raging against machines, literal or figurative,
>was one of the highest crimes against humanity. The machine is the
>embodiment of the finest of human thought and creativity. To rage
>against that is to rage against what is best in Man. Man is differentiated
>from other animals because he is the premiere toolmaker on this planet.
>The development of newer and better tools should be met with joy, and
>not with hate. Inevitably, old tools are displaced when newer and better
>ones become available. That should not make us hate the older tool. It
>once served us as well as it could and deserves an honored retirement.
>

Gary, I'm sure *I* understand your intent in the previous and following quotes, but it's VERY important to emphasize that the "honored retirement" should come though voluntary disuse and replacement by better technology, not by a ban on the use of Morse.

>Let Morse join spark in assuming an honored place in the museum of radio
>history. And let those whose joy is the re-enactment of history continue
>to bring it out, dust it off, and play with it from time to time. That
>is fit and proper. But let the technophile rejoice in the newer and better
>tools available to him as well. Don't burden him with a re-enactment in
>which he has no interest and for which he has no need.

Again, unlike spark (which was a major source of wide-band interference), CW (which does not present the same problems) should NOT be banned, just not mandated ... we have to be VERY clear about this, or we start a "they want to ban CW" panic amongst the CW adherents ...

73,
Carl - wa6vse
carl@ais.net

2594. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: carl@ais.net
Message-ID: <50s9ci$a97@news.ais.net>
Source record: 217333

In <50qde3$kn8@vixen.cso.uiuc.edu>, w9sz@prairienet.org (Zack Widup) writes:
>
>
>So for those of us that enjoy it, let's keep using it! See you on the
>bands!
>
>73, Zack W9SZ
>--
>

Zack,

I am happy (really) that YOU enjoy CW ... great, fine, keep it up, have
at it ..

All the technophiles amongst us are saying is that we don't share your
interest ... we want do do other things that have absolutely nothing to
do with CW ... so we see NO sense in requiring someone to waste the time
and effort to "jump through a hoop" that has no value to them and
demonstrate a "skill" that they will probably NEVER use again ...

73,
Carl - wa6vse
carl@ais.net

2595. Re: Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: carl@ais.net
Message-ID: <50s9ke$a97@news.ais.net>
Source record: 217334

In <50qmrl$5h8@anomaly.ideamation.com>, kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:
>
>> >Oh yes. Propagation has been just so wonderful lately.
>>
>> IF *you* knew much about HF, you'd know that 40m should be open long
>> distances in various directions at various times of the day
>
>And your point is... what?
>
>MD

My point is that your previous implication that Drew only hear old folks because he lives in Florida was rediculous.

Drew could be (an likely was) hearing folks from all over the place.

That's the point that I was making ...

Carl - wa6vse
carl@ais.net

2596. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: 70015.1514@compuserve.com
Message-ID: <09960802172709.OUI91.70015.1514@compuserve.com>
Source record: 217335

>> >
> Only "members" get QST (where the survey was printed) ...
> supposedly some non-members were mailed a copy, but I've not heard of
> any proof of that ...
>
>
> Carl - wa6vse
> carl@ais.net

QST is available for sale in a variety of electronic stores and book stores. they have the survey as well <<

Its even available at the grocery store in my town. Any one that wants it can get it. 73 de Dave, N0IT

2597. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: carl@ais.net
Message-ID: <50seej$f1o@news.ais.net>
Source record: 217336

In <50qlto$5fq@anomaly.ideamation.com>, kd1nr@anomaly.ideamation.com (Anthony S. Pelliccio) writes:
>In article <50nufc$p18@news.ais.net>, <carl@ais.net> wrote:
>>
>>As I said in another post, packet radio USER links should be
>>ROUTINELY running at 56-64kbps MINIMUM and "backbone" links at T1
>>(1.544Mbps) or faster.
>>
>How I'd love to see packet links at 56KB and higher. I believe the real reason>
>reason we don't have links that fast is due to the commercial interests
>not the lack of technical skill.
>>
>Tony

Tony,

Why should the ham gear manufacturers spend the time and money developing truly state-of-the-art stuff when huge numbers of hams think that the "old-hat" technology they're currently making is "wonderful stuff?"

As Gary pointed out, even 1200 baud packet is so incredibly faster than CW that, by comparison, it's "blazingly fast" ... it's sad that more hams don't have the technical knowledge to realize how backward the gear that's available to them actually is ...

Carl - wa6vse
carl@ais.net

2598. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: carl@ais.net
Message-ID: <50sfvv$f1o@news.ais.net>
Source record: 217337
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <1996Sep7.024026.2184@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>
>No one saw the little LEO threat coming either. Don't be so smug in
>thinking HF is safe from threats. New technologies are now beginning
>to crack the hard problem of HF, and HF is beginning to look like a
>viable lower cost alternative to dedicated geosync satellite data
>links for several services.
>

Right, Gary ... I suspect that the reason that the pro-code folks
can't see it coming is that CW is all they can envision HF as being
useful for ... unfortunately for them (and the rest of us who are
saddled with their short-sighted, unimaginative influence to date on the
regulatory structure) there are others who are more imaginary ... and
they will find uses for HF like the ones you suggest.

>56 kb packet *is* old hat. We've been doing that for 8 years. It's
>no challenge (strong signal technique in a simple gaussian noise
>environment rarely is). It is practically Plug and Play using hardware
>available off the shelf. The reason *everyone* doesn't use it is not
>technical. It is primarily ignorance and amateur politics. Ignorance
>can be cured, provided people will open their minds and listen, but
>politics is a nastier nut to crack (and not something most technical
>people care to address). One way to break the logjam is to bring in
>fresh people who aren't burdened by preconceived notions of what
>is possible and practical over amateur radio.
>

Precicely accurate on all counts ...

>Outside of the metroplexes, amateur networks are sparse. VHF/UHF
>won't do to span the distances required to tie together the scattered
>VHF/UHF MANs. We need a WAN technology to do that, and barring amateur
>geosynchronous satellites, that's HF. HF offers difficult and novel
>challenges to the modem and protocol designer because of the unstable
>nature of the channel, IE multipath, non-gaussian noise, and variable
>propagation. This is where the really interesting work will be done
>by amateurs (regulations permitting). It is already starting to be
>done by developers in the commercial realm.
>

And we'd better be perceived as pushing technology forward, or someone
else will come along and try to apply a "Pioneer's Preference" argument
to themselves to reallocate our HF spectrum for their new use ... in
this regard, adherence to CW does NOT "cut the mustard" ...

>We need to shift our paradigm away from the telco model of high
>speed trunks and low speed local loops. Reality says amateurs
>must use high speed local loops and lower speed trunks.

This is an interesting concept ... I'm not sure I agree that it's
necessary (or completely correct) but I need to think this one over
a bit ...

>seen by some as a handicap, but it isn't really. Traffic analysis
>shows that the most intensely interactive and content rich traffic
>will be local, with less frequent and less demanding need for long
>distance traffic. With the proper paradigm, this can be a quite
>successful and useful model.
>

Same response as previous paragraph ...

>Much of our current amateur radio long distance traffic is highly
>redundant and low in information content. That can easily be
>compressed into more compact and efficient form. In many cases,
>complete messages can be compressed into a single symbol or
>small number of symbols. In theory, any message can be expressed
>as a single Godel number. In the past, this hasn't been practical
>due to limited computing resources. That's changed. While we
>might not actually want to use Godel numbers, we can use
>dictionary based (similar in concept to ARRL numbered radiograms,
>but with many many more possible messages chosen automatically
>by computer to match the message content entered by the amateur
>as closely as possible) or recursive TIL based methods of compressing
>content (Java is an example of a way to reduce traffic on
>the network while still maintaining the illusion of a highly
>interactive connection for the user).
>

The average CW proponent is probably wondering "What the hell does
coffee have to do with the code?" ... :-)

>As long as we can forego highly novel content rich exchanges, we
>can utilize HF trunks with 8x less throughput than our local loops
>without creating significant bottlenecks.

But must we sacrifice content? I don't think so ...

>Especially for interactive
>exchanges, HF links are better because they have lower latency.

I'm not sure I understand why anything other than HF *must* have
(significantly) high(er) latency ...

>Latency is the real killer of interactivity, and it increases in
>direct proportion to the number of relay hops used, and decreases
>only marginally with increased trunk speeds. By replacing dozens
>of UHF hops with a single HF hop, we can keep latency down enough
>to more than make up for the relative ratio of trunk speeds.

>

Again, interesting ...
This, of course, applies to "current" 1200/9600 baud AFSK packeet
"technology", but I don't beleive that it has to apply to *all*
techniques that could be applied above HF ...

However, the idea of using HF clearly has merit ... perhaps as an
adjunct to other means in some applications and a replacement to other
means in some? ... if the "network" is designed properly, the medium
should be (at least relatively) transparent to the application ...

>By using improved signal modulation codings and demodulation
>techniques, we can achieve 9600 baud on HF without excessive
>bandwidth consumption.

This is correct, but to an extent panders to the idea that using more
bandwidth is inherently "bad" and inefficient ... which I know *you*
know is not true ...

>And we can use ALE techniques to take
>advantage of the MUF to the maximum extent possible for the
>path being traversed at any given hour. This will minimize
>the store and forward delays which currently plague HF messaging.
>

Yup ...

>We will need to produce a better dynamic routing protocol than
>the mostly static ones we use now. We need for the network to
>be able to self-configure and self-heal with minimal stored
>central information and with minimal operator intervention.
>We can't really develop this on VHF/UHF since the paths there
>are not sufficiently variable to make realistic testing possible.
>

More yup ...

>The bits and pieces to do all this are either available or
>within reasonable expectations. We only need the opportunity
>to pull them together. This depends very much on the attitudes
>of amateurs. If amateurs remain stuck in old paradigms, it
>will be difficult or impossible to bring this vision to
>reality. If we can open up to new ways of thinking and operating,
>then turning this sort of vision into reality will be much
>easier.
>

Yet more yup ...

>In the beginning, amateur radio activity revolved around
>networking (remember the American Radio *Relay* League?),
>but we moved away from our roots along the way and have
>mostly approached amateur radio as a solo competitive

>"hobby" where the collection of "wallpaper" is the highest
>goal. Growing our own national and international data networks
>will return us to our roots in a way that Morse Code tests
>never could.
>

Claro que si!

73,
Carl - wa6vse

2599. Re: The party is over for CB

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: wb6w@netcom.com
Message-ID: <wb6wDxDLv6.Eps@netcom.com>
Source record: 217338

My newsreader claims that Dana Myers (myers@West.Sun.COM) wrote:
: In article <ken.thompson.1386.00098237@Symbios.COM>,
: do not send junk e-mail <ken.thompson@Symbios.COM> wrote:
: >>You better hope and pray that the bozo cop who gets dispatched to
: >>investigate an interference complaint is technically qualified to judge
: >>what is a CB station and what is a ham station.
: >
: >She does not have to judge. Just to ask the operator.

: "Hi sir, are you breaking the law?"

: [...]

: >> How
: >>will the investigating officer know the difference between a CB linear
: >>and a 10 meter linear?
: >
: >By asking the operator?

: I don't suppose you know any police officers. Maybe, if you ever
: get a chance to meet one in a casual situation, ask the officer
: how many times they get lied to. You might be surprised - there
: are a great many people out there that lie to police officers, so
: police officers usually have to guess at what the truth is.

: >I think it is great to help get the CB problem into
: >local hands more inclined
: >to use it for a revenue source.

: That is a pretty naive perspective.

: --
: * Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
: * (310) 348-6043 | not be interpreted or represented as *
: * Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

I think there is more of a problem than that. The courts have held for many
years that, because of its inherent nature, all radio transmissions are
interstate commerce. The U.S. constitution specifically allocates the right
to regulate interstate commerce to the federal government.
The U.S.Congress cannot abdicate this responsibility without amending the
constitution.

Perhaps these bozo congresscreatures have some other agenda on their minds.
...like mebbe legislating that pi is exactly 3.0.

...the $64 question is, how do people who are this ignorant get elected?
answer: Their constituencies are even more ignorant that then are.
--
****
* "Two wrongs don't make a right, but three lefts do." *
* *
* wb6w@netcom.com - Glenn Thomas *
****

2600. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDxDLyI.K9x@netcom.com>
Source record: 217339

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

: Heathkit? Homebrew? Well maybe it is home soldering, but "insert lead,
: solder two" isn't my idea of homebrew. I don't want to belabor this
: too much since it's off the main topic, but if you don't put a bit of
: creative energy into the project, in my mind it is just work at home
: electronics assembly, something minimum wage workers are hired to do
: (or more recently, what assembly line robots do).

That's true, Gary. My point, although I didn't make it clear, was to contrast kit assembly with buying gear and plugging it in. It gave me the sense of having participated in the process of getting equipment on the air, not to mention a heightened sense of how these things worked. At the time I was an air traffic control radar tech, so ham radio and kitbuilding were the logical extensions of my job at the time.

I never did feel qualified to design much of anything, as my only formal education in the field of electronics dealt with the aspect of maintenance.

: I suppose that if you don't *have* to do it for a living it can be
: considered fun, some people sure do enjoy building kits, and pride
: of craftsmanship certainly has its place, but something a bit more
: creative which engages the brain as well as the eye-hand coordination
: might be even more fun. I have in mind, of course, the design phase
: of a project. The actual assembly phase is just drudgery as far as
: I'm concerned, a necessary evil to get to that "ah ha!" stage where
: the project passes the smoke test and actually meets design expectations
: (or more commonly does *not* meet expectations and leaves you with the
: fascinating task of debugging to see what went wrong).

Right; if I were able to design equipment, the actual assembly might be an anticlimax. I always did enjoy soldering components to PCBs, but dreaded the inevitable point-to-point wiring.

: >I would be willing to go for a no-code (or maybe 5 wpm; that isn't asking
: >that much) HF license, provided that there was no encroachment on the CW
: >portions of the bands, ever. My own theory is that, when the phone bands
: >become even more crowded, human nature says that there will be a grab for
: >the CW portions of the band.

: This is a legitimate concern. The data sub-bands could be put at risk
: if too much pressure were placed on the voice and image sub-bands. So
: we should encourage the use of data modes more on HF so that these
: sub-bands are better defended. Remember, you can use CW anywhere, not
: just in the data sub-bands. The data sub-bands are small enough now,
: and defacto are even smaller since the data users voluntarily restrict

: their spectrum usage to accomodate the CW users who tend to congregate
: toward the bottom of the data sub-bands. We wouldn't want these limited
: segments to become even smaller.

Glad I'm not alone in this thinking. But isn't this *really* what the code/no-code debate is about? I can't believe that most of the defenders of CW are doing so, just because they feel that everyone should have to pass a code test, simply because they did. There have been some counterexamples to the notion that CW is a lid filter, but I tend to believe in this theory to some degree. After all, very little, in real life, is 100% effective.

In college, I had to take classes that I deemed irrelevant to my science major, and would never use, but that's just part of getting the degree. In studying for my Extra, I have learned about every obscure mode of communications available to hams, although I will never use ACSSB or packet, in all probability. I did learn enough about spread-spectrum techniques to whet my appetite for this high-tech mode, though. Learning is never a total loss.

: Of course we could accomodate the voice users another way. We could
: switch from analog to digital voice techniques (preferably spread
: spectrum) and put voice on a more equal footing with the data modes.
: This would allow the abolition of the formal sub-bands entirely
: without incurring the bad manners we'd otherwise see. Such a switch
: is not implausible. It would be no more cumbersome to accomplish
: than the switch from DSB with carrier AM to SSB, and the benefits
: it brings would be similarly motivating.

I wouldn't mind giving this a shot.

: But then that other manual method, OOK Morse, would be the one whose
: users suffer from frustration. In that regard, we'd need a sub-band
: which was OOK Morse exclusive, a sanctuary if you will, for those
: wishing to use this manual method. Since such a sanctuary does not
: now exist, I propose the lower 25 kHz of each band be set aside as
: such a sanctuary. We could convert to SS CW instead, but I don't
: think that would fly with most CW enthusiasts. It is the very
: primitiveness of the technique which seems to be its main appeal.

Maybe this is just the right compromise, then.

73 de Jim - KF6CR

2601. W. CT Hamfest close to NY state line, 15-Sep

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: KD1YV <jimkd1yv@ix.netcom.com>
Message-ID: <3231C57F.C72@ix.netcom.com>
Source record: 217340
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc

THE WESTERN CONNECTICUT HAMFEST
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include 1 admission), mail to:
Candlewood Amateur Radio Association, PO BOX 3441, Danbury CT 06813

For more info, phone (203) 790 7041 or (203) 438 6782.

Hope to see you all there.
73 de KD1YV
Jim

2602. Little LEO again (was Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <50sins$s79@abyss.West.Sun.COM>
Source record: 217341
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <50rpv7$ggs@mgate.arrl.org>, Ed Hare <ehare@arrl.org> wrote:
>kd1hz@anomaly.ideamation.com (Michael P. Deignan) wrote:
>
>>In article <1996Sep7.024026.2184@ke4zv.atl.ga.us>,
>> Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>
>>>No one saw the little LEO threat coming either.
>
>>Yeah, so much for that "we need more hams to save our bands, let's
>>create a codeless tech license" pig-in-a-poke, eh?
>
>The folks who put the amateur 2-meter and 70-centimeter bands on the
>plate for the little LEOs probably honestly believed that they could be
>legitimate sharing partners. They are not looking to be primary in
>the amateur bands. I don't know whether they are seeking to be primary
>in any of the many other frequencies they put on the plate, but it is
>quite likely that they are not.

This little nugget of very important information was left out
of the original "Write Now!" announcement, and, I believe, that
was a grave error.

I recognized the "Write Now!" announcement as a clear invitation
to mailbomb the working group members, and therefore did *not*
write email - until I learned a little more. It wasn't very
difficult to figure out that the working group was looking to
find frequencies to share, not take over.

"What's the difference?" one might ask. Well, the difference is
simple - writing a thousand notes to the working group members
explaining how amateur radio is really important and 2m is
especially important didn't address the real issue. In fact,
I think it makes amateurs look a little stupid, since the
working group wasn't proposing to take 2m away but that's
how the amateurs behaved.

So, the working group was reminded that amateur radio is
important - is this something they don't already know?

The real issue has to do with how sharable the 2m and 70cm bands
are. It was fairly clear to me that the working group was assuming
that all of the activity on 2m and 70cm is homogenously NBFM. Of
course, this is false. There is weak signal and television activity

on these bands, things that the working group may not be aware of. These activities deserve protection, and the UHF ATV may present a greater interference problem than the working group expects.

When I wrote to the WRC97 alias, I asked that weak signal and experimental activities be protected. This might mean that the LEOs are permitted to operate above 144.5MHz on 2m, for example. The simple fact is, we, as a service, need to recognize the value and inevitable deployment of SS techniques. If we don't do it, someone else will, and our bands are as good as any others.

The original editorial from Sumner encouraged amateurs to write without revealing any of the technical issues, so amateurs just wrote in a blind show of solidarity. Maybe I'm alone in thinking this, but I believe it would be better for the perception of amateur radio if we're perceived as informed, thinking people that make our own decisions, rather than a group that blindly follows the political tide.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

2603. Re: Alpha Bravo phonetics: the quickie version

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: monsourc@ford.uchicago.edu
Message-ID: <DxDqIp.40C@midway.uchicago.edu>
Source record: 217342
Cross-posted to: alt.usage.english,sci.lang,rec.radio.amateur.misc

In article <50pj8h$c9e@lyra.csx.cam.ac.uk>, <Brian.Kelk@cl.cam.ac.uk> wrote:
>
>
> Phonetic Alphabets (Alpha Bravo etc)
> (brief version)
>....
> Able Baker Charlie Dog Easy Fox George How Item Jig King
^^^
> Love Mike Nan Oboe Peter Queen Roger Sugar Tare Uncle Victor
> William X-ray Yoke Zebra

This reminds of the danger of inventing these on the spur of the moment. One may end by saying `"B" as in "bog"'.

--Christopher J. Monsour

2604. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <50snqo$lj5@jupiter.planet.net>
Source record: 217343

> carl@ais.net writes:

>
> Right ... the average CW fanatic "doesn't want to know about" new
> technology ... they like the rut they're in and want to drag everyone
> down to that level, probably to justify their own feeling that "this is
> neat stuff" ... after all, if they ADMIT that the mode is antiquated,
> then it's harder for them to feel "superior" to all us "lesser"
> individuals (whether we're licensed or not).

Please enlighten me oh great and powerful technican plus with a commercial license
from 1975 , holder of many patents and wearer of the sacred crown of wanting all
but not willing to work for it. Oh great and powerful Kar-el, tell us, what is this
great techno stuff of which you speak. Please be sure not to include that which
is used exclusively on the VHF+ bands, as they are not what is in question.

. But let the technophile rejoice in the newer and better
> >tools available to him as well. Don't burden him with a re-enactment in
> >which he has no interest and for which he has no need.

What tools Kar-el. You insipdly banter about new tecno tools yet when pressed have yet
to come up with one new anything.

Am I pro code, not really am i no code, no really. I'm no anything that gets something for
nothing. You have yet to offer anything, yet (whining mode on) I wanna be on HF, I
don't wanna work for it GIMME GIMME GIMME (whining mode off)

The offer still stands..6 conclusive reasons why code requirements should be eliminated (HF
bands only) and I will follow and become a no code crybaby like the rest. Remember, it has
to be real
answers, none of this in 10 years stuff. Current, present day and again, no referring to
the potential
kloss of VHF+ bands, since the no code license already addresses that

The world is waiting..survey sezzzzzz

>
> 73,
> Carl - wa6vse
> carl@ais.net
>
>
steve KF2TI holder of 10 patents, commercial radio license 2 purple hearts
1 bronze star and a shirley partridge in a pear tree

2605. rtty/morse-decoding

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: Anders Sørensen <anders@netpower.no>
Message-ID: <01bb9cfa$d44a0b40$681813c2@louise.netpower.no>
Source record: 217344

I am the happy owner of a Pentium PC, with a lot of Ram, and a good
selection of HF-recivers, (Sony's, Yaesu's.....)
Will anyone please tell me what I need to connect these "things" , so tahat
I will be able to decode RTTY/Morse and other stuff....

Thanks!!!!
Anders

2606. Re: Alpha Bravo phonetics: the quickie version

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: etg10@cl.cam.ac.uk
Message-ID: <50snjk$a4b@lyra.csx.cam.ac.uk>
Source record: 217345
Cross-posted to: alt.usage.english,sci.lang,rec.radio.amateur.misc

```
|> > Able Baker Charlie Dog Easy Fox George How Item Jig King
|> ^^^
|> > Love Mike Nan Oboe Peter Queen Roger Sugar Tare Uncle Victor
|> > William X-ray Yoke Zebra
|>
|> This reminds of the danger of inventing these on the spur of the moment. One
|> may end by saying `"B" as in "bog"'.

And this reminds me of the danger of telling inexperienced
people to spell SGV in a car numberplate on the radio.
They're bound to say: Sierra Golf Volvo ...
```

2607. Pro-62 FS or Trade

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: Tom Sledge <SKY444@worldnet.att.net>
Message-ID: <32321299.73C6@worldnet.att.net>
Source record: 217346

Sells for 299 at Radio Shack
Will sell for $175 or Trade for another hand-HELD
THE 62 IS IN THE BOX

2608. Melbourne Hamfest

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: Jim Finney <jpf@southeast.net>
Message-ID: <3231EFB0.6868@southeast.net>
Source record: 217347

Will someone tell me when and where the Melbourne, Florida hamfest is?

Thanks,

Jim..

Jim Finney
jpf@southeast.net
http://users.southeast.net/~jpf
Jacksonville, Florida

2609. Re: Questions about WARC bands

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: steve <kd6fyk@wco.com>
Message-ID: <3231F6F1.5F44@wco.com>
Source record: 217348

Jim Kehler%1:2619/211.9 wrote:
> contests.
> Some hams hate contests. Thats the good thing about the hobby,
> we all don't have to be interested in the same thing. The only 'common
> interests' we all must have are the abilities to pass the required tests for
>lots o' snips.

the requirements WILL change.
73 steve

2610. Re: Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <50snvv$mt@anomaly.ideamation.com>
Source record: 217349

In article <50s9ke$a97@news.ais.net>, <carl@ais.net> wrote:

>My point is that your previous implication that Drew only hear old folks
>because he lives in Florida was rediculous.
>
>Drew could be (an likely was) hearing folks from all over the place.
>
>That's the point that I was making ...

Yes Carl, but the only problem is that Drew, by his own admission,
>doesn't own a radio<.

So, unless some old geezers in Georgia and Alabama are yelling
really, really loud, the only OLDE FARTZ that Drew hears are the
ones sitting next to him.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

2611. WA State Patrol controlling your radios

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: kc7iay@ibm.net
Message-ID: <DxDwp1.BqF@eskimo.com>
Source record: 217350
Cross-posted to: rec.radio.scanner,wa.general,rec.radio.amateur.misc

The Washington State Patrol has proposed the adoption of a
Washington Administrative Code regarding wireless communications
systems used by motorists (not necessarly attached to vehicles).

The proposed WAC: [new section]: "WAC 204-10-045 Wireless
communications systems. Hands-free, wireless communication systems
may be used by motorists while driving a motor vehicle. Listening
devices that include an earpiece shall cover only one ear. Wireless
communication systems must be approved by the Washington state
patrol equipment review unit."

There will be a hearing held on October 9, 1996 at the General
Administration Building at the State Patrol's Commerical Vehicle
Division Conference Room, Ground Floor at 9am. Written comments
should be sent to:

Carol I. Morton
Administrative Assistant
Equipment and Standards Review Unit
Box 42635
Olympia, WA 98504-2636
360-412-8934

-=-

Comment by Bruce Miller:

There are three distinct parts to this proposed WAC:
1. Hands-free wireless communication systems is approved.
2. Listening devices attached a wireless communication system.
3. Approval of wireless communication systems.

There are several aspects of this proposed WAC that bother me.

There is no definition of "communication system" in WAC 204 or in
the RCW (Revised Code of Washington) that I could find that pertains
to this WAC. This means the WAC would apply to receivers and
transceivers.

Additionally, keep in mind the approval of the "communication
system" is not dependent, according to the wording, on whether it is
hands-free or two-way: "Wireless communication systems must be
approved by the Washington state patrol equipment review unit." Note
that there is no qualifying adjective before "wireless communication
system" to restrict it to hands-free or two-way.

Consequently, this proposed WAC can be interpreted to include receivers and transcievers, giving the Washington State Patrol the sole authority to determine what type or brand of radio equipment you could use in your vehicle--be it for am/fm, ham, CB, commercial, or cell phone, paging.

This proposed WAC is worded extremely poorly and should be thrown in the garbage because of its pervasive control over ALL radio equipment that could be used in the car (not just attached to it).

Even though I have not yet checked out how this would conflict with FCC regulations, it seems to me that the FCC has authority over the type of equipment I can use in my vehicle for transmitting.

-=-

Here is some background info on the Commission on Equipment from the Washington Administrative Code and from the Revised Code of Washington.

WAC 204-08-010 Definition.

>> CITESEARCH <<

20408010

Whenever used in this title "commission," "commission on equipment," and "state commission on equipment" means the chief of the Washington state patrol.

[Statutory Authority: RCW 46.37.005. 87-16-032 (Order 87-01-ESR), 204-08-010, filed 7/27/87; 78-08-078 (Order 7760), 204-08-010, filed 7/27/78; Rule I, filed 3/21/60.]

RCW 46.37.005 State patrol--Additional powers and duties.

>> CITESEARCH <<

4637005

In addition to those powers and duties elsewhere granted, the chief of the Washington state patrol shall have the power and the duty to adopt, apply, and enforce such reasonable rules and regulations (1) relating to proper types of vehicles or combinations thereof for hauling passengers, commodities, freight, and supplies, (2) relating to vehicle equipment, and (3) relating to the enforcement of the provisions of this title with regard to vehicle equipment, as may be deemed necessary for the public welfare and safety in addition to but not inconsistent with the provisions of this title.
The chief of the Washington state patrol is authorized to adopt by regulation, federal standards relating to motor vehicles and vehicle equipment, issued pursuant to the National Traffic and Motor Vehicle Safety Act of 1966, or

any amendment to said act, notwithstanding any provision in >> Title 46 << RCW inconsistent with such standards. Federal standards adopted pursuant to this section shall be applicable only to vehicles manufactured in a model year following the adoption of such standards.

[1987 c 330 706; 1985 c 165 1; 1982 c 106 1; 1967 ex.s. c 145 56; 1967 c 32 49; 1961 c 12 46.37.005. Prior: 1943 c 133 1; 1937 c 189 6; Rem. Supp. 1943 6360-6; 1927 c 309 14, part; RRS 6362-14, part. Formerly RCW 46.36.010.]

NOTES:
Construction--Application of rules--Severability--1987 c 330: See notes following RCW >> 28B.12.050 <<.
Severability--1967 ex.s. c 145: See RCW >> 47.98.043 <<.
Towing operators, appointment of: RCW >> 46.55.115 <<.

2612. WA State Patrol controlling your radios

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: kc7iay@ibm.net
Message-ID: <DxDx01.CGs@eskimo.com>
Source record: 217351
Cross-posted to: wa.general,rec.radio.amateur.misc,rec.radio.scanner

The Washington State Patrol has proposed the adoption of a Washington Administrative Code regarding wireless communications systems used by motorists (not necessarly attached to vehicles).

The proposed WAC: [new section]: "WAC 204-10-045 Wireless communications systems. Hands-free, wireless communication systems may be used by motorists while driving a motor vehicle. Listening devices that include an earpiece shall cover only one ear. Wireless communication systems must be approved by the Washington state patrol equipment review unit."

There will be a hearing held on October 9, 1996 at the General Administration Building at the State Patrol's Commerical Vehicle Division Conference Room, Ground Floor at 9am. Written comments should be sent to:

Carol I. Morton
Administrative Assistant
Equipment and Standards Review Unit
Box 42635
Olympia, WA 98504-2636
360-412-8934

-=-

Comment by Bruce Miller:

There are three distinct parts to this proposed WAC:
1. Hands-free wireless communication systems is approved.
2. Listening devices attached a wireless communication system.
3. Approval of wireless communication systems.

There are several aspects of this proposed WAC that bother me.

There is no definition of "communication system" in WAC 204 or in the RCW (Revised Code of Washington) that I could find that pertains to this WAC. This means the WAC would apply to receivers and transceivers.

Additionally, keep in mind the approval of the "communication system" is not dependent, according to the wording, on whether it is hands-free or two-way: "Wireless communication systems must be approved by the Washington state patrol equipment review unit." Note that there is no qualifying adjective before "wireless communication system" to restrict it to hands-free or two-way.

Consequently, this proposed WAC can be interpreted to include receivers and transcievers, giving the Washington State Patrol the sole authority to determine what type or brand of radio equipment you could use in your vehicle--be it for am/fm, ham, CB, commercial, or cell phone, paging.

This proposed WAC is worded extremely poorly and should be thrown in the garbage because of its pervasive control over ALL radio equipment that could be used in the car (not just attached to it).

Even though I have not yet checked out how this would conflict with FCC regulations, it seems to me that the FCC has authority over the type of equipment I can use in my vehicle for transmitting.

-=-

Here is some background info on the Commission on Equipment from the Washington Administrative Code and from the Revised Code of Washington.

WAC 204-08-010 Definition.

>> CITESEARCH <<

20408010

Whenever used in this title "commission," "commission on equipment," and "state commission on equipment" means the chief of the Washington state patrol.

[Statutory Authority: RCW 46.37.005. 87-16-032 (Order 87-01-ESR), 204-08-010, filed 7/27/87; 78-08-078 (Order 7760), 204-08-010, filed 7/27/78; Rule I, filed 3/21/60.]

RCW 46.37.005 State patrol--Additional powers and duties.

>> CITESEARCH <<

4637005

In addition to those powers and duties elsewhere granted, the chief of the Washington state patrol shall have the power and the duty to adopt, apply, and enforce such reasonable rules and regulations (1) relating to proper types of vehicles or combinations thereof for hauling passengers, commodities, freight, and supplies, (2) relating to vehicle equipment, and (3) relating to the enforcement of the provisions of this title with regard to vehicle equipment, as may be deemed necessary for the public welfare and safety in addition to but not inconsistent with the provisions of this title.
The chief of the Washington state patrol is authorized to adopt by regulation, federal standards relating to motor vehicles and vehicle equipment, issued pursuant to the National Traffic and Motor Vehicle Safety Act of 1966, or

any amendment to said act, notwithstanding any provision in >> Title 46 << RCW inconsistent with such standards. Federal standards adopted pursuant to this section shall be applicable only to vehicles manufactured in a model year following the adoption of such standards.

[1987 c 330 706; 1985 c 165 1; 1982 c 106 1; 1967 ex.s. c 145 56; 1967 c 32 49; 1961 c 12 46.37.005. Prior: 1943 c 133 1; 1937 c 189 6; Rem. Supp. 1943 6360-6; 1927 c 309 14, part; RRS 6362-14, part. Formerly RCW 46.36.010.]

NOTES:
Construction--Application of rules--Severability--1987 c 330: See notes following RCW >> 28B.12.050 <<.
Severability--1967 ex.s. c 145: See RCW >> 47.98.043 <<.
Towing operators, appointment of: RCW >> 46.55.115 <<.

2613. IPS Daily Report - 07 September 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <50t22s$dju@flare.syd.ips.oz.au>
Source record: 217352
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 07/2330Z SEPTEMBER 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE AUSTRALIAN SPACE FORECAST CENTRE
SUMMARY FOR 07 SEPTEMBER AND FORECAST FOR 08 SEPTEMBER - 10 SEPTEMBER

1A. SOLAR SUMMARY
Activity: Very low

Flares: None

Observed 10.7 cm flux/Equivalent Sunspot Number : 70/

GOES satellite data for 06 Sep
Daily Proton Fluence >1 MeV: 4.4E+05
Daily Proton Fluence >10 MeV: 1.7E+04
Daily Electron Fluence >2 MeV: 1.7E+07 (normal)
X-ray background: A2.7
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
08 Sep 09 Sep 10 Sep
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 08 Sep: 70/

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Quiet to unsettled

Estimated Indices : A K Observed A Index 06 Sep
Learmonth 8 3233 2101
Fredericksburg 08 06
Planetary 08 06

Observed Kp for 06 Sep: 2112 1213

2B. MAGNETIC FORECAST
Date Ap Conditions
08 Sep 07 Quiet to unsettled
09 Sep 07 Quiet to unsettled
10 Sep 08 Quiet to unsettled

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band

Date Low Middle High
07 Sep Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
08 Sep Normal Normal Normal
09 Sep Normal Normal Normal
10 Sep Normal Normal Normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
07 Sep 5

Observed Australian Regional MUFs:
Darwin: 15-30% depressed between 0000 and 0800 UT,
near predicted monthly values at other times.
Hobart, Sydney and Townsville: Near predicted monthly
values.

Predicted Monthly T index for September: 9

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
08 Sep 10 near predicted monthly values
09 Sep 10 near predicted monthly values
10 Sep 10 near predicted monthly values

--
IPS Radio and Space Services | email: asfc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/asfc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
tel: +61 2 94148300 | fax: +61 2 94148331

2614. Free at last.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-07 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3232167F.730A@ccsnet.com>
Source record: 217353

Ham radio is so unappealing to the young:

1. I offered 14 year old KA1VBQ $10 to make a single 2 meter contact, she refused.
2. I offered N1XIY free GOOD 2M and HF gear, he is 16, he refused to use it.
Electrolux and ham radio both have something in common, what?

Burt

2615. Opinions / Spec's of Swan 250C

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: lespaul@nwlink.com
Message-ID: <50t898$qvl@texas.nwlink.com>
Source record: 217213
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

I am contemplating buying a Swan 250C 6-meter rig.

Can anyone tell me anything about this rig? specifically:

1. Modes (CW/SSB I believe)
2. All tubes, or Hybrid?
3. Power output?
4. Band coverage?
5. Overall quality and opinion?
6. What is a fair price (including power supply)?
7. What is difference between 250 and 250C?

Any help or opinions would be greatly appreciated.

email to:

lespaul@nwlink.com

2616. Re: Vanity Call - Gate 2 - Questions?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: lblades@sover.net
Message-ID: <50t9kp$lcb@thrush.sover.net>
Source record: 217214

g-taylor4@tamu.edu (Greg Taylor) wrote:

>I see the announcement states "each call sign must be one designated for the Region
>of your mailing address as follows: one of the contiguous 48 states - Regions 1 - 10"
>I'm having trouble interpreting (as usual) what the government means here.
>Does this mean I'm restricted to my call area of my address? I thought that recommendation
>got denied and you could apply for a call sign in any area 1- 10....which may be what this
>statement means.

>Also, had seen something somewhere about submitting via FEDEX but there being a trick to
>it since FEDEX only goes to physical addresses and not POBs. Could someone refresh my
>memory......

======
First of all you can only apply for a vanity call within the call
district associated with your current address. What you referred to
above only applies to relatives who can get a call sign from any
district. Since I live in VT I can only request a "1" area callsign.

As far as the Fedex courier pkgs are concerned the shipping address is
listed on the back of the application form. I called the FCC and they
basically said that if you want to FedX your application, put your
application in a separate envelop addressed to the mailing address
also shown on the application form. So basically you have a FedX pkg
with an addressed envelop inside. They stressed that this CANNOT
arrive prior to Sept 23rd. I guess this is the biggest problem they
feel will occur as people will get too anxious - esp in the heavily
populated call districts.

Anyway hope this helps.
Les

2617. Re: FS: All Ham Bands, Reply to Republican Congress

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: tuhams@netzone.com
Message-ID: <50t6fs$15kq@news.goodnet.com>
Source record: 217215
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.amateur.policy

T E I X E I R A <teixeira@ccnet.com> wrote:

>>The Democrats screw up and the Republicans have a party. Then the
>>Republicans screw up and the Democrats have a party.
>>
>>This is known as the 'two-party' system.
>>
>Yea.....Politicians treat us like Mushrooms.....They keep us in the dark and feed us Bull
>Shit!

>Dole ain't worth a damn & Clinton is a Republican in a Democrats cloths.

I respectfully disagree with the above statement....Dole isn't worth a damn but Clinton is a Marxist Liberal who is lying to appeal to the mainstream america....Most folks actually believe what he says...He will be elected in a landslide and then may God have mercy on us all!

Illigitimi non carborundum

2618. Re: Free at last.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <50tduu$nct@jupiter.planet.net>
Source record: 217216

WARNING WARNING WARNING.
THE REDUNDANT BURT ALARM HAS BEEN SOUNDED.

THE REDUNDANT BURT ALARM IS SOUNDED EACH TIME BURT
RECYCLES HIS TIRED POSTS

THIS ONE WAS LAST SEEN IN FEBRUARY 1996 AND BEFORE THAT SEPTEMBER 1995

FEEL FREE TO INDULGE BURT BY RESPONDING JUST LIKE THIS. SOONER
OR LATER BURT WILL GO BACK TO PACKET AND BOTHER THEM

HAVE FUN FIRE AWAY BURT..

THIS HAS BEEN A REDUNDANT BURT ALARM

<OUT>

> Burt Fisher <k1oik@ccsnet.com> writes:
> Ham radio is so unappealing to the young:
>
> 1. I offered 14 year old KA1VBQ $10 to make a single 2 meter contact,
> she refused.

he neglects to always mention that she's his daughter

> 2. I offered N1XIY free GOOD 2M and HF gear, he is 16, he refused to
> use it.

he alsways neglects to mention that there were strings attacjed

> Electrolux andburt's postings both have something in common, what?

both electrolux and burts' postings have been around for a long time and
neither one is original in thought or design

>
> Burt
>
>
>>>>

2619. Re: Programming the Kenwood TH-79E

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: yanntug@imaginet.fr
Message-ID: <50td1q$3j4@avalon.imaginet.fr>
Source record: 217217

Laser.Computer%1:2619/211.9 (Laser Computer%1:2619/211.9) wrote:

>To: Laser Computer%1:2619/211.9%12:320/100.666
>From: demo10@euronet.nl (Laser Computer)
>Subject: Programming the Kenwood TH-79E
>Organization: Laser Computer Europe BV

>Hello,

>Have anyone information about programming the Kenwood TH-79E with your
>computer ? . I can't find any information how do do this.

>I know it is possible because there is a programma called "EZCLONE"
>whichs can programs your portable rig.

>1) What kind of hardware is required ?
>2) Where can I found information how to programs my portable rig. I
>couldn't found anything in the manual or the Website of Kenwood.

>Peter van der Plaat
>PE1NZA

i have a th79e and i have never see anything to program it
if it is how for the others tx/rx (motorola ...) it must be do via
an interface conected to the microphone of the tx
But the interface is only sell to the professionals ! (you can t but
it to kenwood)

For the th79e you have mods to do : 118-174 300-399 400-470
800-999 and repeater mode ! what to want to do more ? cofee ? :))

|--------------------|
yanntug@imaginet.fr

2620. Re: FCC Ruling Will Require Some Hams to File Environmental Impact Reports

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: ronklein@ix.netcom.com
Message-ID: <50tjkl$t12@dfw-ixnews9.ix.netcom.com>
Source record: 217218
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In <322AD0D6.2608@one.net> Rich Griffiths <richg@one.net> writes:
>
>Cliff-s wrote:
>>
>> Gary Coffman <gary@ke4zv.atl.ga.us> wrote in article <
>> > Indeed, the 50 watt categorical exclusion has no scientific basis.
<snip>
>> > But contrary to your idealistic opinion, that is how laws are
made.
>> >
>> > Gary
>> >
>>
>> Gary:
>> If the HT's and Mobile Antenna were outlawed one group
>> would be very happy thats the crooks.
>> The way of real life, Ignore the Science, Ignore the
facts,
>> play the Politics. Unfortunately all too true.
>>
>> Cliff, W7VVA
>
>I think this assertion ignores the facts. The fact is that the FCC
cited
>a substantial scientific basis for its ruling. That that basis is
>questionable merely makes it like much of the rest of science. The
FCC
>itself noted that scientific opinions differ on the effects of
exposure
>to EM fields. We may disagree with the science; we may try to
discredit
>the science; but it is wrong to claim that the FCC ignored it.
>
>You must also allow that other facts -- not science, but facts
nonetheless --
>may have entered this decision. Laws must be practical and
enforceable.
>This one will not be easily enforced, but the 50-Watt exclusion helps.
Such
>"small quantity" exclusions have been used before. For example, in
the
>regulations on leaking underground storage tanks, the EPA from day one

>excluded buried home-heating oil tanks smaller than 500 gallons and
most
>farm storage tanks. It's not that they weren't part of the problem.
It's
>that dealing with the 1,000,000-plus commercial and industrial
installations
>was enough of a problem. In the RF exposure case, surely some of the
>less-than 50-Watt installations may be problems, and many of the
more-than
>50-Watt installations will not be. But 50 Watts strikes me as a
reasonable
>dividing line if you want to establish a criterion for exclusion.
>
>Now what about the meaning of this to hams? Is the ruling so burdensome?
>I don't think we know as yet. But I've made a few field strength readings
>before. And I've prepared a few dozen environmental impact statements.
>I don't think this is going to be a big deal.
>
>
>Rich W2RG

Rich -

The "Big Deal" about this is that it is just another increment of "creeping" government interference with our daily lives. In this case, potentially harmful RF sources are excluded, while amateurs are now facing more unfounded nuisance complaints from uninformed and obstinate neighbors who simply don't like our antennas. And, in todays society, people don't worry about the legitimacy of their concerns, and they don't communicate with the individuals involved.

Instead, they just yell "wolf" either to law enforcement organizations or to the courts through their ambulance-chasing attorneys. And the bureaucrats love it because it gives them further job security. And, we all know what attorneys do for money!

Amateur radio does not need this added risk of harassment without just cause which any of us with visible antennas will be faced with. It must be turned around.

Have things really gone this sick since I was first licensed in 1959? I am sorry to say the answer is YES!

73,

Ron - W0OSK

--
Ron Klein
----
ronklein@ix.netcom.com

2621. Re: FS: All Ham Bands, Reply to Republican Congress

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: gregwj@cwo.com
Message-ID: <50tpuj$cs8@news.xmission.com>
Source record: 217219
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.amateur.policy

Just a question,
If, as you say, Mr Clinton is a marxist liberal who is lying to appeal to the mainstream America.... then what does that say about the Mainstream America that his lies appeal to? I mean, who then IS mainstream america if they want to hear what he says and then vote accordingly? Think about it....
By the way.. Isn't this the wrong forum for this stuff?
Greg..

In article <50t6fs$15kq@news.goodnet.com>, tuhams@netzone.com says...
>
>T E I X E I R A <teixeira@ccnet.com> wrote:
>
>
>>>The Democrats screw up and the Republicans have a party. Then the
>>>Republicans screw up and the Democrats have a party.
>>>
>>>This is known as the 'two-party' system.
>>>
>>Yea.....Politicians treat us like Mushrooms.....They keep us in the dark a
>nd feed us Bull
>>Shit!
>
>>Dole ain't worth a damn & Clinton is a Republican in a Democrats cloths.
>
>I respectfully disagree with the above statement....Dole isn't worth a
>damn but Clinton is a Marxist Liberal who is lying to appeal to the
>mainstream america....Most folks actually believe what he says...He
>will be elected in a landslide and then may God have mercy on us all!
>
>
>Illigitimi non carborundum
>

2622. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <50tmi2$v2@anomaly.ideamation.com>
Source record: 217220
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <50rpv7$ggs@mgate.arrl.org>, Ed Hare <ehare@arrl.org> wrote:

>In this case, I think the sheer volume of the response certainly got
>their attention.

There is no reason to think that the volume of response would be any
more or less "sheer" if there wasn't a codeless tech license. The one
thing that the 220mhz spectrum loss taught amateurs was the ability to
mobilize when our spectrum is threatened.

>I feel comfortable estimating that a significant number of the response came
>from "no-code" Technicians.

I don't believe there is any legitimate basis for this feeling. Is there
any reason to suspect that the ratio of codeless techs that responded
is in any manner higher than the ratio of other license classes that use
VHF on a regular basis?

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

2623. FS: ICOM Z-1A

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: kaf3@axe.humboldt.edu
Message-ID: <32328141.5761729@199.4.94.14>
Source record: 217221

Selling my Icom Z-1A with detachable face plate. Brand new, I just got
it a month ago, but have gotten a car rig, so am departing with the
HT. I have the tone squelch, pocket beep, Rechargable battery case,
Ni-Cd batter, leather case, antenna, origianl docs, and box.
I bought it for $450.00, I'm selling it for $350.00 OBO. Not a
scratch on it, I have the origianl box and everything.

Thanks

2624. Ham Web Page

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: marty@trucom.com
Message-ID: <50tsfe$cge@thepit.trucom.com>
Source record: 217222
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.space

Hello, Folks:

I have just put up my new home page and invite all to drop in for a look. Included at the site are the following areas:

Ham Radio -- Mostly packet, mostly high speed

Pipe Smokers -- Very, very much still under construction

Astronomy -- Mostly Amateur Radio Astronomy (good 2nd interest for Hams!)

Mapping -- Mostly about elevation maps

Heartland Internet Services -- Lots of Web Presence information

The URL to use is:

http://www.trucom.com/ppages/marty

Thanks!

Take Care & 73

Marty Albert - marty@trucom.com
Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM

Heartland Internet Services

****
Heartland Internet Services
http://www.trucom.com/ppages/marty
****

2625. Re: Ionospheric cross-modulation (Luxembourg effect)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: joe@vantage.demon.co.uk
Message-ID: <842171557.3267.0@vantage.demon.co.uk>
Source record: 217223

ianls@patrol.i-way.co.uk (Ian Liston-Smith) wrote:

>Does anyone know where I can find more information regarding
>ionospheric cross modulation (also known as the Luxembourg Effect).
>This is the transferring of the modulation from one transmission to
>another in the ionosphere. First noticed in the 1930s and generally
>MWstations onto LW - or is it the other way around?!!
>Thanks,
>Ian
>ianls@patrol.i-way.co.uk

Hi,

Ionospheric Crossmodulation happens wherever two radio signals, one of which should be fairly strong, hits the ionsophere at roughly the same place. The non-linear nature of the ionsosphere mixes the signals as if they were being mixed in the front end of a receiver. In simplistic terms, it's a bit like overloading part of the ionsophere<g>

Hope that helps

Joe, G0RNC
There's only one decision to make;
get busy living or get busy dying.

Andy Dufresne, The Shawshank redemption.

2626. Re: Free at last.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: Pat Wilson <pw@i2020.net>
Message-ID: <01bb9d78$cf9e1220$4201e8cc@PW>
Source record: 217224

You use them both to pull your pud?

Burt Fisher <k1oik@ccsnet.com> wrote in article
<3232167F.730A@ccsnet.com>...
> Ham radio is so unappealing to the young:
>
> 1. I offered 14 year old KA1VBQ $10 to make a single 2 meter contact,
> she refused.
> 2. I offered N1XIY free GOOD 2M and HF gear, he is 16, he refused to
> use it.
> Electrolux and ham radio both have something in common, what?
>
> Burt
>
>

2627. Re: Free at last.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3232B030.52F8@ccsnet.com>
Source record: 217225

Steve - KF2TI, NJ wrote:
>
> WARNING WARNING WARNING.
> THE REDUNDANT BURT ALARM HAS BEEN SOUNDED.
>
> THIS ONE WAS LAST SEEN IN FEBRUARY 1996 AND BEFORE THAT SEPTEMBER 1995

You are correct.
But why pick on me?
Look at all the code posts, are you telling me they are not redundant?
Look at what hams say, they are original?

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	The less you say, the more people will remember
#================#===#
| k1oik@ccsnet.com |
#===#

http://www.qrz.com/cgi-bin/qrz_gifs?k1oik.gif

2628. Re: Free at last.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3232B076.5B54@ccsnet.com>
Source record: 217226

Pat Wilson wrote:
>
> You use them both to pull your pud?

Do not discuss something you do not have and/or use.

```
#================#=====================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | The less you say, the more people will remember |
#================#=====================================================#
| k1oik@ccsnet.com |
#=========================================================================#
```

http://www.qrz.com/cgi-bin/qrz_gifs?k1oik.gif

2629. Re: Free at last.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: emtp4355@aol.com
Message-ID: <50ufj9$hjk@newsbf02.news.aol.com>
Source record: 217227

In article <50tduu$nct@jupiter.planet.net>, adell@planet.net (Steve - KF2TI) Landing, NJ writes:

>THIS ONE WAS LAST SEEN IN FEBRUARY 1996 AND BEFORE THAT SEPTEMBER 1995

Does someone really keep up with this????

Joseph K. Murphy, EMT-P
KF4KEK
emtp4355@aol.com

It's a free country (USA) and I have my own ideas on every thing whether you agree or not

2630. Amateur Radio Newsline #995 06 Sep 1996

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: bigsteve@dorsai.org
Message-ID: <x5rMyQQI8FbF092yn@dorsai.org>
Source record: 217228
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB NEWSLIN @ ALLBBS $NLIN.995
Amateur Radio Newsline #995 06 Sep 1996

The Newsline Information and Copyright Notice is now published seperately every month. Please read this notice before using any part of Newsline in any manner. For a copy of the notice e-mail bigsteve@dorsai.org or netmail Steve Coletti @ 1:278/230 on Fidonet.

NEWSLINE RADIO - CBBS EDITION #995 - 09/06/96

(***)
(* *)
(* A M A T E U R *)
(* *)
(* R A D I O *)
(* *)
(* N E W S L I N E *)
(* *)
(***)

The following is late news about Amateur Radio for Radio Amateurs as prepared from NEWSLINE RADIO scripts by the staff of the AMATEUR RADIO NEWSLINE, INC., formerly the WESTLINK RADIO NETWORK. Amateur Radio Newsline is a audio news service distributed via telephone.

This hardcopy version is produced by Dale Cary - WD0AKO from scripts provided to him weekly by Newsline. It is then distributed to on-line services, bbs networks and internet user jointly by Dale Cary and Steve Coletti.

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Hardcopy Distribution for Newsline

Internet E-mail: wd0ako@rrnet.com Phone:
(218) 236-6324

(**********
Some of the hams of AMATEUR RADIO NEWSLINE: WA6ITF WB6MQV WB6FDF K6DUE
W6RCL N6AHU N6AWE N6TCQ K6PGX N6PNY KU8R N8DTN W9JUV KC9RP K9XI KB4KCH
KC5UD KC0HF G8AUU WD0AKO DJ0QN and many others in the United States and
around the globe!!!
(**********
[995]

C L O S E D C I R C U I T A D V I S O R Y
EMERGENCY FUNDING

The following is an important closed circuit advisory. Attention all
bulletin stations. Newsline is once again on the verge of bankruptcy and
existing hand to mouth. We urgently need your support to survive.
As we have said many times, the decision whether Newsline stays or goes
is yours. If you want this service to continue, we will need your ongoing
financial support, and it is needed right now. The address for the Newsline
Support Fund is:

NEWSLINE SUPPORT FUND
P.O.Box 660937
Arcadia, California
91066

This ends the closed circuit with Newsline report number 962 for release
on Friday, September 6th, 1997 to follow.

(*****
The following is a QST

A Wisconsin senator wants to turn controlling Radio Frequency
Interference over to state and local governments and some of the Arizona
police jammers turn out to be Explorer Scouts. This and more on a special
extended Newsline report number 995 coming your way right now!

(*****
WISCONSIN SENATOR SEEKS LOCAL CONTROL OVER RFI

A Wisconsin Senator has decided to unilaterally try to rewrite the
nations communications law because he does not like it that the FCC no
longer handling consumer interference cases. Acting in response to what he
says is nearly 45,000 complaints to the FCC every year, first term Senator
Russ Feingold as introduced Senate Bill 2025. Feingold says his measure
will give state, county and local governments the ability to regulate
interference from CB radio. This, when interference results from a
violation of FCC rules.
Saying his bill simply allows common sense to prevail, Feingold reasons
his measure would give states and localities the ability to investigate and
enforce Federal law, "thereby protecting the rights of their residents.
The bill would only affect unauthorized CB transmitters or amplifiers.
Municipalities could prohibit use of the equipment and levy fines or other

monetary sanctions. It has already drawn strong opposition from personal communications and business radio user groups. They fear that states and cities will abuse this new power if its ever made available to them.

(*****
WISCONSIN CB LAW

In a related matter, the City Council of Beloit, Wisconsin has enacted a new ordinance that gives the city the power to enforce FCC regulations on CB interference. This, after receiving numerous complaints from local residents of interference to home electronic equipment.
While the bill is an explicit reversal of the total Federal preemption over telecommunications matters granted by the Communications Act of 1934, it contains a provision reaffirming the continued Federal preemption in handling other types of RFI.
Senator Feingold says that he tried to enlist FCC's help in investigating constituents' RFI complaints without success. He says that the FCC told him it no longer investigates RFI complaints and offers only a packet of self-help information for the consumer to limit the interference on their own.
Several CB groups indicate that they plan to challenge the Beloit, Wisconsin ruling in federal court.

(*****
ARIZONA JAMMERS WERE SCOUTS

Two of the three people busted in Mesa, Arizona for jamming police and ham radio communications were members of the local police department Explorer Scout Post. This according to Allen Sklar, AA7BJ, who reports to us via e-mail that the story about the arrest made the front page of several newspapers in the Mesa and Phoenix area.
Newsline also spoke to the Chairman of the Arizona Repeater Association interference committee who explained how the hams and the police got together to make the bust:

"In going over my interference reports, I noticed that some had said that they heard they thought these same guys on their scanners interfering with the police department. So I called the Mesa Police Department and once we got past the initial suspicion and who are you and how do you know about this stuff. We determined that it sounded like we had the same people causing interference on both sides. And we offered we know who they are. Would you like them? And they said yes we would like them very much."

Because of pending investigations we cannot reveal the identity of the Arizona Repeater Association representative you are hearing. He does say that the association has been advised by the Mesa police that two of the people arrested are legally minors and that all three suspects have admitted their guilt. Now all that's left is to bring them before a judge:

"When they were presented with this list of interference. They admitted that, yes that was them. They had done all those. So at this point, I believe it is just a matter of a judge determining what the fines will be.

But, there are multiple felony and misdemeanor charges against all of them. I think for the minors, it will amount to a lot of community service and probably some pretty heavy fines. And for the gentleman that is not a minor, he could see jail time."

For ham radio the sad part of the story is that all three have been identified as licensed radio amateurs, one having passed a Morse code test.

(*****
ARRL WRC CW SURVEY

Tod Olson, K0TO, the Chairman of ARRL's WRC 99 Planning Committee, needs input the ham radio community with respect to opinions and attitudes in the ham radio community regarding the future of the CW mode. Olson's committee is running a survey in the current issue of QST Magazine. Its found on pages 49 and 50 in September issue. If you want your voice heard on the no-code issue, cut it out, fill it out and mail it in, today.

(*****
CURRENT FCC FORM 610 IS STILL GOOD

Most FCC Form 610's are still good. This according to the ARRL Letter that says unlike the expiration dates on perishable food items in the grocery store, the expiration dates on the FCC Form 610 can be safely ignored.
The League says that lots of hams have asked about these dates. This, because an expiration date of August 31, 1996, appears in the upper right hand corner of current FCC Form 610 that were issued in November 1993 and in March 1995. It says the August 31, 1996, expiration date is an internal FCC reference date only. It is not a date to instruct the public when to stop using the form.
The FCC says the November 1993 and March 1995 issued FCC Forms 610 are okay to use and will continue to be acceptable for use until further notice.

(*****
FCC EMPLOYEE WANTS VANITY CALL SIGN

A former FCC employee who was told to give up a vanity call sign says he wants to keep it and he is fighting back. Arthur H. Feller, KB4Z, of Fairfax, Virginia has written a letter to FCC Chairman Reed Hundt protesting the commissions withdrawal of the vanity call sign W4ART. According to the W5YI Report, Fellers' losing the W4ART call sign was the result of a probe by the FCC into call signs awarded to hams that the commission says may have received other calls' through favoritism in the mid 1970's. Feller maintains that he did legitimately hold the W4ART call sign for almost six years and that the commissions action in withdrawing it is clearly unsupported by current FCC Rules and Regulations.
Feller wants to know why the current Commission is singling out former FCC employees for special, unequal and harsh treatment. He is also very upset that the commission made public a copy of the letter notifying him that the W4ART call was being withdrawn. This, before he had a chance to

file a response.

(*****
THE KENWOOD REPORT

The Kenwood Report is the latest ham product from Kenwood Communications Corporation. It fulfills the companies promise to expand the information needs of hams as well as fulfilling part of its own marketing strategy. The Kenwood Report is a bi-monthly ham radio newsletter specifically geared toward ham radio clubs in the United States. The Summer '96 sample issue provided to us covered Kenwood employees involvement in Field Day '96, several very brief new product announcements, a story on the Colorado Big Horn Amateur Radio Museum, a feature story on one of the unseen members of the Kenwood product development staff and a tribute to the Strauss family of York, Pennsylvania that operated the ham store JRS Distributors from 1925. Also included was a very strong point position editorial in opposition to the attempted takeover of the two meter and 70 centimeter bands by the Little LEO satellite group.
The Kenwood Report is four pages of photos, news and information with very little direct advertising. For information on obtaining it write, on club letterhead only, to the:

Kenwood Report / Amateur
P.O. Box 22745
Long Beach, California
90901-5745

(*****
TAPR GROUP PURCHASE

Tuscon Amateur Packet Radio and Motorola have agreed on a special group purchase of the Motorola type DSP 56002 Evaluation Modules. This is a general purpose DSP board with on board peripherals and software for assembling and debugging code.
For more information on the special limited time purchase, please see the TAPR web page at:

http://www.tapr.org

For details on the Motorola DSP products visit their web page at:

http://www.Motorola-dsp.com

(*****
AO-13 - YOUR LAST CHANCE

Amsat Oscar 13 may be on its way to a fiery end, but its not dead yet. So says James Miller, G3RUH. Miller reports via the AMSAT Bulletin Board that drag has not been quite as severe as initially estimated. This has allowed AO-13 to be moved for a final session at a favorable attitude. The duration of this orientation is unknown, but on or before November 1st, reorientation will be necessary. Re-entry is expected for the second week of December.

(*****
SHUTTLE DELAY

Hurricane Fran has forced the Atlantis space shuttle off its launching pad, delaying by several days the return of U.S. Astronaut Shannon Lucid from Russia's MIR Space Station. Atlantis was due to be launched on the 14th as we said, but will now face a two day delay. Space Agency officials said that the shuttle could be back on the pad as early as Thursday morning September 6th.

(*****
SAREX STS-79

Astronaut John Blaha, KC5TZQ, will be delivered to the Mir space complex for a long duration mission. While on board, he'll share Mir duties with Cosmonaut Aleksandr Kaleri, U8MIR, who first used that call sign in 1992. On board will be Valerij Korzun who'll use the R0MIR club call sign, and Claudi Andre-Dechays, using F6MIR.
As an aside, Mir astronauts get commercial audio linkups with their families every week and video linkups every two weeks. Family members report that the video doesn't work half the time, and the audio, while acceptable, has bad echoes. Most perfer SAREX or Mir ham radio contacts which all say sound the best.

(*****
HAM ASTRONAUTS TRAIN FOR MIR MISSIONS

Astronauts Wendy Lawrence, KC5KII, and Dave Wolf, KC5VPF, have been selected to train for stays aboard Russia's Mir space station.
Lawrence is a U.S. Navy commander. She'll begin a four month stay on Mir in September 1997. Wolf will replace Lawrence on Mir in early 1998. Wolf, a medical doctor, will be a member of both the Mir 25 and 26 crews during his four-month tour in orbit.

(*****
ARRL INTL HUMANITARIAN AWARD NOMINATIONS OPEN

The nominating period is now open for the annual ARRL International Humanitarian Award. Any licensed radio amateur worldwide, or group of amateurs who, by use of their skills of Amateur Radio, have provided extraordinary service for the benefit of others in times of crisis or disaster, is qualified to receive the award.
Nominations will be accepted by the committee from a licensed radio amateur, governmental or any other organization which has received the benefits of the radio amateur's extraordinary service. In the event that no nominations are received, the committee may determine possible recipients or may decide to make no award in a given year.
All nominations and supporting materials for 1996's award must be submitted in writing in the English language by December 31st. Mail nominations to the:

ARRL International Humanitarian Award
225 Main St
Newington, CT

06111

(*****
JOTA '96

Jamboree On The Air, or JOTA, is an annual Scouting and amateur radio event sponsored by the World Bureau of the World Organization of the Scouting Movement. It is always held during the third full weekend of October.
This years Jamboree On The Air is from Saturday, October 19th at 00:01 hours local time, to Sunday, October 20th, at 23:59 hours local time.

(*****
NEW ARRL SCOUT HANDBOOK AVAILABLE

Still with scouting, the ARRL Educational Activities Department has published a new booklet, the ARRL Scout Handbook, for use with Boy Scouts and Girl Scouts. The booklet includes information on the Boy Scout Radio merit badge and tells how to become a Boy Scout Radio merit badge counselor. It also has a suggested proposal for a Girl Scouts Amateur Radio Patch. Other sections explain how to get involved with the annual Boy Scouts Jamboree on the Air, as well as general information on ham radio and ideas on how to recruit Scouts to Amateur Radio.
The book is about Scouting and Amateur Radio and is available free of charge. Send an 8 1/2 by 11 inch self addressed, stamped envelope with 78 cents of postage, to the ARRL Educational Activities Department for your copy.

(*****
UK YHOTY

From overseas, word that the United Kingdom's Young Amateur of the Year presentation was made at the RSGB HF Convention to 16 year old Leroy Kirby, GW0ULC, from the town Cardigan in Dyfed. His selection earned him a prize of 300 pounds from the Radiocommunications Agency. He also received a guided tour of the Radio Monitoring Centre at Baldock and a general coverage receiver.
Leroy Kirby is actively involved in his local amateur radio emergency service and is the vice chairman of a YMCA amateur radio club. He is an avid contester and has an interest in packet radio as well.
The runner up was 15 year old Charles Banner, G7UBA, from Birmingham. Charles is a one of that nations youngest GB2RS newsreaders and promotes amateur radio through special event stations and teaching newcomers on a Novice Licence training course.

(*****
TEEN TO FORM HF NET

Here at home, word from fifteen year old KK5ZK of Lakeview, Arkansas that he is interested in starting a teen ham radio High Frequency net. Brad says that this would be a good opportunity to encourage hams with a no-code technician to upgrade and those who are inactive to get on HF and get a chance to meet other young hams. He is asking your advice on where

and when to gold such a net. Please send your input via e-mail to:

KK5ZK@juno.com.

(*****
DX

In DX, the operation planned for Rotuma Island by 3D2AG has been postponed until late October or November. 80 through 10 meter CW and SSB is definite. Some 160 meters and RTTY could be on tap as well. QSL via the callbook to 3D2AG only.
Also, EA6BH will be active from Cogo from October 16th to the 22nd as 3C1DX on SSB. Some RTTY is possible on 14.088 kHz as well. QSL via EA6BH.
And 9U5CW in Burundi has decided to temporarily suspend his ham activities. This due to what Alfredo terms security concerns. No word when he plans to return to the air.

(*****
WHERE IS KEN SESSION K6MVH?

Finally, Newsline needs your help in locating someone essential in the production of our upcoming 1000th anniversary show. We are trying to locate the ham who is considered the father of modern day ham radio bulletins, Ken Sessions, K6MVH.
Actually, Sessions may now be the former K6MVH as he has not been listed in the FCC database the past few years. Several people have told us that Ken may be in the Denver, Colorado area involved in the distribution of audio compact disks. A check of the Denver and surrounding prone books has yielded no result.
Ken Sessions is probably best known as the author of numerous books detailing the early days of FM and repeaters. He also did a stint as the Editor of 73 Magazine in the late 1960's. Earlier on, during the late 1950's and early 1960's, Sessions tongue in cheek Newsbeat ham radio newscasts were all the rage in California. We have some of his material on tape, but we would love to have Ken join us in person or on the phone for our anniversary celebration. After all, Ken Sessions started it all.
So, we are turning to you our listeners. If you know a Kendall Webster Session that used to hold the ham radio call sign K6MVH, let him know that Newsline is trying to reach him. Tell him that we want him as a guest on our anniversary show. He can call us at (805) 296-7180 anytime 24 hours a day.

(*****
And for this week, that's all from the Amateur Radio Newsline. You can write to us at:

NEWSLINE
P.O.Box 660937
Arcadia, California
91066

For now, with Bill Pasternak, WA6ITF at our editors desk, we at Newsline say five weeks and counting, 73 and we thank you for listening.

(* * * Newsline is copyright 1996 & all rights are reserved. * * *

--
< ^^>
< "Big Steve" Coletti >
< Computer and Network Installation, Upgrades and Repair. >
< Internet: bigsteve@dorsai.org >
< I was balding, then I installed Windows 95 and pulled the rest out. >
< US Mail: P.O. Box 396, New York, NY 10002 >
< Fax Weekdays/Voice Weekends: +1 212 995-2637 >
~~~~~~
~~~~~~

2631. Re: FS: All Ham Bands, Reply to Republican Congress

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: jxs2151@shore.intercom.net
Message-ID: <50uk79$b3d@shore4.intercom.net>
Source record: 217229
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.amateur.policy

In article <50u7fa$g8@kirin.wwa.com>, turtle@wwa.com (Gary) wrote:
>>I respectfully disagree with the above statement....Dole isn't worth a
>>damn but Clinton is a Marxist Liberal who is lying to appeal to the
>>mainstream america....Most folks actually believe what he says...He
>>will be elected in a landslide and then may God have mercy on us all!
>
>
>>Illigitimi non carborundum

>I agree and I can't belive that 55% of the country is going to fall
>for it.
>
> "73" Gary KF9CM
>
>

In that case then, you are what is known as the "minority". During your tenure as the "minority" you may voice your opinion as loudly as possible and participate in the whole process to the fullest extent possible. Four years from now then you will have the opportunity to be in the "majority."

Jeff

2632. Re: Free at last.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: Pat Wilson <pw@i2020.net>
Message-ID: <01bb9d91$d3768800$2901e8cc@PW>
Source record: 217230

Well, aren't you? I am not discussing anything. You questioned openly, I answered the same.
You replied, I will also. So are you, at this moment, approaching your Electrolux to finish the job.

Burt Fisher <k1oik@ccsnet.com> wrote in article
<3232B076.5B54@ccsnet.com>...
> Pat Wilson wrote:
> >
> > You use them both to pull your pud?
>
> Do not discuss something you do not have and/or use.
>
>
> #===============#==#
> | Burt Fisher | Teacher of video, broadcasting and electronics |
> | Amateur call | South Dennis, Ma. (Cape Cod) |
> | K1OIK | The less you say, the more people will remember |
> #===============#==#
> | k1oik@ccsnet.com |
> #===#
>
> http://www.qrz.com/cgi-bin/qrz_gifs?k1oik.gif
>

2633. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: kk5dr@io.com
Message-ID: <50umdh$prr@nntp-1.io.com>
Source record: 217231

> jjo@tekla.fi (Jari Jokiniemi) writes:
> In article <50ihak$2br@jupiter.planet.net> adell@planet.net (Steve - KF2TI) Landing, NJ writes:
> Remember this..if the US decides to go nocode HF, you still have the rest of
> the ITU to contend with. I have yet to see, other than the NEW Zealand
> proposal, ANY ITU country propose the removal of the code requirement
>
> Most propably there will be pressures to abandon CW requirement from
> South-American and African countries. They are mostly poor and want to
> establish a communication structure, the technology and the people to
> use it, quickly and cheaply. It is in the interest of those countries
> that as many technically oriented people as possible enter our hobby.
>
> USA has dominance in many many things, including amateur radio
> hobby. This means that quite a large portion of the world follows what
> USA does in amateur radio service. If USA abandons CW requirement, so
> does the rest of the world. If USA keeps CW requirement, so do most of
> the other countries.
>
> I guess it will be USA and Europe that will make the CW requirement to
> stay. Hope I am wrong.
> --
> Jari Jokiniemi, jari.jokiniemi@tekla.fi, OH2MPO, OH3BU
> Tekla Oy, Koronakatu 1, 02210 Espoo, 90-8879 474
>
>>>>
We see these kinds of "remove the code" restrictions, every time the sun spot cycle drops "10 mtr"
propagation to next to nothing. As the sun spots come back up, & 10 mtrs gets more active, you will less &
less "squacking". Read what ever meaning you want into this post....

Matthew A. Erickson
Paige,TX. (consult Rand Mcnally)
INTERNET ADDRESS; kk5dr@io.com

"EVERYONE, is entitled to their OWN, opinion, BUT, that does not mean I'm
REQUIRED, to listen to it !"

2634. ATV Equipment

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: Paul Bastian <pbastian@sprynet.com>
Message-ID: <01bb9d9b$1db03700$2dd5aec7@default>
Source record: 217232
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

I am interested in getting into the ATV aspect of the hobby. I have read a little bit about it, but I am in need of equipment. Does anybody know a good source to get the ATV equipment. Any information is greatly appreciated.

2635. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <50v13o$scl@jupiter.planet.net>
Source record: 217233

> kk5dr@io.com writes:
> > jjo@tekla.fi (Jari Jokiniemi) writes:
> > In article <50ihak$2br@jupiter.planet.net> adell@planet.net (Steve - KF2TI) Landing, NJ writes:

> >
> > Most propably there will be pressures to abandon CW requirement from
> > South-American and African countries. They are mostly poor and want to
> > establish a communication structure, the technology and the people to
> > use it, quickly and cheaply. It is in the interest of those countries
> > that as many technically oriented people as possible enter our hobby.
> >

If they're poor countries, I doubt they'd be pushing for a technology for
amateur radio as opposed to computer based. I can see the senerio now..

Yes Mr. (whatever) of 3rd world country. We need ham operators like
you to improve our conditions. We therefore require you to spend 10 years
wages on the FT1000D. I sincerely believe that amateur radio is not the means
for moving a country into the 21st century.

> > USA has dominance in many many things, including amateur radio
> > hobby. This means that quite a large portion of the world follows what
> > USA does in amateur radio service. If USA abandons CW requirement, so
> > does the rest of the world. If USA keeps CW requirement, so do most of
> > the other countries.

On what is this based?? The american market represents a small percentage of the total
amateur world population and in dollars spent. If this theory were true, the entire world
would have a non-code (no the term used) license class. Last time I looked only 3 or 4 did.
What makes anyone think that old phrase still plays true " What's good for the USA is good
for
the world??""

steve

2636. Re: ATV Equipment

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: chris.muriel@analog.com
Message-ID: <50v2vr$5p3@nwd2nws1.analog.com>
Source record: 217234
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

"Paul Bastian" <pbastian@sprynet.com> wrote:

> I am interested in getting into the ATV aspect of the hobby. I have
>read a little bit about it, but I am in need of equipment. Does anybody
>know a good source to get the ATV equipment. Any information is greatly
>appreciated.
Couldn't see an email address,callsign etc. so I'm unsure whether
you're in USA or Europe!!
In Europe,most ATV is on 24Cms & 10GHz bands using FM Video
modulation,almost the same as used by analogue satellite receivers.
Indeed,most people's receive setup uses TVRO parts.
IN USA,they're "behind the times" in that most ATV uses AM Video
(often on 70Cms band which uses a lot of the available bandwidth).
I know that HRO (Ham Radio Outlet) in USA lists some ATV gear.
There's also an outfit called "ATVQ" who were at Dayton hamfest
when I attended 3 years ago.They had European & USA books on
ATV.
There must also be a national organisation for ATV in the USA.
OTOH,if you're in Europe,give an idea of location or callsign &
I'll respond with where to get info & equipment in Europe.

Chris Muriel,Manchester,England (G3ZDM)
[chris.muriel@analog.com).

2637. Re: FS: All Ham Bands, Reply to Republican Congress

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: jrouse@infi.net
Message-ID: <50vbpg$83@nw101.infi.net>
Source record: 217235
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.amateur.policy

What total crap! Get real, for heaven's sake. If you really believe this foolishness, try Prozac!

73, John KA3DBN
--
John L. Rouse Packet: ka3dbn@ka3rfe.md.usa.noa
Capital-Gazette Communications FAX: 301-464-7027
jrouse@dc.infi.net PHONE: 301-262-3700 X200
john.rouse@reporters.net 410-268-5000

2638. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: carl@ais.net
Message-ID: <50vcl4$26k@news.ais.net>
Source record: 217236

In <50rooo$jcu@jupiter.planet.net>, adell@planet.net (Steve - KF2TI) Landing, NJ writes:

>Funny, all the new technology you propose seems to be geared towards
>VHF+.

A rash (and incorrect) assumption on your part ... only those who can't envision it wave their hands and assert that there's no possibility of new technology for HF ... that's the problem ... you can't see past the past.

>A no code license is perfect, where's all the techno-weinies
>you keep saying that code holds back???

A no-code license is NOT perfect ... it has created a ghetto of no-coders in the VHF/UHF bands ... most are not "upgrading" because they don't see CW as "upgrade" in any respect ... and they resent being relegated to second-class citizen status (or worse) by a group the "CW cult" that (for the most part correctly) technologically backward ...

>why aren't they perfecting new amazing techo-wizardrey for the VHF+
>frequencies??
>

Many are ... but many more still think ham radio is archaic because of the code ... they also have too much pride and self-respect to subject themselves to the treatment they see current no-coders receiving from narrow-minded, bigoted individuals and groups who worship antiquated technology as some sort of quasi-religion ...

>
>
>Tell you what Kar-el. You give me 6 convincing reasons how a no code HF license is
>going to save the HF bands, where code is being used on a regular basis, and I will take
up
>the cause.
>

I doubt that you'd "take up the cause" if God himself told you it was a good idea ... as I said to someone else, you'd probably just mutter something about "'nuther damned no-coder!"

>I want YOU to cite examples of HF band loss, how the HF bands are under attack
>by commercial interests. How the HF bands will benefit by the increased numbers
>of operators. In short, tell me a great a wise sooth sayer, say me some sooth
>

The HF bands are not under attack at this moment (to the best of my knowledge), but they WILL be in the next 10 years or less if we don't grow a great deal and start to push the technological forefront in HF .. I guarantee it ... satellites are expensive, the geostationary orbital arc is getting crowded, and third world countries are demanding (and getting) their "piece of the pie" satellite-wise ... in the not-to-distant future, many business and industrial users will look to HF again (using newer technologies that will blow CW out of the water).

But I doubt that you have the vision and open-mindedness to consider that ... it's much easier to stick your head in the sand, both politically and technologically ...

Carl - wa6vse
carl@ais.net

2639. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: carl@ais.net
Message-ID: <50vd2n$26k@news.ais.net>
Source record: 217237

In <50rq0f$jet@jupiter.planet.net>, adell@planet.net (Steve - KF2TI) Landing, NJ writes:
>> carl@ais.net%1:2619/211.9 (carl@ais.net%1:2619/211.9) writes:
>
>> I think you meant "quite" happy not "quick" happy ...
>
>Yes, that's correct Mr anal retentive, it's quite, not quick. It;s hard
>to type without hands.
>

If you have a legititimate physical disability that makes it difficult
for you to type, please accept my appology ... if your only disability
is mental, forget the appology ...

>> >> (Carl wrote)
>> >>>>My view is that the public interest would best be served by a vital,
>> >>>>growing, technically-progressive amateur radio service, not a bunch of
>> >>>>increasingly senile old-timers whose primary interest is in protecting
>> >>>>"their" bands from newcomers and new modes that they can't comprehend.
>> >>>>
>> >
>> >Well old timer, what makes you think they can't comprehend?
>>
>> Stupid questions like "Seen any Clover pileups lately?" and dozens more
>> that show complete ignorance of the new technology that's available and
>> the inability/unwillingness to understand its benefits/value, and how
>> the future of ham radio depends on progress, not stagnation.
>
>
>all your new technology is for the VHF+ bands, which is accessable with
>a noncode (new term) license. how does HF benefit from this new technology.
>

Shows how much you don't know about technology ... Clover is for HF ...
and there are a hell of a lot of possibilities for future developments
in HF technology ... the main impediment to amateur participation and
leadership in that area is the code test and the second-class status
afforded to no-coders regardless of their level of technical savy ...

>and I ask again, is your real name Vince? seems you and he are never on at the
>same time Hmmmmm???? you don't suppose??? Nahhhh
>
First, I don't know who you're referring to when you rant about "Vince"
.. I assume he must be a no-code proponent, or you wouldn't ask ...
second, I say what I think and have no need for pseudonyms ...

Carl - wa6vse
carl@ais.net

2640. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: carl@ais.net
Message-ID: <50vdcc$26k@news.ais.net>
Source record: 217238

In <09960802172709.OUI91.70015.1514@compuserve.com>, 70015.1514@compuserve.com (Dave Sjolin) writes:
>>> >
>> Only "members" get QST (where the survey was printed) ...
>> supposedly some non-members were mailed a copy, but I've not heard of
> > any proof of that ...
>>
>>
>> Carl - wa6vse
>> carl@ais.net
>
>
>
>QST is available for sale in a variety of electronic stores and book
>stores. they have the survey as well <<
>
>Its even available at the grocery store in my town. Any one that wants
>it can get it. 73 de Dave, N0IT
>

Where were you a week ago when about a dozen other people said the same thing?

As I pointed out then ... the newsstand price is a hell of a lot more than the discounted subscription that is the essence of "membership" ... from the "only reason I joined was to get QST" responses and e-mail I've gotten it looks like a very large portion of the "members" are, like me, in fact "subscribers".

Like I said ... I have no illusions/delusions that ARRL will EVER represent my interests or the interests of the true majority of US hams .. it's a publishing empire, first and foremost, run by a bunch of folks who have found a clever way to avoid getting real jobs ... beyond that, it's a "good old boy" club, plain and simple.

Anyone who sees it differently is fooling himself ...

Carl - wa6vse
carl@ais.net

2641. ARRL and the little LEO grab

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep8.202541.10037@ke4zv.atl.ga.us>
Source record: 217239
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <50s7vj$a97@news.ais.net> carl@ais.net writes:
>In <50rpv7$ggs@mgate.arrl.org>, Ed Hare <ehare@arrl.org> writes:
>>
>>The folks who put the amateur 2-meter and 70-centimeter bands on the
>>plate for the little LEOs probably honestly believed that they could be
>>legitimate sharing partners. They are not looking to be primary in
>>the amateur bands. I don't know whether they are seeking to be primary
>>in any of the many other frequencies they put on the plate, but it is
>>quite likely that they are not.
>>
>
>Ed, I can't believe that you are actually naieve enough to believe that
>.. they're technical folks ... they understand the realities of
>weak-signal satellite links ... they know that the 2m and 70cm are
>already quite heavily occupied (by amateur standards, considering the
>present state of technology in wide-spread use by amateurs). Actually,
>if the ARRL IS naieve enough to believe what you said above, it should
>immediately raise a serious question about the ARRL's ability to
>"protect" our allocations by recognizing potential threats ...

The folks proposing this are *not* technical folks. They are *lawyers*
representing *marketeers* working at Beltway consulting companies.
I'm quite sure there *is* a technical type somewhere in the background
slapping his forehead and crying, "Are you *nuts*?", but his isn't the
controlling voice here, and I doubt the lawyers could understand the
issues if they were explained to them. When marketing and legal get
together, engineering can only duck for cover.

>They're not going to spend a few hundreds of millions of dollars to
>launch their constellations of satellites and then passively accept the
>interference they'd get ...
>
>They're hoping to "get their foot in the door" ... plain and simple ...
>and IF they do, once they launch their systems and "discover that their
>sharing plans don't work after all" they'll be back at the FCC in a
>heartbeat, complaining about interference and seeking to "move the hams"
>.. guaranteed!

That's certainly the outcome to be expected. What Ed is saying is that
the lawyers proposing this little LEO grab may not yet realize that this
would be the ultimate result of attempted sharing. I'd add that they
probably wouldn't care if they did realize this. In that regard, a
technical document is really of no value in changing their positions.
They are unlikely to be persuaded that actions which would result in

further legal work for them could possibly be a bad thing.

This issue will have to be settled *politically* and *economically*,
not technically. Somebody in authority is going to have to fear he'll
lose his job over this before the issue will be settled. In that regard,
the ARRL call for public outcry has been a correct response. It strikes
directly at the politics of the issue by directly confronting the
political appointees ultimately responsible for the outcome with
a block of voters who are outraged at the grab attempt.

The committee chairman, and his political masters, have to feel the
heat. As long as they could deal in relative obscurity, cutting deals
in the backrooms of DC law firms, amateur radio interests were dead
meat. But once their activities were exposed to the strong light of
public scrutiny, they've been forced to scurry for cover, like
cockroaches when the kitchen light is turned on.

On the economic front, the potential licensees for this little LEO
operation have to be alerted that they will face *intractable*
interference from the disgruntled former occupants of the spectrum
grabbed. It has to be pointed out *forcefully* that there is no
practical way to enforce cessation of interference in this spectrum.
There are too many radios, and too many users, for the government
to deal with effectively. CB is the premiere example that the government
cannot effectively control spectrum where they don't have majority
voluntary compliance from its users.

Today, other amateurs have an incentive to hunt down and deal with
sources of interference in this spectrum, but if it becomes no longer
amateur spectrum, that incentive will be gone. The government has
demonstrated an inability to deal with the problems. There is little
or no reason to believe that will change in an era of decreasing
enforcement budgets and staffing. And the prospective little LEO
operators aren't flush enough to take the enforcement task upon
themselves. If even the mighty "phone police" can't effectively
control cellular fraud, what's the chance a LEO startup can deal
with the (oh so easily generated) interference to their operations?

The ARRL's technical document can't hurt. It will illumine the real
technical issues. But it won't determine the outcome. That's political,
and it is political muscle which will win or lose it. Fortunately,
amateur radio's political muscle has grown by 33% since we lost the
last grab for our spectrum. It appears to be enough, this time, but we
need to grow it even larger for the times ahead when the grab attempts
will be more seriously pressed.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2642. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: carl@ais.net
Message-ID: <50vec6$26k@news.ais.net>
Source record: 217240

In <50v13o$scl@jupiter.planet.net>, adell@planet.net (Steve - KF2TI) Landing, NJ writes:
>
>If they're poor countries, I doubt they'd be pushing for a technology for
>amateur radio as opposed to computer based. I can see the senerio now..
>
>Yes Mr. (whatever) of 3rd world country. We need ham operators like
>you to improve our conditions. We therefore require you to spend 10 years
>wages on the FT1000D. I sincerely believe that amateur radio is not the means
>for moving a country into the 21st century.
>

First, I'd like to take note of your equation of "poor countries" and
"3rd world country" ... (just a note, that's all for the moment)

Second, I would submit, based on your previous postings, that you are
too shortsighted and narrowminded in the technical sense to see the
tremendous potential that amateur radio has for helping developing
nations interest and train people in communications technology ... for
countries where entire villages may exist without a single phone, even
the current backward state of ham radio looks pretty good as a
technicnological starting point ...

>> > USA has dominance in many many things, including amateur radio
>> > hobby. This means that quite a large portion of the world follows what
>> > USA does in amateur radio service. If USA abandons CW requirement, so
>> > does the rest of the world. If USA keeps CW requirement, so do most of
>> > the other countries.
>
>On what is this based?? The american market represents a small
>percentage of the total amateur world population and in dollars spent.

OK, now back to the "poor countries" and "third world countries ... for
the most part, the existing hams there are relatively affluent ... they
are the professionals and the business owners ... and they operate the
same level of "rice-box" technology as most US hams ... so the argument
that "you have to use CW to talk to the impoverished ops in DX
countries, 'cause all they can afford are CW peanut-whistles" is false.

Given that the existing hams have rigs, we're talking about bringing in
more upper-economic people who would buy rigs and we're talking about
training poorer people ... who might well build government-subsidized
kit rigs ... but they wouldn't be CW rigs, because no government in its
right mind would consider that an adequate starting point.

Carl - wa6vse
carl@ais.net

2643. Re: FS: All Ham Bands, Reply to Republican Congress

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: agray@voicenet.com
Message-ID: <32333A46.3088@voicenet.com>
Source record: 217241
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.amateur.policy

Jeff Stevenson wrote:
>
> In article <50u7fa$g8@kirin.wwa.com>, turtle@wwa.com (Gary) wrote:
> >>I respectfully disagree with the above statement....Dole isn't worth a
> >>damn but Clinton is a Marxist Liberal who is lying to appeal to the
> >>mainstream america....Most folks actually believe what he says...He
> >>will be elected in a landslide and then may God have mercy on us all!
> > >
> > >
> >>Illigitimi non carborundum
> >
> >I agree and I can't belive that 55% of the country is going to fall
> >for it.
> > >
> > > "73" Gary KF9CM
> > >
> > >
> >
> In that case then, you are what is known as the "minority". During your
> tenure as the "minority" you may voice your opinion as loudly as possible and
> participate in the whole process to the fullest extent possible. Four years
> from now then you will have the opportunity to be in the "majority."
>
> Jeff

Maybe-

2644. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: carl@ais.net
Message-ID: <50vepi$26k@news.ais.net>
Source record: 217242

In <50rpe8$jet@jupiter.planet.net>, adell@planet.net (Steve - KF2TI) Landing, NJ writes:
>> carl@ais.net writes:
>
>> too many existing hams really don't have
>> a clue about the radio part (but they can copy xwpm CW) ... they just
>> memorized some multiple guess questions.
>
>Gee, what a slap at those who aspired to rise above the status quo
>and work towards better themselves. Kinda makes the no code agruement
>the radio equiv. to a welfare state
>

How so? I have no respect for a ham who hasn't a clue about how his radio works and got his license by passing a multiple guess test simply because he was able to memorize a sufficient number of questions from a pre-published pool ...

I and others who have proposed that the CW test be dropped are not looking for "welfare" ... we've almost universally stated our support for making the theory part of the exam more meaningful.

>> As for the commercial license equivalent, I passed that in 1975, too.
>
>I got mine in 1972, and you point is????
>

The point is, someone said they'd support a no-code HF license with tougher theory testing, on the line of the old commercial phone tests .. which were comparable in depth and difficulty to the current extra class written test ... I simply said, "No problem, been there ... done that."

I would submit that if you're going to try to "take a shot" at everything I say, you're going to need ammunition of a more appropriate caliber. (Your "gun" is a bit on the small side, too, it would seem.)

Carl - wa6vse
carl@ais.net

2645. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep8.212105.10277@ke4zv.atl.ga.us>
Source record: 217243

In article <jlowmanDxDLyI.K9x@netcom.com> jlowman@netcom.com (Jim Lowman) writes:
>I never did feel qualified to design much of anything, as my only formal
>education in the field of electronics dealt with the aspect of maintenance.

That's the beauty of amateur radio. It is for the non-professional
designer. You don't need a formal degree to do amateur design, just
a desire to do it and a willingness to read a few books and *experiment*.
Ok, so your designs don't always work. That doesn't matter. You aren't
being paid to do it, your family's survival doesn't depend upon it. You
do it because you want the challenge, and to learn something new. The
most valuable education you get isn't formal, it's what you learn hands
on as you pursue objectives throughout life which has the greatest
impact.

>: >I would be willing to go for a no-code (or maybe 5 wpm; that isn't asking
>: >that much) HF license, provided that there was no encroachment on the CW
>: >portions of the bands, ever. My own theory is that, when the phone bands
>: >become even more crowded, human nature says that there will be a grab for
>: >the CW portions of the band.
>
>: This is a legitimate concern. The data sub-bands could be put at risk
>: if too much pressure were placed on the voice and image sub-bands. So
>: we should encourage the use of data modes more on HF so that these
>: sub-bands are better defended. Remember, you can use CW anywhere, not
>: just in the data sub-bands. The data sub-bands are small enough now,
>: and defacto are even smaller since the data users voluntarily restrict
>: their spectrum usage to accomodate the CW users who tend to congregate
>: toward the bottom of the data sub-bands. We wouldn't want these limited
>: segments to become even smaller.
>
>Glad I'm not alone in this thinking. But isn't this *really* what the
>code/no-code debate is about? I can't believe that most of the defenders of
>CW are doing so, just because they feel that everyone should have to pass a
>code test, simply because they did. There have been some counterexamples to
>the notion that CW is a lid filter, but I tend to believe in this theory to
>some degree. After all, very little, in real life, is 100% effective.

I don't think Morse testing is a LID filter. I believe people value
a thing (like their license) for what it enables them to do, today
and tommorrow, and not for what they once did to get it. So I don't
buy into this argument that people behave because they once had to
perform a manual ritual to get their license.

And I don't think the majority of the vehement Morse testing defenders
are actually closet SSB operators who want to protect their spectrum

from overcrowding. Oh, I'm sure there are *some* who have that as their motivation, but not most.

I think a larger number of those people are simply of the "I had to do it, so should you" school. They had to pass the hazing ritual, and may have hated it at the time, but now *they're* the insiders and want to inflict the ritual on those who come after them. They get a sort of perverse thrill out of passing on the pain. It is, in a twisted way, their way of striking back for what they endured but were powerless to avoid.

Then there are those who truly love using Morse, but who are fearful that it is slipping away. In their heart of hearts, they realize it is obsolete, and fear that without the forced government recruitment of the Morse tests, most people wouldn't bother to learn it, but would instead embrace a better method. They've seen all their arguments for its utility crumble as one by one other services have abandoned it. The Coast Guard's abandonment was the cruelest cut of all for many. Now they see amateurs who want to abandon it too, and that scares hell out of them. Their one prized skill is being devalued, and the only way left to keep it alive is to appeal to government protectionism, welfare for Morse, in the form of tests and restricted frequencies.

>In college, I had to take classes that I deemed irrelevant to my science
>major, and would never use, but that's just part of getting the degree.
>In studying for my Extra, I have learned about every obscure mode of
>communications available to hams, although I will never use ACSSB or packet,
>in all probability. I did learn enough about spread-spectrum techniques to
>whet my appetite for this high-tech mode, though. Learning is never a total
>loss.

Yes, it is true that colleges (most often those who pretentiously claim the title "university") often require you to take courses extraneous to your major field. They offer many excuses, but mostly the claim is that doing so "broadens" you as a person (but eating too many Ding Dongs can do that too). Trade schools are more practical. They teach you what you need to know about what you want to do, and leave it at that. If you want to get fat on your own, that's up to you.

Licensing isn't supposed to be broadening. Its purpose is to satisfy the government that you know enough not to be a danger to yourself or others on the spectrum. Of prime importance is avoidance of interference to other services, such as life safety services. That was the justification for Morse testing in the era when life safety services only has Morse as a way of warning amateurs off from causing interference to their activities. That justification is now moot.

>: Of course we could accomodate the voice users another way. We could
>: switch from analog to digital voice techniques (preferably spread
>: spectrum) and put voice on a more equal footing with the data modes.
>: This would allow the abolition of the formal sub-bands entirely
>: without incurring the bad manners we'd otherwise see. Such a switch

>: is not implausible. It would be no more cumbersome to accomplish
>: than the switch from DSB with carrier AM to SSB, and the benefits
>: it brings would be similarly motivating.
>
>I wouldn't mind giving this a shot.
>
>: But then that other manual method, OOK Morse, would be the one whose
>: users suffer from frustration. In that regard, we'd need a sub-band
>: which was OOK Morse exclusive, a sanctuary if you will, for those
>: wishing to use this manual method. Since such a sanctuary does not
>: now exist, I propose the lower 25 kHz of each band be set aside as
>: such a sanctuary. We could convert to SS CW instead, but I don't
>: think that would fly with most CW enthusiasts. It is the very
>: primitiveness of the technique which seems to be its main appeal.
>
>Maybe this is just the right compromise, then.

I think so. I'd hasten to add that CW would not be *restricted* to
just these sanctuaries. CW operators could play on the freeway too
if they liked. The purpose of these sanctuaries is only to give a
proetected place away from heavy traffic in which to play with less
powerful methods in relative peace.

Gary
--
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Lawrenceville, GA 30244 | |

2646. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: carl@ais.net
Message-ID: <50vhd9$5fu@news.ais.net>
Source record: 217244

In <50n94j$dmk@news.Hawaii.Edu>, jherman@Hawaii.Edu (Jeffrey Herman) writes:
>This should *really* disappoint you, John:
>
>My "Why ham radio is not dependant upon what happens in other services" file:
>*We ragchew for hours, the other services don't
>*We install rptrs that duplicate coverage of already existing rptrs just
>for ego sake, others don't
>*We use rptrs when simplex would suffice, others don't
>*We have on-the-air contests, others don't
>*We bounce signals off the moons (EME) just for fun, others don't
>*We purposely reduce power (QRP) for fun, others don't
>*We have antenna measuring contests, others don't
>*We work meteor scatter just for fun, others don't
>*We build and modify radios for fun, others don't
>*We go to swap meets and bargain for junk, the others don't
>*We have radio club meetings, the others don't
>*We think of radio as a hobby, the others don't
>*We have DXpeditions, the others don't
>*We carry HTs in our belts to look official, the other services don't
>*CW is our most second used mode on HF, not so with the others
>*We still use AM on HF, the other services don't
>*We have antenna restrictions imposed upon us by neighborhood boards, others
>don't
>*We work SSTV, the others don't
>*We debate on the radio newsgroups, the others don't
>*(still under construction)
>

Of the above, the ONLY one that serves ANY continuing purpose from the prospective of meeting our regulatory raison d'etre is "build and modify radios". The development of moonbounce and meteor scatter techniques was forward-reaching stuff ... in the 1950's ... other services have made use of, and advanced the state of the art in, those modes FAR beyond the stagnant "novelty" use hams have made of them.

Some of them are actually VERY dangerous and detrimental to the future of ham radio ... the worst being "We think of radio as a hobby." This has been carried so far that there's no sense of responsibility to the real reasons for the existence of the Amateur Radio Service ... public service and experimentation with and development of technology.

>If you actually believe that passing huge files of data via the digital
>modes that most hams will never read is efficient communication then
>you've got to quit hitting the bottle.
>

This is your bias, and does not measure up with reality ... file transfer and bbs forwarding are by no means the only use for digital modes ... you lack of vision and understanding of the potential uses for new digital techniques is, unfortunately, common, but non-the-less incorrect.

>But if you want to be like the other services, John, then join them. The
>Army and Navy will certainly train you to work their gear. Their mission
>is *very* different from ours, though.
>

Again the "Do it OUR way ... the way "real hams" do it, or stay the hell away!" ... a WONDERFUL invitation to prospective newcomers to our ranks, right? (Its' clear to me that it's INTENDED to drive them away .. so "your" HF bands don't get too crowded, right?)

So sad ... ham radio is so desparately in need of a vision of BETTER ways, but it insists on clinging to OLD ways ...

Carl - wa6vse
carl@ais.net

2647. Re: ARRL and the little LEO grab

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: carl@ais.net
Message-ID: <50vi6b$5fu@news.ais.net>
Source record: 217245
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <1996Sep8.202541.10037@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>In article <50s7vj$a97@news.ais.net> carl@ais.net writes:
>
>>Ed, I can't believe that you are actually naieve enough to believe that
>>.. they're technical folks ... they understand the realities of
>>weak-signal satellite links ... they know that the 2m and 70cm are
>>already quite heavily occupied (by amateur standards, considering the
>>present state of technology in wide-spread use by amateurs). Actually,
>>if the ARRL IS naieve enough to believe what you said above, it should
>>immediately raise a serious question about the ARRL's ability to
>>"protect" our allocations by recognizing potential threats ...
>
>The folks proposing this are *not* technical folks. They are *lawyers*
>representing *marketeers* working at Beltway consulting companies.
>I'm quite sure there *is* a technical type somewhere in the background
>slapping his forehead and crying, "Are you *nuts*?", but his isn't the
>controlling voice here, and I doubt the lawyers could understand the
>issues if they were explained to them. When marketing and legal get
>together, engineering can only duck for cover.
>

Gary,

It's rare, from what I've seen, but here we disagree ... I DO believe that the technical folks *specifically* wanted 2m and 70cm ... the bands are technically ideal for their proposed operation and all of the surrounding spectrum with similar technical characteristics is "owned" by commercial interests with far more political and economic clout than us hams. (Part of my career was involved in the mobile satellite industry ... I'm quite familiar with some of the players.)

The lawyers are just "hired guns" and do what they're told.

I think they all (technical folks and lawyers) *quite consciously* tried to slip one past us and get a recommendation for reallocation from a government committee. They were hoping that the committee would say something like "Let's see, what have we here? Public safety? Nope, can't move them, nor trucking, nor the utilities, nor the taxi companies .. hum ... wait a second ... here we go ... we'll just move these hams ... shouldn't be more than a few thousand of them inconvenienced and they've got other bands ..."

With their foot in the door like that at the committee, they'd be much more potent adversaries.

Carl - wa6vse
carl@ais.net

2648. Re: Little LEO again (was Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: carl@ais.net
Message-ID: <50vipl$5fu@news.ais.net>
Source record: 217246
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <50sins$s79@abyss.West.Sun.COM>, myers@West.Sun.COM (Dana Myers) writes:
(I believe Ed wrote the following paragraph ... Carl - wa6vse)
>>The folks who put the amateur 2-meter and 70-centimeter bands on the
>>plate for the little LEOs probably honestly believed that they could be
>>legitimate sharing partners. They are not looking to be primary in
>>the amateur bands. I don't know whether they are seeking to be primary
>>in any of the many other frequencies they put on the plate, but it is
>>quite likely that they are not.
>
>This little nugget of very important information was left out
>of the original "Write Now!" announcement, and, I believe, that
>was a grave error.
>

Don't you believe it ... the little LEO folks are not that stupid, and it wasn't technical ignorance causing a mistake on the part of their lawyers ... they knew EXACTLY what they were trying to do ... get a foot in the door. (see my response to Gary under "little LEO again" or something similar)

>So, the working group was reminded that amateur radio is
>important - is this something they don't already know?

I would submit "Yes!" I doubt that they think ham radio is worth diddly .. I don't agree with that view, i just suspect they think "Ham radio? Oh, yeah ... a bunch of old guys that still use Morse code. How backward!"

>
>The real issue has to do with how sharable the 2m and 70cm bands
>are. It was fairly clear to me that the working group was assuming
>that all of the activity on 2m and 70cm is homogenously NBFM. Of
>course, this is false. There is weak signal and television activity
>on these bands, things that the working group may not be aware of. These
>activities deserve protection, and the UHF ATV may present a greater
>interference problem than the working group expects.

The little LEOs, if given access to 2m and 70cm, will be back at the FCC a week after they launch, saying "We have to get rid of those hams, they're thrashing our system." Take it to the bank!

Carl - wa6vse
carl@ais.net

2649. Re: Who actually ENJOYS CW and could care less abo

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: carl@ais.net
Message-ID: <50vjbt$5fu@news.ais.net>
Source record: 217247

In <82@ibbs.av.org>, js@ibbs.av.org (Jeff Stillinger) writes:
>
>I am an old fart. For 11 years I have used both voice and CW. CW is a
>mode worth using. I can go both ways on this issue. If CW where to
>be gotten rid of, then I would like to see the 500 question pool NOT be
>released and questions and answers. Simply release a text book that
>will need to be studied in detail in order to pass the test.
>

Most no-code adocates seem to support a more meaningful technical test
as a suitable, legitimate alternative to the code test.

>On the other hand there is no reason to get rid of CW. Either as a
>mode or as a requirement to get a license.

There is a large body of opinon (and supporting evidence) indicating
that there are a lot of good reasons to eliminate the CW test.
Nobody seems to be suggesting the first (ban the mode) ... only the
second (eliminate the test).

>Why be lazy, why look at
>it as such hard work? Just learn it. It is not that hard to do.

It's NOT a question of lazy ... it's a question of interest and
relevance.

>It is sorta fun to learn and use.

It was/is for YOU (enjoy) ... it is NOT for many.

>What can I say folks. I miss the old days. The days when as a young
>man of 18, keeping the coffee pot warm on top of the radio. That nice
>orange glow of the tubes, and neat shadows it leaves on the wall.
>That slight dim of the lights when one tunes up. The ckt breakers
>tripping off when SWR reached 3:1. Voltmeters bigger than the desk
>the radio sits on. Now I tune up and find almost no one to talk with.
>A real bumber...

You can miss the old days as much as you want ... they won't return.
Those that try to stand in the way of progress have, historically
speaking, eventually been run over by the steamroller.

That will happen to the die-hard "keep the code" folks at some point,
too. It's inevitable. The only questions are "when?" and "how?"
If it comes soon, we may just be able to save ham radio from being run
over by the steamroller, too. If we wait too long, I'm afraid ham radio
itself will end up as technological "road kill."

Carl - wa6vse
carl@ais.net

2650. Re: Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: carl@ais.net
Message-ID: <50vjpq$5fu@news.ais.net>
Source record: 217248

In <50snvv$mt@anomaly.ideamation.com>, kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:
>In article <50s9ke$a97@news.ais.net>, <carl@ais.net> wrote:
>
>>My point is that your previous implication that Drew only hear old folks
>>because he lives in Florida was rediculous.
>>
>>Drew could be (an likely was) hearing folks from all over the place.
>>
>>That's the point that I was making ...
>
>Yes Carl, but the only problem is that Drew, by his own admission,
>>doesn't own a radio<.
>
>So, unless some old geezers in Georgia and Alabama are yelling
>really, really loud, the only OLDE FARTZ that Drew hears are the
>ones sitting next to him.
>

Mike,

I believe I remember hearing somewhere that Drew is a student. Perhaps he has access to a club station.

In any event, the list of things Drew talked about hearing on HF was pretty close to reality ... and that should count for something, even if you don't like Drew.

There were also several responders who said, essentially, "Yes, that's a big proportion of what I hear, too ... and it IS pathetic."

Carl - wa6vse
carl@ais.net

2651. Network models

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep8.222150.10528@ke4zv.atl.ga.us>
Source record: 217249
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <50sfvv$f1o@news.ais.net> carl@ais.net writes:
>In <1996Sep7.024026.2184@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>>56 kb packet *is* old hat. We've been doing that for 8 years. It's
>>no challenge (strong signal technique in a simple gaussian noise
>>environment rarely is). It is practically Plug and Play using hardware
>>available off the shelf. The reason *everyone* doesn't use it is not
>>technical. It is primarily ignorance and amateur politics. Ignorance
>>can be cured, provided people will open their minds and listen, but
>>politics is a nastier nut to crack (and not something most technical
>>people care to address). One way to break the logjam is to bring in
>>fresh people who aren't burdened by preconceived notions of what
>>is possible and practical over amateur radio.
>
>Precicely accurate on all counts ...
>
>>Outside of the metroplexes, amateur networks are sparse. VHF/UHF
>>won't do to span the distances required to tie together the scattered
>>VHF/UHF MANs. We need a WAN technology to do that, and barring amateur
>>geosynchronous satellites, that's HF. HF offers difficult and novel
>>challenges to the modem and protocol designer because of the unstable
>>nature of the channel, IE multipath, non-gaussian noise, and variable
>>propagation. This is where the really interesting work will be done
>>by amateurs (regulations permitting). It is already starting to be
>>done by developers in the commercial realm.
>
>And we'd better be perceived as pushing technology forward, or someone
>else will come along and try to apply a "Pioneer's Preference" argument
>to themselves to reallocate our HF spectrum for their new use ... in
>this regard, adherence to CW does NOT "cut the mustard" ...

That's true. The Commission is charged to allocate spectrum in much
the same way as Zoning boards are charged to zone property. They are
to give precedence to the "highest and best use".

>>We need to shift our paradigm away from the telco model of high
>>speed trunks and low speed local loops. Reality says amateurs
>>must use high speed local loops and lower speed trunks.
>
>This is an interesting concept ... I'm not sure I agree that it's
>necessary (or completely correct) but I need to think this one over
>a bit ...

Please do. It is the central concept which needs to be understood.
We don't have the resources to install high speed GEO relays, so

we are constrained by physics to HF, and that simply won't support
a number of T3s.

>>seen by some as a handicap, but it isn't really. Traffic analysis
>>shows that the most intensely interactive and content rich traffic
>>will be local, with less frequent and less demanding need for long
>>distance traffic. With the proper paradigm, this can be a quite
>>successful and useful model.
>
>Same response as previous paragraph ...

Even the telcos understand this. It is tempting to speak of the
"global village", with someone halfway around the world being as
close as your next door neighbor. But the reality is that you
have more frequent interactions with your neighbors than with
those more distant. That's generally because you have more in
common with people in your area than with people further away
who you probably don't even know exist.

The internet is in some ways a contradiction of that. The flat
rates tend to allow communities to form who are geographically
dispersed. But still, if you want to play Doom, it's more likely
you'll do it on your local ethernet than with someone on the
internet on another continent. Even relatively fast trunks have
limits, especially when they are shared by the whole world.

>>Much of our current amateur radio long distance traffic is highly
>>redundant and low in information content. That can easily be
>>compressed into more compact and efficient form. In many cases,
>>complete messages can be compressed into a single symbol or
>>small number of symbols. In theory, any message can be expressed
>>as a single Godel number. In the past, this hasn't been practical
>>due to limited computing resources. That's changed. While we
>>might not actually want to use Godel numbers, we can use
>>dictionary based (similar in concept to ARRL numbered radiograms,
>>but with many many more possible messages chosen automatically
>>by computer to match the message content entered by the amateur
>>as closely as possible) or recursive TIL based methods of compressing
>>content (Java is an example of a way to reduce traffic on
>>the network while still maintaining the illusion of a highly
>>interactive connection for the user).
>>
>
>The average CW proponent is probably wondering "What the hell does
>*coffee* have to do with the code?" ... :-)

Tsk, tsk. Just because they like CW doesn't mean they don't know
about other things. In particular, the ARRL numbered radiogram
idea was originally a construct of the CW relay networks of its
era, so the idea of dictionary data compression isn't foreign
to the CW operator. He might not have thought about it as a
powerful compression method before, however.

>>As long as we can forego highly novel content rich exchanges, we
>>can utilize HF trunks with 8x less throughput than our local loops
>>without creating significant bottlenecks.
>
>But must we sacrifice content? I don't think so ...

Highly novel rich content, yes. We don't have the bandwidth to
do otherwise over long distances. Even if we used *all* of our
HF allocations strictly for data, and used the best currently
known techniques, we'd only have the equivalent of 6 T1s *for
the world*. Those T1s wouldn't be exclusively for our own use,
they'd be shared with every other amateur on the planet. And
of course because of propagation, we could only use a fraction
of that capacity at any given time. So if every amateur decided
to web browse at the same time, each would have a throughput
of about 1 bps. It's not really that bleak. Propagation helps
as well as hinders. We can practice quite a bit of frequency
reuse because of propagation. But *we* don't dictate to the
ionosphere, it dictates to us, so any extra throughput we
get may not be to places we want to go at any particular
time. So we need to be parsimonious with the resource that
we have.

>>Especially for interactive
>>exchanges, HF links are better because they have lower latency.
>
>I'm not sure I understand why anything other than HF *must* have
>(significantly) high(er) latency ...
>
>>Latency is the real killer of interactivity, and it increases in
>>direct proportion to the number of relay hops used, and decreases
>>only marginally with increased trunk speeds. By replacing dozens
>>of UHF hops with a single HF hop, we can keep latency down enough
>>to more than make up for the relative ratio of trunk speeds.
>>
>
>Again, interesting ...
>This, of course, applies to "current" 1200/9600 baud AFSK packeet
>"technology", but I don't beleive that it has to apply to *all*
>techniques that could be applied above HF ...

It applies to any packet switched technology. Each switch must
wait until it receives an entire packet to determine if it is
valid, and to determine where to forward it on. Then it must
transmit that packet. It takes just as long to retransmit it
as it took to receive it, so effective channel baud for that
message is halved with each relay. This is the reason multiple
hops introduce latency. On a 6 hop path, the effective baud for
that message is 2^6 less than the basic baud used between
switches. In other words, a 9600 baud channel effectively has
the round trip delay of a 150 baud channel if it has to go
through 6 hops.

Of course if the traffic isn't interactive, and has a *huge*
sliding window at the end to end transport level, we can
pipeline. The latency is still there, but because we can
keep the pipe full, the amount of data sent remains consistent
with a 9600 baud channel. That's useful for bulk mail, but
isn't much good for interactive things like web browsing or
interactive games.

>>By using improved signal modulation codings and demodulation
>>techniques, we can achieve 9600 baud on HF without excessive
>>bandwidth consumption.
>
>This is correct, but to an extent panders to the idea that using more
>bandwidth is inherently "bad" and inefficient ... which I know *you*
>know is not true ...

Well, we have finite bandwidth. We can use it in a number of ways.
SS uses it one way, narrowband technique uses it another, but the
available bandwidth is still finite, and the amount we use of it
still remains the same whether we take it in thousands of little
slices or all in one lump. There are advantages and disadvantages
to either approach. (For disorganized amateur radio, SS has more
advantages than deficits.)

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2652. IPS Daily Report - 08 September 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <50vjc2$125@flare.syd.ips.oz.au>
Source record: 217250
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 08/2330Z SEPTEMBER 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE AUSTRALIAN SPACE FORECAST CENTRE
SUMMARY FOR 08 SEPTEMBER AND FORECAST FOR 09 SEPTEMBER - 11 SEPTEMBER

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 68/2

GOES satellite data for 07 Sep
Daily Proton Fluence >1 MeV: 5.3E+05
Daily Proton Fluence >10 MeV: 1.8E+04
Daily Electron Fluence >2 MeV: 2.3E+07 (normal)
X-ray background: A2.1
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
09 Sep 10 Sep 11 Sep
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 09 Sep: 68/2

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Quiet to unsettled

Estimated Indices : A K Observed A Index 07 Sep
Learmonth 6 2211 3211
Fredericksburg 6 8
Planetary 7 10

Observed Kp for 07 Sep: 3343 1222

2B. MAGNETIC FORECAST
Date Ap Conditions
09 Sep 7 Quiet to unsettled
10 Sep 9 Quiet to unsettled
11 Sep 8 Quiet to unsettled

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band

Date Low Middle High
08 Sep Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
09 Sep Normal Normal Normal
10 Sep Normal Normal Normal
11 Sep Normal Normal Normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
08 Sep -1

Observed Australian Regional MUFs:
Darwin: 15-30% depressed between 0000 and 0800 UT,
near predicted monthly values at other times.
Hobart, Sydney and Townsville: Near predicted monthly
values.

Predicted Monthly T index for September: 9

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
09 Sep 10 near predicted monthly values
10 Sep 10 near predicted monthly values
11 Sep 10 near predicted monthly values

--
IPS Radio and Space Services | email: asfc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/asfc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
tel: +61 2 94148300 | fax: +61 2 94148331

2653. Re: Little LEO again (was Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep8.224455.10683@ke4zv.atl.ga.us>
Source record: 217251
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <50sins$s79@abyss.West.Sun.COM> myers@West.Sun.COM (Dana Myers) writes:
>The real issue has to do with how sharable the 2m and 70cm bands
>are. It was fairly clear to me that the working group was assuming
>that all of the activity on 2m and 70cm is homogenously NBFM. Of
>course, this is false. There is weak signal and television activity
>on these bands, things that the working group may not be aware of. These
>activities deserve protection, and the UHF ATV may present a greater
>interference problem than the working group expects.
>
>When I wrote to the WRC97 alias, I asked that weak signal and experimental
>activities be protected. This might mean that the LEOs are permitted
>to operate above 144.5MHz on 2m, for example. The simple fact is,
>we, as a service, need to recognize the value and inevitable deployment
>of SS techniques. If we don't do it, someone else will, and our
>bands are as good as any others.

Dana, you're looking at the wrong side of the coin. The relevant
"sharing" issue isn't the interference the little LEOs might cause
to us. Though it might be a nuisance for some, we could live with
that, just as we've lived with military radar on 70cm.

The real issue is amateur interference *to* the little LEO mobile
terrestrial users, and to the satellites themselves. SS or not,
and several of the little LEO players don't propose SS, the near
far problem means our strong local signals will clobber the weak
satellite signal for nearby terrestrial users. And the aggregate
of our signals will fill the passband of the satellite receivers
too, to the point where AGC must act. This would cause intolerable
loss of service for the commercial users. They won't accept that
for long. And that's when the sharing ends, and the amateurs get
kicked off the bands.

So this is really a political problem after all. Do we keep our
bands, or do we lose them to a commercial service? That's the
real question.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2654. FYI: FCC Antenna Ruling

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: AC6V <AC6V@ix.netcom.com>
Message-ID: <323364F1.354C@ix.netcom.com>
Source record: 217252
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Someone asked about the FCC Ruling regarding TV antennas. I lost track of who asked but here is the info.

A new FCC Ruling regarding TV antennas has created quite a stir in the Amateur Radio Community.

The full 30 pages of FCC Ruling 96328 can be read, printed and downloaded from:

http://www.fcc.gov/Bureaus/Cable/Orders/fcc96328.txt

Hmm now lets see -- a log periodic from 50 Mhz to 1.2 Ghz covers the TV Broadcast Band --- Right???

AC6V's DX Movie Picks
Gone with the wind -- A Yagi Dog Story
73 Rod in San Diego

2655. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <50vm42$1n8@anomaly.ideamation.com>
Source record: 217253

In article <50vcl4$26k@news.ais.net>, <carl@ais.net> wrote:

>A no-code license is NOT perfect ... it has created a ghetto of
>no-coders in the VHF/UHF bands ... most are not "upgrading" because they
>don't see CW as "upgrade" in any respect

This is not correct. While a majority may not be upgrading (not
surprising since the codeless license was specifically created
for people with no interest in HF) a sizeable amount of those who
enter through the codeless license do in fact upgrade to higher
licenses.

[stereotypes and insults deleted]

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

2656. Re: WA State Patrol controlling your radios

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: Eddie Speed <dirac@perth.dialix.oz.au>
Message-ID: <3233B452.73C5@perth.dialix.oz.au>
Source record: 217254
Cross-posted to: rec.radio.scanner,wa.general,rec.radio.amateur.misc

Bruce Miller wrote:
> > etc..etc..
> [1987 c 330 706; 1985 c 165 1; 1982 c 106 1; 1967
> ex.s. c 145 56; 1967 c 32 49; 1961 c 12 46.37.005.
> Prior: 1943 c 133 1; 1937 c 189 6; Rem. Supp. 1943
> 6360-6; 1927 c 309 14, part; RRS 6362-14, part.
> Formerly RCW 46.36.010.]
>
> NOTES:
> Construction--Application of rules--Severability--1987 c
> 330: See notes following RCW >> 28B.12.050 <<.
> Severability--1967 ex.s. c 145: See RCW >> 47.98.043 <<.
> Towing operators, appointment of: RCW >> 46.55.115 <<.

That is most informative Bruce, keep it up, but keep it in the us of a

2657. Re: FS: All Ham Bands, Reply to Republican Congress

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: rs@ham.island.net
Message-ID: <Ni6XTD3w165w@ham.island.net>
Source record: 217255
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.amateur.policy

jxs2151@shore.intercom.net (Jeff Stevenson) writes:

Look, you guys. This is an INTERNATIONAL newsgroup where the subject is supposed to be about Amateur Radio, not American politics.

This discussion long ago ceased to be on topic.

Please give the rest of the world some consideration and leave the discussion of American politics, fascinating as it may be to you, to other, more appropriate newsgroups.

Thanks,

Bob, VE7HS

rs@ham.island.net Robert Smits, VE7HS, Ladysmith B.C.

2658. Re: A *VERY* SCARY SCENARIO

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: Steve Eklund <72527.01012@compuserve.com>
Message-ID: <3232D71D.3319@compuserve.com>
Source record: 217256
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner

Patrick Cook wrote:

>
> In short, SCANNER MONITORING SHOULD BE A HOBBY---NOT AN OBSESSION OR
> REASON TO DO SOMETHING AS STUPID AS INTERFERING WITH EMS PERSONNEL IN
> THEIR EFFORTS TO *SAVE LIVES*!!! Because the next life they have to
> save could be *YOURS*!!!!
>
> Rob (moderator for aresco), I know I'm ranting, but I think it's worth it
> considering the fact there MAY have been some hams who MAY have done the
> Amateur Radio Service (as well as themselves) a DISservice, IMHO (especially
> with the "Little LEO" folks and other commercialized SIGs breathing down
> our necks and salivating just to get just a piece of our PRECIOUS bands)!!!
>
> Sincerely,
>
> Patrick Cook, KB0OXD

Very good point, Patrick. My wife is an EMT and also a ham. She has complained to me in the past about people with scanners getting in the way. She cannot tell how many are actually hams because usually they are only holding scanners. Some have other hand-held equipment, but she can't tell for sure if they are hams, CB'ers or just using other commercial frequencies.

My friend Mike, who is a fireman and also a ham has bitched and moaned about the same thing. He does not care for on-lookers at all, but his pet peeve is the hams who whip out their ARES cards and act like they have some authority at the scene, when all they do is get in the way. He says that they have plenty of communications in most circumstances, but when those rare moments pop up, they will ask for assistance. Sort of a "Don't call us, we'll call you" thing.

Steve, WA3RVT

2659. Re: Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: Steve Eklund <72527.01012@compuserve.com>
Message-ID: <3232D8CF.41CB@compuserve.com>
Source record: 217257

Steve - KF2TI, NJ wrote:
>
> > VUBS79A@prodigy.com (Drew Durigan) writes:
>
> > Remember, 220 was taken away from us BEFORE the no-code Tech license was
> > created. My guess is that the unwillingness of YE OLDE FAHRTZ and their
> > cronies in the ARRL to support a no-code license had quite a bit to do
> > with this.
> >
> > -Drew in Sunny Central Florida-
> > KF4DDM
>
> the taking of the 220 band was politically motivated and irregardless of
> amateur intervention would have happened anyway

With all of the whining you read about 220 being taken away, they forget one thing: only part of the band was taken away. At least we still have 3 Mhz of the band left, but is it getting used? Not in my area. You would figure that the whiners will flock to the ham radio stores to buy 220 equipment to keep the remaining part of the band, but it hasn't happened. The worst part about it is that UPS is not even using the lower 2 Mhz. I never hear anything on there.

73 de WA3RVT, Steve

2660. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: df1hx@flux.isys.net
Message-ID: <DxEyEH.Bn@flux.isys.net>
Source record: 217258

Hi !

I am licensed for about 1 1/2 years, my age is 45 years.
After passing my test i did not care for CW at all, however on
a fieldday in '95 (my 1st one) i met some fellow hams, they brought
a tiny Knwd TS-50 trx, hooked it to the beam and operated with a
straight key and 50 watts worldwide. This fascinated me and my mind
told me: you have learned CW and passed the test, you can do this too !
I decided for training myself to do one CW QSO per day at least.
I was thrilled by my first contact to JA with 100 watts and my
R7 vertical antenna. I started CW operation with a straight 'Junker'
key, however switched to paddles after some months.
I am still fascinated how far i can get with my 100 watts and the
R7 vertical, i live in a city (Hamburg) and i do not want to use
PA due to TVI and other interference problems in this highly populated
area.
On HF i do CW only, except some operation via our local 10m repeater,
and i even do CW on 2m/70cm sometimes.
BTW, our licence classes here in Germany are different, 3 only:

C = 'smallest' ticket, no-code, no HF
A = 30 characters/minute CW receiving/sending test, restricted
HF access
B = 'biggest' ticket, 60 characters/minute receiving/sending test
full access to all Ham-band as defined for IARU region 1 .

gl es 73,
Thomas [DF1HX]

--

Thomas Krull df1hx@flux.isys.net DF1HX
PGP key ID: 0xC9E74329 on keyserver

2661. WWW Pages

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: asperges@innotts.co.uk
Message-ID: <323c0cbb.19597154@news.innotts.co.uk>
Source record: 217259
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy

```
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
G4NJH Pages in the UK
----------------------------------

http://www.innotts.co.uk/~asperges/

For new and old hams and SWLs alike, reviewed
in various mags world-wide and in this month's
RadCom.

18,000 visitors and still counting. Everyone
always most welcome.

Have you any specialist interest you would like to see?
Please let me know via the pages.

Updated Sept 96.
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
```

2662. Re: Free at last.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <50u47f$frn@news.Hawaii.Edu>
Source record: 217260

Burt Fisher <k1oik@ccsnet.com> wrote:
>Ham radio is so unappealing to the young:

More like intimidating.

>1. I offered 14 year old KA1VBQ $10 to make a single 2 meter contact,
>she refused.

Yeah, I recall when my Elmer first placed a mic in front of me - I froze. He could have offered me more than $10 and I still would have been scared.

>2. I offered N1XIY free GOOD 2M and HF gear, he is 16, he refused to
>use it.

So why did n1xiy bother to get a license? Seems like a lot of work to memorize the Q&A's then refuse to accept your free gear. Unless all that gear stinks of alcohol and tobacco. Then again, maybe his parents told him never to accept gifts from strangers.

KH2PZ

2663. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-08 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <50v00q$1v4@news.Hawaii.Edu>
Source record: 217261

In article <50seej$f1o@news.ais.net>, <carl@ais.net> wrote:
>Why should the ham gear manufacturers spend the time and money
>developing truly state-of-the-art stuff when huge numbers of hams think
>that the "old-hat" technology they're currently making is "wonderful
>stuff?"

Are you still using the voice modes to communicate? Voice is just about
as old as CW (1920s); remember this next time you're yacking on 2M.

>As Gary pointed out, even 1200 baud packet is so incredibly faster than
>CW that, by comparison, it's "blazingly fast" ... it's sad that more
>hams don't have the technical knowledge to realize how backward the gear
>that's available to them actually is ...

Do you have live 2-way conversations on HF packet? (If so, the speed of
the QSO is limited by the person with the slowest typing speed.)
What is the time element between when a message is sent and when
it arrives at its destination on HF?

It's ironic that in your quest to "force" hams to use higher tech
gear you'll actually be causing a decline of what they'll be able to
build at home. I don't think that's in keeping with Paragraph 97.1.

I feel quite proud that, unlike many of the folks on here, I am able
to enjoy my own favorite mode just by using my given mental faculties,
rather than relying upon complex equipment. And it's wonderful to share
a common mode with all the world's HF licensed amateurs.

Jeff KH2PZ / KH6

2664. Re: Key Input Specs?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: Cecil Moore <Cecil_A_Moore@ccm.ch.intel.com>
Message-ID: <32348F38.6AFD@ccm.ch.intel.com>
Source record: 217154
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

Rick Miller wrote:
> Can someone tell me what open-circuit voltage and closed-circuit current
> the device attatched to the "key" input of a rig is supposed to be able to
> handle?

Hi Rick, it sure would help to know the part number of the rig.

73, Cecil, W6RCA (not speaking for my employer)

2665. IPS Daily Report - 09 September 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <512872$ggs@flare.syd.ips.oz.au>
Source record: 217155
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 09/2330Z SEPTEMBER 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE AUSTRALIAN SPACE FORECAST CENTRE
SUMMARY FOR 09 SEPTEMBER AND FORECAST FOR 10 SEPTEMBER - 12 SEPTEMBER

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 68/2

GOES satellite data for 08 Sep
Daily Proton Fluence >1 MeV: 3.3E+05
Daily Proton Fluence >10 MeV: 1.6E+04
Daily Electron Fluence >2 MeV: 2.0E+07 (normal)
X-ray background: A1.0
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
10 Sep 11 Sep 12 Sep
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 10 Sep: 68/2

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Quiet to unsettled

Estimated Indices : A K Observed A Index 08 Sep
Learmonth 9 3223 2222
Fredericksburg 5 6
Planetary 7 8

Observed Kp for 08 Sep: 2302 2233

2B. MAGNETIC FORECAST
Date Ap Conditions
10 Sep 9 Quiet to unsettled
11 Sep 8 Quiet to unsettled
12 Sep 8 Quiet to unsettled

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band

Date Low Middle High
09 Sep Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
10 Sep Normal Normal Normal
11 Sep Normal Normal Normal
12 Sep Normal Normal Normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
09 Sep 3

Observed Australian Regional MUFs:
Darwin: 15-30% depressed during the intervals
0000 - 0900 UT, and 1200 - 1700UT.
Hobart, Sydney and Townsville: Near predicted monthly
values.

Predicted Monthly T index for September: 9

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
10 Sep 10 near predicted monthly values
11 Sep 10 near predicted monthly values
12 Sep 10 near predicted monthly values

--
IPS Radio and Space Services | email: asfc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/asfc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
tel: +61 2 94148300 | fax: +61 2 94148331

2666. Re: A *VERY* SCARY SCENARIO

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <5122r8$2i5@anomaly.ideamation.com>
Source record: 217156
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner

In article <50rcg0$jsr@news.Hawaii.Edu>,
Jeffrey Herman <jherman@Hawaii.Edu> wrote:

>>I remember the old story about the cop delivering a death message to the
>>wife of a fatality accident victim. "Are you the widow Jones?", the cop
>>queries. "I am not." she replies. "The hell you aren't!" quips the cop.
>
>Police chaplains or high-ranking officers usually deliver death messages;
>they've been given training in how such information should be given to
>next of kin.

This reminds me of a television show I saw.

A cop goes up to a door and knocks. A woman answers. He asks, are you
missus so-and-so. Yes, she replies. He informs her that her husband
is dead, killed in a head-on collision with an 18-wheeler tractor/trailer.
She breaks down in sobs. The cop starts laughing hysterically.
Then the punch-line "Mrs. So-and-So, guess what? You're on TOTALLY SADISTIC
HIDDEN CAMERA!"

(well, it was amusing parody of the ridiculousness of of network
television at the time...)

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

2667. RCS2200 mode - Camus mode radios -- where to get them?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: ljubisic@EUnet.yu
Message-ID: <5127di$b36@Solair3.EUnet.yu>
Source record: 217157

Hi!

I am having a little problem. I have to expand our company's radio system, and I have to purchase radios with DTMF keypad (we have also radio-phone system), but they have to be RCS 2200 - Camus mode compliant. We are using Motorola MX3000 (Stornophone7000) devices at the moment, but due to it's price and quantity we would like to buy, we are seeking for some cheaper solution. (By the way, I heard something about some new software for MX3000. Anybody has it? What are new features, if any?)

So, I was told that Alinco's DJ-130 model is Camus compatible, but local dealer couldn't confirm it. Also, I heard that DJ-182 with its Al-trunk logic board (which operates with CTCSS) could be MODIEFIED to be Camus mode compatible. Is there anybody from Alinco who could tell me if this is possible, and how?

Also, one friend told me that ICOM-H16T (#17), with Logic-A-Unit (EP701, PCB B1580H) is Camus mode compatible, and he wasn't sure, but also told me that ICOM IC-F30LT with UT-96 5 tone unit is also Camus capable. But, same thing as with Alinco, local delares couldn't confirm or deny it. Anybody knows it? Is there any e-mail contact in Icom where I could check it?

And finaly, it doesn't have to be Alinco or Icom, it could be also Yaesu, Kenwood, Standard, Harris... but I have to know is it Camus mode compatible, and how to order such option or modification from manufactorer/dealer.

If anybody knows something about it, I would like to ask him to send me a note _by mail_, since I wouldn't like to miss such importnat message by skiping it somehow in newsgroup.

Thanx for understanding!

2668. ARLB060 Hudson director resigns

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: w1aw@arrl.org
Message-ID: <$arlb060.1996@arrl.org>
Source record: 217158
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB QST @ ARL $ARLB060
ARLB060 Hudson director resigns

ZCZC AG40
QST de W1AW
ARRL Bulletin 60 ARLB060
From ARRL Headquarters
Newington CT September 9, 1996
To all radio amateurs

SB QST ARL ARLB060
ARLB060 Hudson director resigns

ARRL Hudson Division Director Paul Vydareny, WB2VUK, has resigned, effective September 5, 1996. In a fax to ARRL Executive Vice President David Sumner, K1ZZ, Vydareny cited job and church obligations as preventing him from doing what he considers is a proper job of fulfilling his duties as director. Under the provisions of Article 7, Vice Director Richard Sandell, WK6R, of Scarsdale, New York, becomes director for the remainder of the term, which expires January 1, 1997. Last April, ARRL President Rod Stafford, KB6ZV, appointed Sandell, 58, as vice director of the Hudson Division to fill the seat left vacant when Stephen Mendelsohn, WA2DHF, was elected first vice president and Vydareny, then Eastern New York section manager, succeeded Mendelsohn as division director.

Sandell is an ARRL life member and a past Hudson Division assistant director and Eastern New York section manager. He is president and CEO of Aura Technology Corporation. His wife, Phyllis, is KD2OG. The couple's three daughters, Alyssa, Karyn and Sylvie, also hold ham tickets.
NNNN
/EX

2669. ARLB061 Communications emergency termination

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: w1aw@arrl.org
Message-ID: <$arlb061.1996@arrl.org>
Source record: 217159
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

```
SB QST @ ARL $ARLB061
ARLB061 Communications emergency termination

ZCZC AG41
QST de W1AW
ARRL Bulletin 61 ARLB061
From ARRL Headquarters
Newington CT September 9, 1996
To all radio amateurs

SB QST ARL ARLB061
ARLB061 Communications emergency termination

The FCC announced today that the Volunteer Communication Emergency
declaration for North Carolina was terminated as of September 9,
1200 noon Eastern Time.
NNNN
/EX
```

2670. ARLB062 ARRL Petitions FCC To Change Safety Rules

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: w1aw@arrl.org
Message-ID: <$arlb062.1996@arrl.org>
Source record: 217160
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB QST @ ARL $ARLB062
ARLB062 ARRL Petitions FCC To Change Safety Rules

ZCZC AG42
QST de W1AW
ARRL Bulletin 62 ARLB062
From ARRL Headquarters
Newington CT September 10, 1996
To all radio amateurs

SB QST ARL ARLB062
ARLB062 ARRL Petitions FCC To Change Safety Rules

The ARRL has petitioned the FCC to reconsider and reverse portions of the Commission's August 1, 1996, Report and Order that imposed RF-emission safety standards on Amateur Radio, including a 50-W threshold to trigger an RF-safety evaluation. In setting the 50-W threshold, the ARRL said, the FCC failed to consider the effect of antenna height, antenna gain, emission mode, duty cycle or operating frequency. The League asked the FCC either to scale the evaluation threshold by frequency to match the maximum permissible exposure (MPE) limits--directly corresponding to the way the regulations scale the exposure levels with frequency--or to set the evaluation threshold for all HF operation at 150 W at a distance of 10 meters from all parts of the antenna.

At or below that power level and at that distance from the radiator, ''you'd be well on the side of safe, even at 100 duty cycle, with any antenna likely to be encountered on HF,'' said ARRL Laboratory Supervisor Ed Hare, KA1CV, our HQ staff liaison to the ARRL RF Safety Committee. ''Some VHF/UHF and microwave station configurations could result in an RF exposure exceeding the requirements of the regulations, so the 50-W limit to trigger an evaluation is more appropriate above 30 MHz,'' said Hare. He emphasized that all stations, regardless of output power or frequency, still must abide by the specified MPE limits for RF.

The new rules, effective January 1, 1997, require licensees of amateur stations running 50 W output or more on any band to conduct a routine RF-safety evaluation to determine if the station could expose people to RF levels that exceed the MPE limits specified in the new rules. (Mobile installations using push-to-talk, regardless of power, are exempt from the environmental evaluation requirement.) In its reconsideration filing, the League called the 50-W threshold ''regulatory overkill'' and ''without scientific basis.'' Among other

things, the League said the means to conduct RF radiation evaluations are not yet available, and the ability to reconfigure a station that might exceed the new limits ''is highly problematic.'' Coupled with any state and local land-use and RF-exposure regulations that might exist, application of the new rules ''may constitute a de facto revocation or modification of the station license,'' the League said.

The League also said the FCC adopted the rules ''through flawed procedures'' and without advance notice and opportunity for prior comment.

The ARRL said that the new rules differentiate between ham stations and other Commission licensees ''which are treated far less restrictively.'' While the FCC preempted state and local government regulation of personal wireless service facilities based on environmental effects of RF emissions, it refused to do the same for ham radio ''without any basis for the distinction.''

The ARRL already has asked the FCC to extend the deadline to change amateur examinations and modify question pools, but the Commission has yet to act on the request. The League said that, as it now stands, hams have no way to determine the scope of their obligations under the new rules.

The League suggested the FCC vacate its new RF safety rules governing amateur stations and issue a further notice to permit comment on the proposed rules, and, in particular, the 50-W evaluation threshold.
NNNN
/EX

2671. Re: Beat the pile-ups>>Cyberscheds now Available @ sarrio.com

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-0909961944110001@host04.cyberg8t.com>
Source record: 217161

Well it looks like my cyberpost program has caused a bit of a stir. Below are a few questions that anyone of for you may answer.

Should the EME/UHF/Microwave/ distance records have an * next to the record if their schedules were set up by any means other than through an RF contact?

Should DX expeditions be barred from advertising what their operating band, frequency, and mode is going to be in ham radio magazines?

If these DX expeditions are so adverised, should the countacts not count for a DXCC?

Pretty silly isn't it---I hope you get the point.

It is often difficult for us to accept paradeim shifts. The use of the internet to set up contacts for ham awards programs is such a shift.

The internet is not going away, and if we are going to bring new hams into the hobby (remember the LEO's are knocking at our door), we better find a way to bring more young people into it. Cybersheds blend the fast growing internet with ham radio, in an effort to take the best of both communication modes and use it for improved world wide communication. This just might challenge some of our young computer brethren to try out ham radio. After all, with a cybersched, they will not need a KW + and a beam up 100 ft. on 20 meters to get through the stateside QRM. Maybe that will be appealing to new hams!

New paradiems are always hard to accept, but finding a way to combine the internet with ham radio might be a necessary step if our hobby is going to survive as we move into the 21st century. 73's Ray
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront and web site developer. Located at http://www.sarrio.com.

In association with Brillar Enterprises http://win-win.com/brillar provider of discount CD-Roms!

2672. Re: Who actually ENJOYS CW and could care less abo

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: Carolyn S & James C Krogness <csjckrog@3-cities.com>
Message-ID: <3234DA00.CB6@3-cities.com>
Source record: 217162

carl@ais.net wrote:
>
> In <82@ibbs.av.org>, js@ibbs.av.org (Jeff Stillinger) writes:
> >
> >I am an old fart. For 11 years I have used both voice and CW. CW is a
> >mode worth using. I can go both ways on this issue. If CW where to
> >be gotten rid of, then I would like to see the 500 question pool NOT be
> >released and questions and answers. Simply release a text book that
> >will need to be studied in detail in order to pass the test.
> >
>
> Most no-code adocates seem to support a more meaningful technical test
> as a suitable, legitimate alternative to the code test.
>
> >On the other hand there is no reason to get rid of CW. Either as a
> >mode or as a requirement to get a license.
>
> There is a large body of opinon (and supporting evidence) indicating
> that there are a lot of good reasons to eliminate the CW test.
> Nobody seems to be suggesting the first (ban the mode) ... only the
> second (eliminate the test).
>
> >Why be lazy, why look at
> >it as such hard work? Just learn it. It is not that hard to do.
>
> It's NOT a question of lazy ... it's a question of interest and
> relevance.
>
> >It is sorta fun to learn and use.
>
> It was/is for YOU (enjoy) ... it is NOT for many.
>
> >What can I say folks. I miss the old days. The days when as a young
> >man of 18, keeping the coffee pot warm on top of the radio. That nice
> >orange glow of the tubes, and neat shadows it leaves on the wall.
> >That slight dim of the lights when one tunes up. The ckt breakers
> >tripping off when SWR reached 3:1. Voltmeters bigger than the desk
> >the radio sits on. Now I tune up and find almost no one to talk with.
> >A real bumber...
>
> You can miss the old days as much as you want ... they won't return.
> Those that try to stand in the way of progress have, historically
> speaking, eventually been run over by the steamroller.
>

> That will happen to the die-hard "keep the code" folks at some point,
> too. It's inevitable. The only questions are "when?" and "how?"
> If it comes soon, we may just be able to save ham radio from being run
> over by the steamroller, too. If we wait too long, I'm afraid ham radio
> itself will end up as technological "road kill."
>
> Carl - wa6vse
> carl@ais.net

Be a ham Carl and learn the code.

2673. Re: A *VERY* SCARY SCENARIO

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: lowj@cuug.ab.ca
Message-ID: <512npl$hqk@sun.cuug.ab.ca>
Source record: 217163
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner

In article <512h9o$pgf@goodnews.voicenet.com>,
Alex Lloyd Gross <alpix@voicenet.com> wrote:
> Noone except the coroner (or other authorized person should EVER
>make a death notification. If the did, they should be sentenced to 25
>years in jail.

That may be the laws in your state, but it's not the case up here.. 8
times out of 10, it's a police officer who does it. I guess that makes
them 'authorized persons'.

..J. lowj@cuug.ab.ca

2674. Re: Free at last.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <511i9m$acg@freenet-news.carleton.ca>
Source record: 217164

Burt Fisher (k1oik@ccsnet.com) writes:
> Ham radio is so unappealing to the young:
>
> 1. I offered 14 year old KA1VBQ $10 to make a single 2 meter contact,
> she refused.
> 2. I offered N1XIY free GOOD 2M and HF gear, he is 16, he refused to
> use it.
> Electrolux and ham radio both have something in common, what?
>
> Burt
>
^Z^Z^Z^Z^Z^Z^^Z^Z^Z^Z^Z and a few more ^Z^Z^Z^Z^Z We fell asleep the
first time around and now you're boreing us to eternal death with the same
platitudes and inept postings.

--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

2675. Get the latest rec.radio.swap posts e-mailed to you each day

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-0909962011230001@host04.cyberg8t.com>
Source record: 217165

Never miss another rec.radio.swap post or a post from the Raymond Sarrio Classified page. Each day you can have the latest postings e-mailed to you.

NO more excuses for missing a great deal because you didn't check the recent posting. Now you can be an early bird for all these classified ads.

Check out the details at http://www.sarrio.com. and find out how you to can participate.

73's Ray
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront and web site developer. Located at http://www.sarrio.com.

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2676. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <50vo5v$c81@news.Hawaii.Edu>
Source record: 217166

In article <50vd2n$26k@news.ais.net>, <carl@ais.net> wrote:
>Shows how much you don't know about technology ... Clover is for HF ...
>and there are a hell of a lot of possibilities for future developments
>in HF technology ... the main impediment to amateur participation and
>leadership in that area is the code test and the second-class status
>afforded to no-coders regardless of their level of technical savy ...

If folks without full HF access like yourself are so concerned about improving HF comms, what's stopping them? One doesn't have to be licensed in order to contribute. (The staff of our cancer research institute is contributing to the search for a cure to cancer, yet they don't *have* cancer; see the analogy?) Why not put this altruism you claim to feel for us low-tech HF operators to work instead of just talking so much?

But before you burst an artery worrying over our state of technology on HF, consider that those of use who use HF daily might be quite happy doing what we've been doing for the last n years. It will probably raise your blood pressure, but I'm going to continue building and operating CW transmitters for many years to come. Too bad you'll never know the excitement of talking to someone thousands of miles away on something you've build yourself from scratch.

Jeff KH2PZ / KH6

2677. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <511pij$mp2@news.Hawaii.Edu>
Source record: 217167

In article <50vhd9$5fu@news.ais.net>, <carl@ais.net> wrote:
>Of the above, the ONLY one that serves ANY continuing purpose from the
>prospective of meeting our regulatory raison d'etre is "build and modify
>radios". The development of moonbounce and meteor scatter techniques
>was forward-reaching stuff ... in the 1950's ... other services have
>made use of, and advanced the state of the art in, those modes FAR
>beyond the stagnant "novelty" use hams have made of them.

Did you ever consider folks are happy using these "novelty" modes?
Just as you don't want the code "forced" upon you, don't force others
to become interested in modes they couldn't care less about.

>Some of them are actually VERY dangerous and detrimental to the future
>of ham radio ... the worst being "We think of radio as a hobby." This
>has been carried so far that there's no sense of responsibility to the
>real reasons for the existence of the Amateur Radio Service ... public
>service and experimentation with and development of technology.

In our Basis and Purpose, outlined in Paragraph 97.1, public service is
one of five items listed, and it is of course the most important item -
but it's not the only item. When there are no hurricanes, tsunamis, tropical
storms/flash floods, earthquakes, volcanic eruptions, threatening Hawaii,
then amateur radio is a hobby to me. Hence, less than 1% of my operating
operating time is associated with county civil defense/races. That percent
figure varies among all of us, but I would guess we're all in the under
10% catagory (of course, we'll certain hear from the exceptions). The
remaining 90+% falls in the hobby catagory.

Item 97.1(e) in our Basis and Purpose speaks of the amateur's unique
ability to foster international good will - I interpret that as giving
the green light to have *fun* with the hobby and work lots of DX; that's
done on gear I've built myself (what homebrew rigs do you operate, Karl?).

>This is your bias, and does not measure up with reality ... file
>transfer and bbs forwarding are by no means the only use for digital
>modes ... you lack of vision and understanding of the potential uses for
>new digital techniques is, unfortunately, common, but non-the-less
>incorrect.

Are you able to carry on real-time two-way comms with your fad modes? If so,
then isn't the speed of transmission limited by one's ability to type?

If you're passing bulk data, how long can it take for that data to arrive
at it's destination? I've heard folks say it can take days. Seems silly.

>Again the "Do it OUR way ... the way "real hams" do it, or stay the hell
>away!" ... a WONDERFUL invitation to prospective newcomers to our

>ranks, right? (Its' clear to me that it's INTENDED to drive them away
>.. so "your" HF bands don't get too crowded, right?)
>
>So sad ... ham radio is so desparately in need of a vision of BETTER
>ways, but it insists on clinging to OLD ways ...

Are you still using voice communications? The first voice transmission occured in 1915 (VA to Paris; xmtr used 550 triodes). Remember that next time you key up your 2M CB HT.

Are you still using a telephone communications? Geez, Karl, that's device is well over 100 years old.

Jeff KH2PZ / KH6

2678. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <511q95$n5t@news.Hawaii.Edu>
Source record: 217168

Jari Jokiniemi <jjo@tekla.fi> wrote:
>I have often wondered how the general opinion would change if
>we all had to take the test every two years or so in order to keep our
>licences. (Like the pilots have to do.)

You'd be locking out those who passed a code test but didn't use the
code after receiving their license. The number of hams renewing their
license would drop dramatically.
KH2PZ / KH6

2679. Re: Little LEO again (was Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <50vr00$iv5@abyss.West.Sun.COM>
Source record: 217262
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <1996Sep8.224455.10683@ke4zv.atl.ga.us>,
Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>In article <50sins$s79@abyss.West.Sun.COM> myers@West.Sun.COM (Dana Myers) writes:
>>The real issue has to do with how sharable the 2m and 70cm bands
>>are. It was fairly clear to me that the working group was assuming
>>that all of the activity on 2m and 70cm is homogenously NBFM. Of
>>course, this is false. There is weak signal and television activity
>>on these bands, things that the working group may not be aware of. These
>>activities deserve protection, and the UHF ATV may present a greater
>>interference problem than the working group expects.
>>
>>When I wrote to the WRC97 alias, I asked that weak signal and experimental
>>activities be protected. This might mean that the LEOs are permitted
>>to operate above 144.5MHz on 2m, for example. The simple fact is,
>>we, as a service, need to recognize the value and inevitable deployment
>>of SS techniques. If we don't do it, someone else will, and our
>>bands are as good as any others.
>
>Dana, you're looking at the wrong side of the coin. The relevant
>"sharing" issue isn't the interference the little LEOs might cause
>*to us*. Though it might be a nuisance for some, we could live with
>that, just as we've lived with military radar on 70cm.
>
>The real issue is amateur interference *to* the little LEO mobile
>terrestrial users, and to the satellites themselves. SS or not,
>and several of the little LEO players don't propose SS, the near
>far problem means our strong local signals will clobber the weak
>satellite signal for nearby terrestrial users. And the aggregate
>of our signals will fill the passband of the satellite receivers
>too, to the point where AGC must act. This would cause intolerable
>loss of service for the commercial users. They won't accept that
>for long. And that's when the sharing ends, and the amateurs get
>kicked off the bands.
>
>So this is really a political problem after all. Do we keep our
>bands, or do we lose them to a commercial service? That's the
>real question.

While you're certainly correct about the near/far issue, keep
in mind the LEOs are apparently looking a huge part of the VHF and
UHF public service bands. If they don't think they can cope
with local NBFM users, then *all* of these bands are in danger.

I don't think this is the case.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

2680. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: carl@ais.net
Message-ID: <50vue7$c6p@news.ais.net>
Source record: 217263

In <50ok1v$1t4@news.Hawaii.Edu>, jherman@Hawaii.Edu (Jeffrey Herman) writes:
><carl@ais.net> wrote:
>>And it's Carl, not Karl ...
>
>You mean you just noticed that? You've been Karl for awhile now due to your
>Karl Marx type belief of "Code-free HF for the masses."
>
>KH2PZ

No ... I noticed it before, but I considered the source and decided that
it wasn't worth responding to on its own.

And it's not "Code-free HF for the masses" ... it's "Code-free HF for
the technically qualified." Nothing socialist about it ... just being
fair and practical.

Carl - wa6vse
carl@ais.net

2681. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: carl@ais.net
Message-ID: <50vut0$c6p@news.ais.net>
Source record: 217264

In <50vm42$1n8@anomaly.ideamation.com>, kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:
>In article <50vcl4$26k@news.ais.net>, <carl@ais.net> wrote:
>
>>A no-code license is NOT perfect ... it has created a ghetto of
>>no-coders in the VHF/UHF bands ... most are not "upgrading" because they
>>don't see CW as "upgrade" in any respect
>
>This is not correct. While a majority may not be upgrading (not
>surprising since the codeless license was specifically created
>for people with no interest in HF)

Bullcrap! The codeless license was specifically created for people with no interest in ***CW***.

What you said is rather akin to the old southern voter registration arguments that "Black folks don't care a lick about voting anyhow ..."

The fact that our current code-free license class neglects to provide HF access was the result antiquated ITU rules, antiquated ARRL thinking, and other factors totally unrelated to the desires of the prospective licensees.

Carl - wa6vse
carl@ais.net

2682. Re: Little LEO again (was Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: carl@ais.net
Message-ID: <50vv75$c6p@news.ais.net>
Source record: 217265
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <1996Sep8.224455.10683@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>Dana, you're looking at the wrong side of the coin. The relevant
>"sharing" issue isn't the interference the little LEOs might cause
>*to us*. Though it might be a nuisance for some, we could live with
>that, just as we've lived with military radar on 70cm.
>
>The real issue is amateur interference *to* the little LEO mobile
>terrestrial users, and to the satellites themselves. SS or not,
>and several of the little LEO players don't propose SS, the near
>far problem means our strong local signals will clobber the weak
>satellite signal for nearby terrestrial users. And the aggregate
>of our signals will fill the passband of the satellite receivers
>too, to the point where AGC must act. This would cause intolerable
>loss of service for the commercial users. They won't accept that
>for long. And that's when the sharing ends, and the amateurs get
>kicked off the bands.
>
>So this is really a political problem after all. Do we keep our
>bands, or do we lose them to a commercial service? That's the
>real question.
>
>Gary
>--

That's the point I was making, too, Gary.

And I maintian that they (the Little LEO folks) know this full-well and
that the "sharing" thing is/was/has_been_from_the_start nothing more
than a ruse to "get their foot in the door."

Then, as you put it:
>And that's when the sharing ends, and the amateurs get
>kicked off the bands.
>

It will be interesting to see if the first threat against our HF bands
attempts to use the "sharing" ruse, too.

Carl - wa6vse
carl@ais.net

2683. Re: Alpha Bravo phonetics: the quickie version

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: jeanette@direct.ca
Message-ID: <51002v$kt5@orb.direct.ca>
Source record: 217266
Cross-posted to: alt.usage.english,sci.lang,rec.radio.amateur.misc

On Sat, 7 Sep 1996 20:35:13 GMT, monsourc@ford.uchicago.edu
(Christopher Monsour) wrote:

>In article <50pj8h$c9e@lyra.csx.cam.ac.uk>, <Brian.Kelk@cl.cam.ac.uk> wrote:
>>
>>
>> Phonetic Alphabets (Alpha Bravo etc)
>> (brief version)
>>....
>> Able Baker Charlie Dog Easy Fox George How Item Jig King
> ^^^
>> Love Mike Nan Oboe Peter Queen Roger Sugar Tare Uncle Victor
>> William X-ray Yoke Zebra
>
>This reminds of the danger of inventing these on the spur of the moment. One
>may end by saying `"B" as in "bog"'.

Heh heh..... this reminds me (forgive me for this unrelated wandering)
-- has anyone played a game called "You Don't Know Jack!"? Well,
"Player one, you're the letter A as in Aardvark, and Player two,
you're P, which is what you should do before you start playing... "
etc. The announcer on this game uses different things that our
letters stand for, and is hilarious!

Jeanette

2684. Re: Network models

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: carl@ais.net
Message-ID: <5100f3$c6p@news.ais.net>
Source record: 217267
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In <1996Sep8.222150.10528@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>
>Even the telcos understand this. It is tempting to speak of the
>"global village", with someone halfway around the world being as
>close as your next door neighbor. But the reality is that you
>have more frequent interactions with your neighbors than with
>those more distant. That's generally because you have more in
>common with people in your area than with people further away
>who you probably don't even know exist.
>

I have more in common with people scttered all over the place than the
folks in my neighborhood ... you're in GA, I've got folks in CA, and all
over ... but I guess to a large degree you're right ... the "local ham
club" applies for many, if not most I guess ...

>The internet is in some ways a contradiction of that. The flat
>rates tend to allow communities to form who are geographically
>dispersed. But still, if you want to play Doom, it's more likely
>you'll do it on your local ethernet than with someone on the
>internet on another continent. Even relatively fast trunks have
>limits, especially when they are shared by the whole world.
>

Play Doom indeed ... I don't waste valuable CPU cycles on stuff like
that ... let alone network bandwidth <grin>

>>>Much of our current amateur radio long distance traffic is highly
>>>redundant and low in information content.

That's for sure ...

>>>content (Java is an example of a way to reduce traffic on
>>>the network while still maintaining the illusion of a highly
>>>interactive connection for the user).
>>>
>>
>>The average CW proponent is probably wondering "What the hell does
>>*coffee* have to do with the code?" ... :-)
>
>Tsk, tsk. Just because they like CW doesn't mean they don't know
>about other things.

I couldn't resist the temptation ...

>In particular, the ARRL numbered radiogram
>idea was originally a construct of the CW relay networks of its
>era, so the idea of dictionary data compression isn't foreign
>to the CW operator. He might not have thought about it as a
>powerful compression method before, however.
>

Valid point on both counts ...

>>>As long as we can forego highly novel content rich exchanges, we
>>>can utilize HF trunks with 8x less throughput than our local loops
>>>without creating significant bottlenecks.
>>
>>But must we sacrifice content? I don't think so ...
>
>Highly novel rich content, yes. We don't have the bandwidth to
>do otherwise over long distances.

I wasn't suggesting graphics-rich web pages and multimedia stuff ... I
was talking about real content ... like ideas and technical information
and just plain good conversation, as opposed to "UR 599 in ___, RIG HR
IS ____, PSE QSL, 73" ...

[deleted some stuff about capacity and reuse that merits further thought
and discussion]

>>>Especially for interactive
>>>exchanges, HF links are better because they have lower latency.
>>
>>I'm not sure I understand why anything other than HF *must* have
>>(significantly) high(er) latency ...
>>
>>>Latency is the real killer of interactivity, and it increases in
>>>direct proportion to the number of relay hops used, and decreases
>>>only marginally with increased trunk speeds. By replacing dozens
>>>of UHF hops with a single HF hop, we can keep latency down enough
>>>to more than make up for the relative ratio of trunk speeds.
>>>

Assuming "conventional" packet-switched techniques ... for equal data
rates, one-hop is clearly best, but other factors may come into play, as
well ...

>>This, of course, applies to "current" 1200/9600 baud AFSK packeet
>>"technology", but I don't beleive that it has to apply to *all*
>>techniques that could be applied above HF ...
>
>>>By using improved signal modulation codings and demodulation
>>>techniques, we can achieve 9600 baud on HF without excessive
>>>bandwidth consumption.
>>
>>This is correct, but to an extent panders to the idea that using more
>>bandwidth is inherently "bad" and inefficient ... which I know *you*

>>know is not true ...
>
>Well, we have finite bandwidth. We can use it in a number of ways.
>SS uses it one way, narrowband technique uses it another, but the
>available bandwidth is still finite, and the amount we use of it
>still remains the same whether we take it in thousands of little
>slices or all in one lump. There are advantages and disadvantages
>to either approach. (For disorganized amateur radio, SS has more
>advantages than deficits.)

Agreed in most respects, but it is not a panacea either .. other
techniques also merit investigation and use ...

It's getting late ... lets continue later ...

73,
Carl - wa6vse
carl@ais.net

2685. Re: FS: All Ham Bands, Reply to Republican Congress

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: Porchnoy <Porchnoy@ix.netcom.com>
Message-ID: <3233AB1A.4890@ix.netcom.com>
Source record: 217268
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.amateur.policy

rs@ham.island.net wrote:
>
> jxs2151@shore.intercom.net (Jeff Stevenson) writes:
>
> Look, you guys. This is an INTERNATIONAL newsgroup where the subject is
> supposed to be about Amateur Radio, not American politics.
>
> This discussion long ago ceased to be on topic.
>
> Please give the rest of the world some consideration and leave the
> discussion of American politics, fascinating as it may be to you, to
> other, more appropriate newsgroups.
>
> Thanks,
>
> Bob, VE7HS
>
> rs@ham.island.net Robert Smits, VE7HS, Ladysmith B.C.
If you really want to be bored, let's talk about Canadian politics.
--
Fixing used Volvos is probably easier and more fun than
trying to get Abe Lincoln re-admitted to Pat Buchanan's
party [the Republican Party].
-- Editorial: The New York Times (August 14, 1996)

2686. Re: Little LEO again (was Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: djfinn@ibm.net
Message-ID: <510994$fio@news-s01.ny.us.ibm.net>
Source record: 217269
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

myers@West.Sun.COM (Dana Myers) wrote:

>This little nugget of very important information was left out
>of the original "Write Now!" announcement, and, I believe, that
>was a grave error.

>I recognized the "Write Now!" announcement as a clear invitation
>to mailbomb the working group members, and therefore did *not*
>write email - until I learned a little more. It wasn't very
>difficult to figure out that the working group was looking to
>find frequencies to share, not take over.

Dana, this is some very important information. I would appreciate
your sharing the actual proposal with this group, including your
source(s). If you could post an excerpt from the *real* proposal, that
would be most enlightening and allow us to put all this nonsense about
a VHF band threat behind us. It would have even been better if you
could have let us in on the true story earlier to help avoid this
tremendous embarassment to amateur radio.

>"What's the difference?" one might ask. Well, the difference is
>simple - writing a thousand notes to the working group members
>explaining how amateur radio is really important and 2m is
>especially important didn't address the real issue. In fact,
>I think it makes amateurs look a little stupid, since the
>working group wasn't proposing to take 2m away but that's
>how the amateurs behaved.

Only due to a lack of information that *you* KK6JQ possessed at the
time (and we stupid hams, including presumably Sumner, did not).

>So, the working group was reminded that amateur radio is
>important - is this something they don't already know?

I would agree, to say the least, that they know the amateur radio
'frequencies' are important. I doubt that from a business perspective
they care about the higher sense of importance that you are referring
to. But, even if we are to be optimistic about the motives of industry
lobby groups, why did they not contact ham radio representatives prior
to issuing the proposal rather than surprising everyone? "Surprise "
can be an intentional, strategic move. In business, it usually is. And
you seem to really embrace this idea of band sharing as having no
technical difficulties, as if it has neglibile impact. Do you simply
request a QRL everytime you want to transmit or do you just wipe them

out (or be wiped out as we are in 40m)? I'm not ready to take that leap.

Hams were taken by surprise. There was not nearly enough time to assess the impact of sharing IF indeed that is what they proposed. Why didn't they want to discuss this with amateur lobby groups ahead of time? No matter, we should trust them. We must believe that the world of commercial telecommunications is a nice and rosey place. Correct Dana?

73

KR4AJ

2687. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: jjo@tekla.fi
Message-ID: <JJO.96Sep9085329@ds10.tekla.fi>
Source record: 217270

In article <jlowmanDxDLyI.K9x@netcom.com> jlowman@netcom.com (Jim Lowman) writes:
Glad I'm not alone in this thinking. But isn't this *really* what the
code/no-code debate is about? I can't believe that most of the defenders of
CW are doing so, just because they feel that everyone should have to pass a
code test, simply because they did.

I believe that it is one of the most important reasons. Very few would
admit that, though.

I have been around for some 15 years and I am a member of the HSC. I
have always liked CW. I have also met many people who dislike CW very
much, and yet they are perfectly good radio amateurs. I feel sorry
that the majority of amateurs want to stop those perfectly good
amateurs from getting into HF just because they do not like CW.

I am especially sorry for that due to the fact that not all of those
who want to keep CW requirement in the test actually use it themselves
that much. There are even hams who have not used CW themselves for
decades and yet they want to keep the CW requirement.

I have often wondered how the general opinion would change if
we all had to take the test every two years or so in order to keep our
licences. (Like the pilots have to do.)

--
Jari Jokiniemi, jari.jokiniemi@tekla.fi, OH2MPO, OH3BU
Tekla Oy, Koronakatu 1, 02210 Espoo, 90-8879 474

2688. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: jjo@tekla.fi
Message-ID: <JJO.96Sep9091531@ds10.tekla.fi>
Source record: 217271

In article <50v13o$scl@jupiter.planet.net> adell@planet.net (Steve - KF2TI) Landing, NJ writes:
On what is this based?? The american market represents a small percentage of the total amateur world population and in dollars spent. If this theory were true, the entire world would have a non-code (no the term used) license class. Last time I looked only 3 or 4 did. What makes anyone think that old phrase still plays true " What's good for the USA is good for
the world??""

A small percentage, oh really? Perhaps it is then Canada which is filling the North American Callbook, not the USA.

The US politics does indeed follow in a very tough way that phrase "What's good for the USA is good for the world". There are excuses but that's the way it is. And it is the fact that USA is the major economic and military power. Therefore rest of the world listens very carefully what the USA has to say. We like it or not, that's the way it is.

It should not be a big surprise that people tend to behave in groups. They listen to the others and form their opinions based on the opinions of the others. I have personal experience on that quite recently regarding to my tower (yes, troubles, I'm glad there are courts). Children who are playing and world politics are surprisingly similar. Amateur radio regulations are no different from other politics.
--
Jari Jokiniemi, jari.jokiniemi@tekla.fi, OH2MPO, OH3BU
Tekla Oy, Koronakatu 1, 02210 Espoo, 90-8879 474

2689. Re: Little LEO again (was Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <510d8p$lkl@abyss.West.Sun.COM>
Source record: 217272
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <510994$fio@news-s01.ny.us.ibm.net>,
Dan Finn <djfinn@ibm.net> wrote:
>myers@West.Sun.COM (Dana Myers) wrote:
>
>>This little nugget of very important information was left out
>>of the original "Write Now!" announcement, and, I believe, that
>>was a grave error.
>
>>I recognized the "Write Now!" announcement as a clear invitation
>>to mailbomb the working group members, and therefore did *not*
>>write email - until I learned a little more. It wasn't very
>>difficult to figure out that the working group was looking to
>>find frequencies to share, not take over.
>
>Dana, this is some very important information. I would appreciate
>your sharing the actual proposal with this group, including your
>source(s). If you could post an excerpt from the *real* proposal, that
>would be most enlightening and allow us to put all this nonsense about
>a VHF band threat behind us. It would have even been better if you
>could have let us in on the true story earlier to help avoid this
>tremendous embarassment to amateur radio.

"If I could have let us in on the true story earlier"? Take it
easy, Dan, there was no true story required to see we were being
asked to mail bomb the working group. I did not know why,
but I knew what we were being asked to do. Are you suggesting that
I should have somehow tried to stop all the thousand people
from writing because the request looked wrong?

>>I think it makes amateurs look a little stupid, since the
>>working group wasn't proposing to take 2m away but that's
>>how the amateurs behaved.
>
>Only due to a lack of information that *you* KK6JQ possessed at the
>time (and we stupid hams, including presumably Sumner, did not).

Well, the thing that kept me from writing at first was a suspicion
that we were being asked to mail bomb some folks without knowing
exactly what was going on.

Then, about a week after the ARRL editorial was distributed by email,
the following note was posted on 6/6/1996:

>Subject: The "Candidate Bands" list as of May 7
>From: bmicales@facstaff.wisc.edu (Bruce Micales)
>Date: 1996/06/06
>Message-Id: <4p5dqq$ao8@news.doit.wisc.edu>
>Organization: UW-Madison
>Newsgroups: rec.radio.amateur.policy
>
>To all amateurs:
>
>This is the "Candidate Bands" list that I received from the ARRL HQ via Dave
>Sumner. The ARRL also has a web page to keep tabs on what is happening with
>this subject: http://www.arrl.org ..click on "band threat news".
>
> Please beware of the caveat about this list (it can change). D.S. = Dave
>Sumner
>
>D.S.=>The list of "candidate bands" is evolving, so all that can be said
>D.S.=>about the one I sent you is that it was the list as of the May 7 meeting
>D.S=>of IWG-2A. With that caveat, it is public information and can be shared
>D.S.=>such.
>
>Above is the caveat that I received from Dave Sumner about the "Candidate
>Bands".
>
>73
>
>Bruce
>WA2DEU
>
>======== Candidate Bands Follow from Dave Sumner, K1ZZ (ARRL HQ)==========
>
>Here is the list of "Candidate Bands" as tabled at the May 7 IWG-2A meeting
>by Mary Kay Williams of Final Analysis, Inc.:
>
>Frequency (MHz)
>
>138-144
>144-148
>216-218
>380-400
>401-406
>406.1-410
>410-420
>420-450
>450-460
>460-470
>790-862
>890-902
>1427-1432
>
>Dave

As you can see, Dave Sumner had this information at the time amateurs were asked to write. This alone was adequate to make me strongly suspect that more was going than we were being told.

It didn't magic knowledge or insider info to discover that the LEO folks were thinking about some very, very popular frequencies.

As you'll see in the QST article since, my suspicion was correct that the LEOs believe they can share. So, Dan, I'm not sure I understand your accusatory tone - someone told me the sky was falling, and my skepticism made me think twice before running out and protesting. I believe the ARRL wanted a volume of letters regardless of content, which is what came to pass.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

2690. JA Amateur License Class -- changes

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: Joe Fitter BV/N0IAT <FITR%mimi@magic.itg.ti.com>
Message-ID: <32349B98.45D3@magic.itg.ti.com>
Source record: 217273
Cross-posted to: rec.radio.amateur.dx,rec.radio.amateur.misc

Hi,
I have recently learned that the JA License classes have
been restrucured. In the past, license class
determined maximum legal transmit power -- i.e. no frequency
limits except no-code (VHF and above) and novice (no 20M etc).

Based on the latest JA ham magazines, it seems these "power"
classes have changed. Could any JA hams advise me of the
details?

thanks,
Joe

Amateur Radio: BV/N0IAT Taipei TAIWAN Republic of China
http://www.isite.net.tw/bv1al/e-hist.htm
ex. 7J1AOF (Japan) YU3/N0IAT (Slovenia) KA0ZDH (Novice)
Licensed Radio Amateur since 1986. Comments are mine only.

2691. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: VK1WI <VK1FF@contesting.com>
Message-ID: <323412C9.59B5@contesting.com>
Source record: 217274

carl@ais.net wrote:

> All the technophiles amongst us are saying is that we don't share your
> interest ... we want do do other things that have absolutely nothing to
> do with CW ... so we see NO sense in requiring someone to waste the time
> and effort to "jump through a hoop" that has no value to them and
> demonstrate a "skill" that they will probably NEVER use again ...
>
> 73,
> Carl - wa6vse
> carl@ais.net

I don't use SSTV, RTTY, and rarely use SSB yet I was required to take a
basic theory (multiple guess) written exam on those modes. Why should
I waste my time and effort demonstrating a knowledge of these modes that
I'll probably NEVER use?

--

73, Jim Muller Packet: VK1FF@VK1KCM.ACT.AUS.AUNZ
VK1FF/WB2FFY Internet: VK1FF@contesting.com

2692. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: VK1WI <VK1FF@contesting.com>
Message-ID: <32341DE1.71B4@contesting.com>
Source record: 217275

Zack Widup wrote:

> I also enjoy CW immensely. As my personal preference it's my favorite
> mode, although I do a little of everything except ATV. (And I'm
> interested in that too.)

I'm also one of the crowd who enjoys CW. I'm 35 and have been pounding
brass since I was 15. A few years ago I could copy short CW burst as
fast as 60 wpm. My current copy speed is probably more like 45wpm.

I've never had fancy gear or big antennas and have always found CW much
more efficient in making long distant contacts (especially with low SNR)
which is a part of the hobby I most enjoy.

If the decision to drop the CW requirement is made, I hope it's coupled
with specific freq ranges set aside for CW only so we can continue
enjoying the part of the hobby we most enjoy - INTERFERENCE FREE.
And IMHO that does not include sharing space with the current digital
modes like PACTOR, SITOR, RTTY, etc.
--

73, Jim Muller Packet: VK1FF@VK1KCM.ACT.AUS.AUNZ
VK1FF/WB2FFY Internet: VK1FF@contesting.com

2693. Re: The party is over for

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: len.anderson@mogur.com
Message-ID: <960909020900696@mogur.com>
Source record: 217276

72>From: <72527.01012@compuserve.com>
72>Subject: Re: The party is over for CB

72>>Gary, KF9CM wrote:

72>>Well boys and girls the party's over for CB. This means that the local
72>>police will arest and fine you if it passes. The Bill reads out as
72>>follows:

Legally, all S2025 says is that local authorities are not preempted from
exercising police powers. It does NOT GIVE them powers automatically.
All it says is that local governments CAN pass their OWN laws if S2025
passes the House into law.

72>> S 2025 IN 104th CONGRESS

Let me yank out an important sentence from the posted bill text:

72>> ... For purpose of this
72>> subsection, home electronic equipment includes, but is not
72>> limited to, television receivers, radio receivers, stereo
72>> components or systems, video cassette recorders, audio
72>> recorders, loud speakers, telephone equipment and other
72>> electronic devices normally used in the home.

Note the four words "is not limited to." If one thinks about that
rationally rather than emotionally, an amateur radio station could be
interpreted as "electronic devices normally used in the home." Anyone
using a ham station regularly in their home would qualify to be the
COMPLAINANT to get state, county, or local police to use their powers
against a citizens band station operating unlawfully. Even a crystal
set receiver is an "electronic device," using electrons, and solid state
at that.

1. Amateurs have been complaining bitterly about CB for 39 years. Here
is a chance to GET THEM, provided S2025 passes into law AND local
governments pass local laws against CB interference.

2. Under older rules, an amateur radio license should be visible at the
main operating station of the license holder. A $3 simple glass
frame (available at department and chain drug stores) can hang the
ticket in plain view. Police can read. Really. It's in THEIR
rules.

72>You better hope and pray that the bozo cop who gets dispatched to
72>investigate an interference complaint is technically qualified to judge
72>what is a CB station and what is a ham station.

Hang your ticket out in PLAIN VIEW, fer crises sake. CB operators do
NOT have licenses. A document issued by a federal agency gets noticed.

72> One listen to our local
72>"boys in blue" will show you that a lot of them are incompetent at using
72>their own two-way equipment, and now we are putting them in charge
72>of deciding what is legal and what is not?

I've had the opportunity to listen to several hundred "bozo cop"
conversations at a scanner enthusiast's place. LAPD, BPD, GPD all sound
like professionals at police work. The use their radios as _tools_ in
their police work, just as utility services use their radios as _tools_
in their utility work or pilots and ATC use radios as _tools_ in their
aircraft movement work. From every other radio services' point of
view, amateur radio procedure sounds "unprofessional."

If S2025 goes into law AND local laws are enacted to hit the CBers, then
it behooves the local amateur community to visit the local police and
EDUCATE them in what an amateur station contains, explain that every ham
is under regulatory action and rules of ethical conduct to NOT interfere
with any "civilian." This establishes a better rapport with the police.
Their major work is FOR you on the 99+ percent of crimes that might
happen to you. Snarling at police never wins points.

72>Don't be too quick to celebrate my fellow hams!! The whole bill stinks,
72>and anything that is passed that will affect your CB neighbors could
72>possibly affect you too! Even if it doesn't, how long do you think it will
72>be before they pass a bill giving the states permission to enforce interfere
72>from ham stations, cellular phones, cordless mikes and anything else that em

If you want action agains S2025, then here's a suggestion that works on
every other proposed bill in either senate or house, federal or state:
Get the address and telephone number of your senator's local office (in
Los Angeles, the white pages have government numbers up front ahead of
alphabetic listings). Call the office by telephone and state your
wishes in a RATIONAL manner (elected representatives get all kinds of
folks madder than hell about something). Rationality has much more
impact than anger, believe it or not. Take the time to write your
wishes, again in a RATIONAL manner, and send that to your senator.

More important, get your NON-ham friends interested, get them to help
you, make a petition with lots of signatures if you can. Use the
Internet to "red-dog" a senator or representative that way; e-mail
alerts the official's staff. If the staff sees a lot of BOTH
surface mail and e-mail, they tell their boss pronto. There are many,
many more non-hams than hams and elected officials represent ALL
citizens. Do the same with your federal representative. A bill that
passes the Senate HAS to go into the House for vote before it becomes
law (and vice versa). But...act NOW...this bill was introduced some
time ago. Grousing back and forth on the internet with other hams
doesn't do a damn thing. Contact the wonderful League and make them
work for you if you are a member.

72>We have to stop any bills from passing that will give interference
72>enforcement rights to anybody other than the FCC! Think about it!

Think also that the FCC hasn't been funded to handle every single RFI complaint in the USA. The FCC has a lot of OTHER radio services and interstate carriers to regulate, services that affect ALL the citizens, not just amateur radio hobbyists. Federal budget figures are public information and you can find out how little they get by checking The World Almanac (annual editions less than $10 yearly at newstands).

Remember that some folks will be FOR S2025 while you and others are against it. If an elected official gets more response FOR and less AGAINST, he will vote for the FOR group. The group with the most communication gets the attention.

---
* OLX 2.1 * Great minds discuss ideas; small ones, people.

2694. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: agray@voicenet.com
Message-ID: <3233ECBA.6ECA@voicenet.com>
Source record: 217277

carl@ais.net wrote:
>
> In <50qde3$kn8@vixen.cso.uiuc.edu>, w9sz@prairienet.org (Zack Widup) writes:
> >
> >
> >So for those of us that enjoy it, let's keep using it! See you on the
> >bands!
> >
> >73, Zack W9SZ
> >--
> >
>
> Zack,
>
> I am happy (really) that YOU enjoy CW ... great, fine, keep it up, have
> at it ..
>
> All the technophiles amongst us are saying is that we don't share your
> interest ... we want do do other things that have absolutely nothing to
> do with CW ... so we see NO sense in requiring someone to waste the time
> and effort to "jump through a hoop" that has no value to them and
> demonstrate a "skill" that they will probably NEVER use again ...
>
> 73,
> Carl - wa6vse
> carl@ais.net

There you go again Carl, asserting opinion as fact: "All the technophiles amongst us are saying...". This is obviously false statement and weakens your credibility. There are many, many "technophiles" in the ham ranks that love cw. If you worked a little cw once in a while, you'd be able to confirm this for yourself.

2695. The final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3233EFD9.7C7F@ccsnet.com>
Source record: 217278
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

WHAT IS C W

* It is a unique,intimate,concise and effective communications skill still employed throughout the world.

* It is the most efficient mode in terms of power required for long-distance communication ,least susecptible to interference,and conserving of the radio frequency spectrum.

* It involves no accent or pronunciation problems,therefore providing a widely understood international language.

* It employs simpler,more reliable and easily maintained equipment than any other communications mode.

* It is an equalizer,negating age,speech impediments and dialectical differences;it provides for ready acceptance of youngsters in an adult enviornment.

* It is the ONLY radio communications mode that is understood readily by both man and machine.

Please note : the above article was submitted for packet by N1CNS as a reminder that it is a serious and viable means of communication. Any responses may be sent to me WA1HVD @ KA1AZ.RI.USA

2696. Re: Who actually ENJOYS CW and could care less abo

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <510u84$5rl@jupiter.planet.net>
Source record: 217279

> carl@ais.net writes:

> There is a large body of opinon (and supporting evidence) indicating
> that there are a lot of good reasons to eliminate the CW test.
> Nobody seems to be suggesting the first (ban the mode) ... only the
> second (eliminate the test).

still waiting to see all this evidence you continually cite, as for opinions,
you know what they say

>
> >Why be lazy, why look at
> >it as such hard work? Just learn it. It is not that hard to do.
>
> It's NOT a question of lazy ... it's a question of interest and
> relevance.

actually it is a welfare state mentallity that says if i gripe and
whine enough, i can get something with no work or effort
put into it

> Carl - wa6vse
> carl@ais.net

steve

2697. Re: Free at last.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <842267105snz@microvst.demon.co.uk>
Source record: 217280

In article <510d3e$mu9@crash.microserve.net>
jackl@pinetree.microserve.com "WB3U" writes:

> emtp4355@aol.com (EMTP4355) wrote:
>
> >It's a free country (USA) . . .
>
> Says who?

How about Cheap?

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

2698. Re: Melbourne Hamfest

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: kmccoy@stetson.edu
Message-ID: <5115ko$qt2@shadow.stetson.edu>
Source record: 217281

This weekend (Sept. 14-15, 1996).

Jim Finney <jpf@southeast.net> wrote:

>Will someone tell me when and where the Melbourne, Florida hamfest is?

>Thanks,

2699. Re: Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <5115ik$20aa@usenetw1.news.prodigy.com>
Source record: 217282

>Yes Carl, but the only problem is that Drew, by his own admission,
>>doesn't own a radio<.

Now this would be downright funny if it wasn't so pathetically incorrect.

Come on, Mike. You can do better than this. Please show me WHERE Drew,
"by his own admission", stated that he doesn't own a radio.

-Drew in Sunny Central Florida-
KF4DDM

2700. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep9.124553.12824@ke4zv.atl.ga.us>
Source record: 217283

In article <50vm42$1n8@anomaly.ideamation.com> kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:
>In article <50vcl4$26k@news.ais.net>, <carl@ais.net> wrote:
>
>>A no-code license is NOT perfect ... it has created a ghetto of
>>no-coders in the VHF/UHF bands ... most are not "upgrading" because they
>>don't see CW as "upgrade" in any respect
>
>This is not correct. While a majority may not be upgrading (not
>surprising since the codeless license was specifically created
>for people with no interest in HF) a sizeable amount of those who
>enter through the codeless license do in fact upgrade to higher
>licenses.

For once, Michael is correct. About 15% of current higher class licensees started out as code test free Techs while about 18% of current amateurs have remained code test free Techs. So about 45% of Techs are upgrading.

Now since it is obvious that 82% of amateurs are *not* on HF, though they are licensed to be there, many of those upgrading must be doing so for other reasons than gaining access to HF.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2701. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: Ed Hare <ehare@arrl.org>
Message-ID: <511amh$qr1@mgate.arrl.org>
Source record: 217284
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

kd1hz@anomaly.ideamation.com (Michael P. Deignan) wrote:

>In article <50rpv7$ggs@mgate.arrl.org>, Ed Hare <ehare@arrl.org> wrote:

>>In this case, I think the sheer volume of the response certainly got
>>their attention.

>There is no reason to think that the volume of response would be any
>more or less "sheer" if there wasn't a codeless tech license. The one
>thing that the 220mhz spectrum loss taught amateurs was the ability to
>mobilize when our spectrum is threatened.

If I recall correctly, the Tecnician class license showed a dramatic
increase after the code requirement was removed. I believe that if all
the folks who were part of the increase were not licensed, the number of
responses would have been reduced correspondingly.

>>I feel comfortable estimating that a significant number of the response >>came from
"no-code" Technicians.

>I don't believe there is any legitimate basis for this feeling. Is there
>any reason to suspect that the ratio of codeless techs that responded
>is in any manner higher than the ratio of other license classes that use
>VHF on a regular basis?

Even if the ratio of codeless techs to other users were LESS than what
one would expect from a head count, the number would still have been
"significant."

Ed

2702. Re: ARRL and the little LEO grab

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: Ed Hare <ehare@arrl.org>
Message-ID: <511a86$qr1@mgate.arrl.org>
Source record: 217285
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>In article <50s7vj$a97@news.ais.net> carl@ais.net writes:

>>In <50rpv7$ggs@mgate.arrl.org>, Ed Hare <ehare@arrl.org> writes:

>>>The folks who put the amateur 2-meter and 70-centimeter bands on the
>>>plate for the little LEOs probably honestly believed that they could >>>be legitimate
sharing partners. They are not looking to be primary in
>>>the amateur bands.

>>Ed, I can't believe that you are actually naieve enough to believe that
>>.. they're technical folks ... they understand the realities of
>>weak-signal satellite links ... they know that the 2m and 70cm are
>>already quite heavily occupied (by amateur standards, considering the
>>present state of technology in wide-spread use by amateurs). Actually,
>>if the ARRL IS naieve enough to believe what you said above, it should
>>immediately raise a serious question about the ARRL's ability to
>>"protect" our allocations by recognizing potential threats ...

(As a matter of fact, Carl, I do believe that. The LEO system is
frequency adaptive, checking channels for occupancy, etc., before use.
The satellite stations probably would be compatible with most 2-meter
phone work. The real problem comes from the ground stations associated
with all this; they could interfere with 1-watt HTs that the satellite
really can't hear. Our Senior Lab Engineer, Zack Lau, did a rather
detailed analysis of the situation; we really have looked at it
carefully.)

>The folks proposing this are *not* technical folks. They are *lawyers*
>representing *marketeers* working at Beltway consulting companies.
>I'm quite sure there *is* a technical type somewhere in the background
>slapping his forehead and crying, "Are you *nuts*?", but his isn't the
>controlling voice here, and I doubt the lawyers could understand the
>issues if they were explained to them. When marketing and legal get
>together, engineering can only duck for cover.

>>They're hoping to "get their foot in the door" ... plain and simple ...
>>and IF they do, once they launch their systems and "discover that their
>>sharing plans don't work after all" they'll be back at the FCC in a
>>heartbeat, complaining about interference and seeking to "move the >>hams".. guaranteed!
>
>That's certainly the outcome to be expected. What Ed is saying is that
>the lawyers proposing this little LEO grab may not yet realize that this
>would be the ultimate result of attempted sharing. I'd add that they

>probably wouldn't care if they did realize this. In that regard, a
>technical document is really of no value in changing their positions.

><snip>

>The ARRL's technical document can't hurt. It will illumine the real
>technical issues. But it won't determine the outcome. That's political,
>and it is political muscle which will win or lose it. Fortunately,
>amateur radio's political muscle has grown by 33% since we lost the
>last grab for our spectrum. It appears to be enough, this time, but we
>need to grow it even larger for the times ahead when the grab attempts
>will be more seriously pressed.

Actually, I suspect that the parameters for a world-class moonbounce station will raise a few eyebrows. :-) I wouldn't discount the value of a technical analysis of the sharing potential. Coupled with the demographics, showing the extent of current occupancy, it forms a pretty persuasive argument that they need to look elsewhere. Remember, the amateur frequencies are only one of a large group of bands they are looking at. While the LEO folks may not be dissuaded, those making frequency-allocation decisions will consider the technical aspects of sharing. One thing we can usually say about our regulators; they are not apt to make decisions that will ultimately result in more work for themselves. Deciding to permit a technically unworkable sharing situation would NOT lessen their workload.

73 from ARRL HQ,
Ed Hare, KA1CV,
ARRL Laboratory Supervisor

2703. Re: Indiana repeater/ATV/Packet APRS Balloon Launch

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: Gary Watts <gwatts@qni.com>
Message-ID: <Pine.GSO.3.95.960909110204.7057F-100000@qni.com>
Source record: 217286

Hank,
How did the launch GO ?
Gary Watts de N0OXV
KAnsas City Mo
81 GL1100I

On 3 Sep 1996 Hank.Riley%1 wrote:

> To: Hank Riley%1:2619/211.9%12:320/100.666
> From: h1riley@umassd.edu (Hank Riley)
> Subject: Indiana repeater/ATV/Packet APRS Balloon Launch
> Organization: UMass Dartmouth, N. Dartmouth, MA.
>
> CENTRAL INDIANA REPEATER/ATV/GPS PACKET BALLOON LAUNCH
>
>
> Region: Central Indiana
>
> Date/Time: Saturday, September 7 / 7:00-8:00 AM EDT,
> 11:00-12:00 UTC
>
> Location: Greentown, Indiana (8 miles east
> of Kokomo)
>
> Other states where
> the signals will
> reach easily: Ohio, Illinois, Michigan, Kentucky
>
> Site Coordinates: approximate for initial antenna heading;
> (not for navigating to launch site)
> 40' 29" North Lat.
> 85' 58" West Long.
>
> ATV: 439.25 MHz AM NTSC from live camera
>
> VHF/UHF Repeater: Input - 144.30 MHz FM
> Dual Output - 444.85 MHz FM
> - 52.525 MHz FM
>
> Telemetry: 446.00 MHz FM AX.25 1200 baud packet
> GPS/APRS position data
>
> HF Net: 3.869 - 3.871 Mhz SSB
>
> Local repeater

> talk-in: probably 146.91 or 147.24
>
> --
> launch data courtesy of Malcolm Mallette, WA9BVS
> malletem@trader.com
>
>
> Please email me news of upcoming balloon launches and post-flight
> reports for distribution on the Net.
>
> Hank Riley, N1LTV
> h1riley@umassd.edu
>
> # Origin: Usenet:UMass Dartmouth, N. Dartmouth, MA. (1:2619/211.9)
>
> # Origin: Gateway ARNet <-> HamNet by HB9EBW (12:320/100.666)
> --
> |Fidonet: Hank Riley%1:2619/211.9 2:301/249.666
> |Internet: Hank.Riley%1:2619/211.9
> |
> | Standard disclaimer: The views of this user are strictly his own.
>
>
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2704. New Technology (was: Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: Ed Hare <ehare@arrl.org>
Message-ID: <511ftf$qr1@mgate.arrl.org>
Source record: 217287

carl@ais.net wrote:

>Of the above, the ONLY one that serves ANY continuing purpose from the
>prospective of meeting our regulatory raison d'etre is "build and modify
>radios". The development of moonbounce and meteor scatter techniques
>was forward-reaching stuff ... in the 1950's ... other services have
>made use of, and advanced the state of the art in, those modes FAR
>beyond the stagnant "novelty" use hams have made of them.

Hams will probably not *directly* produce major new technological advances, but this is not due to anything inherent in the service; it is primarily because modern technical R&D usually requires more capability than the typical ham station. However, don't discount AR yet; hams have long been noted for taking expensive technology and finding ways to make it cheap. (We first did this with spark, I believe, making low-power spart transmitters from old Model-T coils.) And, many of the engineers who *are* working on state-of-the-art technology are engineers first and hams second. In many cases (mine in particular), their career in electronics grew from their ham radio experiences. I suspect that the engineers who are also active hams have learned from their experiences with Amateur Radio.

>Some of them are actually VERY dangerous and detrimental to the future
>of ham radio ... the worst being "We think of radio as a hobby." This
>has been carried so far that there's no sense of responsibility to the
>real reasons for the existence of the Amateur Radio Service ... public
>service and experimentation with and development of technology.

I presume you are not speaking for the hams that are actually doing these things. While (sadly) they are not 100% of hams, the folks who are active in public service and experimentation are quite significant, indeed.

>So sad ... ham radio is so desparately in need of a vision of BETTER
>ways, but it insists on clinging to OLD ways ...

Over the past 10 years, I have seen significant evolution of the ways hams communicate. Modes like packet, once a "novelty" are now mainstream Amateur Radio, to cite but one example. Perhaps you and I are exposed to different parts of Amateur Radio, but although we are not abandoning the "old" ways, that is not precluding us (as a service) from making good and proper use of new ways.

73 from ARRL HQ,
Ed Hare, KA1CV

ARRL Laboratory Supervisor

2705. Re: Melbourne Hamfest

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: w7el@teleport.com
Message-ID: <511i3l$rb9@nadine.teleport.com>
Source record: 217288

In article <5115ko$qt2@shadow.stetson.edu>,
kmccoy@stetson.edu (Ken McCoy) wrote:
>This weekend (Sept. 14-15, 1996).
>
>Jim Finney <jpf@southeast.net> wrote:
>
>>Will someone tell me when and where the Melbourne, Florida hamfest is?
>
>>Thanks,

If anyone sees anyone selling ELNEC or EZNEC programs, please contact me at w7el@teleport.com, or call collect (503) 646-2885. If you can get his name, company name, photo, or any other information I'd be very appreciative. Someone was doing this at the Jacksonville hamfest, so may also be at Melbourne.

Thanks, and have a good time at the hamfest!

Roy Lewallen, W7EL

2706. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: jbaltz@news.cs.columbia.edu
Message-ID: <511jmq$8bl@play.cs.columbia.edu>
Source record: 217289

In article <32341DE1.71B4@contesting.com>, VK1WI <VK1FF@contesting.com> wrote:
>If the decision to drop the CW requirement is made, I hope it's coupled
>with specific freq ranges set aside for CW only so we can continue
>enjoying the part of the hobby we most enjoy - INTERFERENCE FREE.

Why should CW get such special treatment? You don't have
"interference-free" zones *now*. Just because those who like OOK Morse are
placated into accepting those on HF without code tests under their belts?

>And IMHO that does not include sharing space with the current digital
>modes like PACTOR, SITOR, RTTY, etc.

Why not? Can't you just use a narrower filter and tune out all that
"noise"?

Why should one mode get "protection" it isn't afforded now?

Please respect the Followup-to: line.

>73, Jim Muller Packet: VK1FF@VK1KCM.ACT.AUS.AUNZ

//jbaltz
--
jerry b. altzman There is no universe -- P. Halmos +1 212 650 5617
jbaltz@cs.columbia.edu jbaltz@scisun.sci.ccny.cuny.edu KE3ML

2707. Re: Little LEO again (was Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep9.152022.13246@ke4zv.atl.ga.us>
Source record: 217290
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <50vr00$iv5@abyss.West.Sun.COM> myers@West.Sun.COM (Dana Myers) writes:
>While you're certainly correct about the near/far issue, keep
>in mind the LEOs are apparently looking a huge part of the VHF and
>UHF public service bands. If they don't think they can cope
>with local NBFM users, then *all* of these bands are in danger.
>I don't think this is the case.

The politics won't let those other bands be in danger, IE their
constituencies are powerful enough to defend their spectrum.
Thus public safety services are in no danger because of their
political clout. And most of the commercial users have both
money and political connections to defend their allocations.
Amateur radio only has grassroots numbers on its side. In
other words, most of the other sharing ideas are simply
strawmen, intended to be easily knocked down so that it will
appear to the committee that the only alternative is the spectrum
of the (perceived to be) politically weak amateur service.

There are some places the little LEOs can have a reasonable
expectation of being able to operate. In the 138 MHz spectrum,
the little LEOs would share with other satellites, so the near
far problem is drastically reduced, and coordination of sharing
is a greatly eased problem (there are no terrestrial emitters using
this spectrum). In the 149 MHz spectrum, they already have an
allocation which they are using. In the 403 MHz spectrum,
they are proposing simply buying off the (few) existing fixed
service users and taking over that spectrum. Then there's the
whole issue of the soon to be vacated VHF TV spectrum. When those
66 MHz go up for grabs, it's a whole new ballgame.

In selected portions of the land mobile spectrum, and the 216-219 MHz
waterway spectrum, they are depending on the coordination database to
allow them to "play in the cracks" along the satellite track. They can
do that because all the current users are licensed to particular sites
and frequencies with coordinated guard bands which are all known in
advance. (It's a difficult management problem, but probably not
insoluable.)

Note, if they use SS, and the present little LEOs don't, the
only type that would work is FH due to the near far problem of
satellite versus terrestrial emitters. FH can let them dynamically
"play in the cracks". It's not necessary to use SS to do this,
however. They can "play in the cracks", IE the coordinated guard

bands between chanels, with conventional frequency agile narrowband techniques. And that would be better since they could realistically use tracking preselector filtering.

With amateur radio, there are (crudely) coordinated repeaters, which is somewhat like the land mobile case, though much less rigidly constrained (the bandplan isn't even consistent nationwide), but there is also simplex operation which is completely uncoordinated as to location, frequency, power, and antenna pattern. Amateurs are not constrained to a single channel (or small number of channels) licensed to known locations. Nor are amateurs constrained to a single modulation type. This makes for a chaotic RF environment. The little LEOs can't "play in the cracks" here. The chance of serious interference which would cause a service outage is too high.

Note, in all cases it is the interference potential *to* the little LEO operation which is the one that matters (there aren't enough terrestrial weak signal operations to matter politically). The level of interference they would present to ordinary terrestrial services is minimal, but the interference potential of ordinary terrestrial emitters to *them* is not minimal. Thus they need a sharing "partner" who they can easily *bully out of their way*. They aren't going to be able to do that to public safety, or to large commercial users, but they may think that they can do that to amateurs after they get their foot in the door.

A PS for those who wonder about the near far issue. If this were a terrestrial service wishing to share with amateurs, SS would allow them to do so with relatively little impact to either party. But because there is a satellite link involved, the 20-30 db of process gain offered by SS simply can't overcome the 80+ db difference in signal strength between a nearby terrestrial emitter and the distant satellite emitter. The local signal will activate the local receiver AGC and push the SS signal below the noise too far to be recovered by the available processing gain. SS offers the ability to resist jamming, but not *this* much jamming (the other emitter can be considered a jammer in this context).

Note too that the SS receiver has to have a "wide open" front end to receive the SS signal, and thus the jammer merely has to be in the passband and not directly on some particular frequency in order to cause problems. I'm sure most amateurs realize the problems with a "DC to daylight" receiver front end on VHF by now since many of the current crop of amateur HTs have them, and they aren't dealing with such a difference in signal levels (except in some of the "intermod hells" in downtown areas around the country).

The little LEOs would face a situation like that an amateur with a Kenwood faces in one of the downtown "intermod hells", but the problem wouldn't be confined just to localized areas. The problem would span entire regions due to the footprint of the satellite.

Thus they need clean uncontaminated spectrum in which to operate
if they use SS. And the only way they can get that at VHF is to
displace some other service's operations from the bandpass they
want to use.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2708. Camus mode radios -- where to get them?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: ljubisic@EUnet.yu
Message-ID: <511jrq$5gs@Solair3.EUnet.yu>
Source record: 217291

Hi!

I am having a little problem. I have to expand our company's radio system, and I have to purchase radios with DTMF keypad (we have also radio-phone system), but they have to be RCS 2000 - Camus mode compliant. We are using Motorola MX3000 (Stornophone7000) devices at the moment, but due to it's price and quantity we would like to buy, we are seeking for some cheaper solution. (By the way, I heard something about some new software for MX3000. Anybody has it? What are new features, if any?)

So, I was told that Alinco's DJ-130 model is Camus compatible, but local dealer couldn't confirm it. Also, I heard that DJ-182 with its Al-trunk logic board (which operates with CTCSS) could be MODIEFIED to be Camus mode compatible. Is there anybody from Alinco who could tell me if this is possible, and how?

Also, one friend told me that ICOM-H16T (#17), with Logic-A-Unit (EP701, PCB B1580H) is Camus mode compatible, and he wasn't sure, but also told me that ICOM IC-F30LT with UT-96 5 tone unit is also Camus capable. But, same thing as with Alinco, local delares couldn't confirm or deny it. Anybody knows it? Is there any e-mail contact in Icom where I could check it?

And finaly, it doesn't have to be Alinco or Icom, it could be also Yaesu, Kenwood, Standard, Harris... but I have to know is it Camus mode compatible, and how to order such option or modification from manufactorer/dealer.

If anybody knows something about it, I would like to ask him to send me a note _by mail_, since I wouldn't like to miss such importnat message by skiping it somehow in newsgroup.
Thanx for understanding!

2709. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDxHC94.7Dw@netcom.com>
Source record: 217292

Jari Jokiniemi (jjo@tekla.fi) wrote:

: In article <jlowmanDxDLyI.K9x@netcom.com> jlowman@netcom.com (Jim Lowman) writes:
: Glad I'm not alone in this thinking. But isn't this *really* what the
: code/no-code debate is about? I can't believe that most of the defenders of
: CW are doing so, just because they feel that everyone should have to pass a
: code test, simply because they did.

: I believe that it is one of the most important reasons. Very few would
: admit that, though.

I'm beinning to see that this is the case, unfortunately.

: I have often wondered how the general opinion would change if
: we all had to take the test every two years or so in order to keep our
: licences. (Like the pilots have to do.)

It used to be that US amateurs had to sign a statement when renewing their licenses, that they were still capable of copying CW at the rate required for that license. I would suppose that this made liars out of a good number of hams, even under the threat of perjury.

73 de Jim - KF6CR

2710. Keep CW Requirement?...on radio show!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: lenwink@indirect.com
Message-ID: <511h0k$1nnm@news.goodnet.com>
Source record: 217293
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.info

Carl Stevenson, WA6VSE, a frequent poster on the newsgroups, and a supporter of getting rid of the CW requirement, not to mention many other opinions, will be the special guest this Sunday, 9-15-96, on the Ham Radio & More Show. Tune in to hear Carl's opinions and you are welcome to phone in on our toll free listener call-in lines and discuss your opinions, too. A few weeks ago, Nancy Kott, from FISTS was on the show supporting the CW requirement, now is the alternative view. Maybe the WARC committee people should listen to this show for input, too.
The show info is below.

Len Winkler, KB7LPW lenwink@indirect.com
P.O. Box 9219 kb7lpw@kc7y.az.usa.na
Phoenix, AZ. 85068-9219

Ham Radio & More Show (host); info at:
http://www.barc.org/barc/ham-more.html (Home Page) (Thanks BARC)
http://www.tapr.org/hrm (RealAudio site to hear past shows) (Thanks TAPR)

The Ham Radio & More Show airs LIVE each Sunday at 6:00pm ET,
(2200utc), on many local commercial stations throughout the country.
ALSO: LIVE on WWCR Shortwave, 7.435mhz. 100,000 watts.(Thanks WWCR)
ALSO: LIVE on RealAudio at: http://ww2.audionet.com/pub/kbnp/kbnp.htm (Thanks KBNP)

Also available tape delayed via WWCR Shortwave on Mondays,
at 0900utc on 3.210mhz and on Sundays, at 0300utc on 3.215mhz.

Support "WOG", the Written Only General!

2711. Key Input Specs?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: rdmiller@execpc.com
Message-ID: <511rsl$6o5@newsops.execpc.com>
Source record: 217294
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

I don't know why I didn't think of it before, but instead of the crystal and two capacitors, my PIC-based keyer could use a single ceramic resonator. Now though, I may have to add a part...

Could someone tell me if there's a "standard" specification for the voltage across an open Morse key/paddle, or how much current the contacts are expected to handle?

Specifically, I need to know if 5 Volts open-circuit is typically enough, and whether sinking 25 mA closed-circuit is sufficient. If not, I'd have to add a FET to my dinky keyer. Oh well, I was thinking I should add a cap across the PIC's power pins anyway.

Rick Miller (kb9obn) rdmiller@execpc.com

2712. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: johnh@mbddoc8.cse.tek.com
Message-ID: <511s5q$nc1@tekadm1.cse.tek.com>
Source record: 217295

In article <50nvqg$p18@news.ais.net> carl@ais.net replies to adell@planet.net (Steve - KF2TI) :

>>
>
>That's exactly his point ... while there's more than one way to get to
>the top of the mountain (old-fashioned climbing vs. modern helicopter)
>skills in the first have NOTHING TO DO WITH qualifications for the
>second.
>
>This is EXACTLY the situation we have with the CW test ... it has
>NOTHING to do with operating other (modern) HF modes.
>
>Carl - wa6vse
>crl@ais.net
>
>

If you fly your helicopter to the top of the mountain and crash, you may wish that you knew how to climb mountains.

HF is world wide communication. I believe that CW was made a requirement for its use in emergencies, not because it prevented interference or limited the number of hams. I believe it still has a valid use in emergency situations.

If my equipment is still operational in an emergency, CW will not be my mode of first choice. However, if the disaster crushes my equipment I hope there are HF operators that can copy my CW transmissions, because I may be able to build a CW transmitter from the rubble, but I would not try to build a computer, tnc and radio from the rubble.

John K7SII

2713. Re: Key Input Specs?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: Carl Gregory <cgregory@uiuc.edu>
Message-ID: <323479BB.59DE@uiuc.edu>
Source record: 217296
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

rdmiller@execpc.com wrote:
> Could someone tell me if there's a "standard" specification for
> the voltage across an open Morse key/paddle, or how much current
> the contacts are expected to handle?

Well, if you're keying an old-time tube transmitter, you could have
+150V or more on the key during key-up (cathode keying). If it's a
grid-block-keyed system, it might be -150V (if memory serves, the
once-popular Heath HW-101/SB-102 had this kind of voltages). You can't
just put a zener across the keyer to clamp this, either, since that will
effectively turn the rig on all the time.

73!

Carl
K8CG

2714. Key Input Specs?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: Rick Miller <rdmiller@execpc.com>
Message-ID: <01bb9e8e$8ea8ea80$060801c1@eng06.digalogsys.com>
Source record: 217297
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

Hi!

Can someone tell me what open-circuit voltage and closed-circuit current the device attatched to the "key" input of a rig is supposed to be able to handle? If 5 Volts and 25 mA is sufficient, I'll be a happy camper!

Otherwise, I'll have to use a FET I guess.

Rick Miller (kb9obn) rdmiller@execpc.com

2715. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: least <least@sprynet.com>
Message-ID: <01bb9eac$c63ef980$c0d8aec7@default>
Source record: 217298

Dave Finley <dfinley@newshost.aoc.nrao.edu> wrote in article
<50mqe5$8ud@orion.aoc.nrao.edu>...
>
> Dave WB7AWK zommbee@nwlink.com, asks:
>
> >"I am ONLY asking how many people ENJOY CW? Now here's
> >the clinker - How many enjoy CW who have only had their tickets for a
couple
> >of years or less?"
>
>
>
>
>
> In 1993, I became obsessive about getting on HF and also stumbled onto
> the Koch Method of learning code. As a result, I passed my first and
>
>What is the Koch method?

I have ADD and have not been able to learn code....

2716. site

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: least <least@sprynet.com>
Message-ID: <01bb9eac$d84848c0$c0d8aec7@default>
Source record: 217299

```
--
If you have a couple minutes while it loads!
http://home.sprynet.com/sprynet/least
```

2717. Hams <-??-> Pilots

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: rst-engr@oro.net
Message-ID: <511vag$tqo@li.oro.net>
Source record: 217300
Cross-posted to: rec.aviation.homebuilt,rec.radio.amateur.misc

Hi, y'all --

You'd think after twenty-five years in the airplane radio kit business I'd be the one to ANSWER this question instead of ask it. The question is very simple -- What percentage of active hams are active pilots, and what percentage of active pilots are active hams?

At one time we did a VERY limited sampling, random names chosen from each group, and came up with about a 25% cross-breeding, going in both directions. That was why we started the company, away back in 1972 -- we figured that a quarter of the airplane drivers had some sort of technical skill and it has proven out over the last 25 or so years. That was back in the days of kerosene powered computers and ram measured in BYTES instead of megabytes. (You don't really think we chose the initials RST at random, do you?)

Anyway, we're thinking about developing a product that uses the privileges of amateur radio but for aircraft use (and yes, we'll require a call sign and crosschecking to sell it). We're sort of guessing that the market has stayed about the same, but with the explosion of the Tech ranks, we think the numbers might have skewed upwards.

Anybody got a good way of doing an SEWAG (instead of my rectorandom estimate) without the pain in the fanny of picking a thousand names at random and seeing how they cross-check into the other list? How about one step further, how many hams are airplane OWNERS?

Jim
Jim Weir VP Engineering | You bet your sweet patootie I speak for the
RST Engineering | company. If I don't, ain't nobody gonna.
Grass Valley CA 95945 |
http://www.rst-engr.com | AR Adv WB6BHI--FCC 1st phone---Cessna 182A N73CQ
jim@rst-engr.com | Commercial/CFI-Airplane/Glider-A&P-FAA Counselor

2718. Re: Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: jrouse@infi.net
Message-ID: <511qrd$gb@nw101.infi.net>
Source record: 217301

You guys REALLY need to get lives!!

73, John KA3DBN
--
John L. Rouse Packet: ka3dbn@ka3rfe.md.usa.noa
Capital-Gazette Communications FAX: 301-464-7027
jrouse@dc.infi.net PHONE: 301-262-3700 X200
john.rouse@reporters.net 410-268-5000

2719. Re: FCC Ruling Will Require Some Hams to File Environmental Impact R

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: Hans K0HB <71111.260@CompuServe.COM>
Message-ID: <511l9q$h9r$1@mhafc.production.compuserve.com>
Source record: 217302

There are a number of issues in this action which are a problem.

1) The R&O was issued without anyone having seen the proposed
rules and thus unable to comment in a substantive way.
2) The 50W power threshhold for amateurs is arbitrary and
likely to trigger concerns on the part of State and local
land-use regulatory agencies that power above 50W is somehow
"bad" and cause for restriction on their part.
3) The 50W power level is unreasonably low, and differentiates
between Amateur Radio licensees and other radio-service
licensees which are treated much less restrictively.

--
73, de Hans, K0HB
--
-- Often statistics are used as a drunk uses a lamp-post....
-- .... for support rather than illimination.

2720. Re: The final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-09 00:00:00 UTC
From: Phil Karn <karn@qualcomm.com>
Message-ID: <32349D08.41C67EA6@qualcomm.com>
Source record: 217303
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Burt Fisher wrote:
>
> WHAT IS C W

What follows is, of course, largely nonsense.
>
> * It is a unique,intimate,concise and effective communications skill still
> employed throughout the world.

It may be unique and intimate, but it's hardly concise or effective
compared to more modern digital communication methods.

>
> * It is the most efficient mode in terms of power required for long-
> distance communication ,least susecptible to interference,and conserving of
> the radio frequency spectrum

This is demonstrably false on all counts.

Sanity check: if CW is so power-efficient, why doesn't NASA use it in
deep-space probes? If it's least susceptible to interference, why
doesn't the military use it in jamming environments? And if it's so
conserving of radio spectrum, why don't the commercial carriers
use it, given the billions they spend on spectrum auctions?

>
> * It involves no accent or pronunciation problems,therefore providing a
> widely understood international language.

Morse is a character set, just like ASCII. Are you saying that two
people who have no natural language in common can carry on a full
conversation by just switching to Morse code? Standardized overhead
(signal reports, etc) do not count as "full conversation".

To the extent that Morse overcomes accent or pronunciation problems,
the same can be said for email and similiar forms of modern digital
communications. Of course, you still need to have a natural language
in common, at least until automatic machine translation arrives.

>
> * It employs simpler,more reliable and easily maintained equipment than any
> other communications mode.

Hardware simplicity is now essentially irrelevant given reliable,
modern digital electronics and very large scale integration.
>

> * It is an equalizer,negating age,speech impediments and dialectical
> differences;it provides for ready acceptance of youngsters in an adult
> enviornment.

Assuming, of course, those youngsters know the code -- which few do.
If you wanted to give more than lip service to bringing kids into
ham radio, you'd admit that many more kids can type and read than
send and receive Morse. Not only that, but typing and reading are
clearly going to be more important in the world they're going to
inherit than Morse will be.

>
> * It is the ONLY radio communications mode that is understood readily by
> both man and machine.

What does "understood" mean? Can a machine truly "understand" a Morse
conversation that goes beyond standardized overhead? Isn't the
ultimate purpose of most communication systems human-to-human
conversation? And can a human understand Morse-modulated RF directly,
i.e., without a receiver? Your statement is at best meaningless;
at worst plain wrong.

Phil, KA9Q

2721. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <514d8j$jj2@news.Hawaii.Edu>
Source record: 217054
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Jim Cummings <jcumming@crc.doc.ca> wrote:
>someone@somewhere wrote:
>>Jimbo wrote:

>>>No doubt they do. But unlike in the amateur service where one must
>>>submit oneself to an examination in order to confirm if the Pavlovian
>>>conditioning attributed to learning Morse code has indeed been

Just as Pavlovian as reading or listening to someone talk. I say "Hi Jimbo"
and through years of conditioning his mind can take those sounds and
attribute, through memory, meaning to them.

I'll bet the aroma of a steak sauted in butter, onions and mushrooms
will start Cummings' mouth watering - not that I'm comparing him with
Pavlov's dogs, mind you.

>> You know, if you don't like the U.S. requirements, why don't you move
>>to Canada?

>What an odd thing to ask since I live in Canada. In any case,
>what's how is my domicile relevant to the quotation?

He's hinting that ca.radio.amateur.nocode would be a more appropriate
forum to post on.

>73 and live better digitally
>Jim, VE3XJ

73 and communicate better through Morse,
Jeff KH2PZ / KH6

2722. Do we build? was(Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep10.150841.2923@ke4zv.atl.ga.us>
Source record: 217104
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew

In article <50ps5d$9gr@news.Hawaii.Edu> jherman@Hawaii.Edu (Jeffrey Herman) writes:
>I would venture to guess that of those radios still being built at home,
>more are being built for CW use than SSB, FM, ATV, RTTY, digital, et
>cetera. I make this judgement based on what appears on the QRP and
>GLOWBUGS lists (Glowbugs is devoted to homebrewing tube gear).

I'm not so sure of that. Between Hamtronics, Ramsey, Tentec, the late unlamented VHF Engineering, Down East Microwave, etc, and conversion of commercial surplus, I'd suggest that FM is the most popular for those who build or modify. And a good deal of that gets pressed into digital service. Note that this isn't scratch construction for the most part, but rather depends on kits or commercial surplus assemblies for the parts and basic design. However, a look at _Microwave Update_ or one of the Proceedings issues shows considerable at home scratch construction of this sort of equipment too. (And most of the kits aren't of Heathkit quality so they require considerable skills by the builder beyond simply following instructions and knowing how to solder in order to get them operational. Thus I'd tend to lump them under the banner of homebrew.)

I know the sales figures for the GRAPES 29 MHz quadrature transceiver kit (several thousand units), and I have a fair guess for some of the others. Discounting commercial surplus conversion for the moment, I'd suggest we're looking at something on the order of 30,000 to 70,000 non-CW units which have been shipped. Add in conversion of commercial surplus and you're looking at well over 200,000 units (conversion sometimes only requires changing the crystal and repeaking, which shouldn't qualify here, but often it requires fairly extensive changes which IMHO could fall into the category we're discussing). Note for the most part we're talking about both transmitters and receivers here, not just transmitters, IE complete working stations.

If we also include the CB->10m conversions (including conversion of AM rigs to FM), we're looking at several thousand more non-CW home projects. And we have ringers like Campbell's T2 and R2. They're quadrature units. They can be used for CW, but they also work fine for SSB or digital (which is how I'm using mine). I have no idea how many kits Kanga has sold, or how many were built directly from the QST articles. I built mine from the articles, and modified them extensively in the process by replacing the analog audio phasing section with a DSP. I use them for QPSK experiments, but they would have worked for that without the DSP (just not as well). I know several others doing similar things with them, and some folks using them as SSB exciters (followed by a homebrew amp) and receivers.

Most ATV transmitters (and receiving converters) have been homebuilt. They've either been kits or scratch built for high level modulated VSB, and for FM they have been mostly kits with only a few scratch built (pity, the FM units are easier to scratch build than the VSB units, and offer better performance). Of course the total isn't huge in any case since ATV isn't a hugely popular amateur mode.

I'm leaving out what was historically the biggest kit supplier, Heathkit, because I don't think of them in the same way as the others. They are truly just home assembly rather than what we'd consider homebrew because of the extensive instructions and the care with which the units were designed to make them foolproof to assemble by someone with virtually no skills beyond reading and following directions. If they were included, you'd have a large number of respectable SSB transceivers and FM transceivers to add to the total. (I believe the HW-101 was the largest selling amateur kit of all time.)

>Jeff KH2PZ / KH6 (ex WA6QIJ) (exclusively using homebuild CW transmitters)

But the transmitter is only half of the station, and usually the simpler half at that. What about homebuilt receivers? I'd say by far the most popular receiver to build is a simple FM monitoring receiver. It is only one chip today, and can be assembled in an evening, yet it offers remarkably good performance (and you can build a matching one chip FM transmitter to go with it). Even a simple DC CW receiver is usually considerably more time consuming to build, and performance can be poor because of oscillator stability problems, no single signal filtering, and the hum pickup problem. The DC receiver works as well (or as poorly) for SSB or RTTY as it does for CW too (much the same can be said of superhets, depending on the filter chosen).

I don't have much info on sales figures of QRP CW kits, though I suspect most of them sell in the hundreds, not the thousands, and I'm fairly confident the total is below that for the FM units mentioned. Quadrature and SSB kit sales (other than Heathkit) probably lag the CW kits because they are a bit more complex and specialized (but not very much, most of the complexity is in the receivers, and for good performance the CW receiver can't be much simpler than the others).

I've only addressed radios, but if we look at other parts of the station suitable for home construction, we see a lot of activity. TAPR says their TNC kit sales exceeded 20,000, and GLB sold a bunch of their kits too. If we were to include Baycom or Hamcom style modems, the numbers would be huge, but I'll ignore them as too simple to fit this category.

And of course there are amplifiers, antenna tuners, and antennas. They aren't respectors of mode, but many many amateurs build them. Now neither of the latter are rocket science, but it does take a wee bit of skill to get all but the simplest working right. Linear amplifiers are one of the most popular home contruction projects, and one of the most common homebrewed items seen for sale at hamfests. They can be challenging to do properly.

I think you see CW transmitters as the most common because that's all you do, so your vision is a bit myopic on the subject of home constructed equipment (or you may be insisting on a purist definition of homebrew which doesn't admit anything but an original design by the home constructor). If you were active on other modes, you might find that there is quite a bit of building going on for them as well. Probably only at microwave, and for ATV, is homebrew the majority course, but it is alive and well on most of the other modes, not just among CW operators.

For beginners, I think FM offers the best point of entry. The systems are simple (considering both transmitter and receiver), stability is less of a concern, performance can be quite good thanks to the common availability of high integration parts, and the only encoding you need to understand to use them is ordinary speech. There's also the factor that RF gets easier to do as you go up in frequency to where you can use simple striplines printed on circuit board, IE the "no tune" designs, and where you can use unconditionally stable MMIC amplifiers, and where high gain antennas are small and practical to build and install.

Gary
--
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Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2723. Re: Festering wound ! (0/1)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: Gary Watts <gwatts@qni.com>
Message-ID: <Pine.GSO.3.95.960910113744.20878G-100000@qni.com>
Source record: 217105

Pat,
I now know why I can NOT read any of the map's
I wonder if Rand Mcnally checks up on their consultants
Maybe I should forward this public message to them for proper review ?

I could not find the attachment. Looks like Mathpew forgot to attach it
Gary

On 10 Sep 1996, Pat Wilson wrote:

> Let's see. If YOU'RE and YOU'RE. A positive note for you. Read the
> sentence and ask should it be YOU ARE, then you know to use YOU'RE not YOUR
> the possessive version. I'm positive you needed that lesson.
>
> kk5dr@io.com wrote in article <512c3b$11r@nntp-1.io.com>...
> > Don't bother E-mailing me any of your "negitive responses" to this post.
> Anything like that would be illogical,
> > and selfincriminatting.
> > IF YOUR NOT PART OF THE SOLUTION, YOUR PART OF THE PROBLEM !
> >
> > Matthew A. Erickson
> > Paige,TX. (consult Rand Mcnally)
> > INTERNET ADDRESS; kk5dr@io.com
> >
> > "EVERYONE, is entitled to their OWN, opinion, BUT, that does not mean I'm
>
> > REQUIRED, to listen to it !"
> >
>
>
.

.

2724. Re: The final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <514748$l7p@lehi.kuentos.guam.net>
Source record: 217106
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Phil Karn <karn@qualcomm.com> wrote:

>Burt Fisher wrote:
>>
>> WHAT IS C W

>What follows is, of course, largely nonsense.
>>
>> * It is a unique,intimate,concise and effective communications skill still
>> employed throughout the world.

>It may be unique and intimate, but it's hardly concise or effective
>compared to more modern digital communication methods.

>>
>> * It is the most efficient mode in terms of power required for long-
>> distance communication ,least susecptible to interference,and conserving of
>> the radio frequency spectrum

>This is demonstrably false on all counts.

>Sanity check: if CW is so power-efficient, why doesn't NASA use it in
>deep-space probes? If it's least susceptible to interference, why
>doesn't the military use it in jamming environments? And if it's so
>conserving of radio spectrum, why don't the commercial carriers
>use it, given the billions they spend on spectrum auctions?

>>
>> * It involves no accent or pronunciation problems,therefore providing a
>> widely understood international language.

>Morse is a character set, just like ASCII. Are you saying that two
>people who have no natural language in common can carry on a full
>conversation by just switching to Morse code? Standardized overhead
>(signal reports, etc) do not count as "full conversation".

>To the extent that Morse overcomes accent or pronunciation problems,
>the same can be said for email and similiar forms of modern digital
>communications. Of course, you still need to have a natural language
>in common, at least until automatic machine translation arrives.

>>
>> * It employs simpler,more reliable and easily maintained equipment than any
>> other communications mode.

>Hardware simplicity is now essentially irrelevant given reliable,
>modern digital electronics and very large scale integration.

>>
>> * It is an equalizer,negating age,speech impediments and dialectical
>> differences;it provides for ready acceptance of youngsters in an adult
>> enviornment.

>Assuming, of course, those youngsters know the code -- which few do.
>If you wanted to give more than lip service to bringing kids into
>ham radio, you'd admit that many more kids can type and read than
>send and receive Morse. Not only that, but typing and reading are
>clearly going to be more important in the world they're going to
>inherit than Morse will be.

>>
>> * It is the ONLY radio communications mode that is understood readily by
>> both man and machine.

>What does "understood" mean? Can a machine truly "understand" a Morse
>conversation that goes beyond standardized overhead? Isn't the
>ultimate purpose of most communication systems human-to-human
>conversation? And can a human understand Morse-modulated RF directly,
>i.e., without a receiver? Your statement is at best meaningless;
>at worst plain wrong.

>Phil, KA9Q

Where have we heard all this B4 ?

2725. Re: RSGB and other groups

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: bry@mnsinc.com
Message-ID: <51471e$o15@news1.mnsinc.com>
Source record: 217107
Cross-posted to: uk.radio.amateur,rec.radio.amateur.policy,rec.radio.amateur.misc

Geoff - do you know if there is a Website address for RSGB?

How about any of the U.K. Radio publications???

E-mail if you don't mind please! -

Brian Carling, G3XLQ / AF4K

Geoff Brown <equinox@itl.net> whistled a happy tune like:

|I am surprised at your comments about the RSGB, however, I see that you
|haven't been licensed very long so you will not have seen all the past
|work the RSGB has done.
|Over the 25 years that I have been a member I must say that things have
|changed (for the better).
|A great deal of work has been put in to extending many of the licensing
|regulations.
|I think if you had have been round many years ago that you would
|understand what I mean.
|BTW. I don't mean the RSGB is squeaky clean, they may well have to revise
|certain things in the future to maintain membership.
|Geoff GJ4ICD

Brian Carling, AF4K / G3XLQ
bry@mnsinc.com
http://www.mnsinc.com/bry = MEGALIST + HOCKEY + HAM RADIO = Bry's Page!

2726. Can old PK-232 (no MBX and 1988 firmware) be upgraded

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: arisk@hamster.business.uwo.ca
Message-ID: <512jvh$2c4@falcon.ccs.uwo.ca>
Source record: 217108
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc

I have an older model pk-232. Does anyone have any information on bringing it
up to date or even if it is possible.

--

Allan Risk Internet: arisk@hamster.ivey.uwo.ca
London, Ontario, Canada Amateur Radio: VE3RSK

2727. Re: WTB or locate: Wen soldering gun tips

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <514991$lvg@lehi.kuentos.guam.net>
Source record: 217109
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Walter Lamia <lamia@fc.hp.com> wrote:

>I am looking for replacement tips for a Wen soldering gun. I believe
>the company went out of business some time ago, but I still have a unit
>that was my father's, and is probably 30 years old. It still works, but
>the tip finally broke.

>I know it's a long shot, but maybe some oldtimers (no offense) on this
>group might be able to give me a lead
>--
>Best regards,
>----
>Walter Lamia Software Quality Consultant Hewlett-Packard Company
>lamia@fc.hp.com 970-229-7410 3404 E. Harmony Rd - MS 65
>KB0YAA fax 229-4556 Ft. Collins, CO 80525 USA

Walter,
Lead won't work. Too soft. Try a piece of #10 copper wire. Works for us. We
don't have hardware stores...

73, Jim KH2D

2728. Re: WA State Patrol controlling your radios

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: "Ed Mitchell (MS)" <edmitch@microsoft.com>
Message-ID: <01bb9f3e$fa8db400$3e6d379d@edmitch>
Source record: 217110
Cross-posted to: rec.radio.scanner,wa.general,rec.radio.amateur.misc

Wayne <wsmith@ezylynk.com.au> wrote in article
<842327907.296169@hera.starwon.com.au>...
> This newsgroup is for Western Australia, not WAshington state. You
> won't get much response from here.
>
> In article <DxDwp1.BqF@eskimo.com>, kc7iay@ibm.net (Bruce Miller) says:
> >
> >The Washington State Patrol has proposed the adoption of a
> >Washington Administrative Code regarding wireless communications
> >systems used by motorists (not necessarily attached to vehicles).

Actually, several of the groups are a world-wide forum (but we agree that wa.general is probably not us!). Unfortunately there is no Washington (WA) State specific online forum. And worse the stupid newreader I'm using doesn't appear to allow me to delete wa.general from this reply. Sorry about that.

At least its posting on the global rec.radio.amateur.misc has been of value because I live in WA state also and would not otherwise have known about this issue. Now, let's not spend lots of time arguing amongst ourselves - that rarely accomplishes anything - I've already written to the State Patrol and my elected representatives on this. I'm also posting comments on our internal company ham radio group forum where perhaps 200 more hams in WA (the U.S. one) will hear about this poorly worded proposal.

Ed, KF7VY
work: edmitch@microsoft.com
personal: vbook@vbook.com
"The opinions expressed are my own and do not necessarily reflect those of my employer."

2729. HAM*INFO*LINK*SOURCE*BBS

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: kb6axk@ix.netcom.com
Message-ID: <514aid$rvf@dfw-ixnews2.ix.netcom.com>
Source record: 217111

HELLO FELLOW HAMS:and FUTURE HAMS !!!!!!!

HAM BBS dedicated to amateur radio !!!!

There is a DEVOTED AMATEUR RADIO BBS in town ,from your
ARRL/LAX affiliated club coordinator , JOE CIRA , KB6AXK ....
Everything and anything about AMATEUR RADIO will be found here,
IF NOT ? Let me know and we will post it and file it !!!!!!!!

HAM*INFO*LINK*SOURCE BBS at 1-818-584-1952....
24 hrs,8-n-1,anyspeed.......
running 486/66 with 2.1 gig of space !!!
qsl route database,clubs,newsletters,bulletins,shareware,utility
mods,programs,test ques,lists,software and much more....
VEC/VE exam & class list for all So.Cal.
sample exam tests and answers for all class's..
ARRL mirror of all there files !
Using Wildcat v4.11 software..
easy to log in and no FEE's it's FREE !
6,000 FILES IN 119 FILE AREA'S..so far !

latest list of AMATEUR RADIO WEB SITES & PAGES
now 2,405 websites & pages !!!!!!!!!
and GROWING FAST ?!?!!

P.S. also available on the web at:

http://www.padl.ac.at/schule/chemie/bob.htm
look for web-sites by KB6AXK on the page........

FYI:there are roughly ,over 33,000 pages,just pages,
that relate to amateur radio/ham radio on the web ???????
My list is primarlly websites.............

73's & 88's de kb6axk,joe cira,ARRL/LAX/ACC.
INTERNET E-MAIL ADDRESS:> kb6axk@ix.netcom.com
/EX
S

2730. Re: New Technology (was: Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep10.165219.3295@ke4zv.atl.ga.us>
Source record: 217112

In article <511ftf$qr1@mgate.arrl.org> Ed Hare <ehare@arrl.org> writes:
>Content-Transfer-Encoding: 7bit
>X-Mailer: Mozilla 1.2N (Windows; I; 16bit)
>
>carl@ais.net wrote:
>
>>Of the above, the ONLY one that serves ANY continuing purpose from the
>>prospective of meeting our regulatory raison d'etre is "build and modify
>>radios". The development of moonbounce and meteor scatter techniques
>>was forward-reaching stuff ... in the 1950's ... other services have
>>made use of, and advanced the state of the art in, those modes FAR
>>beyond the stagnant "novelty" use hams have made of them.
>
>Hams will probably not *directly* produce major new technological
>advances, but this is not due to anything inherent in the service; it is
>primarily because modern technical R&D usually requires more capability
>than the typical ham station. However, don't discount AR yet; hams have
>long been noted for taking expensive technology and finding ways to make
>it cheap. (We first did this with spark, I believe, making low-power
>spart transmitters from old Model-T coils.) And, many of the engineers
>who *are* working on state-of-the-art technology are engineers first and
>hams second. In many cases (mine in particular), their career in
>electronics grew from their ham radio experiences. I suspect that the
>engineers who are also active hams have learned from their experiences
>with Amateur Radio.

Correct me if I'm wrong, but I think the last significant novel
hardware concept originated by a ham was the parametric amplifier
invented by the late Sam Harris. And the last major amateur
contribution to device physics was probably sometime back in
the 1920s or earlier. (I mean here that the contribution was
done by an amateur as an amateur, and not by a professional
working as a professional who happened to also be an amateur.)
Despite the proliferation of device numbers, there are really
very few novel devices used in electronics, so it isn't too
surprising that amateurs haven't invented most of them.

Amateurs didn't invent the transistor or the IC, but amateurs
have found clever and economical ways to employ them for radio
use over the years, even those devices whose professional designers
never even considered them as suitable for RF. But even here, a really
new circuit topology is rare, among amateurs and professionals alike.
Most of this ground has been plowed, or would be obvious to someone

skilled in the art if they thought of using those particular devices
for that particular purpose.

Most ideas seem obvious once someone has thought of them, however,
so this is a tricky area. Amateurs can bring a different perspective
to design than a professional must use. That often leads to trying
the unthinkable, such as using a LED as a microwave detector diode.
The professional might never even consider that, but hams tried it,
and it works (after a fashion). It might not fit some optimum, but
if it gets a particular job done, and is cheap, it meets a needed
goal.

I think most of the advances by amateurs in recent years have not
been in the realm of hardware, however. I believe most of the novel
developments have been in terms of protocols, software, and firmware
used to drive fairly conventional hardware. Striking examples of
this are Karn and Beezley's separate efforts to adapt an ordinary
sound card equipped PC for DSP use on weak radio signals.

>>Some of them are actually VERY dangerous and detrimental to the future
>>of ham radio ... the worst being "We think of radio as a hobby." This
>>has been carried so far that there's no sense of responsibility to the
>>real reasons for the existence of the Amateur Radio Service ... public
>>service and experimentation with and development of technology.
>
>I presume you are not speaking for the hams that are actually doing these
>things. While (sadly) they are not 100% of hams, the folks who are
>active in public service and experimentation are quite significant,
>indeed.

Yes indeed, but the number with the "just a hobby" attitude is depressingly
large. That's expressed in many ways, but I was struck in particular by a
statement made here recently in response to a query asking if the amateur
were a student. He answered, "I don't have to be a student, I already have
my Extra." Isn't that sad?

If we are to fullfill the service's charter, we must all be lifelong
students in this learning laboratory called amateur radio. The sort of
attitude expressed by the amateur quoted above is one of the reasons
I find that hellspawn of the ARRL, "Incentive" Licensing, such a bad idea.
It implies to too many that learning can stop when the highest class is
reached. It would be better if there were no finite cap on what an amateur
is expected to learn. By that I mean it would be better if there were one
clearly labeled entrance exam, sufficient to determine the person was
capable of working in the amateur radio laboratory environment without
causing undue harm, and not something which could be mistaken for a
graduation certificate. The only form the later should be allowed to
take would be the form issued by the coroner.

>>So sad ... ham radio is so desparately in need of a vision of BETTER
>>ways, but it insists on clinging to OLD ways ...
>

>Over the past 10 years, I have seen significant evolution of the ways
>hams communicate. Modes like packet, once a "novelty" are now mainstream
>Amateur Radio, to cite but one example. Perhaps you and I are exposed to
>different parts of Amateur Radio, but although we are not abandoning the
>"old" ways, that is not precluding us (as a service) from making good and
>proper use of new ways.

We have made significant strides, but we are being held back in a number
of ways by some of those clinging to old ways. Because the service is
"just a hobby" to them, and their hobby interest is preserving old ways,
they have too often raised objections and obstacles in the way of those
trying to advance the art and bring the service more actively into modern
technical relevance. We see that in resistance to calls to modernize
the licensing exams, in resistance to permitting new modes on the bands,
IE relaxing the SS rules and loosening the straitjacket on HF digital,
as well as in resistance to modernizing their own skills.

The ARRL has been on both sides of this issue, but more often on
the side of fighting against modernization rather than pushing
aggressively for modernization. That's understandable considering
the ARRL's makeup and "old guard" constituency, but it doesn't make
it any less depressing. It would be refreshing if the self-proclaimed
leader of amateur radio would show a bit more vision and leadership.
It would be refreshing if the ARRL were less concerned with radio
museums and more interested in the 21st century. (As indicator of
that latter charge, look at the resources allocated to establish
Newington's museum versus those allocated to the recently disbanded
Digital Committee.)

A service that is still seriously debating Morse Code requirements
can't be taken seriously as a service relevant to today and tommorrow.
At best it can be viewed as a service whose eyes are fixed firmly to
the rear in an attempt to preserve history in a living museum. It can
better be viewed as a service bent on self-destruction by trying to
maintain the "old boy's club" initiation rites at the cost of the
future of the service.

Note, there is nothing wrong with museums. They can be useful to
illustrate where we've been and how far we've come. But being
required to become an *exhibit* in a museum in order to practice
amateur radio is a different thing altogether.

Gary
--
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Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2731. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep10.170547.3402@ke4zv.atl.ga.us>
Source record: 217113
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <511jmq$8bl@play.cs.columbia.edu> jbaltz@news.cs.columbia.edu (Jerry B. Altzman) writes:
>In article <32341DE1.71B4@contesting.com>, VK1WI <VK1FF@contesting.com> wrote:
>>If the decision to drop the CW requirement is made, I hope it's coupled
>>with specific freq ranges set aside for CW only so we can continue
>>enjoying the part of the hobby we most enjoy - INTERFERENCE FREE.
>
>Why should CW get such special treatment? You don't have
>"interference-free" zones *now*. Just because those who like OOK Morse are
>placated into accepting those on HF without code tests under their belts?

It's called politics, Jerry. Good politics is the art of finding a compromise (grudgingly) acceptable to all sides.

>>And IMHO that does not include sharing space with the current digital
>>modes like PACTOR, SITOR, RTTY, etc.
>
>Why not? Can't you just use a narrower filter and tune out all that
>"noise"?

Don't be mean, Jerry. Jim isn't one of the wooden heads who still claim "CW gets through when nothing else can". He knows better than that.

>Why should one mode get "protection" it isn't afforded now?

Because it *needs* it. As machine digital grows, as it is, and as it will to a much larger extent if the changes we want are enacted, it is going to become increasingly hard for Morse users to compete. Just as we set up "Dx Windows" to allow distant stations a chance to function without being drowned by the high power locals grousing to each other about their lumbago, we need to setup a "CW Window" where those who still want to use CW can do so. Banning the use of CW would be wrong, and that's what we would be doing defacto if we don't set aside a place for it to be used in relative peace and quiet.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2732. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep10.173207.3545@ke4zv.atl.ga.us>
Source record: 217114

In article <511s5q$nc1@tekadm1.cse.tek.com> johnh@mdhost.cse.tek.com writes:
>In article <50nvqg$p18@news.ais.net> carl@ais.net replies to adell@planet.net
>>
>>That's exactly his point ... while there's more than one way to get to
>>the top of the mountain (old-fashioned climbing vs. modern helicopter)
>>skills in the first have NOTHING TO DO WITH qualifications for the
>>second.
>>
>>This is EXACTLY the situation we have with the CW test ... it has
>>NOTHING to do with operating other (modern) HF modes.
>>
>>Carl - wa6vse
>>crl@ais.net
>>
>If you fly your helicopter to the top of the mountain and crash, you
>may wish that you knew how to climb mountains.
>
>HF is world wide communication. I believe that CW was made a requirement
>for its use in emergencies, not because it prevented interference or
>limited the number of hams. I believe it still has a valid use in
>emergency situations.
>
>If my equipment is still operational in an emergency, CW will not be
>my mode of first choice. However, if the disaster crushes my equipment
>I hope there are HF operators that can copy my CW transmissions, because
>I may be able to build a CW transmitter from the rubble, but I would not
>try to build a computer, tnc and radio from the rubble.
>
>John K7SII

Lets *get real* here, John. Just how often has CW been used in situations like that in recent years? Despite repeated calls for references to such uses, none have been brought forth. The "if it saves one life" philosophy isn't a valid one if the cost of doing so outweighs the benefit. And that cost doesn't have to be an overwhelming burden on another to be too high. It can also be too high if the aggregate cost to many people sums to too high a price to be paid.

We make tradeoffs like that every day. We could save far more than one life by setting our highway speed limits to 5 MPH. We don't do it, however, because the aggregate cost to all of us in terms of transportation delays would be intolerable. In fact we have just gone the other way and raised the speed limits even though we know it will cost lives. The burden on the rest of us was judged too high a price to be paid to save those lives.

Or on a more abstract level, we could save at least one life if we required every citizen to learn CPR before they could vote. But that would be an intolerable cost to our democracy because it would place an irrelevent infringment on our fundamental right to voice our preferences in the functioning of our government.

If continuation of Morse speed testing is damaging to the future of the amateur service, as I am utterly convinced that it is, then we must weigh that cost against the possibility that universal Morse knowledge might "save one life". Judging by the speed limit issue, it'd have to save a hell of a lot more than one life to be justified. And there's no evidence that is the case. In fact the opposite argument can be made that denying those without Morse knowledge access to superior long distance radio communications techniques could cost lives. And we do have evidence for more modern methods being used for life safety purposes in recent years.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2733. Re: Key Input Specs?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep10.173602.3624@ke4zv.atl.ga.us>
Source record: 217115
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

In article <01bb9e8e$8ea8ea80$060801c1@eng06.digalogsys.com> "Rick Miller"
<rdmiller@execpc.com> writes:
>Can someone tell me what open-circuit voltage and closed-circuit current
>the device attatched to the "key" input of a rig is supposed to be able to
>handle? If 5 Volts and 25 mA is sufficient, I'll be a happy camper!

That depends entirely on the rig. Some can be keyed with TTL levels
and currents, others have open circuit voltages of -150 volts or more,
or key down currents of an ampere or greater. One size does not fit
all. Most modern Japanese radios will work with TTL levels, but consult
the documentation of the particular radio before trying that.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2734. Re: Beat the pile-ups>>Cyberscheds now Available @ sarrio.com

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep10.175508.3859@ke4zv.atl.ga.us>
Source record: 217116

In article <wb6siv-0909961944110001@host04.cyberg8t.com> Re: Beat the pile-ups>>Cyberscheds now Available @ sarrio.com writes:
>Well it looks like my cyberpost program has caused a bit of a stir. Below
>are a few questions that anyone of for you may answer.
>
>Should the EME/UHF/Microwave/ distance records have an * next to the
>record if their schedules were set up by any means other than through an
>RF contact?

Yes.

>Should DX expeditions be barred from advertising what their operating
>band, frequency, and mode is going to be in ham radio magazines?

Yes.

>If these DX expeditions are so adverised, should the countacts not count
>for a DXCC?

Yes.

>Pretty silly isn't it---I hope you get the point.

Dxing is pretty silly. But it is a *radio* game, to be played over
the *radio*, not over the telephone or over the internet or in
magazine advertisements.

>It is often difficult for us to accept paradeim shifts. The use of the
>internet to set up contacts for ham awards programs is such a shift.

That's "paradigm".

>The internet is not going away, and if we are going to bring new hams into
>the hobby (remember the LEO's are knocking at our door), we better find a
>way to bring more young people into it. Cybersheds blend the fast growing
>internet with ham radio, in an effort to take the best of both
>communication modes and use it for improved world wide communication. This
>just might challenge some of our young computer brethren to try out ham
>radio. After all, with a cybersched, they will not need a KW + and a beam
>up 100 ft. on 20 meters to get through the stateside QRM. Maybe that will
>be appealing to new hams!
>
>New paradiems are always hard to accept, but finding a way to combine the
>internet with ham radio might be a necessary step if our hobby is going to
>survive as we move into the 21st century. 73's Ray

OTOH the contrast between the two communications systems might not be
beneficial to amateur radio gaming.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2735. Re: Can old PK-232 (no MBX and 1988 firmware) be upgraded

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: gsanial@freenet.edmonton.ab.ca
Message-ID: <514cn4$gmg@news.sas.ab.ca>
Source record: 217117
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc

Allan Risk (arisk@hamster.business.uwo.ca) wrote:

: I have an older model pk-232. Does anyone have any information on
: bringing it up to date or even if it is possible.
: --

Allan,

I also have a 1988 PK-232 which I first upgraded to an MBX in 1991 and this year I bought the latest upgrade which includes PACTOR and GPS functions.

It should cost you about $ US 75+tax.

Hope this helps,

Gilbert VE6GES.

--
gsanial@freenet.edmonton.ab.ca

2736. BARC- Univ. Of GA Radio Club

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: jbarnes@netcom.com
Message-ID: <jbarnesDxJ70E.39q@netcom.com>
Source record: 217118

Hello,

Our radio club is actively seeking students at the University of Georgia
who are licensed hams or nonlicensed people interested in becoming hams.
If you are in the area and would like more information on our club please
email me at jbarnes@netcom.com Make sure your response is in email and
NOT in the newsgroups.

Thanks,

Joe Barnes, KE4SWE
BARC

2737. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: w9sz@prairienet.org
Message-ID: <514e14$c4r@vixen.cso.uiuc.edu>
Source record: 217119

>>If my equipment is still operational in an emergency, CW will not be
>>my mode of first choice. However, if the disaster crushes my equipment
>>I hope there are HF operators that can copy my CW transmissions, because
>>I may be able to build a CW transmitter from the rubble, but I would not
>>try to build a computer, tnc and radio from the rubble.
>>
>>John K7SII
>
>Lets *get real* here, John. Just how often has CW been used in situations
>like that in recent years? Despite repeated calls for references to such
>uses, none have been brought forth. The "if it saves one life" philosophy
>isn't a valid one if the cost of doing so outweighs the benefit. And that
>cost doesn't have to be an overwhelming burden on another to be too high.
>It can also be too high if the aggregate cost to many people sums to too
>high a price to be paid.
>
[snip]
>
>Gary

What was probably THE major DXpedition of the decade, 3Y0PI (Peter I Island)
had their digital equipment smashed in transit to "the most inaccesible
place in the world". (See page 82 of the 3Y0PI book.)

They carried on with 60,000 QSOs on CW and SSB. By the time they got the
digital mode equipment going, they were only able to make about 1200 QSO's.

73, Zack W9SZ
--

2738. Info on Radio Beacons ...

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: deepak+@CS.CMU.EDU
Message-ID: <514gm5$agq@casaba.srv.cs.cmu.edu>
Source record: 217120
Cross-posted to: rec.radio.amateur.misc,rec.aviation.military,rec.aviation.misc

Hi,

We are doing a lunar rover demonstration project for NASA where we are trying
to demonstrate some robotic technologies needed for long distane/long
duration lunar missions. For this project we need to point an antenna
from a "moving" robot towards an antenna on a control tower located
about 10 miles away (line-of-sight). We need to close the feedback loop
to make sure we are pointing in the right direction. The radio which
we are planning to use (probably Airlink E1 radio from cylink) doesn't
give us receive signal strength and we need other ways to find out the
pointing error. Vision based techniques do not seem appropriate for
such long range. Radio beacons are extensively used for airplanes etc.
and seem appropriate. Any information on radio beacons or suggestions
on other ways to close the feedback loop would be greatly appreciated.

Thanks a lot

Deepak

PS: I AM NOT A REGULAR BBOARD READER AAND WOULD APPRECIATE IF YOU SEND EMAILS IN RESPONSE.
--
|---|
Deepak Bapna	Phone:
Field Robotics Center	(412) 441-0984 (Res.)
Carnegie Mellon University	(412) 268-7414 (Work)
Pittsburgh, PA 15213	(412) 268-5895 (Fax)
Email: deepak@ri.cmu.edu

2739. U.S. Navy CW Call Signs

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: mikelb@ix.netcom.com
Message-ID: <514es0$bup@dfw-ixnews7.ix.netcom.com>
Source record: 217121

Does anyone have a source for this info ? Mike KF6FLQ

2740. Re: Can old PK-232 (no MBX and 1988 firmware) be upgraded

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: jdreed@atl.mindspring.com
Message-ID: <5141p5$uub@camel0.mindspring.com>
Source record: 217122
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc

arisk@hamster.business.uwo.ca (Allan Risk) wrote:

>I have an older model pk-232. Does anyone have any information on bringing it
>up to date or even if it is possible.

Upgrades can be ordered from AEA,
The upgrade will include a daughter board and
assorted ROM's.

Joe - K7CJ

2741. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep10.174457.3770@ke4zv.atl.ga.us>
Source record: 217123

In article <512dpc$89t@news.ais.net> carl@ais.net writes:
>In <1996Sep9.124553.12824@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>
>>For once, Michael is correct. About 15% of current higher class
>>licensees started out as code test free Techs while about 18% of
>>current amateurs have remained code test free Techs. So about 45%
>>of Techs are upgrading.
>>
>>Now since it is obvious that 82% of amateurs are *not* on HF,
>>though they are licensed to be there, many of those upgrading
>>must be doing so for other reasons than gaining access to HF.
>
>Gary,
>
>I must have missed something ... I don't see how you start out with 15%
>of current higher class licensees having started out as no-code techs,
>and 18% remained that way, so 45% of techs are upgrading. Then you say
>82% of amateurs are *not* on HF ...
>
>Sorry, but I don't see how the numbers make sense ... maybe I'm misssing
>something in the presentation????
>
>Please clarify this and set me straight on what you mean.

Ok. Out of the total US amateur population, 33% entered by the
code test free Tech route, IE after 1991. This is the large
growth spurt fostered by the new license class. Now 45% of
that group, or 15% of total licensees, have upgraded to a
higher class license. 55% of that group, or 18% of current
licensees, remain as Techs. Finally, if 18% of current amateurs
are code free, then 82% must be coded, and thus have access
to HF. But because the HF bands are obviously not that crowded,
they aren't all exercising that privilege for whatever reason.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2742. Re: ARRL and the little LEO grab

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: "F. Kevin Feeney" <fkf1@cornell.edu>
Message-ID: <514mad$had@newsstand.cit.cornell.edu>
Source record: 217124
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <32354001.424B@voicenet.com> , agray@voicenet.com writes:
>Another mindless comment: ..."I doubt the lawyers could understand the
>issues [even] if they were explained to them".
>
>Some of you so-called "technical" guys are really bigoted and narrow
>minded. Guess only a select few, you among them, are capable of
>understanding these "complex" issues, right Gary?

Hey, if they talk like they're clueless, and make decisions like they're
clueless, we assume them to *be* clueless. There's always exceptions.
Just not enough of them. :-(

Kevin, WB2EMS

2743. Re: query on repeaters ***WARNING***

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <514ju4$3ro@anomaly.ideamation.com>
Source record: 217125

In article <Pine.SUN.3.91.960910000708.23583C-100000@soran>,
Jed Barton <jbarton@ici.net> wrote:

>Hey there guys, is anyone familiar on how to hookup an s-com controler to
>an icom repeater? The controler that comes with the machine is garbage
>and I am planning on using an s-com controler. Any help would be
>appreciated. Thanks and 73 from n1jbc.

WARNING!

DO NOT PROVIDE THIS INDIVIDUAL WITH ANY TECHNICAL INFORMATION ON THE
OPERATION OF AMATEUR RADIO REPEATERS.

He is a known (translated: caught red-handed) jammer in the Southeastern
New England area. Any information you provide him *WILL* be used to jam
and attempt to hack into existing repeater systems in the Southeastern
New England Area.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

2744. Re: Info on Radio Beacons ...

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: rickydik@ix.netcom.com
Message-ID: <514rmp$85j@sjx-ixn6.ix.netcom.com>
Source record: 217126
Cross-posted to: rec.radio.amateur.misc,rec.aviation.military,rec.aviation.misc

In <514gm5$agq@casaba.srv.cs.cmu.edu> deepak+@CS.CMU.EDU (Deepak Bapna) writes:

>We are doing a lunar rover demonstration project for NASA where we are trying
>to demonstrate some robotic technologies needed for long distane/long
>duration lunar missions. For this project we need to point an antenna
>from a "moving" robot towards an antenna on a control tower located
>about 10 miles away (line-of-sight). We need to close the feedback loop
>to make sure we are pointing in the right direction. The radio which
>we are planning to use (probably Airlink E1 radio from cylink) doesn't
>give us receive signal strength and we need other ways to find out the
>pointing error. Vision based techniques do not seem appropriate for
>such long range. Radio beacons are extensively used for airplanes etc.
>and seem appropriate. Any information on radio beacons or suggestions
>on other ways to close the feedback loop would be greatly appreciated.
>
>Thanks a lot
>
>Deepak
>
>PS: I AM NOT A REGULAR BBOARD READER AAND WOULD APPRECIATE IF YOU SEND EMAILS IN RESPONSE.

You're the one getting paid. You figure it out.
RD

>--
>|---|
>| Deepak Bapna | Phone: |
>| Field Robotics Center | (412) 441-0984 (Res.) |
>| Carnegie Mellon University | (412) 268-7414 (Work) |
>| Pittsburgh, PA 15213 | (412) 268-5895 (Fax) |
>| Email: deepak@ri.cmu.edu |
>|---|

2745. Re: keyer with single chip micro?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: jdc@cci.com
Message-ID: <DxJBE8.A46@sunsrvr6.cci.com>
Source record: 217127

There's already a memory keyer kit that uses the PIC. It's called
the "Atomic Keyer". I can get an email address if you're interested.

73..Jim N2VNO

>emarch@eagle.ais.net (Edward J. March Jr.) wrote:
>
> I thought about building a simple Morse Code keyer with
> the PIC (Parallax & Micrchip) 16C71 series
> has there been any recent articles on this ?? in the ham mags??
> two POTS - Speed & Pitch into the A/D Inputs
> 3 TTL Inputs -- Dash Paddle, Dot Paddle, & Straight Key
> two outputs - Key rig - Open collector and speaker driver.
>
> perhaps another push button input for record to use the
> memory as a CW buffer to memorize call signs ...
>
> the chips are about $7 each and two pots and a switch and
> paddles and a xtal is the cheapest most band for the buck
> keyer i know...
>
>
>
> Any feed back - email me too !! thanks -- Wb9raa Ed March
>
>
>
>
>
>--
> Best Regards,
> Ed

2746. Re: FYI: FCC Antenna Ruling

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: Curtis Wheeler <cwheeler@ccnet.com>
Message-ID: <3235FD53.489C@ccnet.com>
Source record: 217128
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

AC6V wrote:
[snip]
> A new FCC Ruling regarding TV antennas has created quite a stir in
> the Amateur Radio Community.

> The full 30 pages of FCC Ruling 96328 can be read, printed and
> downloaded from:

> http://www.fcc.gov/Bureaus/Cable/Orders/fcc96328.txt

> Hmm now lets see -- a log periodic from 50 Mhz to 1.2 Ghz covers the
> TV Broadcast Band --- Right???

hmmm... I suppose that if this LPDA could be built with no dimensions
exceeding one meter, it would fly under the new rule.... maybe.

73

Regards
--
Curtis
KD6ELA / GROL / PP-ASEL

2747. Re: Info on Radio Beacons ...

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: "Tom T." <TGT@akamail.com>
Message-ID: <3235FF23.3A7D@akamail.com>
Source record: 217129
Cross-posted to: rec.radio.amateur.misc,rec.aviation.military,rec.aviation.misc

RD Rick wrote:
> >
> >In <514gm5$agq@casaba.srv.cs.cmu.edu> deepak+@CS.CMU.EDU (Deepak Bapna)
> >writes:
> >
> >We are doing a lunar rover demonstration project for NASA where we are
> >trying

> You're the one getting paid. You figure it out.
> RD

Nice attitude. From the trone of his letter and the fact that he is
using
an EDU account, I suspect that he is probably a student and likely NOT
getting paid.

2748. Re: Festering wound II (0/1) (0/1)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: kk5dr@io.com
Message-ID: <514v3a$pdu@anarchy.io.com>
Source record: 217130

Matthew A. Erickson
Paige,TX. (consult Rand Mcnally)
INTERNET ADDRESS; kk5dr@io.com

"EVERYONE, is entitled to their OWN, opinion, BUT, that does not mean I'm REQUIRED, to listen to it !"

2749. Re: Festering wound II (0/1) [manners.txt] (1/1)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: kk5dr@io.com
Message-ID: <514v4a$pdu@anarchy.io.com>
Source record: 217131
Body handling: Inline uuencoded payload not displayed: MANNERS.TXT

```
[Inline uuencoded payload not displayed: MANNERS.TXT]
```

2750. IPS Daily Report - 10 September 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <514uji$3lu@flare.syd.ips.oz.au>
Source record: 217132
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 10/2330Z SEPTEMBER 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE AUSTRALIAN SPACE FORECAST CENTRE
SUMMARY FOR 10 SEPTEMBER AND FORECAST FOR 11 SEPTEMBER - 13 SEPTEMBER

1A. SOLAR SUMMARY
Activity: Very low

Flares: None

Observed 10.7 cm flux/Equivalent Sunspot Number : 68/2

GOES satellite data for 09 Sep
Daily Proton Fluence >1 MeV: 9.4E+05
Daily Proton Fluence >10 MeV: 1.7E+04
Daily Electron Fluence >2 MeV: 1.3E+07 (normal)
X-ray background: A1.0
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
11 Sep 12 Sep 13 Sep
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 11 Sep: 68/2

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Unsettled to active

Estimated Indices : A K Observed A Index 09 Sep
Learmonth 29 4555 4332
Fredericksburg 31 07
Planetary 29 08

Observed Kp for 09 Sep: 1212 2234

2B. MAGNETIC FORECAST
Date Ap Conditions
11 Sep 15 unsettled to active
12 Sep 10 unsettled to active
13 Sep 10 unsettled to active

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band

Date Low Middle High
10 Sep Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
11 Sep Normal Normal Normal
12 Sep Normal Normal Normal
13 Sep Normal Normal Normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
10 Sep 13

Observed Australian Regional MUFs:
Darwin: 15-30% depressed between 0400 - 0700 UT,
near predicted monthly values at other times.
Hobart, Sydney and Townsville: Near predicted monthly
values.

Predicted Monthly T index for September: 9

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
11 Sep 10 near predicted monthly values
12 Sep 10 near predicted monthly values
13 Sep 10 near predicted monthly values

--
IPS Radio and Space Services | email: asfc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/asfc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
tel: +61 2 94148300 | fax: +61 2 94148331

2751. Re: Hams <-??-> Pilots

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: midibu@hsv.mindspring.com
Message-ID: <5152s1$qhm@mule1.mindspring.com>
Source record: 217133
Cross-posted to: rec.aviation.homebuilt,rec.radio.amateur.misc

rst-engr@oro.net (Jim Weir) wrote:

>Hi, y'all --

>You'd think after twenty-five years in the airplane radio kit business I'd
>be the one to ANSWER this question instead of ask it. The question is very
>simple -- What percentage of active hams are active pilots, and what
>percentage of active pilots are active hams?

>At one time we did a VERY limited sampling, random names chosen from each
>group, and came up with about a 25% cross-breeding, going in both
>directions. That was why we started the company, away back in 1972 -- we
>figured that a quarter of the airplane drivers had some sort of technical
>skill and it has proven out over the last 25 or so years. That was back in
>the days of kerosene powered computers and ram measured in BYTES instead of
>megabytes. (You don't really think we chose the initials RST at random, do
>you?)

>Anyway, we're thinking about developing a product that uses the privileges
>of amateur radio but for aircraft use (and yes, we'll require a call sign
>and crosschecking to sell it). We're sort of guessing that the market has
>stayed about the same, but with the explosion of the Tech ranks, we think
>the numbers might have skewed upwards.

>Anybody got a good way of doing an SEWAG (instead of my rectorandom
>estimate) without the pain in the fanny of picking a thousand names at
>random and seeing how they cross-check into the other list? How about one
>step further, how many hams are airplane OWNERS?

>Jim
>Jim Weir VP Engineering | You bet your sweet patootie I speak for the
>RST Engineering | company. If I don't, ain't nobody gonna.
>Grass Valley CA 95945 |
>http://www.rst-engr.com | AR Adv WB6BHI--FCC 1st phone---Cessna 182A N73CQ
>jim@rst-engr.com | Commercial/CFI-Airplane/Glider-A&P-FAA Counselor

Hello Jim,

I read an article that you wrote back in '09. Actually it was
probably around 1976??? I honestly don't remember which magazine it
was in. I read all of the flying type magazines that I can get my
hands on.

What you said was something to the effect that you had develped an
audio-panel kit and you had some insight into the type of person who
would build a kit to put into their airplane. You went on to explain

that in your experience, a large percentage of pilots share at least 2 of 3 common interests. Airplanes, electronics, and photography. Some would have only 2 of the three, but when two people met who shared a common interest, invariably they would share one of the other two.

So, now, I must confess a grevious transgression. There have been numerous times since then that I have been confronted with the statement/question, "YOU FLY AIRPLANES!?" And, now, you must picture this as being in on of the following situations:

1. I'm a boy from Tennessee at the Sleepy Hollow Country Club outside of New York City.
2. I'm at the bosses Christmas party talking to his wife.
3. Standing at the water cooler on a new job with people that I've never worked with before.
4. Chewing the rag on ham radio.
5. Making discussion after dinner with a new girlfriend.

In each of the following, I've presented myself as being so profound as to have observed the common interest between flying, electronics, and photography. It always works. Well, sort of. For example:

1. The photographer was gay. In this enlightened age, that's OK, but remember, I'm a boy from Tennessee.
2. The boss's wife didn't know anything about any of the three.
3. Works every time. I'm an engineer by trade.
4. Ditto. There is no more perfect example of your theory!
5. We're married. Her brother is a full time professional pilot.

73

Mike Weller

2752. Re: Wiring new house...

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: griffin@jgfl1.allcon.com
Message-ID: <DxJAw6.22F@jgfl1.allcon.com>
Source record: 217134

Dean Cookson (cookson@linus.mitre.org) wrote:
> In article <1996Sep6.133501.12129@ke4zv.atl.ga.us>,
> Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
> >Also now is the time to install the phone system wiring the *right*
> >way. Don't daisy chain your phone wiring, star connect it back to a
> >central wiring closet (do the same with CATV wiring).

> Do the same with with some network cabling also. Or even better, put a
> patch panel in the basement, run a pair of conduits to each room and
> put junction boxes that are big enough to hold a coax out (for cable),
> a couple of RJ-11s (for phone) and a couple of RJ-45s for 10/100base-T
> ethernet.

The company I work for is about to move into another building, and we
are putting 24 shielded RJ-45s in _each_ room, usuable for 10/100base-T,
ATM, CDDI, ISDN, phone, fax, modem, serial connections, CCTV,...
The whole building will finally contain 10 miles of cat-5 with a huge
patch panel in the server room. I'll be able to connect any line
to any socket within a few minutes, including the documentation
update.
Initial costs are a bit higher, but we won't have to rewire anything
for _several_ years.

Have the electrician run separate mains to each room, with separate
fuses for each room. Make sure all connections and fuses are
labelled correctly! I already had some _scary_ experiences with
incorrectly labelled fuses.

Just my $.02,
Jens, DB9LL
--
Good drink, good meat,
Good God, let's eat
- Homer Simpson

2753. Festering wound II (0/1)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: kk5dr@io.com
Message-ID: <514uka$4hs@nntp-1.io.com>
Source record: 217135

This is the post that got cut-off, before the attachment was posted.

Matthew A. Erickson
Paige,TX. (consult Rand Mcnally)
INTERNET ADDRESS; kk5dr@io.com

"EVERYONE, is entitled to their OWN, opinion, BUT, that does not mean I'm
REQUIRED, to listen to it !"

2754. Festering wound II (0/1)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: kk5dr@io.com
Message-ID: <514uiv$4hs@nntp-1.io.com>
Source record: 217136

This is the post that got cut-off, before the attachment was posted.

Matthew A. Erickson
Paige,TX. (consult Rand Mcnally)
INTERNET ADDRESS; kk5dr@io.com

"EVERYONE, is entitled to their OWN, opinion, BUT, that does not mean I'm
REQUIRED, to listen to it !"

2755. BARC- UGA Radio Club needs Advice

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: jbarnes@netcom.com
Message-ID: <jbarnesDxJGCv.EDM@netcom.com>
Source record: 217137

Hello,

I am an officer in a recently revived radio club at the University of Georgia that I posted about earlier. I need some advice/suggestions from fellow hams.

Our school provides us with no monetary support at all. I would like suggestions from people reading this newsgroup on places that are willing to help student ham radio groups such as this one. We are not necessarily looking for money. I would like some names of places that may be willing to give us some used equipment as well. This equipment may include antennas, radios, repeaters, whatever we can get.

As of right now the club has a low power 2 meter repeater that is basically made of two radios and a homemade controller and as I said before we are operating on a practically non-existant budget since we receive no help from our school.

Any help/ideas from fellow hams will be appreciated.

Please direct all comments to my email at jbarnes@netcom.com because I can not be sure that I will see if it you post your reply here.

Thanks,

Joe Barnes, KE4SWE
BARC - Bulldog Amateur Radio Club

2756. Re: FYI: FCC Antenna Ruling

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: AC6V <AC6V@ix.netcom.com>
Message-ID: <3236183E.340@ix.netcom.com>
Source record: 217138
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Curtis Wheeler wrote:
>
> AC6V wrote:
> [snip]
> > A new FCC Ruling regarding TV antennas has created quite a stir in
> > the Amateur Radio Community.
>
> > The full 30 pages of FCC Ruling 96328 can be read, printed and
> > downloaded from:
>
> > http://www.fcc.gov/Bureaus/Cable/Orders/fcc96328.txt
>
> > Hmm now lets see -- a log periodic from 50 MHz to 1.2 GHz covers the
> > TV Broadcast Band --- Right???
>
> KD6ELA hmmm... I suppose that if this LPDA could be built with no dimensions
> exceeding one meter, it would fly under the new rule.... maybe.
>
> 73
> Regards
> Curtis
> KD6ELA / GROL / PP-ASEL

Howdy Curtis
Hmmm -- Ham Radio Newsline interpreted the attached as encompassing a TV
Yagi style antenna.

Judge for your self -- see 1.4000 Part a, sub 3, it sez

"(3) an antenna that is designed to receive television broadcast
signals,"

So as not to be out of context, later I'll include the pertinent quote.
I suppose the lawyers will have a ball with this one.

FYI: Create sells a LPDA covering 50-1300 MHz, boom is 5'9" longest
element is 9'10". Radio Shacks TV fringe biggie has a 190" boom. Hmmmm.

Anyway thanks for dropping in
73
Rod
CC&Red in San Diego

From fcc96328.txt
1.4000. Restrictions impairing reception of Television Broadcast

Signals, Direct Broadcast
Satellite Services or Multichannel Multipoint Distribution Services

(a) Any restriction, including but not limited to any state or local law or regulation, including zoning, land-use, or building regulation, or any private covenant, homeowners' association rule or similar restriction on property within the exclusive use or control of the antenna user where the user has a direct or indirect ownership interest in the property, that impairs the installation, maintenance, or use
of:

(1) an antenna that is designed to receive direct broadcast satellite service, including direct-to-home satellite services, that is one meter or less in diameter or is located in Alaska; or

(2) an antenna that is designed to receive video programming services via multipoint distribution services, including multichannel multipoint distribution services, instructional television fixed services, and local multipoint distribution services, and that is one meter or less in diameter or diagonal measurement; or

(3) an antenna that is designed to receive television broadcast signals,

is prohibited, to the extent it so impairs, subject to paragraph (b).
blah blah"

Our ARRL lawyer sez (3) leaves the door open for a TV Yagi antenna ala the RS Biggie or the Create CLP5130-1. Hmmmm
--
Hark for I have hurled my words to the far reaches of the earth!
What King of old could do thus??
..... AC6V

2757. Re: Hams <-??-> Pilots

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: rst-engr@oro.net
Message-ID: <5156ne$ujl@li.oro.net>
Source record: 217139
Cross-posted to: rec.aviation.homebuilt,rec.radio.amateur.misc

scott rider <scott_rider@ccm.hf.intel.com> shared these priceless pearls of wisdom:

->Jim,
->One data point for you
->Scott Rider CSEL/CFI N-6296L Grumman N-???? BD-5 in garage
-> KC7IQR General
->More of a pilot than a ham. scott_rider@ccm.hf.intel.com

And Scott, I appreciate that. I got a half a hundred nice letters from folks that enjoyed both hobby/professions, but I think my question was a little more general, in that I wanted to know, given two HUGE databases, probably not in the same format, was there a way of randomly selecting a few thousand in one database and seeing if there was a corresponding entry in the other database. Not necessarily for marketing per se to those specific individuals, but more like marketing statistical research on the population as a whole from a small sampling.

But nice to meet you and thanks for the response.

Jim

Jim Weir VP Engineering | You bet your sweet patootie I speak for the
RST Engineering | company. If I don't, ain't nobody gonna.
Grass Valley CA 95945 |
http://www.rst-engr.com | AR Adv WB6BHI--FCC 1st phone---Cessna 182A N73CQ
jim@rst-engr.com | Commercial/CFI-Airplane/Glider-A&P-FAA Counselor

2758. Re: Info on Radio Beacons ...

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: rst-engr@oro.net
Message-ID: <5156ng$ujl@li.oro.net>
Source record: 217140
Cross-posted to: rec.radio.amateur.misc,rec.aviation.military,rec.aviation.misc

"Tom T." <TGT@akamail.com> shared these priceless pearls of wisdom:

->RD Rick wrote:
->> >
->> >In <514gm5$agq@casaba.srv.cs.cmu.edu> deepak+@CS.CMU.EDU (Deepak
Bapna)
->> >writes:
->> >
->> >We are doing a lunar rover demonstration project for NASA where we are
->> >trying

->> You're the one getting paid. You figure it out.
->> RD

->Nice attitude. From the trone of his letter and the fact that he is
->using
->an EDU account, I suspect that he is probably a student and likely NOT
->getting paid.

Well, yes, but...(1) He spammed every newsgroup remotely interested, not
only the amateur groups at the beginning of this letter, but most of the
sci.electronic and a few of the others. (2) To be told that he doesn't
have the time to come back to all the groups he spammed and he wants
personal email when a lot of the rest of us might like to see the responses
is just plain selfish.

Sorry, I don't agree with the _tone_ of the first response, but the message
was probably pretty close to accurate.

Jim

Jim Weir VP Engineering | You bet your sweet patootie I speak for the
RST Engineering | company. If I don't, ain't nobody gonna.
Grass Valley CA 95945 |
http://www.rst-engr.com | AR Adv WB6BHI--FCC 1st phone---Cessna 182A N73CQ
jim@rst-engr.com | Commercial/CFI-Airplane/Glider-A&P-FAA Counselor

2759. Little LEOs explained in Sept 9 LA Times

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: jaminge@pb2esac.esac.pacbell.com
Message-ID: <514550$3pd@gw.PacBell.COM>
Source record: 217141
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Sorry I waited a day to post this. The September 9, 1996 LA Times
business section has a piece describing the "Little LEO" satellites
and comparing them to their predecessors, the "GEO" satellites.

-John Minger, AC6VV
<jaminge@pacbell.com>

2760. Re: re who enjoys cw

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: Carolyn S & James C Krogness <csjckrog@3-cities.com>
Message-ID: <3236285A.28D7@3-cities.com>
Source record: 217142

kcubilo@freeway.net wrote:
>
> come on guys get with it.one of the purposes of ham
> radio is to provide emergency communications now
> suppose we have a national emergency with very
> poor prop conditions are you guys on packet or the
> other digital modes going to get the message across?
> how about weak signal ssb condx i dont think so.
> cw is king under these condx. call me a old fart or
> one that resist changes if you want. but the trulth is
> cw is a requirement for a ham license and i hope it
> remains who needs another 11meter band type of
> situation?by the way i failed the cw test 3 times 26
> years for my novice but i now can copy 35 wpm plus
> with cw. it just took a little hard work and study. and
> while at it we should remove the answers to the
> question pools and just have text to study to get rid
> of the memory type exams,how many people do you
> know today that can homebrew a ssb xcvr or even
> repair their own radio's?old ham radio has been great
> to me i went on to become a commercial telegraph
> operator then a motorola service rep.
> we8w

WE8W,

Amateur radio is a hobby which we elect to do for enjoyment. Learning CW and the technical aspects are difficult. Those who learn the code and pass the written tests are rewarding for their efforts in a personal sense of accomplishment and more access to the amatuer spectrum. It is a good system and we should keep it. I have found that those things that I must labor for, I value more. I think that many others hold simular feelings. Since this is only a hobby, those that find the code difficult, should consider another hobby which will provide them satisfaction.

KJ7QX

2761. Western CT Hamfest This Sunday!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: KD1YV <jimkd1yv@ix.netcom.com>
Message-ID: <32360863.506B@ix.netcom.com>
Source record: 217143
Cross-posted to: rec.radio.amateur.misc,rec.radio.digital.misc

THE WESTERN CONNECTICUT HAMFEST
Sponsored by the Candlewood Amateur Radio Association

Just 14 miles from the NY/CT State line!

Sunday, Sept. 15, 1996 0900-1400
Edmond Town Hall Route 6, Newtown, CT
Tables inside Tailgating outside
ARRL Sanctioned Handicapped Access
Door Prizes Ample Parking
Gourmet Fare Rain or shine

Talk-in 147.12/.72 PL 141.3

General admission $4.00 at the door (what a deal!)

Tailgating $6.00, inside table reservations $10.00 each, (both
include 1 admission), mail to:
Candlewood Amateur Radio Association, PO BOX 3441, Danbury CT 06813

For more info, phone (203) 790 7041 or (203) 438 6782.

Hope to see you all there.
73 de KD1YV
Jim

2762. Re: What is good way to learn CW

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: Jim Reid <jreid@aloha.net>
Message-ID: <01bb9f42$63bfe940$4d070ccf@jim-reid-1>
Source record: 217144

Jeffrey Miller <jfmil@gate.net> wrote in article
<32351000.2540@gate.net>...
> Hi there,

> I am interested in getting a Ham License and can't seem to get CW down.

> Anybody have any suggestions as to a good program and or teaching tape
> or book for it??

Jeff, Get Gordon West's tape course; advertised every month in QST and CQ, maybe 73. His tapes are better than the ARRL. Since you have a computer, would also suggest either Code Master V or Morse Academy. However, these sort of assume you want to copy the material to the keyboard. CM V will also just sent stuff, and you can copy with pen/ pencil. Either tapes or these computer programs are probably better than copying ham QSO's on the bands. W1AW code practice transmissions may be of use to you.

Read my bit in the September CQ, in the Contest Column for several other ideas on learning to be a good CW operator. It is a lot of fun, and most guys/gals who learn it well come to really enjoy CW QSOing, DX'n and Contesting. Just listen to 20 meters during the daytime these days, first to SSB stuff then to the CW subbands. You will hear a remarkable difference in the intelligibility, readability of the two modes with QRN, etc under these poor prop conditions. You don't have to be able to read the CW signals to easily hear that there are more QSO's going on, and they are easy to hear; not so true in the SSB part of the band. At least those are the band conditions as heard out here in the Pacific these days.

73 and Good Luck on your CW practicing.

Jim, AH6NB

2763. Re: FS: All Ham Bands, Reply to Republican Congress

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: John Figliozzi <johnfig@earthlink.net>
Message-ID: <32362BF2.38B4@earthlink.net>
Source record: 217145
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.amateur.policy

rs@ham.island.net wrote:
>
> jxs2151@shore.intercom.net (Jeff Stevenson) writes:
>
> Look, you guys. This is an INTERNATIONAL newsgroup where the subject is
> supposed to be about Amateur Radio, not American politics.
>
> This discussion long ago ceased to be on topic.
>
> Please give the rest of the world some consideration and leave the
> discussion of American politics, fascinating as it may be to you, to
> other, more appropriate newsgroups.
>
> Thanks,
>
> Bob, VE7HS
>
> rs@ham.island.net Robert Smits, VE7HS, Ladysmith B.C.

To which I add, AMEN!

2764. Re: Info on Radio Beacons ...

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: "Tom T." <TGT@akamail.com>
Message-ID: <3236478A.17D2@akamail.com>
Source record: 217146
Cross-posted to: rec.radio.amateur.misc,rec.aviation.military,rec.aviation.misc

Jim Weir wrote:

> Well, yes, but...(1) He spammed every newsgroup remotely interested, not
> (2) To be told that he doesn't
> have the time to come back to all the groups he spammed and he wants

Ah, I wasn't aware that such was the case. I tend to agree in that case!

-Tom

2765. Re: Info on Radio Beacons ...

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: ronkelley@earthlink.net
Message-ID: <515fhl$hlr@argentina.earthlink.net>
Source record: 217147
Cross-posted to: rec.radio.amateur.misc,rec.aviation.military,rec.aviation.misc

rst-engr@oro.net (Jim Weir) wrote:

>Well, yes, but...(1) He spammed every newsgroup remotely interested, not
>only the amateur groups at the beginning of this letter, but most of the
>sci.electronic and a few of the others.
>Jim
>Jim Weir VP Engineering | You bet your sweet patootie I speak for the
>RST Engineering | company. If I don't, ain't nobody gonna.
>Grass Valley CA 95945 |
>http://www.rst-engr.com | AR Adv WB6BHI--FCC 1st phone---Cessna 182A N73CQ
>jim@rst-engr.com | Commercial/CFI-Airplane/Glider-A&P-FAA Counselor

Lighten up Jim, he sent the message to *three* newsgroups that would
normally be involved with his question. I hardly call that
"spamming".

My personal experience with students working on projects for NASA, is:
the school gets funded, but the students do not see *any* of the
money. The faculty gets all the credit when things work and the
students get all the blame when things go bad. Also the students
contribute nearly unlimited amounts of their own time and a lot of
their own money. So get off your high horse and cut this kid some
slack.

Ron Kelley
NIBT

2766. Re: Keep CW Requirement?...on radio show!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: T E I X E I R A <teixeira@ccnet.com>
Message-ID: <51485v$4v8@ccnet2.ccnet.com>
Source record: 217148

>Carl Stevenson, WA6VSE, a frequent poster on the newsgroups, and a
>supporter of getting rid of the CW requirement, not to mention many
>other opinions, will be the special guest this Sunday, 9-15-96, on the
>Ham Radio & More Show.

It is my own opinion that a No Code Tech is not qualified to speak on this subject.

Don AC6TG

2767. Re: ARRL "Representation"

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: michaelr@michaelr.com
Message-ID: <9609111725231498@michaelr.com>
Source record: 217149

C>From: carl@ais.net
C>Subject: Re: ARRL "Representation" on code and other issues

C>Like I said ... I have no illusions/delusions that ARRL will EVER
C>represent my interests or the interests of the true majority of US hams
C>.. it's a publishing empire, first and foremost, run by a bunch of
C>folks who have found a clever way to avoid getting real jobs ...
C>beyond that, it's a "good old boy" club, plain and simple.

I agree 100% And a million plus in unrestricted surplus CASH being rat holed ("invested") by the ARRL. Don't believe me? Just look the ARRL balance sheet published each spring in QST. Our "League" has done everything possible to protect the "good old boy" CW dinosaur operators club as well as protecting the perks of some know it all directors.

michael r. MBA, CPA, W0KIE
ex Navy CW operator
member of ARRL

2768. TS440 for sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: phil@pervisell.com
Message-ID: <323b1bed.0@orac.idiscover.net>
Source record: 217150
Cross-posted to: alt.radio.digital,alt.radio.scanner,rec.radio.amateur.misc,rec.radio.cb,rec.radio.digital.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

```
TS440 with automatic internal ATU amd VS1 speech synthesiser. Owned
from new also with home brew RS232 Interface and software, GC Tx and
spare front panel. 650 UK pounds
================================================================================
Phil Perkins = phil@pervisell.com Fax +44 1494 448236
Pervisell Ltd 8 Temple End HIGH WYCOMBE Bucks HP13 5DR Great Britain
================================================================================
```

2769. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <5136l5$qhj@news.Hawaii.Edu>
Source record: 217151

least <least@sprynet.com> wrote:
>I have ADD and have not been able to learn code....

I'm nearsighted and couldn't pass the FAA pilot's license physical exam...

I realize your disappointment but you need to go on with life and excel
in those areas you do have the ability to master.

KH2PZ

2770. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <51383g$r9u@news.Hawaii.Edu>
Source record: 217152

Karl the appliance operator wrote:
>I'm sorry, but as I said, this "I'll build an emergency CW transmitter
>from the wreckage of my plane's radio after I crash on the mountain-top"
>scenario is nothing more than a romantic fantasy ... it's so improbable
>it deserves to be classified as impossible for all purposes and intents.

I have taken components from a junked TV set and built a VFO'd 40M CW
transmitter from them. If a set has discrete parts then those parts can
be easily identified and used to contruct an xmtr.

>It's only possible "value" is as more of the "keep CW" support mythology
>.. it's in the same class of bogus arguments as "CW gets through were
>nothing else will" ...

CW *will* get through over SSB and RTTY on HF. But you don't have such
HF privileges so you're not expected to know that.

Jeff KH2PZ / KH6

2771. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <5138r4$rma@news.Hawaii.Edu>
Source record: 217153
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

John Nelson <johnn@pacifier.com> wrote:
>> >>CW is alive, well, and thriving. In fact, the demand for QRP CW
>> >>transceivers alone has almost single handedly revived the kit industry.
>> >>Just open your eyes and ears and it'll become apparent.

>Let's look at the big picture (reality). The ONLY place where CW is used at
>all anymore is the ARS. That's it. I don't call that thriving. I call that
>hanging on by its fingernails.

How many HF users outside of amateur radio still exclusively use SSB?
Not many at all. So is SSB "hanging on by its fingernails"?

KH2PZ

2772. Re: The final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: pcr@ic.net
Message-ID: <512bl7$h9q@condor.ic.net>
Source record: 217169
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <32349D08.41C67EA6@qualcomm.com>, karn@qualcomm.com says...
>
>Burt Fisher wrote:
>>
>> WHAT IS C W
>
>What follows is, of course, largely nonsense.

of course. It was written by Burt Fisher.

You could save yourself a considerable amount of bandwidth and reading time if
you just put Burt in your newsreader's killfile.

--
...phil / kb8uoy
Copyright, Phillip C. Reed, 1996.
Naughty words: eWorks! OT7 AOL bomb Green Card hack phreak breast sex
PGP fingerprint = C5 41 B5 9E B4 56 0C C3 26 FC B9 ED BC D7 CA 8B

2773. Festering wound ! (0/1)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: kk5dr@io.com
Message-ID: <512c3b$11r@nntp-1.io.com>
Source record: 217170

Don't bother E-mailing me any of your "negitive responses" to this post. Anything like that would be illogical,
and selfincriminatting.
IF YOUR NOT PART OF THE SOLUTION, YOUR PART OF THE PROBLEM !

Matthew A. Erickson
Paige,TX. (consult Rand Mcnally)
INTERNET ADDRESS; kk5dr@io.com

"EVERYONE, is entitled to their OWN, opinion, BUT, that does not mean I'm
REQUIRED, to listen to it !"

2774. Festering wound ! (attachment) (0/1)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: kk5dr@io.com
Message-ID: <512d6h$138@nntp-1.io.com>
Source record: 217171

Matthew A. Erickson
Paige,TX. (consult Rand Mcnally)
INTERNET ADDRESS; kk5dr@io.com

"EVERYONE, is entitled to their OWN, opinion, BUT, that does not mean I'm REQUIRED, to listen to it !"

2775. Re: ARRL and the little LEO grab

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: carl@ais.net
Message-ID: <512ec0$89t@news.ais.net>
Source record: 217172
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <511a86$qr1@mgate.arrl.org>, Ed Hare <ehare@arrl.org> writes:
> Carl - wa6vse <carl@ais.net> wrote:
>>>Ed, I can't believe that you are actually naieve enough to believe that
>>>.. they're technical folks ... they understand the realities of
>>>weak-signal satellite links ... they know that the 2m and 70cm are
>>>already quite heavily occupied (by amateur standards, considering the
>>>present state of technology in wide-spread use by amateurs). Actually,
>>>if the ARRL IS naieve enough to believe what you said above, it should
>>>immediately raise a serious question about the ARRL's ability to
>>>"protect" our allocations by recognizing potential threats ...
>
>(As a matter of fact, Carl, I do believe that. The LEO system is
>frequency adaptive, checking channels for occupancy, etc., before use.
>The satellite stations probably would be compatible with most 2-meter
>phone work. The real problem comes from the ground stations associated
>with all this; they could interfere with 1-watt HTs that the satellite
>really can't hear. Our Senior Lab Engineer, Zack Lau, did a rather
>detailed analysis of the situation; we really have looked at it
>carefully.)
>

I still don't believe that they sincerely expect to share ... if the
real agenda could be *proven* I'd bet they had every intent from the
beginning to "back door" their way to exclusive use.

>
>Actually, I suspect that the parameters for a world-class moonbounce
>station will raise a few eyebrows. :-)

It'd do more than raise a few eyebrows ... it'd totally saturate their
transponder ... there might even be a possibility that it could do some
permanent damage (depending on their input protection circuits and how
robust the low-noise FETs in the first stage are)

>While the LEO folks may not be dissuaded, those making
>frequency-allocation decisions will consider the technical aspects of
>sharing. One thing we can usually say about our regulators; they are not
>apt to make decisions that will ultimately result in more work for
>themselves. Deciding to permit a technically unworkable sharing
>situation would NOT lessen their workload.

That's likely the saving grace, I'd guess ...

73,
Carl - wa6vse

carl@ais.net

2776. Re: Festering wound ! (0/1)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: Pat Wilson <pw@i2020.net>
Message-ID: <01bb9eb8$619757a0$4901e8cc@PW>
Source record: 217173

Let's see. If YOU'RE and YOU'RE. A positive note for you. Read the
sentence and ask should it be YOU ARE, then you know to use YOU'RE not YOUR
the possessive version. I'm positive you needed that lesson.

kk5dr@io.com wrote in article <512c3b$11r@nntp-1.io.com>...
> Don't bother E-mailing me any of your "negitive responses" to this post.
Anything like that would be illogical,
> and selfincriminatting.
> IF YOUR NOT PART OF THE SOLUTION, YOUR PART OF THE PROBLEM !
>
> Matthew A. Erickson
> Paige,TX. (consult Rand Mcnally)
> INTERNET ADDRESS; kk5dr@io.com
>
> "EVERYONE, is entitled to their OWN, opinion, BUT, that does not mean I'm

> REQUIRED, to listen to it !"
>

2777. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: carl@ais.net
Message-ID: <512eqt$89t@news.ais.net>
Source record: 217174

In <50ps5d$9gr@news.Hawaii.Edu>, jherman@Hawaii.Edu (Jeffrey Herman) writes:
>
>You shouldn't try to elevate yourself above others - that only increases
>the hostility the young pups, like Spew, feel towards the OTers.
>

I'm not trying to "elevate myself above others" ... you and others have challenged my technical qualifications on the basis that I'm "just a technician" (an OT, with-code, with [somewhat] less watered-down old General written test) ...

I was specifically asked about my commercial license ... and a commercial license-like test (more comprehensive technical, on the order of the current extra class written) was also suggested by someone as an alternative testing path to HF access without a code test.

Maybe instead of worrying if someone else is "trying to elevate himself" you should concern yourself more with your (and other pro-coder's) propensity for trying to degrade others and dissmiss their intelligence and technical competency on the basis of their lack of a code test certificate???

Carl - wa6vse
carl@ais.net

2778. Re: A *VERY* SCARY SCENARIO

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: alpix@voicenet.com
Message-ID: <512h9o$pgf@goodnews.voicenet.com>
Source record: 217175
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner

Noone except the coroner (or other authorized person should EVER make a death notification. If the did, they should be sentenced to 25 years in jail.

2779. Re: Little LEO again (was Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <512i2f$epl@lehi.kuentos.guam.net>
Source record: 217176
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>Note, in all cases it is the interference potential *to* the little
>LEO operation which is the one that matters (there aren't enough
>terrestrial weak signal operations to matter politically). The level
>of interference they would present to ordinary terrestrial services
>is minimal, but the interference potential of ordinary terrestrial
>emitters to *them* is not minimal.

If that's true, Gary, then our 2 meter VHF band should be in no
trouble whatsoever, thanks to the poplulation of bootleggers on
that band in various parts of the world. The amateur packet
satellites are virtually useless when the footprint encompasses
certain areas, due to illegal use of the spectrum. In this part
of the world, south east Asia is a very big problem area, with
the Philippines in particular leading the charge. I have heard
that the same problem exists in certain parts of Europe.

I would hope that commercial interests realize, in the event
of a 'takeover', it will be much easier to rid the aquired band of
ham operators than it will be to rid it of slims.

73, Jim KH2D

2780. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: carl@ais.net
Message-ID: <512ikc$aep@news.ais.net>
Source record: 217177

In <511s5q$nc1@tekadm1.cse.tek.com>, johnh@mbddoc8.cse.tek.com (John E Hunt) writes:
>
>If my equipment is still operational in an emergency, CW will not be
>my mode of first choice.

The statement above shows good common sense.

>However, if the disaster crushes my equipment
>I hope there are HF operators that can copy my CW transmissions, because
>I may be able to build a CW transmitter from the rubble, but I would not
>try to build a computer, tnc and radio from the rubble.
>

However the above statement is in reality nothing more than a romantic
fantasy.

How do you propose to solder? Ever try replacing even ONE device on
today's surface-mount-technology PCBs without specialized desoldering
tools?

Would you even be able recognize what components did what? Most chip
Rs, Cs, and Ls do not have readable value markings on them (some of the
larger {sized} resistors, do, but most do not).

ICs are likely even greater mysteries ... what's a MC2036B do? What's
it's pinout? What are the maximum voltages you can apply to any
pin without frying it in a microsecond or two? (I doubt that you carry
a complete collection of data books from even one IC manufacturer on
board your plane. The part number I gave is a valid Motorola part
number ... they just sent me a new collection of data books at work
yesterday ... it occupied two good-sized cardboard boxes and must have
weighed close to 50 pounds.)

Most modern electronics gear is heavy on integration ... ICs that were
designed to do specific things. Even if you were able to determine
which were what and their pinouts, how do you propose to hook them up in
some useable fashion? (modern equipment is big on PCBs, VERY short on
salvagable wires)

I'm sorry, but as I said, this "I'll build an emergency CW transmitter
from the wreckage of my plane's radio after I crash on the mountain-top"
scenario is nothing more than a romantic fantasy ... it's so improbable
it deserves to be classified as impossible for all purposes and intents.

It's only possible "value" is as more of the "keep CW" support mythology
.. it's in the same class of bogus arguments as "CW gets through were
nothing else will" ...

Please don't take this analysis as a personal attack ... I DO NOT mean it that way ... I'm just trying to point out the impracticality of what you suggest and suggest that you question the practicality of it. If you do so with an open mind, I think you'll have to agree that the argument is more romantic fantasy than practical reality ...

Carl - wa6vse
carl@ais.net

2781. Hamfest at Teaneck NJ ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: "E. Kravitz" <103504.16@CompuServe.COM>
Message-ID: <512j46$3hr$1@mhadf.production.compuserve.com>
Source record: 217178

Anyone have info on this fest in October ?

--
Ed K. KB2NSP in Ocean City, NJ

2782. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: carl@ais.net
Message-ID: <512k7h$aep@news.ais.net>
Source record: 217179

In <3233ECBA.6ECA@voicenet.com>, agray@voicenet.com writes:
>
>There you go again Carl, asserting opinion as fact: "All the
>technophiles amongst us are saying...". This is obviously false
>statement and weakens your credibility. There are many, many
>"technophiles" in the ham ranks that love cw. If you worked a little cw
>once in a while, you'd be able to confirm this for yourself.

agray,

If you were not so eager to find fault with no-code advocates, you might have realized that what I was saying was not that every technophile was saying that, but rather that "The only statement that the technophiles amongst us are making is ..."

In other words, I did not say that all technophiles were saying X, only that X is all that we are saying ... like "We're saying X, but we're not saying Y" ... get it now?

Geeze ...

Carl - wa6vse
carl@ais.net

2783. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: carl@ais.net
Message-ID: <512kp6$aep@news.ais.net>
Source record: 217180

In <jlowmanDxHC94.7Dw@netcom.com>, jlowman@netcom.com (Jim Lowman) writes:
>
>It used to be that US amateurs had to sign a statement when renewing their
>licenses, that they were still capable of copying CW at the rate required
>for that license. I would suppose that this made liars out of a good number
>of hams, even under the threat of perjury.
>

Jim,

I'm sure you're right, but those same hypocrites will still insist on
forcing newcomers to pass a test that they likely couldn't ... to get
the same license ... that's the sense of amateur "fairness" that's kept
the test in place for so long.

Carl - wa6vse
carl@ais.net

2784. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: carl@ais.net
Message-ID: <512dpc$89t@news.ais.net>
Source record: 217181

In <1996Sep9.124553.12824@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>For once, Michael is correct. About 15% of current higher class
>licensees started out as code test free Techs while about 18% of
>current amateurs have remained code test free Techs. So about 45%
>of Techs are upgrading.
>
>Now since it is obvious that 82% of amateurs are *not* on HF,
>though they are licensed to be there, many of those upgrading
>must be doing so for other reasons than gaining access to HF.

Gary,

I must have missed something ... I don't see how you start out with 15%
of current higher class licensees having started out as no-code techs,
and 18% remained that way, so 45% of techs are upgrading. Then you say
82% of amateurs are *not* on HF ...

Sorry, but I don't see how the numbers make sense ... maybe I'm misssing
something in the presentation????

Please clarify this and set me straight on what you mean.

73,
Carl - wa6vse
carl@ais.net

2785. Re: ARRL and the little LEO grab

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: little@pecan.enet.dec.com
Message-ID: <512p2j$pv3@usenet.pa.dec.com>
Source record: 217182
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <50vi6b$5fu@news.ais.net>
carl@ais.net wrote:

> It's rare, from what I've seen, but here we disagree ... I DO believe
> that the technical folks *specifically* wanted 2m and 70cm ... the
> bands are technically ideal for their proposed operation and all of the
> surrounding spectrum with similar technical characteristics is "owned"
> by commercial interests with far more political and economic clout than
> us hams. (Part of my career was involved in the mobile satellite
> industry ... I'm quite familiar with some of the players.)

What technical characteristics of 2m and 70cm make it ideal for
the LEO services? Given the relatively high sky noise of those
bands I'd have thought that microwave or above would be more
preferable.

73,
Todd
N9MWB

2786. Re: Melbourne Hamfest

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: ae4ko@magicnet.net
Message-ID: <512pes$511@comet2.magicnet.net>
Source record: 217183

Jim Finney (jpf@southeast.net) wrote:
: Will someone tell me when and where the Melbourne, Florida hamfest is?
: Thanks,
: Jim..

The 31st Annual Melbourne Hamfest is September 14th and 15th, 1996.
Saturday hours are 0900AM-0500PM Saturday, and 0900AM-0400PM Sunday.

Location: Melbourne Auditorium, 625 E. Hibiscus Blvd., Melbourne, FL
Talk in is on the 146.25/85 repeater.

(Probably more than you really wanted to know, but hey - I felt like
typing tonight <grin>)

73

--
ae4ko@magicnet.net
Orlando, FL If you apply the super-string theory
to a rubber-sheet universe, do you get a bungee cord?

http://www.magicnet.net/~ae4ko/home.html

2787. Re: WA State Patrol controlling your radios

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: wsmith@ezylynk.com.au
Message-ID: <842327907.296169@hera.starwon.com.au>
Source record: 217184
Cross-posted to: rec.radio.scanner,wa.general,rec.radio.amateur.misc

This newsgroup is for Western Australia, not WAshington state. You
won't get much response from here.

In article <DxDwp1.BqF@eskimo.com>, kc7iay@ibm.net (Bruce Miller) says:
>
>The Washington State Patrol has proposed the adoption of a
>Washington Administrative Code regarding wireless communications
>systems used by motorists (not necessarily attached to vehicles).
>

2788. query on repeaters

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: Jed Barton <jbarton@ici.net>
Message-ID: <Pine.SUN.3.91.960910000708.23583C-100000@soran>
Source record: 217185

Hey there guys, is anyone familiar on how to hookup an s-com controler to an icom repeater? The controler that comes with the machine is garbage and I am planning on using an s-com controler. Any help would be appreciated. Thanks and 73 from n1jbc.

+---+

| Jed Barton <jed@ici.net> Emerson College Undergraduate (Boston) ||
Amateur call: n1jbc (general class) Boston, Ma 02116 |
| "I may be blind, but my resume tells the whole story." |
+---+

+---+
| Jed Barton <jed@conan.ids.net> Emerson College |
| Phone: (617)728-1971 Undergraduate School |
| Amateur call: n1jbc (general class) Boston, Ma 02116 |
| "I may be blind, but my resume tells the whole story." |
+---+

2789. Family Radio Service (FRS) equipment?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: Steve Kagan <2WSK000@gc.maricopa.edu>
Message-ID: <19960910003508.aaaa000B9@babyblue.cs.yale.edu>
Source record: 217186

Not only does that new Radio Shack offering have only the seven 467 mHz channels (missing the seven 462 mHz ones), but it has no provision for PL squelch (either tone or digital), nor can it scan.

The radio may be set internally to any one of the seven channels. I think the user can do that with DIP switches, but it's a one-channel (at a time) radio. And in addition to having only a seven-channel capability (one at a time), it cannot be programmed from the front panel, has no channel switch, and has no tone pad.

In any case, might Radio Shack be planning a more featured radio? The current one is a pretty high-priced, though low-featured, Motorola-manufactured set.

Radio Shack's (license-required) GMRS radio offerings include a Motorola-made one, plus a less-expensive (but more-featured) scanning Radio-Shack-branded model. Again thoough, neither has any type of PL (tone squelch), and lacks a front-panel number pad.

So, could anyone post whether other manufacturers are going to offer Family Radio Service equipment? Those who know about that seven-channel (one-channel-at-a-time) Radio Shack/Motorola FRS product will agree that it's a mighty weak starting entry, indeed.
Steve

2790. WB4TOK in Hospital..Stroke

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: scederas@intercenter.net
Message-ID: <3234fdb7.3730072@news.intercenter.net>
Source record: 217187

To anyone who has come in contact with Percy McGiver
over the years WB4TOK....he has suffered a stroke and is in Raleigh
Community Hospital in Raleigh, N.C.
I know Percy has made a lot of friends over the years and he
is a special person to all that have come in conctact with him.
If you need his room and phone number ... you can email me
for it or call Raleigh Community Hospital information in Raleigh, N.C.

-Sam Cederas AD4PY
scederas@intercenter.net
9-10-96

2791. FDK 750e info/reources please?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: carl@ambrosia.demon.co.uk
Message-ID: <323610a9.4313370@news.demon.co.uk>
Source record: 217188

Hi
Can anyone point me to internet resources/info on the FDK Multi
750e a now ageing multimode mobile for 2m (with option on 70cm
and 6m)

(I'm posting this to a few groups, sorry for dupes received)
carl gw0tqm@ambrosia.demon.co.uk

2792. Re: Key Input Specs?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <513c0j$hre@lehi.kuentos.guam.net>
Source record: 217189
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

"Rick Miller" <rdmiller@execpc.com> wrote:

>Hi!

>Can someone tell me what open-circuit voltage and closed-circuit current
>the device attatched to the "key" input of a rig is supposed to be able to
>handle? If 5 Volts and 25 mA is sufficient, I'll be a happy camper!

>Otherwise, I'll have to use a FET I guess.

>Rick Miller (kb9obn) rdmiller@execpc.com

Give us a clue, Rick. Which 'rig' ?

2793. What is good way to learn CW

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: Jeffrey Miller <jfmil@gate.net>
Message-ID: <32351000.2540@gate.net>
Source record: 217190

Hi there,

I am interested in getting a Ham License and can't seem to get CW down.
/
Anybody have any suggestions as to a good program and or teaching tape
or book for it??

I currently listen to Shortwave but can't copy the code no matter what.

Any assistance would be appreciated.

Jeff... jfmil@gate.net

2794. Re: ARRL and the little LEO grab

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: agray@voicenet.com
Message-ID: <32354001.424B@voicenet.com>
Source record: 217191
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Gary Coffman wrote:
>
> In article <50s7vj$a97@news.ais.net> carl@ais.net writes:
> >In <50rpv7$ggs@mgate.arrl.org>, Ed Hare <ehare@arrl.org> writes:
> >>
> >>The folks who put the amateur 2-meter and 70-centimeter bands on the
> >>plate for the little LEOs probably honestly believed that they could be
> >>legitimate sharing partners. They are not looking to be primary in
> >>the amateur bands. I don't know whether they are seeking to be primary
> >>in any of the many other frequencies they put on the plate, but it is
> >>quite likely that they are not.
> >>
> >>
> >Ed, I can't believe that you are actually naieve enough to believe that
> >.. they're technical folks ... they understand the realities of
> >weak-signal satellite links ... they know that the 2m and 70cm are
> >already quite heavily occupied (by amateur standards, considering the
> >present state of technology in wide-spread use by amateurs). Actually,
> >if the ARRL IS naieve enough to believe what you said above, it should
> >immediately raise a serious question about the ARRL's ability to
> >"protect" our allocations by recognizing potential threats ...
>
> The folks proposing this are *not* technical folks. They are *lawyers*
> representing *marketeers* working at Beltway consulting companies.
> I'm quite sure there *is* a technical type somewhere in the background
> slapping his forehead and crying, "Are you *nuts*?", but his isn't the
> controlling voice here, and I doubt the lawyers could understand the
> issues if they were explained to them. When marketing and legal get
> together, engineering can only duck for cover.
>
> >They're not going to spend a few hundreds of millions of dollars to
> >launch their constellations of satellites and then passively accept the
> >interference they'd get ...
> >
> >They're hoping to "get their foot in the door" ... plain and simple ...
> >and IF they do, once they launch their systems and "discover that their
> >sharing plans don't work after all" they'll be back at the FCC in a
> >heartbeat, complaining about interference and seeking to "move the hams"
> >.. guaranteed!
>
> That's certainly the outcome to be expected. What Ed is saying is that
> the lawyers proposing this little LEO grab may not yet realize that this
> would be the ultimate result of attempted sharing. I'd add that they

> probably wouldn't care if they did realize this. In that regard, a
> technical document is really of no value in changing their positions.
> They are unlikely to be persuaded that actions which would result in
> further legal work for them could possibly be a bad thing.
>
> This issue will have to be settled *politically* and *economically*,
> not technically. Somebody in authority is going to have to fear he'll
> lose his job over this before the issue will be settled. In that regard,
> the ARRL call for public outcry has been a correct response. It strikes
> directly at the politics of the issue by directly confronting the
> political appointees ultimately responsible for the outcome with
> a block of voters who are outraged at the grab attempt.
>
> The committee chairman, and his political masters, have to feel the
> heat. As long as they could deal in relative obscurity, cutting deals
> in the backrooms of DC law firms, amateur radio interests were dead
> meat. But once their activities were exposed to the strong light of
> public scrutiny, they've been forced to scurry for cover, like
> cockroaches when the kitchen light is turned on.
>
> On the economic front, the potential licensees for this little LEO
> operation have to be alerted that they will face *intractable*
> interference from the disgruntled former occupants of the spectrum
> grabbed. It has to be pointed out *forcefully* that there is no
> practical way to enforce cessation of interference in this spectrum.
> There are too many radios, and too many users, for the government
> to deal with effectively. CB is the premiere example that the government
> cannot effectively control spectrum where they don't have majority
> voluntary compliance from its users.
>
> Today, other amateurs have an incentive to hunt down and deal with
> sources of interference in this spectrum, but if it becomes no longer
> amateur spectrum, that incentive will be gone. The government has
> demonstrated an inability to deal with the problems. There is little
> or no reason to believe that will change in an era of decreasing
> enforcement budgets and staffing. And the prospective little LEO
> operators aren't flush enough to take the enforcement task upon
> themselves. If even the mighty "phone police" can't effectively
> control cellular fraud, what's the chance a LEO startup can deal
> with the (oh so easily generated) interference to their operations?
>
> The ARRL's technical document can't hurt. It will illumine the real
> technical issues. But it won't determine the outcome. That's political,
> and it is political muscle which will win or lose it. Fortunately,
> amateur radio's political muscle has grown by 33% since we lost the
> last grab for our spectrum. It appears to be enough, this time, but we
> need to grow it even larger for the times ahead when the grab attempts
> will be more seriously pressed.
>
> Gary

> --
> Gary Coffman KE4ZV | You make it, | Due to provider problems
> Destructive Testing Systems | we break it. | with previous uucp addresses
> 534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
> Lawrenceville, GA 30244 | |

Gary-

Another mindless comment: ..."I doubt the lawyers could understand the issues [even] if they were explained to them".

Some of you so-called "technical" guys are really bigoted and narrow minded. Guess only a select few, you among them, are capable of understanding these "complex" issues, right Gary?

2795. Re: Free at last.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <32354304.5369@ccsnet.com>
Source record: 217192

Frank Sved wrote:
^Z^Z^Z^Z^Z^Z^^Z^Z^Z^Z^Z and a few more ^Z^Z^Z^Z^Z We fell asleep the first time around and now you're boreing us to eternal death with the same platitudes and inept postings.

In other words I sound just like the typical ham contact.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	The less you say, the more people will remember
#================#===#
| k1oik@ccsnet.com |
#===#

http://www.qrz.com/cgi-bin/qrz_gifs?k1oik.gif

2796. Ham radio stores in Canada

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: Bruno Rosenthal <f6ebn@amsat.org>
Message-ID: <32359F58.2565@amsat.org>
Source record: 217193

Hello Friend,
Don't know whether it's the right newsgrp (it's my first try anyway), so
apologize for inconvenience caused if not.

I'm going to Canada in 10 days. I'm looking for ham radio shops in
Toronto, Ottawa, Montreal, Quebec (all cities on my trip).

Thanks for your help

73, Bruno

2797. re who enjoys cw

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: kcubilo@freeway.net
Message-ID: <01bb9f0d$4c142340$5d5899ce@freeway.net.freeway.net>
Source record: 217194

come on guys get with it.one of the purposes of ham
radio is to provide emergency communications now
suppose we have a national emergency with very
poor prop conditions are you guys on packet or the
other digital modes going to get the message across?
how about weak signal ssb condx i dont think so.
cw is king under these condx. call me a old fart or
one that resist changes if you want. but the trulth is
cw is a requirement for a ham license and i hope it
remains who needs another 11meter band type of
situation?by the way i failed the cw test 3 times 26
years for my novice but i now can copy 35 wpm plus
with cw. it just took a little hard work and study. and
while at it we should remove the answers to the
question pools and just have text to study to get rid
of the memory type exams,how many people do you
know today that can homebrew a ssb xcvr or even
repair their own radio's?old ham radio has been great
to me i went on to become a commercial telegraph
operator then a motorola service rep.
we8w

2798. Re: Free at last.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: "Thomas J. Penton" <afn45350@afn.org>
Message-ID: <Pine.A32.3.93.960910083747.34060B-100000@freenet4.afn.org>
Source record: 217195

On Tue, 10 Sep 1996, Burt Fisher wrote:

> In other words I sound just like the typical ham contact.

Burt if you can`t say anything nice at all just shut up

Thomas J. Penton
afn45350@afn.org
I am a stranger in a
even stranger land

2799. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: grhosler1@mmm.com
Message-ID: <513q0j$7cl@dawn.mmm.com>
Source record: 217196

carl@ais.net wrote:

>In <jlowmanDxHC94.7Dw@netcom.com>, jlowman@netcom.com (Jim Lowman) writes:
>>
>>It used to be that US amateurs had to sign a statement when renewing their
>>licenses, that they were still capable of copying CW at the rate required
>>for that license. I would suppose that this made liars out of a good number
>>of hams, even under the threat of perjury.
>>

>Jim,

>I'm sure you're right, but those same hypocrites will still insist on
>forcing newcomers to pass a test that they likely couldn't ... to get
>the same license ... that's the sense of amateur "fairness" that's kept
>the test in place for so long.

>Carl - wa6vse
>carl@ais.net

Who said we couldn't agree on something Carl? I'd go along with the
proposal that we be retested at least once every renewal period (or
roughly every 10 years). This would insure that we haven't lost any
of the previously acquired skills and knowledge and have also
continued to learn the basics of the evolving technology. Great idea!
Certainly would eliminate the threat of perjury and reinstate the
"sense of amateur fairness" . Perhaps I have misjudged you.

de KN0Z

Opinions expressed herein are my own and may not represent those of my employer.

2800. WANTED ALINCO 580 WANTED

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: cwhst10+@pitt.edu
Message-ID: <513rmi$dr8@usenet.srv.cis.pitt.edu>
Source record: 217197

Hello...

I would like to purchase a Alinco DJ 580 HT
Consider any and all conditions and accessories.

THanks
Chet Hogue KA3NUM
dandr@pgh.net

2801. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: Jim Cummings <jcumming@crc.doc.ca>
Message-ID: <Pine.SUN.3.91.960910095733.6058A-100000@clark.dgim.doc.ca>
Source record: 217198
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

On Thu, 5 Sep 1996, Alan Larson wrote:

> In article <322DF3EC.7AC1@clark.dgim.doc.ca> you write:
>
> >No doubt they do. But unlike in the amateur service where one must
> >submit oneself to an examination in order to confirm if the Pavlovian
> >conditioning attributed to learning Morse code has indeed been
> >successful, a helicopter pilot need not prove that he/she does not have
> >to prove that they have the skills to climb a mountain to reach the top
> >before they are allowed to do so in their conveyance of choice.
>
>
> You know, if you don't like the U.S. requirements, why don't you move
> to Canada?
>

What an odd thing to ask since I live in Canada. In any case,
what's how is my domicile relevant to the quotation?

>
> Alan
>

73 and live better digitally
Jim, VE3XJ

2802. Question on Ferrite Bar antennas

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: Kreblon@ccwf.cc.utexas.edu
Message-ID: <5141ka$59a@geraldo.cc.utexas.edu>
Source record: 217199

Hello all-
In a typical portable radio, the ferrite bar antenna has two coils.
They are both connected to points on the circuit board near each other
and at the "front end" of the radio Rx. Why are there two coils? I want to
use a remote antenna and use only two connection wires (a connector).
What is going on here?

Thanks!

Bob Nagy

2803. Re: Hams <-??-> Pilots

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: scott rider <scott_rider@ccm.hf.intel.com>
Message-ID: <514202$mkn@ornews.intel.com>
Source record: 217200
Cross-posted to: rec.aviation.homebuilt,rec.radio.amateur.misc

Jim,
One data point for you

Scott Rider CSEL/CFI N-6296L Grumman N-???? BD-5 in garage
KC7IQR General

More of a pilot than a ham. scott_rider@ccm.hf.intel.com

2804. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: Hans K0HB <71111.260@CompuServe.COM>
Message-ID: <514397$av9$1@mhadf.production.compuserve.com>
Source record: 217201

carl@ais.net said:

>> Besides, there will be one hell of a lot more copies fo the
>> survey sent to members via QST than will fall into the hands
>> of "the barbarians".

I would expect that a *membership* survey would be aimed at
mostly reaching *members*, with perhaps a small sample of
non-members to compare for differences.

--
73, de Hans, K0HB
--
-- Often statistics are used as a drunk uses a lamp-post....
-- .... for support rather than illimination.

2805. Re: Wiring new house...

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: cookson@linus.mitre.org
Message-ID: <5141g6$jfq@top.mitre.org>
Source record: 217202

In article <1996Sep6.133501.12129@ke4zv.atl.ga.us>,
Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>Also now is the time to install the phone system wiring the *right*
>way. Don't daisy chain your phone wiring, star connect it back to a
>central wiring closet (do the same with CATV wiring).

Do the same with with some network cabling also. Or even better, put a
patch panel in the basement, run a pair of conduits to each room and
put junction boxes that are big enough to hold a coax out (for cable),
a couple of RJ-11s (for phone) and a couple of RJ-45s for 10/100base-T
ethernet.

>This will cost very little extra now, but it will save huge amounts
>of aggravation later.

Yup...

--
Dean Cookson / dcookson@mitre.org / +1 617 271-2714	DoD #207 AMA #573534
The MITRE Corp. Burlington Rd., Bedford, Ma. 01730	Kot NML,B,KotLD2 / DW 2
<This Space for Rent>	'92 VFR750F/'94 Jeep YJ
"I crack every time I squat." -N. Visser	DoDHS #1 / N1WDH

2806. WTB or locate: Wen soldering gun tips

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-10 00:00:00 UTC
From: Walter Lamia <lamia@fc.hp.com>
Message-ID: <32359478.76D5@fc.hp.com>
Source record: 217203
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

I am looking for replacement tips for a Wen soldering gun. I believe
the company went out of business some time ago, but I still have a unit
that was my father's, and is probably 30 years old. It still works, but
the tip finally broke.

I know it's a long shot, but maybe some oldtimers (no offense) on this
group might be able to give me a lead
--
Best regards,

Walter Lamia Software Quality Consultant Hewlett-Packard Company
lamia@fc.hp.com 970-229-7410 3404 E. Harmony Rd - MS 65
KB0YAA fax 229-4556 Ft. Collins, CO 80525 USA

2807. Re: New Technology (was: Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: randolph@asic.enet.dec.com
Message-ID: <516mok$n6j@mrnews.mro.dec.com>
Source record: 216905

In article <1996Sep10.165219.3295@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes...
>I think most of the advances by amateurs in recent years have not
>been in the realm of hardware, however. I believe most of the novel
>developments have been in terms of protocols, software, and firmware
>used to drive fairly conventional hardware. Striking examples of

Gary, you should check out a few articles:

"G3SBI's H-Mode Receiver Design", Tech Notes column, Communications Quarterly, Fall 1994

"A High Dynamic Range MF/HF Receiver Front End", J. Makhinson, QST, Feb. 1993

"A Termination Insensitive Amplifier", J. Makhinson, QEX, Jul. 1995

...and many others of this ilk. Some of these circuits were discovered for the first time by amateurs. There's plenty of hardware innovation going on in amateur circles if you look for it, contrary to what Burt and others would have us believe.

==========
Tom Randolph N1OOQ NE-QRP 419 QRP-L 87 ARRL randolph@asic.enet.dec.com
==========

2808. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: jwkelley@e4e.oac.uci.edu
Message-ID: <516ns7$35s@news.service.uci.edu>
Source record: 216906
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <515bgo$rlh@lehi.kuentos.guam.net>,
Jim Kehler <pacrimgolf@kuentos.guam.net> wrote:

>I have a question. Or two. A what if. What if we all decide to open HF to hams
>with no code tests. Where do we put them ? Do we decide that HF is no longer
>subdivided into band plans by license class and just call HF 'HF period' ?

There have been a number of proposals, but sadly none have spawned much in
the way of constructive debate. The two most notable proposals were Len
Winkler's "Written Only General", and Bill Sohl's plan to incorporate the
code elements into the existing written elements. Both ideas are workable
compromises in the code debate, and are consistant with ITU rules.
Neither of them eliminates code testing, and neither calls for a complete
overhaul of the system. Both plans would be relatively simple to
implement.

Both plans have their individual merits. The WOG provides recognition to
those individuals who excel technically. A passing score on all written
elements through Extra entitles the applicant to General class privileges.
By subsequently passing the 20 WPM code element, the licensee would have
access to, among other things, the CW DX windows.

Bill Sohl's plan would put CW more on a par with the other modes of
operation. It would still be by far the most heavily tested mode, but
the pass/fail aspect would be vilified. By testing in this way, amateur
radio would basically be telling it's licensees that knowledge of Morse
code is encouraged, proficiency will help you to pass the exam but,
just as in real life, it is not essential.

>I know you guys want a no code HF license. But I don't know exactly
>what you expect to get when or if you get one. I have seen a lot of 'logic'
>from the Carl Clan supporting the 'plan', but I haven't seen much about what
>'the plan' is. That's why I am asking.

The plan has always been the simple part Jim. Trying to have a civil
discussion on the subject has been the hard part.

>Hafa Adai,
>Jim KH2D

Jim, AC6XG

2809. Re: The final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <516q6f$45g@lehi.kuentos.guam.net>
Source record: 216907
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

little@pecan.enet.dec.com (Todd Little) wrote:

>In article <5167ok$1qa@lehi.kuentos.guam.net>
>pacrimgolf@kuentos.guam.net (Jim Kehler) wrote:

>> I'm tired of fencing, Carl. Especially with a stone wall. If it was chain link
>> fence, there might be some light coming thru, but ....

>I think you have the sides reversed. I've heard the praises of Morse Code
>from the pro-code club, even when those praises or claims are
>demonstrably false. The brick wall is there and apparently created
>by too many hours of pounding brass.

Your're starting to sound like a Carl Clone, Toddsky. But at least you have
someone to idolize. That's good.

>> Besides, if I recall correctly, Phil is now an attorney, and I know better
>> than to fence with those guys.......

>Get with the plan Jim, wrong Phil. I'd suggest you read up a little
>on digital communications techniques, you'll most certainly come across
>Phil's name.

Don't know what the plan is, Toddsky. Nobody will reply to the message I
posted asking about the plan. I am starting to wonder if there is one.
I have a cousin named Phil. He plays the trombone. I know who Phil is.
Does Carl ?

I have noticed for the last three or four days that everytime I reply to
a posting here, I get a response not from the original poster, but from
you, Todd. Let me ask you a question, Todd. I'll make it easy, like the ham
tests, multiple choice:

In the last three days, did

a.) ,Or do, you feel you are bored ?

b.) You forget that I told you long ago I am tired of arguing with you because
you are a PRO ?

c.) Everyone else hire you to answer all thier mail ?

d.) Someone appoint you as the new spokesman for all mode challenged
amateurs ?

e.) You appoint yourself as KH2D's own personal pain in the ass ?

A [ ]
B [ ]
C [ ]
D [ ]
E [ ]

No need for any dialog, Todd. Not an essay question. Just check a box and send in your answer.

Again, go find somebody else to argue with, Toddsky. If I wanted to discuss anything with YOU, I would respond to the posting that YOU write.......

Absence of the above mentioned responses should tell you something, but apparantly it doesn't.

Hafa Adai,
Jim KH2D

2810. Re: Ham Radio as an *ENJOYABLE* Hobby

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: garyn@tir.com
Message-ID: <3236e88f.6485221@news.tir.com>
Source record: 216908

On 11 Sep 1996 13:55:09 GMT, dg198@FreeNet.Carleton.CA (Frank Sved)
wrote:

:>
:>Burt Fisher (k1oik@ccsnet.com) writes:
:>>
:>> Ham radio is so much fun that I gave up sex just to call CQ contest
:>> and pass routine traffic.

Yeah, and if you did , I bet your wife would absolutely ADORE you for
it !! 8-)

Gary ....

:>>
:>> #================#===#
:>> | Burt Fisher | Teacher of video, broadcasting and electronics |
:>> | Amateur call | South Dennis, Ma. (Cape Cod) |
:>> | K1OIK | The less you say, the more people will remember |
:>> #================#===#
:>> | k1oik@ccsnet.com |
:>> #===#
:>>
:>> http://www.qrz.com/cgi-bin/qrz_gifs?k1oik.gif

Amateur Radio Station WB8POK since 1972
'Life is what happens while you're busy making other plans'

2811. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep11.162933.7348@ke4zv.atl.ga.us>
Source record: 216909
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <50g7fg$if@anomaly.ideamation.com> kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:
>In article <50fvh1$4kq@news.ais.net>, <carl@ais.net> wrote:
>
>>Give me a break ... you know damned well that we're talking about the[
>>CW haves vs. want-nots here. Of course he was implying (as do most
>>pro-coders) that "If you don't do/love CW, you're not a 'real' ham,
>>you're incompetent, etc."
>
>That's the way *you* interpret it. I happen to interpret what he is
>saying as "when you lower the testing standards, you get a lower
>quality of people entering the service". I believe that there is
>a basis for that statement (maybe or maybe not specifically as related
>to ham radio, but certainly to society as a whole.)

Standards are used as references for measurements. For example,
the standard meter and the standard kilogram are references for
measurements of length and mass respectively. But the standard
meter is of no use when mass is being measured, nor is the
standard kilogram of any use when length is being measured.
In other words, to be of any value, a standard has to be
relevant to the thing being measured.

Morse code "standards" are only relevant for those desiring
to measure Morse code speed. Since Morse code speed has become
irrelevant to amateur radio licensing purposes, because the
need for the goverment to assure itself that amateurs can be
waved off when they interfere with life safety services using
Morse is gone, the "standard" has become moot.

Your blathering about upholding "standards" has about as much
semantic content as the Democrat Party's blather about "family
values" and "it takes a village" at their convention. It is
merely a smoke screen for a hidden agenda (in the case of the
Democrats it is socialized medicine and public creches subsidized
by the taxpayer). What socialist, central control, Big Brother form
does your hidden agenda take?

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2812. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: Ed Hare <ehare@arrl.org>
Message-ID: <516u20$nuq@mgate.arrl.org>
Source record: 216910

carl@ais.net wrote:

>My point is that the ARRL falsely represents to the FCC, IARU, and ITU
>that it "represents" the (entire) U.S. ham community.

Actually, no one at any level would truly assume that any organization could represent all amateurs. We have never gone to these meetings and told the participants that can explain what each and every US ham feels on any subject. We and the people in these fine organizations are well aware of what ARRL "representation" represents -- a snapshot of a significant segment of the active hams in some cases, an instantaneous response to an urgent problem at hand in others. We are smart enough to know that the people on these organizations know the number of hams, know the approximate number of ARRL Members and can subtract the two accurately. It sounds good to say that "ARRL is claiming to represent ALL hams" but if that statement is closely analyzed, it really doesn't hold water.

>This is false. Only a modest minority of U.S. hams are ARRL members
>(most non-members voice disgust for the way ARRL is run and the policies
>it continues to drive home at the FCC as their reason for not
>belonging).

I would imagine that most of the beliefs on the "way ARRL is run" are not accurate and represent the way the person expresses those beliefs presumes ARRL is run. Working here, I have found the process to be open and above board in most cases. I do welcome discussion of any specific examples to the contrary. And I must add that ARRL does enough things that I imagine you can find some specific examples to the contrary, but I offer that, overall, the process welcomes active participation of the amateur community.

Someday I will find the time to list the things that have been done by the ARRL as reported in QST/the ARRL Letter, etc, then anaylyze which of the actions were contrary to my interests in the subject and did not "represent" my views. I am sure I will find a few, btw, but that will probably not change my views on ARRL. I will have to think long and hard before I withdraw my support for ARRL over any one or even several issues because I know that withdrawing my support for any reason is also withdrawing my support for ALL reasons. In many cases, if the ARRL did not do many of the things that NEED to be done for Amateur Radio, no one would. Do you really propose that Amateur Radio would be better if ARRL did not "represent" Amateur Radio at the ITU, FCC, industry standards bodies, etc? If you have ever made use of information that ARRL has put into QST, our publications, our Internet and BBS sites, etc., you have been encompassed in a much broader definition of "representation" than

you might care to admit. :-)

>Of those that are "members", many freely admit that they do
>not feel the ARRL represents their views and that their ONLY reason for
>"membership" is to obtain a subscription to QST.

Much of the ARRL "representation" is for ARRL officers, directors, staff, Field Organization and members o be active participants in those areas that could affect Amateur Radio. This ranges through the work we do with the FCC to participation in international spectrum-management bodies to voting participation in standards organizations such as IEEE and the Society of Automotive Engineers. While I may not go to these meetings and say exactly the words you would say, most hams would be glad that there is a voice of Amateur Radio that is part of the process.

>Since the ARRL is going to continue to represent to the FCC, IARU, and
>ITU that it "represents" ALL U.S. hams, the least they can do is survey
>the majority of hams who are not "members." (Not that I have any
>delusions that they will ultimately follow the will of the majority.)

I do not believe that ARRL's position should be determined by survey. The entire concept of "representation" is predicated on the concept that decisions are made by those who are familiar with the issues. I am not very interested or knowledgeable about the current state of the art on digital radio. Do you really think I should be asked to make decisions (the indirect result of a pure survey approach to policy making) about digital radio? Is it not better that the major decisions about any issue be made by those who are competent and knowledgeable in the area?

ARRL is, IMHO, on the right track in this area. We have specific committees, comprised of "representatives" from all areas of the US, chosen for the most part, for their expertise in the subject area, ranging from committees such as the RF Safety Committee (primarily MDs and researchers as members) and RFI Task Group (yours truly as a member) to the DX Advisory Committee, comprised of "representatives" from each Division, etc.

The basic organization of ARRL is correct, too, IMH-personal-O. We have Directors chosen by direct vote from ARRL Members in a number of Divisions across the country. These Directors, BTW, are instantly accessible to Members by telephone (most publish their HOME phone numbers in QST), email, letter and in person. They usually run around their Divisions attending hamfests and club meetings and ASK for input from hams.

There are certainly ways we could do things better; we probably could use more advisory committees on a number of subjects; we should report more about the things we do to "represent" Amateur Radio. All in all, Carl, I could envision that someday the ARRL could do some one or two things that I felt to be so important that I could no longer support the organization. I suspect, however, that deep in my heart I would be glad that the ARRL was continuing to do some of the other things that

continued to benefit me in other areas.

Just some food for thought.

73 from ARRL HQ,
Ed Hare, KA1CV,
ARRL Laboratory Supervisor

(BTW, I do not believe these things because I work here; I work here because I believe these things. :-), Ed)

2813. Re: Code debate

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep11.165004.7522@ke4zv.atl.ga.us>
Source record: 216911

In article <50hhsd$i7l@freenet-news.carleton.ca> dg198@FreeNet.Carleton.CA (Frank Sved) writes:
>Cecil Moore (cmoore@sedona.intel.com) writes:
> ====== snip ======
>> Me too, but Morse code is certainly not new. Question is: Would you
>> rather learn old things like how to build a vacuum tube by hand or
>> new things like how to program a DSP engine?
>
>programming DSP engines? Doesn't sound like ham either, Cecil. Although
>your point is understood. CW and a simple xcvr is the basis of ham radio,
>everything else is a development. Think of it as a small history course.
>5WPM is sufficient, anything faster as a requirement to band privileges
>is, as you say, a step backwards.

A small history lesson, eh? Sort of like forcing grade schoolers to do long division using Roman Numerals I suppose. At least it teaches them how horribly cumbersone were the efforts of Roman era accountants and engineers, and helps explain why the introduction of Arabic numerals and the concept of zero led to a revolution in computation. Perhaps the same is true of Morse testing. It can serve as a bad example of coding design for alphanumeric text.

One must ask, however, whether this history lesson is valuable enough to form a stand alone pass/fail basis for licensing of access to amateur spectrum. After all, we don't hold 3rd graders back from the 4th grade just because they have a bit of trouble with Roman Numerals. It is a small part of what they need to have learned in 3rd grade, and an even smaller part of what they need to know to succeed in the 4th grade.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2814. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep11.171649.7684@ke4zv.atl.ga.us>
Source record: 216912
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <322C82A1.22F2@voicenet.com> agray@voicenet.com writes:
>
>The majority of amateurs are not building their own gear today (a
>readliy ascertainable fact from just looking around and listening on the
>bands). There is very little chance that this will change in the future
>as the gear gets ever more complex. Do you need anyone to tell you why
>its so hard to get parts to build anymore? That's right, because the
>overwhelming majority of hams don't really want to build their own gear.

Hard to get parts? With the manufacturers practically forcing sample parts on anyone who asks, with Digikey only an 800 number away, hard to get parts? How could you ever get that idea? Perhaps some discrete parts for old fashioned analog circuits might be a bit harder to find than formerly when they were ubiquitous in consumer electronics and even the corner drug store sold vacuum tubes. Model T Ford spark coils are getting harder to find too, but certainly there is no lack of modern parts for modern designs.

It is the very complexity of modern parts which allows the homebrewer to build things he would never have dreamed of attempting in the old days. With complete subsystems on a chip, building can proceed from the block diagram level. It has become more a matter of system design than fiddling with some finicky detail of a discrete circuit. And many of the functional steps are software driven on standard hardware platforms. So as Cecil notes, programming the DSP *is* the homebrewing you do today to get radio functions the ham of yesterday couldn't achieve with racks of discrete analog parts.

Gary
--
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2815. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep11.174223.7841@ke4zv.atl.ga.us>
Source record: 216913

In article <jlowmanDx69Kt.ILK@netcom.com> jlowman@netcom.com (Jim Lowman) writes:
>Jim Kehler (pacrimgolf@kuentos.guam.net) wrote:
>
>: You have to realize that now that we all use this wonderful medium called
>: Internet, Packet and Clover are probably on the way out, not on the way in.
>: Packet was at one time an almost viable means of spreading information
>: amoungst the ham community, but it's OBSOLETE now that the internet
>: is here. It was fun to screw around with, but it's not worth the trouble any
>: more - too slow, too unreliable.
>
>Thanks, Jim...finally someone who agrees with my point. I'll have to pass
>this around at our local ham club, if you don't mind. Many there seem to
>think that packet (VHF, mainly) IS all there is to ham radio. Running
>anything at less than 14.4 kbps these days has to be some form of masochism.
>
>73 de Jim - KF6CR

Well gee, even 50 baud beats CW, so how masochistic must the users
of Morse be? :-)

Perhaps you're overlooking the fact that *radio* is part of the
process. Sure, we can fly along on commercial networks, but we
can't build or tinker with those networks (the phone police get
real pissed when we try). We can build 56 kb RF networks for short
haul use, and we can build 750 bps HF networks to span the globe.
Ok, it's not 14.4 kb, but that's because of antiquated rules,
not because we couldn't do it, or at least 9600 bps, if it were
permitted on HF.

It costs AT&T billions to span the globe, we can do it for a
few hundred dollars and a bit of our spare time. Some of the
things we learn doing it even wind up in use on commercial
networks. Karn's TCP/IP is in one of the most widely used
commerical internet modem servers, the Netblazer, but it
started out on lowly 1200 baud packet, on a $50 surplus
Xerox 820 no less. TAPR's slow little TNC2 has spawned a
commercial industry with more TNCs now in commercial/military
wireless data use than in amateur use. Etc.

Would those things have happened without good old amateur
radio, and good old amateur tinkering? Perhaps, but perhaps
not. We won't ever know, because they *did* happen first on
grungy little old amateur packet radio. How much more could
we do if we weren't strait jacketed by antiquated rules?
No one knows, but we'd sure like to find out.

Gary
--
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2816. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep11.175243.7934@ke4zv.atl.ga.us>
Source record: 216914
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <01bb99e6$0e9fc4a0$204d4486@ghost.iupui.edu> "Joe Camel" <joe@megahard> writes:
>> The ham community is rapidly becoming the "blacksmiths" of the
>> electronic age ... and the ARRL and the "CW forever" group are telling
>> the FCC "This is what we want ... this is where we demand to remain."
>> That's pure techno-political suicide.
>> Carl - wa6vse
>> carl@ais.net
>
>Absolutely. Moreover, the NBA seems to favor these "olde fartz" like
>Michael Jordan, who don't use a ladder to drop a ball in a hoop. Why,
>may I ask? It's the 90's, and ladders have been around for thousands
>of years, man! Besides, what's the purpose of tossing a rubber ball
>around, anyway? We need the space, and the money, so let's just
>sell all basketball courts...
>:-)
>
>Joseph Camel

Michael Jordan and his co-workers are genetic freaks, and millions
of people pay out good money to watch their freak shows. Thus selling
the arenas wouldn't be sensible since they bring in so much profit.
But can the same be said for the amateur radio freak show? Are millions
of people willing to pay good money to come to some old geezer's shack
and watch him beep out Morse *real fast*? I don't think so. Thus your
analogy breaks down and has no merit in the current discussion.

Gary
--
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2817. Re: The final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: little@pecan.enet.dec.com
Message-ID: <51747c$3i8@usenet.pa.dec.com>
Source record: 216915
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <516q6f$45g@lehi.kuentos.guam.net>
pacrimgolf@kuentos.guam.net (Jim Kehler) wrote:

> I have noticed for the last three or four days that everytime I reply to
> a posting here, I get a response not from the original poster, but from
> you, Todd. Let me ask you a question, Todd. I'll make it easy, like the ham
> tests, multiple choice:

> e.) You appoint yourself as KH2D's own personal pain in the ass ?

Seems about right. ;-)

I hadn't realized that when you posted a followup that only the original
poster could comment. I think you must have e-mail and usenet confused.
You do know the difference? Also, if you want to take up fencing, I'd
suggest checking out rec.sport.fencing.

73,
Todd
N9MWB

PS The lawyer is Phil Kane, not Phil Karn. But I'm sure you knew that.

2818. Invest $5

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: Tom Lowe <dont@answer.com>
Message-ID: <32371389.48BB@answer.com>
Source record: 216916

Taking 5 minutes to read what follows could be one of the best decisions you have ever made.

On August 21, 1995, I saw an article in an internet newsgroup telling me I could make $50,000 within a month for an investment of only $5.

I thought it was a huge joke. I spoke to my attorney, friends and wife about it, and they all agreed it was some kind of scam. I can't stand scams, because usually someone gets burned, and I didn't want it to be me. After rejecting the idea at first, I realized all I had to lose was the $5 in my wallet, and not much else. So, needing more than just $5, I figured what the heck, and gave it a shot.

Two weeks later, I began recieving money in the mail! I could not believe it! Soon, hundreds, and then thousands of dollars began to roll in. Within 4 weeks, I had recieved a total of $32,445! It came from everywhere in the world.

If you follow the three steps below, there is no reason why the same shouldn't happen to you! This is a legitimate investment opportunity. You invest $5, and you recieve a return on your investment. So does the next investor. NOT ILLEGAL, NOT A CHAIN LETTER- PERFECTLY LEGITIMATE.

If you are not interested, then don't participate, but please print this article and pass it on to someone who may be interested, so they can take advantage.

The procedure is simple:
1) Write your name and address of 5 sheets of paper. Below that, write the words, "Please add me to your mailing list." Fold $1 note or bank draft or money order in each piece of paper and mail them to the following 5 addresses.:

1. Greg Carrol, 3658 Maurice Ave. Ft. Worth, TX 76111 USA
2. Mike Burek, 2007 Sunny Brook Drive, Austin TX 78723 USA
3. Joseph Foreman, 27 St. Georges Cres 3147 Ashburton, Vic. Australia
4. Rick Berk, 17-7 Pondway, Manorville, NY 11949 USA
5. Tom Lowe, P.O. Box 203 17080 Girona Spain

2) Now remove the top name from the list, and move the other four names up. In other words, #5 becomes #4 and so on. Put your name as the fifth one on the list. you can do this by simply retyping the article or reposting it to other newsgroups with the edited addresses.

3) Post the article to at least 200 newsgroups. There are 17,000, so it shouldn't be hard to find that many.

You are now in the mail order investment business, and should start seeing returns within a week or two. Of course, the more newsgroups you post to, the greater your return will be. If you wish to remain anonymous, you may use a psuedonym, but make sure your address is correct.

Now, here is why the system works:

-Of every 200 posts I made, I recieved 5 responses. Yes, only 5. You make $5 for every 200 posts with your name at #5.

-Each person who sent you $1 now also makes 200 additional postings with your name at #4. ie. 1000 postings. On average therefore, 50 people will send you $1 with your name at #4. $50.

-Your 50 new agents make 200 postings each with your name at #3 or 10,000 postings. Average return 500 people= $500. They make 200 postings each with your name at #2=100,000 postings=5000 return at $1 each=$5000. Finally, 5,000 people make 200 postings with your name at #1 and you get a return of $50,000 before your name drops off the list. AND THATS IF EVERYONE DOWN THE LINE MAKES 200 POSTINGS! Total income in one cycle= $55,000.

From time to time, when you see your name no longer on the list, you take the latest posting that appears in the newsgroups, and send out another $5, and put your name at #5, and start posting again. Remember, 200 postings is only a guideline. the more you post, the greater the return.

Lets review why you should do this. THE ONLY COST IS $5, AND 5 STAMPS, AND 5 ENVELOPES. Anyone can afford $5 for such an effortless investment with such SPECTACULAR RETURNS.

Some people have said to me, "what happens if the scheme is played out and no one sends me any money?" Big Deal, so you lose $5-but what are the chances of that happening??

There are millions of internet users, and millions of new net surfers every month.

Remember- read the instructions carefully, and play fairly. thats the only way this will work. Get a printout so you can refer back to this article easily.

Try to keep a list of everyone that send you money and alwys keep an eye on the postings to make sure everyone is playing fairly. You know where your name should be.

REMEMBER-HONESTY IS THE BEST POLICY.
ENJOY!!!

2819. Motorola/Techs

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: BGA2%RdgrFlt%NAH@go50.COMp.pge.COM
Message-ID: <vines.bbe5+ZUkBmb@go01.comp.pge.com>
Source record: 216917

Anyone know of a users group dealing with radio tech working on motorola gear, hams, repeater owners, mobile techs ?? I would like to find such a group, see what is going on as far a converting and using in ham bands, syntors, maxtrac, spectras , exchanging ideals. etc. Please reply to bga2@pge.com or krsixg@telis.org Alex kr6g

2820. Re: CQP logging software?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: jholly@cup.hp.com
Message-ID: <5173nu$aar@hpax.cup.hp.com>
Source record: 216918

Stan Huntting (stan@mutadv.com) wrote:
: I got my annual reminder of the upcoming California QSO Party (CQP) in
: the mail today (thanks to Jim, WA6SDM), and resolved to look for an
: appropriate logging program earlier than the weekend of the test ;-)

: There was once a Windows program, specifically for this contest, called
: CQPWIN. Does anyone know if it has been updated in the past two years?
: Does anyone have a suggestion for a simple, Windows, logging program for
: the CQP? Jim, WA6SDM, mentions that a number of NCCC-types have written
: their own. are any of these available, and do they cover the non-CA end
: of the contest?

: Thanks for any help, and 73,

: Stan
: --
Andy, AE6Y, has not mentioned an update to CQPWIN. Al, AD6E, has made
a few changes to his program. Al's is dos based, Andy's is Windows based.
If I recall correctly, they cover the out of state side of this. If you
say the right words, I could be persuaded to e-mail them to you.

73, Jim, WA6SDM
jholly@cup.hp.com

2821. Re: Newsgroup Question

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep11.182233.8157@ke4zv.atl.ga.us>
Source record: 216919
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <841522435snz@tgold.dialup.access.net> tgold@panix.com writes:
>In article <1996Aug30.181532.13958@ke4zv.atl.ga.us>
> gary@ke4zv.atl.ga.us "Gary Coffman" writes:
>
>> In article <504j63$k34@lehi.kuentos.guam.net> pacrimgolf@kuentos.guam.net
>> writes:
>> >Are 'rec.radio.amateur.misc' and 'rec.radio.amateur.policy' two different
>> >newsgroups, or are they just two different names for the same newsgroup ?
>> >
>> >Reason I ask is it seems everytime I download, I get the same thing in
>> >both groups. Is my newsreader screwed up or what ?
>>
>> Yeah, it's screwed up. It should only show you a crossposted message
>> *once*, in the first group where you read it. There's only one copy
>> of a crosspost on the system, stored in the group from which the
>> post originated, there are only pointers to it in the other groups.
>
>Are you *sure* you are familiar with the architecture of the newsbase
>structure in Jim's Forte newsreader, Gary?

No, I am not familiar with it, but I do know that if it doesn't handle
crossposts correctly, it is broken. And that's all I have to know about
it.

Gary

--
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2822. Re: Key Input Specs?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: Hans K0HB <71111.260@CompuServe.COM>
Message-ID: <5176pr$8d7$1@mhafn.production.compuserve.com>
Source record: 216920
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

It will depend on the rig, but 5 volts strikes me as too low.

I know many radios have 12VDC open circuit voltage
on the key jack. Check the specs of your rig.

--
73, de Hans, K0HB
--
The sum of the intelligence on the planet is a constant;
the population is growing.

2823. Re: Ham radio stores in Canada

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: Tom Hess <tom.hess@hydro.on.ca>
Message-ID: <32372AC6.16E7@hydro.on.ca>
Source record: 216921

Bruno Rosenthal wrote:
>
> Hello Friend,
> Don't know whether it's the right newsgrp (it's my first try anyway), so
> apologize for inconvenience caused if not.
>
> I'm going to Canada in 10 days. I'm looking for ham radio shops in
> Toronto, Ottawa, Montreal, Quebec (all cities on my trip).
>
> Thanks for your help
>
> 73, Bruno

I can only give you a couple for Toronto and area.

http://www.interlog.com/~ahr/ Atlantic Ham Radio
http://www.norham.com/ Norham Radio Inc.
http://www.norham.com/ Durham Radio

Tom VE3XTH

2824. Re: Ham radio stores in Canada

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: Tom Hess <tom.hess@hydro.on.ca>
Message-ID: <32372EFB.7FE9@hydro.on.ca>
Source record: 216922

Tom Hess wrote:
>
> Bruno Rosenthal wrote:
> >
> > Hello Friend,
> > Don't know whether it's the right newsgrp (it's my first try anyway), so
> > apologize for inconvenience caused if not.
> >
> > I'm going to Canada in 10 days. I'm looking for ham radio shops in
> > Toronto, Ottawa, Montreal, Quebec (all cities on my trip).
> >
> > Thanks for your help
> >
> > 73, Bruno

Oops. The last post didn't have the proper Durham URL.

http://www.interlog.com/~ahr/ Atlantic Ham Radio
http://www.norham.com/ Norham Radio Inc.
http://www.durhamradio.ca/ Durham Radio

Tom VE3XTH

2825. Re: query on repeaters ***WARNING***

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <517ar3$4nu@anomaly.ideamation.com>
Source record: 216923

In article <51590f$9jl@globe.indirect.com>,
Barry Rose <barry@indirect.com> wrote:

>If you have a jamming problem, the FCC will help. We had a problem with a few
>people in AZ recently and because of the efforts of our clubs interference
>committee, one has been issued an NAL for $6000 and in a seperate case, three
>others have been arrested. The trick is that you have to do a lot of the leg
>work but we have proved the FCC will enforce their rules if you present your
>facts right.

We attempted to "work within the system" by contacting the League's
OOC for the area and present him with detailed evidence, including
transmitter fingerprints, etc. His answer was to "help the troubled
teen" by "taking him under his arm" and, like so many league officials,
do absolutely nothing at all.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

2826. HAM: Getting started

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: "Jeremy Vink (aka \"Datum\")" <jvink@freenet.calgary.ab.ca>
Message-ID: <Pine.A32.3.93.960911161028.35804A-100000@srv1.freenet.calgary.ab.ca>
Source record: 216924

How would I get started in HAM radio? I don't have ALOT of money, but I'm willing to shell out just about anything less than $100. Also, how would I get a HAM licence?

(Jeremy Vink) Age: 15
Assistant System Administrator for
John Ware Junior High School,
Calgary, Alberta, Canada

2827. Re: Open Letter To Carl WA6VSE

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1DxLA9I.HAF@netcom.com>
Source record: 216925
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <515beo$rlh@lehi.kuentos.guam.net>,
Jim Kehler <pacrimgolf@kuentos.guam.net> wrote:
>
>I am writing this letter because I take issue with of Carl WA6VSE's claims.
[delete]
>In essence his claims are pure tripe. I myself find his opinions evil, heinous,

[massive delete]

Boy, talk about pure flame bait. Jim must not have anything better to do.

PS Jim, change your line wrap from 80 to about 72, easier for other to
reply without fixing due to ">", ">>",">>>" , ...

2828. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1DxLAJE.Hsn@netcom.com>
Source record: 216926
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <515bgo$rlh@lehi.kuentos.guam.net>,
Jim Kehler <pacrimgolf@kuentos.guam.net> wrote:
>
>I have a question. Or two. A what if. What if we all decide to open HF to hams
>with no code tests. Where do we put them ? Do we decide that HF is no longer
>subdivided into band plans by license class and just call HF 'HF period' ?
>
>Somewhere I keep seeing 'Support the No Code General'. Does that mean
>that no code proponents support giving the general phone bands to the
>no code licenses and leaving the rest of the band as is ? Do we allow no code
>licenses the use of the lower part of the bands, now used for CW and other
>digital modes ? Or do we keep them on SSB ?
>
>I know you guys want a no code HF license. But I don't know exactly
>what you expect to get when or if you get one. I have seen a lot of 'logic'
>from the Carl Clan supporting the 'plan', but I haven't seen much about what
>'the plan' is. That's why I am asking.
>
>Hafa Adai,
>Jim KH2D

The booze must have worn off from your last "Carl" post.

Simply put, substitute much more stringent technical written
tests for code test. Thats all.

Charles KB0WOB

2829. Re: ARRL and the little LEO grab

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: agray@voicenet.com
Message-ID: <323742BE.5D08@voicenet.com>
Source record: 216927
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

F. Kevin Feeney wrote:
>
> In article <32354001.424B@voicenet.com> , agray@voicenet.com writes:
> >Another mindless comment: ..."I doubt the lawyers could understand the
> >issues [even] if they were explained to them".
> >
> >Some of you so-called "technical" guys are really bigoted and narrow
> >minded. Guess only a select few, you among them, are capable of
> >understanding these "complex" issues, right Gary?
>
> Hey, if they talk like they're clueless, and make decisions like they're
> clueless, we assume them to *be* clueless. There's always exceptions.
> Just not enough of them. :-(
>
> Kevin, WB2EMS

Like you'd be in a position to know...

2830. IPS Daily Report - 11 September 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <517h7t$l7u@flare.syd.ips.oz.au>
Source record: 216928
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 11/2330Z SEPTEMBER 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE AUSTRALIAN SPACE FORECAST CENTRE
SUMMARY FOR 11 SEPTEMBER AND FORECAST FOR 12 SEPTEMBER - 14 SEPTEMBER

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 68/2

GOES satellite data for 10 Sep
Daily Proton Fluence >1 MeV: 2.6E+06
Daily Proton Fluence >10 MeV: 1.6E+04
Daily Electron Fluence >2 MeV: 3.6E+07 (normal)
X-ray background: A1.0
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
12 Sep 13 Sep 14 Sep
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 12 Sep: 68/2

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Quiet to unsettled

Estimated Indices : A K Observed A Index 10 Sep
Learmonth 10 3223 3222
Fredericksburg 20 34
Planetary 17 28

Observed Kp for 10 Sep: 5555 4332

2B. MAGNETIC FORECAST
Date Ap Conditions
12 Sep 8 Quiet to unsettled
13 Sep 8 Quiet to unsettled
14 Sep 6 Quiet

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band

Date Low Middle High
11 Sep Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
12 Sep Normal Normal Normal-fair
13 Sep Normal Normal Normal-fair
14 Sep Normal Normal Normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
11 Sep 7

Observed Australian Regional MUFs:
Darwin: 15-30% enhanced for the period 0800-1300UT,
otherwise near predicted monthly values.
Townsville: Near predicted monthly values.
Sydney: Near predicted monthly values.
Hobart: 15% depressed for the period 0100-1000UT, otherwise
near predicted monthly values.

Predicted Monthly T index for September: 9

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
12 Sep 5 near predicted monthly values
13 Sep 10 near predicted monthly values
14 Sep 10 near predicted monthly values

--
IPS Radio and Space Services | email: asfc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/asfc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
tel: +61 2 94148300 | fax: +61 2 94148331

2831. Re: ARRL and the little LEO grab

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: agray@voicenet.com
Message-ID: <32374601.4CE8@voicenet.com>
Source record: 216929
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

carl@ais.net wrote:
>
> In <32354001.424B@voicenet.com>, agray@voicenet.com writes:
> >Gary-
> >
> >Another mindless comment: ..."I doubt the lawyers could understand the
> >issues [even] if they were explained to them".
> >
> >Some of you so-called "technical" guys are really bigoted and narrow
> >minded. Guess only a select few, you among them, are capable of
> >understanding these "complex" issues, right Gary?
>
> agray ... he's right ... I've worked with those Washington lawyers ...
> even when you look at the ones who "specialize in communications law",
> most of them don't know jack about radio ... they know some "buzz
> words" and they know the laws and their loopholes and they know the
> "good old boy Washington bureaucrat circuit."
>
> BTW ... how many lawyers does it take to shingle a house???
>
> Depends on how thin you slice them!
>
> Carl - wa6vse
> carl@ais.net

And this from a guy who gets all upset when someone posts a statement criticizing the social skills of engineers? But it's ok to say to bash other occupations (I'm sure those Washington lawyers really felt inferior to you Carl) This is more of the theme that everyone but you and members of your "technical elite" is stupid, right Carl? It seems to be a consistent theme in your postings...

2832. Key West, FL. ??

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: wa4pgm@luna.moonstar.com
Message-ID: <NEWTNews.842488050.8859.wa4pgm@wa4pgm.moonstar.com>
Source record: 216930
Cross-posted to: rec.radio.amateur.misc,

I'm looking for any hams in Key West, FL. My girl friend
and I hope to spend Christmas down south this year and
I was wondering if anyone down there could give me any
information. Like what the weather is like in Key West
during xmas ? Warm ? We are looking to camp out while
there, maybe you have a big lot or ? and we could camp
there ? We'll only be in the neighborhood a couple days
and then off to another island. Any ideas ?
73 Kyle
WA4PGM

2833. Re: FS: All Ham Bands, Reply to Republican Congress

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: Wilson Jarvis <wjarvis@hal-pc.org>
Message-ID: <3237671B.4DBE@hal-pc.org>
Source record: 216931
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.amateur.policy

John Figliozzi wrote:
>
>
> > Look, you guys. This is an INTERNATIONAL newsgroup where the subject is
> > supposed to be about Amateur Radio, not American politics.
> >
> > Thanks,
> >
> > Bob, VE7HS
> >
> > rs@ham.island.net Robert Smits, VE7HS, Ladysmith B.C.
>
> To which I add, AMEN!

To which I add, the name of the this group is rec.radio.shortwave. If
you are going to cross-post, Bob, at least look at what groups you are
posting to!

AMEN,

WD4LKI

2834. Important message for AOL/Prodigy/compuserve Hams

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-1109961817410001@host21.cyberg8t.com>
Source record: 216932

You can spend hours each month browsing the rec.radio.swap newsgroup, and that costs you big bucks in access time. There is a far less expensive way to get this information.

I now e-mail all rec.radio.swap.posting to each day. No need to spend time on-line browsing. Do all your bowsing off line. I also include all the postings from My own Free Ham Classified service.

You'll never miss another good deal because you forgot to check into rec.radio.swap or The Raymond Sarrio Co's Ham Classified page.Add to that the big $$ you'll save over the course of a year and you can't go wrong.

Subscriptions are only $12 per year for the first 100 sign-ups, $18 thereafter. If interested call the order line below or check out my web page at http://www.sarrio.com 73's Ray
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront and web site developer. Located at http://www.sarrio.com.
24 hour orderline 1-800-413-1129 (all major credit cards accepted)!

In association with Brillar Enterprises http://win-win.com/brillar provider of discount CD-Roms!

2835. Re: Do we build? was(Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: brucetw@ix.netcom.com
Message-ID: <517q5o$oa2@sjx-ixn3.ix.netcom.com>
Source record: 216933
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>In article <50ps5d$9gr@news.Hawaii.Edu> jherman@Hawaii.Edu (Jeffrey Herman) writes:
>>I would venture to guess that of those radios still being built at home,
>>more are being built for CW use than SSB, FM, ATV, RTTY, digital, et
>>cetera. I make this judgement based on what appears on the QRP and
>>GLOWBUGS lists (Glowbugs is devoted to homebrewing tube gear).

>I'm not so sure of that. Between Hamtronics, Ramsey, Tentec, the late
>unlamented VHF Engineering, Down East Microwave, etc, and conversion of
>commercial surplus, I'd suggest that FM is the most popular for those
>who build or modify. And a good deal of that gets pressed into digital
>service. Note that this isn't scratch construction for the most part,
>but rather depends on kits or commercial surplus assemblies for the
>parts and basic design. However, a look at _Microwave Update_ or one
>of the Proceedings issues shows considerable at home scratch construction
>of this sort of equipment too. (And most of the kits aren't of Heathkit
>quality so they require considerable skills by the builder beyond simply
>following instructions and knowing how to solder in order to get them
>operational. Thus I'd tend to lump them under the banner of homebrew.)

>I know the sales figures for the GRAPES 29 MHz quadrature transceiver
>kit (several thousand units), and I have a fair guess for some of the
>others. Discounting commercial surplus conversion for the moment, I'd
>suggest we're looking at something on the order of 30,000 to 70,000
>non-CW units which have been shipped. Add in conversion of commercial
>surplus and you're looking at well over 200,000 units (conversion sometimes
>only requires changing the crystal and repeaking, which shouldn't qualify
>here, but often it requires fairly extensive changes which IMHO could fall
>into the category we're discussing). Note for the most part we're talking
>about both transmitters and receivers here, not just transmitters, IE
>complete working stations.

>If we also include the CB->10m conversions (including conversion of AM
>rigs to FM), we're looking at several thousand more non-CW home projects.
>And we have ringers like Campbell's T2 and R2. They're quadrature units.
>They can be used for CW, but they also work fine for SSB or digital (which
>is how I'm using mine). I have no idea how many kits Kanga has sold, or
>how many were built directly from the QST articles. I built mine from the
>articles, and modified them extensively in the process by replacing the
>analog audio phasing section with a DSP. I use them for QPSK experiments,
>but they would have worked for that without the DSP (just not as well).
>I know several others doing similar things with them, and some folks

>using them as SSB exciters (followed by a homebrew amp) and receivers.

>Most ATV transmitters (and receiving converters) have been homebuilt.
>They've either been kits or scratch built for high level modulated VSB,
>and for FM they have been mostly kits with only a few scratch built (pity,
>the FM units are easier to scratch build than the VSB units, and offer
>better performance). Of course the total isn't huge in any case since
>ATV isn't a hugely popular amateur mode.

>I'm leaving out what was historically the biggest kit supplier, Heathkit,
>because I don't think of them in the same way as the others. They are
>truly just home assembly rather than what we'd consider homebrew because
>of the extensive instructions and the care with which the units were
>designed to make them foolproof to assemble by someone with virtually
>no skills beyond reading and following directions. If they were included,
>you'd have a large number of respectable SSB transceivers and FM transceivers
>to add to the total. (I believe the HW-101 was the largest selling amateur
>kit of all time.)

>>Jeff KH2PZ / KH6 (ex WA6QIJ) (exclusively using homebuild CW transmitters)

>But the transmitter is only half of the station, and usually the simpler
>half at that. What about homebuilt receivers? I'd say by far the most
>popular receiver to build is a simple FM monitoring receiver. It is
>only one chip today, and can be assembled in an evening, yet it offers
>remarkably good performance (and you can build a matching one chip FM
>transmitter to go with it). Even a simple DC CW receiver is usually
>considerably more time consuming to build, and performance can be poor
>because of oscillator stability problems, no single signal filtering,
>and the hum pickup problem. The DC receiver works as well (or as poorly)
>for SSB or RTTY as it does for CW too (much the same can be said of
>superhets, depending on the filter chosen).

>I don't have much info on sales figures of QRP CW kits, though I suspect
>most of them sell in the hundreds, not the thousands, and I'm fairly
>confident the total is below that for the FM units mentioned. Quadrature
>and SSB kit sales (other than Heathkit) probably lag the CW kits because
>they are a bit more complex and specialized (but not very much, most of
>the complexity is in the receivers, and for good performance the CW receiver
>can't be much simpler than the others).

>I've only addressed radios, but if we look at other parts of the station
>suitable for home construction, we see a lot of activity. TAPR says
>their TNC kit sales exceeded 20,000, and GLB sold a bunch of their kits
>too. If we were to include Baycom or Hamcom style modems, the numbers
>would be huge, but I'll ignore them as too simple to fit this category.

>And of course there are amplifiers, antenna tuners, and antennas. They
>aren't respectors of mode, but many many amateurs build them. Now neither
>of the latter are rocket science, but it does take a wee bit of skill to
>get all but the simplest working right. Linear amplifiers are one of the
>most popular home contruction projects, and one of the most common homebrewed

>items seen for sale at hamfests. They can be challenging to do properly.

>I think you see CW transmitters as the most common because that's all
>you do, so your vision is a bit myopic on the subject of home constructed
>equipment (or you may be insisting on a purist definition of homebrew which
>doesn't admit anything but an original design by the home constructor). If
>you were active on other modes, you might find that there is quite a bit of
>building going on for them as well. Probably only at microwave, and for ATV,
>is homebrew the majority course, but it is alive and well on most of the
>other modes, not just among CW operators.

>For beginners, I think FM offers the best point of entry. The systems
>are simple (considering both transmitter and receiver), stability is
>less of a concern, performance can be quite good thanks to the common
>availability of high integration parts, and the only encoding you need
>to understand to use them is ordinary speech. There's also the factor
>that RF gets easier to do as you go up in frequency to where you can
>use simple striplines printed on circuit board, IE the "no tune" designs,
>and where you can use unconditionally stable MMIC amplifiers, and where
>high gain antennas are small and practical to build and install.

>Gary
>--
>Gary Coffman KE4ZV | You make it, | Due to provider problems
>Destructive Testing Systems | we break it. | with previous uucp addresses
>534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
>Lawrenceville, GA 30244 | |

Gary,
I was a bit puzzled by the focus of the survey. Why cw vs. no-cw as
THE pressing issue to bring before WARC? Are we satisfied with the
concept of incentive licensing, as administered by VECs, with multiple
choice question pools that very young children can memorize? Is IT a
world-wide issue? As I recall, incentive licensing was supposed to
promote proficiency by dangling exclusive band segments as a carrot.
Well, technology has changed a bit in the last couple of decades. I
was "proficient" by the FCC's determination in cw, and knowledge of
am, ssb, and fm theory, but I'm certainly notproficient in digital
modes. And the insides of my current fm rigs don't resemble the old
Motorola 41v boatanchor I used to use on the .34 -.94 repeaters from
here to California. I try to keep current, but the educational
channels tell me I'm not growing any new neurons.

IF we need to make class distinctions among hams, I think interest in
modes, bands, activities, etc. should be explored as a criterion for a
way of spreading out the congestion on the air. How about 3 basic
classes of licenses (novice, tech, advanced, or whatever) with
endorsements for cw, packet, ssb, EME, ...? The commercial licensing
system uses endorsements.

I'd hope that we would forever stay away from anything that smells of
type-accepted appliance operating as a distinction from our unique

privilege of homebrewing. Also, years of experience or "service" doesn't make much sense as a criterion, and not just from the neuron-depletion effect. Just because I've driven a car for 35 years, that doesn't say anything about whether I'm a capable, courteous and responsible driver.

I am afraid that the League is focusing on the minutae, with the cw issue at the forefront. Yes, it has to be addressed, because it is an international treaty stipulation. I'd like to see more thought put into how we can continue to cope with the pressures of accelerated growth in numbers of licensees competing for bandwidth, and the attendant need for more commercializaton to "keep our numbers up". The '99 Conference will produce answers; it's supposed to. Since it is, however, a conference, I think we need to bring up some real questions.

Ted / W2ICV (ex-K4UHR) Marietta, GA

2836. Re: Key Input Specs?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: tsw@3do.com
Message-ID: <tsw-1109962034310001@cypher.3do.com>
Source record: 216934
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

In article <513c0j$hre@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net wrote:

> "Rick Miller" <rdmiller@execpc.com> wrote:
>
> >Hi!
>
> >Can someone tell me what open-circuit voltage and closed-circuit current
> >the device attatched to the "key" input of a rig is supposed to be able to
> >handle? If 5 Volts and 25 mA is sufficient, I'll be a happy camper!
>
> >Otherwise, I'll have to use a FET I guess.
>
> >Rick Miller (kb9obn) rdmiller@execpc.com
>
> Give us a clue, Rick. Which 'rig' ?

Clues needed!! Many rigs are vastly different!! The most reliable method is a mercury whetted relay. These can be very small, but are VERY reliable!!

--
Tom Watson
tsw@3do.com (Home: tsw@johana.com)

2837. Re: Motorola/Techs

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: Jim Ross <jarjwr@xpressweb.com>
Message-ID: <323774E5.48C2@xpressweb.com>
Source record: 216935

BGA2%RdgrFlt%NAH@go50.COMp.pge.COM wrote:
>
> Anyone know of a users group dealing with radio tech working on motorola
> gear, hams, repeater owners, mobile techs ?? I would like to find such a
> group, see what is going on as far a converting and using in ham bands,
> syntors, maxtrac, spectras , exchanging ideals. etc. Please reply to
> bga2@pge.com or krsixg@telis.org Alex kr6g

I would also be interested in such a group as I like to convert mobiles
to repeaters..Jim WI7M

2838. Re: Open Letter To Carl WA6VSE

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: Phil Karn <karn@unix.ka9q.ampr.org>
Message-ID: <32379273.446B9B3D@unix.ka9q.ampr.org>
Source record: 216936
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Jim Cummings wrote:

> Good Lord Jim, Carl must really be getting under your skin for you to expend
> all that time typing out such drivel.

Uh, you should really follow the link at end of Jim's long flame.

Truly wonderful! I'll have to bookmark this one. How handy.

Phil

2839. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: Phil Karn <karn@unix.ka9q.ampr.org>
Message-ID: <32379175.2781E494@unix.ka9q.ampr.org>
Source record: 216937
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Jim Kehler wrote:
>
> I have a question. Or two. A what if. What if we all decide to open HF to hams
> with no code tests. Where do we put them ? Do we decide that HF is no longer
> subdivided into band plans by license class and just call HF 'HF period' ?

I don't think that's what's being proposed here, but it's actually
not a bad idea. Subbands are an anachronism given the supposed
flexibility of the amateur service combined with the emerging
technological trends toward more dynamic spectrum sharing.

If you want to get right down to the basic information theory,
the "commodity" that should be rationed to promote spectrum
conservation is not RF bandwidth, but RF *power*. Easing possible
biohazards is a nice bonus.

Way back in 1959 (when I was only 3 years old) John P Costas, K2EN,
wrote a seminal paper "Poission, Shannon and the Radio Amateur"
in which argued strongly against narrowband channelization and
made a strong case that the amateur service was a prime
candidate for what we now call "spread spectrum" methods. He showed
significant gains even from crude analog "SS-like" techniques;
given the modern digital technologies now available to us, his case
is even stronger now.

Phil

2840. Guernsey WWW pages

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: Steven Gibbs <sgibbs@guernsey.net>
Message-ID: <01bba015$2d023f60$1b7177c1@sgibbs>
Source record: 216938
Cross-posted to: rec.radio.amateur.dx,rec.radio.amateur.misc,uk.radio.amateur

I've taken away the "Under Construction" signs
and given a lick of paint to

Guernsey Amateur Radio Index
http://www.guernsey.net/~amateur_radio/

and linked pages. These pages look OK with
v3.0 of Netscape & MSIE, so pse let me know if
they create difficulties with your browser.

The pages reflect amateur radio activity
within a small community of hams, so if the
format would be useful in your area, please
don't hesitate to make use of the HTML.

Thanks to those who have provided links;
anyone wanting a reciprocal link please
let me know.

73, Steve GU3MBS 11Sep96
----=20
Steven Gibbs, sgibbs@guernsey.net
44 Les Prins, Vale, GU3MBS@GB7GUR.GB7LWB.#27.GBR.EU
GUERNSEY GY6 8HB UK telephone 01481 57605
via England. International +44 1481 57605

2841. Re: Info on Radio Beacons ...

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: ronkelley@earthlink.net
Message-ID: <51819v$9kb@chile.earthlink.net>
Source record: 216939
Cross-posted to: rec.radio.amateur.misc,rec.aviation.military,rec.aviation.misc

"Tom T." <TGT@akamail.com> wrote:

>Jim Weir wrote:

>> Well, yes, but...(1) He spammed every newsgroup remotely interested, not
>> (2) To be told that he doesn't
>> have the time to come back to all the groups he spammed and he wants

>Ah, I wasn't aware that such was the case. I tend to agree in that case!

> -Tom

Actually, Tom, Jim exaggerated a little. The original post went to
three newsgroups:

rec.radio.amateur.misc
rec.aviation.military
rec.aviation.misc

Given the topic of the question, a not unreasonable selection of group
titles, and hardly considered *spamming* by most people on the net.

Ron Kelley
NIBT

2842. 60 Foot Free standing tower

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: Jeff Hockenbrocht <jhocken@telis.org>
Message-ID: <3237A6EB.2EBC@telis.org>
Source record: 216940

Hi folks,

Im looking to buy a 60 foot free standing tower. Im having a dickens of
a time locating one (preferably used).
If you have info please email me at jhocken@telis.org.
Thanks!

2843. Anyone use a Part 15 FM Transmitter??

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: dwhowell@iamerica.net
Message-ID: <5150r7$3id@news1.iamerica.net>
Source record: 217055

Hello,
I am looking to hear from tech's that have experimented with the
Part 15 FM Transmitters for broadcasting. I was thinking about
getting one of the Ramsey Kits to play with. Has anyone had any luck
with range and etc..on these low power tx'er?

Please email
dwhowell@iamerica.net

2844. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: carl@ais.net
Message-ID: <5152ig$nf1@news.ais.net>
Source record: 217056

In <1996Sep10.174457.3770@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>In article <512dpc$89t@news.ais.net> carl@ais.net writes:
>>Gary,
>>
>>I must have missed something ... I don't see how you start out with 15%
>>(snip)
>>Please clarify this and set me straight on what you mean.
>
>Ok. Out of the total US amateur population, 33% entered by the
>code test free Tech route, IE after 1991. This is the large
>growth spurt fostered by the new license class. Now 45% of
>that group, or 15% of total licensees, have upgraded to a
>higher class license. 55% of that group, or 18% of current
>licensees, remain as Techs. Finally, if 18% of current amateurs
>are code free, then 82% must be coded, and thus have access
>to HF. But because the HF bands are obviously not that crowded,
>they aren't all exercising that privilege for whatever reason.
>
>Gary
>--

RRR 599 TNX OM ES 73 DE WA6VSE

2845. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: carl@ais.net
Message-ID: <5152mr$nf1@news.ais.net>
Source record: 217057

In <514397$av9$1@mhadf.production.compuserve.com>, Hans K0HB <71111.260@CompuServe.COM> writes:
>carl@ais.net said:
>
>>> Besides, there will be one hell of a lot more copies fo the
>>> survey sent to members via QST than will fall into the hands
>>> of "the barbarians".
>
>I would expect that a *membership* survey would be aimed at
>mostly reaching *members*, with perhaps a small sample of
>non-members to compare for differences.
>
>--
>73, de Hans, K0HB

Hans,

My point is that the ARRL falsely represents to the FCC, IARU, and ITU that it "represents" the (entire) U.S. ham community.

This is false. Only a modest minority of U.S. hams are ARRL members (most non-members voice disgust for the way ARRL is run and the policies it continues to drive home at the FCC as their reason for not belonging).

Of those that are "members", many freely admit that they do not feel the ARRL represents their views and that their ONLY reason for "membership" is to obtain a subscription to QST.

Since the ARRL is going to continue to represent to the FCC, IARU, and ITU that it "represents" ALL U.S. hams, the least they can do is survey the majority of hams who are not "members." (Not that I have any delusions that they will ultimately follow the will of the majority.)

73,
Carl - wa6vse
carl@ais.net

2846. Re: ARRL and the little LEO grab

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: carl@ais.net
Message-ID: <515390$nf1@news.ais.net>
Source record: 217058
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <512p2j$pv3@usenet.pa.dec.com>, little@pecan.enet.dec.com (Todd Little) writes:
>In article <50vi6b$5fu@news.ais.net>
>carl@ais.net wrote:
>
>> It's rare, from what I've seen, but here we disagree ... I DO believe
>> that the technical folks *specifically* wanted 2m and 70cm ... the
>> bands are technically ideal for their proposed operation and all of the
>> surrounding spectrum with similar technical characteristics is "owned"
>> by commercial interests with far more political and economic clout than
>> us hams. (Part of my career was involved in the mobile satellite
>> industry ... I'm quite familiar with some of the players.)
>
>What technical characteristics of 2m and 70cm make it ideal for
>the LEO services? Given the relatively high sky noise of those
>bands I'd have thought that microwave or above would be more
>preferable.
>
>73,
>Todd
>N9MWB
>

Todd,

Several things make them VERY attractive from a technical standpoint.

1) The ionosphere is more or less transparent at those frequencies.

2) It's easier to generate RF power efficiently (and get low noise figures, etc.) at these relatively low frequencies, compared to higher frequencies ... this equates to longer battery life in portables, which is highly desirable.

3) The lower the frequency of operation, the lower the Doppler shift/spread for a given relative motion between the user and the satellite ... this makes some system problems related to multipath fading rates and "smearing" of signal constellations in amplitude and phase by the multipath channel less severe and relatively easier to deal with (this is one of the major areas covered by my patents, so I'm quite familiar with the problems, such as the irreducible error rate phenomenon). These problems are particularly more severe in the LEO satellite systems than in GEO systems, where mobile motion is the major contributor to Doppler-related phenomena ...

73,
Carl - wa6vse

2847. Re: ARRL and the little LEO grab

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: carl@ais.net
Message-ID: <5153i2$nf1@news.ais.net>
Source record: 217059
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <32354001.424B@voicenet.com>, agray@voicenet.com writes:
>Gary-
>
>Another mindless comment: ..."I doubt the lawyers could understand the
>issues [even] if they were explained to them".
>
>Some of you so-called "technical" guys are really bigoted and narrow
>minded. Guess only a select few, you among them, are capable of
>understanding these "complex" issues, right Gary?

agray ... he's right ... I've worked with those Washington lawyers ...
even when you look at the ones who "specialize in communications law",
most of them don't know jack about radio ... they know some "buzz
words" and they know the laws and their loopholes and they know the
"good old boy Washington bureaucrat circuit."

BTW ... how many lawyers does it take to shingle a house???

Depends on how thin you slice them!

Carl - wa6vse
carl@ais.net

2848. Re: WTB or locate: Wen soldering gun tips

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: tkc@ncn.net
Message-ID: <32361261.4280744@news.netins.net>
Source record: 217060
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

On Tue, 10 Sep 1996 10:16:56 -0600, Walter Lamia <lamia@fc.hp.com> wrote:

>>I am looking for replacement tips for a Wen soldering gun. I believe
>>the company went out of business some time ago, but I still have a unit
>>that was my father's, and is probably 30 years old. It still works, but
>>the tip finally broke.
>>
>>I know it's a long shot, but maybe some oldtimers (no offense) on this
>>group might be able to give me a lead

Gee, Back one or two years ago when we could not BUY tips (no money)
we learned to take a chunk of #10 wire and make a tip...

Bend it then hit the loop with a hammer to rase the resistance put it in
your gun and use it for a year or two...

73 Dean WB0TKC

2849. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: carl@ais.net
Message-ID: <5154fd$nf1@news.ais.net>
Source record: 217061

In <514e14$c4r@vixen.cso.uiuc.edu>, w9sz@prairienet.org (Zack Widup) writes:
>
>What was probably THE major DXpedition of the decade, 3Y0PI (Peter I Island)
>had their digital equipment smashed in transit to "the most inaccesible
>place in the world". (See page 82 of the 3Y0PI book.)
>
>They carried on with 60,000 QSOs on CW and SSB. By the time they got the
>digital mode equipment going, they were only able to make about 1200 QSO's.
>
>73, Zack W9SZ
>--

So the "built the CW (and SSB) gear (they used) from the rubble of the
smashed digital gear," right???

As Gary (and I and others have) said "get real"!!!!!!!!!!!!!!

The CW/SSB rig could just as well have been the one that got smashed ...
the "luck of the draw" in this case does not merit ANY special
consideration for CW ...

Carl - wa6vse
carl@ais.net

2850. Re: re who enjoys cw

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: carl@ais.net
Message-ID: <5155b2$nf1@news.ais.net>
Source record: 217062

In <01bb9f0d$4c142340$5d5899ce@freeway.net.freeway.net>, <kcubilo@freeway.net> writes:
>come on guys get with it.one of the purposes of ham
>radio is to provide emergency communications now
>suppose we have a national emergency with very
>poor prop conditions are you guys on packet or the
>other digital modes going to get the message across?

Yup, they will ...

>how about weak signal ssb condx i dont think so.
>cw is king under these condx. call me a old fart or
>one that resist changes if you want.

OK, you're an old fart ... <grin>

Seriously, despite your sadly mistaken views, CW is NOT "king under those conditions" ... digital is, plain and simple. No contest. No question. If you don't believe the technical facts, you're not a "bad person", you've simply chosen to ignore reality.

Why don't you read up a bit on today's technology and get your facts straight? ... then your opinion will at least be based on valid data.

Carl - wa6vse
carl@ais.net

2851. Re: The final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: carl@ais.net
Message-ID: <5155on$nf1@news.ais.net>
Source record: 217063
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <514748$l7p@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net (Jim Kehler) writes:
>>Phil Karn <karn@qualcomm.com> wrote:
>> (a bunch of flawlessly correct, calm, sensible statments blowing
>> holes in EVERY one of Burt's "CW is the best" spiel)
>
>Where have we heard all this B4 ?
>
>

Jim,

If you're alluding that what Phil wrote sounds a lot like the things that Gary and I have said about the technical realities of CW vs. modern digital modes, I'm flattered ... (I atrongly *suspect* that Gary would probably feel likewise, but I'll let him speek for himself on that issue.)

Phil's reputation for technical expertise and excellence is well-established both in amateur and commercial circles ... I'd suggest you not "fence" with him ... you'll end up a gelding ...

Carl - wa6vse
carl@ais.net

2852. Re: Who actually ENJOYS CW and could care less abo

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: carl@ais.net
Message-ID: <5155tv$nf1@news.ais.net>
Source record: 217064

In <3234DA00.CB6@3-cities.com>, Carolyn S & James C Krogness <csjckrog@3-cities.com>
writes:
>Be a ham Carl and learn the code.

I am a ham ... I learned the code ...I passed a test ... I got a license
.. in 1975 (continuously licensed ever since.)

Try reading the posts before trying to take shots at others ...

Carl - wa6vse
carl@ais.net

2853. College Ham Group needs help

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: jbarnes@netcom.com
Message-ID: <jbarnesDxJo5J.4L5@netcom.com>
Source record: 217065

Hello,

Apparently my other messages got deleted without explanation so I'll try this again.

I am one of the officers in a college ham radio organization. We are a student club representing ham radio in the University of Georgia. Due to limited funds available for student organizations, we currently receive absolutely no funding from the University.

We are seeking ideas from fellow friends and hams on how to go about receiving funds/used equipments from corporations and other sources. If you have any ideas on who to write to for help or where we can obtain used equipment please send me mail at jbarnes@netcom.com

So far our only equipment consists of two VHF radios and a handmade repeater controller that make up a low powered VHF repeater. Any help in obtaining funding or used equipment for our club would be greatly appreciated.

We have great plans for our club but can't do it without help from somewhere.

Thanks,

Joe Barnes, KE4SWE
BARC - Bulldog Amateur Radio Club (University of Georgia -Athens, GA)

P.S. I forgot to mention, if anyone has ideas for us but would like to verify us, we *are* ARRL affiliated and also can be verified through the Office of Student Affairs at the University. We are an official University Club.

Maybe this message won't get deleted. :)

2854. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: carl@ais.net
Message-ID: <5156c9$nf1@news.ais.net>
Source record: 217066

In <1996Sep10.170547.3402@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>>Why should one mode get "protection" it isn't afforded now?
>
>Because it *needs* it. As machine digital grows, as it is, and as
>it will to a much larger extent if the changes we want are enacted,
>it is going to become increasingly hard for Morse users to compete.
>Just as we set up "Dx Windows" to allow distant stations a chance
>to function without being drowned by the high power locals grousing
>to each other about their lumbago, we need to setup a "CW Window"
>where those who still want to use CW can do so. Banning the use of
>CW would be wrong, and that's what we would be doing defacto if we
>don't set aside a place for it to be used in relative peace and quiet.
>

Gary,

OK, you're right ... CW will find it increasingly difficult to compete.
Maybe we SHOULD set aside a "CW window" ...

I hereby propose that the lowest 25kHz of each HF band be set aside as
"CW ONLY" ... since CW advocates believe (as evidenced by their own
assertions) that their mode is so spectrally efficient, this should be
sufficient to serve the ever-diminishing numbers of CW ops well for the
reamainder of time.

Carl - wa6vse
carl@ais.net

2855. Re: The final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <5158bn$r8f@lehi.kuentos.guam.net>
Source record: 217067
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

pcr@ic.net (phil reed) wrote:

>of course. It was written by Burt Fisher.

>You could save yourself a considerable amount of bandwidth and reading time if
>you just put Burt in your newsreader's killfile.

No, it wasn't written by Burt. If you'd pay attention, and read the original
article, it was written by someone on packet and Burt just quoted it, giving
credit to the original author.

73, Jim KH2D

2856. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <5157rk$hra@jupiter.planet.net>
Source record: 217068

> carl@ais.net writes:
> In <1996Sep10.170547.3402@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
> >>Why should one mode get "protection" it isn't afforded now?
> > >
> > >Because it *needs* it. As machine digital grows, as it is, and as
> > >it will to a much larger extent if the changes we want are enacted,
> > >it is going to become increasingly hard for Morse users to compete.
> > >Just as we set up "Dx Windows" to allow distant stations a chance
> > >to function without being drowned by the high power locals grousing
> > >to each other about their lumbago, we need to setup a "CW Window"
> > >where those who still want to use CW can do so. Banning the use of
> > >CW would be wrong, and that's what we would be doing defacto if we
> > >don't set aside a place for it to be used in relative peace and quiet.
> > >
> >
> > Gary,
> >
> > OK, you're right ... CW will find it increasingly difficult to compete.
> > Maybe we SHOULD set aside a "CW window" ...
> >
> > I hereby propose that the lowest 25kHz of each HF band be set aside as
> > "CW ONLY" ... since CW advocates believe (as evidenced by their own
> > assertions) that their mode is so spectrally efficient, this should be
> > sufficient to serve the ever-diminishing numbers of CW ops well for the
> > reamainder of time.
> >
> > Carl - wa6vse
> > carl@ais.net

i agree with Carl

the new pro no code steve

2857. dual band radio - which one?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: georgehe@unix.asb.com
Message-ID: <DxJLu9.246@news2.new-york.net>
Source record: 217069

Your opinion is important (to me anyway).....
Which dual band would you purchase and why ?

Interested in
accesories options and mods too ....

73, George

2858. Re: Ham Radio as an *ENJOYABLE* Hobby

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: vbook@vbook.com
Message-ID: <5159pn$6kf@kanga.accessone.com>
Source record: 217070
Cross-posted to: rec.radio.amateur.digital,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.dx,rec.radio.amateur.policy,rec.ham-radio.swap,rec.ham-radio.packet

In article <32306072.606@merlin.libelle.com>, dick@merlin.libelle.com says...
>
>mpenner@cloud9.net wrote:
>>
>> The primary goal of the group will be to fill an existing void by
>> providing an enjoyable forum for the discussion of technical, operating
>> and social topics of interest to radio amateurs.
>
>What a novel idea! :^) Here's hoping it catches on.
>--
>Dick Flanagan, W6OLD - (dick@merlin.libelle.com) - Minden, Nevada

You know, this is why we created Ham Radio Online. Ham Radio is actually a heck of a lot of fun!!!! And we are trying our best to report on the fun that most hams (who have not discovered the Internet :)) are having on the air, building antennas, tinkering with equipment, or slogging through a forest on a volunteer search/rescue mission.

Stop on by and enjoy our web site, http://www.hamradio-online.com - now read in 43 countries around the globe.

Ed (KF7VY) and Kim (N7VPL) Mitchell
email to vbook@vbook.com
Visit Ham Radio Online, it's free! at
http://www.hamradio-online.com

2859. Open Letter To Carl WA6VSE

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <515beo$rlh@lehi.kuentos.guam.net>
Source record: 217071
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

I am writing this letter because I take issue with some of Carl WA6VSE's claims. Let us note first of all that Carl confuses demagoguery with leadership and undocumented conspiracism with serious research. I attribute the social and psychological problems of modern society to the fact that I must protest his use of delirious spoiled brats to doctor evidence and classification systems and make brain-damaged generalizations to support immature, preconceived views. Actually, I undoubtedly insist that his opinion is a lazy cop-out. It's not necessarily the case that he has become increasingly jealous ever since childhood. On the contrary, it is neither possible nor desirable to ignore the issue of misoneism here. A critical reevaluation of some of Carl's politics would be beneficial. It should be intuitively obvious even to the most casual observer that none of what Carl says carries any weight.

In essence, his claims are pure tripe. I myself find his opinions evil, heinous, choleric, and more than a little untrustworthy, by which I mean that thanks to Carl, inane firebrands can now freely silence critical debate and squelch creative brainstorming. You won't hear his flunkies admit that he's logorrheic. You may not understand this now, and I don't fault you for that, but he has a driving need to commit acts of immorality, dishonesty, and treason. At the very least, I don't expect everyone to agree with me. If there is one truth in this world, it's that Carl's beliefs are steeped in spineless absolutism.

Taking that notion one step further, we can see that life is too short to have to put up with pesky lecherous-types. Quite simply, in my effort to uncover Carl's hidden prejudices, I will need to indicate in a rough and approximate way the two shallow tendencies that I believe are the main driving force of modern totalitarianism. Just to add a little more perspective, Carl often flirts with voyeurism. His platitudes constitute one of the many conduits of unilateralism in our culture. Naturally, he has neither honor nor integrity nor even knows what those words mean. Just wait until someone gets hurt as a result of his litanies. Then, more people will agree that his stratagems are not just about Marxism but also about commercialism. Even giving Carl the benefit of the doubt, it remains to be seen if Carl will prevent me from getting my work done by the next full moon. It may be obvious but should nonetheless be acknowledged that we should set the record straight. He and his cronies are puppets of the worst sorts of asinine nobodies there are.

For the moment, I will concentrate on the fact that every morning he asks himself, "How can I fool the masses today?". To some extent, some deep void within Carl makes it necessary for him to turn the trickle of negativism into a tidal wave. The greatest quote I ever heard goes something like this: "We must publicly distance ourselves from soporific slime." You might not care that he always sounds like he's reading a prepared speech, but you'd better start caring if you don't want him to introduce disease, ignorance, squalor, idleness, and

want into affluent neighborhoods. The key point here is that we can't stand idly by and let him create an atmosphere of mistrust, in which speculations and rumors gain the appearance of viability and compete openly with more carefully considered theories. There's no point in arguing with Carl. Of course, it's not quite that simple. His long-term stratagems of infiltration and mass propaganda have been so successful that he can now foment lackadaisical forms of political tyranny. There is little question that he blames others for his bloodthirsty deeds. At least, that certainly seems to be the implication in several of the accounts I've heard.

We all need to be aware of each other's existence as intelligent, feeling, human beings, even if some of us are intemperate ragamuffins. A day without Carl would be like a day without militant alcoholism. Don't let him delude you into denying that he doesn't care one whit about how others might feel. Furthermore, his grievances have no redeeming value. Soulless windbags differ from each other only in the degree to which they attempt to perpetuate misguided and questionable notions of other audacious mean-spirited secret agents' intentions. An inner voice tells me that Carl has a deficiency of real goals. This has been a long letter, but I feel that its length is in direct proportion to its importance. Why? Because some of Carl WA6VSE's theories raise important questions about future social interactions and their relationship to civil liberties.

Hafa Adai,
Jim KH2D

(http://www-csag.cs.uiuc.edu/individual/pakin/complaint)

2860. Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <515bgo$rlh@lehi.kuentos.guam.net>
Source record: 217072
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

I have a question. Or two. A what if. What if we all decide to open HF to hams with no code tests. Where do we put them ? Do we decide that HF is no longer subdivided into band plans by license class and just call HF 'HF period' ?

Somewhere I keep seeing 'Support the No Code General'. Does that mean that no code proponents support giving the general phone bands to the no code licenses and leaving the rest of the band as is ? Do we allow no code licenses the use of the lower part of the bands, now used for CW and other digital modes ? Or do we keep them on SSB ?

I know you guys want a no code HF license. But I don't know exactly what you expect to get when or if you get one. I have seen a lot of 'logic' from the Carl Clan supporting the 'plan', but I haven't seen much about what 'the plan' is. That's why I am asking.

Hafa Adai,
Jim KH2D

2861. Re: WA State Patrol controlling your radios

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: dragoman@geocities.com
Message-ID: <51574j$q67@tofu.alt.net>
Source record: 217073
Cross-posted to: rec.radio.scanner,wash.general,rec.radio.amateur.misc

Goodness gracious, a microsoft employee admits he knows nothing about
the internet! An honest statement form Microsoft, isn't that one of
the signs of the Appocalypse?

In article <01bb9f3e$fa8db400$3e6d379d@edmitch>, edmitch@microsoft.com
says...
>
>Wayne <wsmith@ezylynk.com.au> wrote in article
><842327907.296169@hera.starwon.com.au>...
>> This newsgroup is for Western Australia, not WAshington state. You
>> won't get much response from here.
>>
>> In article <DxDwp1.BqF@eskimo.com>, kc7iay@ibm.net (Bruce Miller)
says:
>> >
>> >The Washington State Patrol has proposed the adoption of a
>> >Washington Administrative Code regarding wireless communications
>> >systems used by motorists (not necessarly attached to vehicles).
>
>Actually, several of the groups are a world-wide forum (but we agree
that
>wa.general is probably not us!). Unfortunately there is no Washington
(WA)
>State specific online forum. And worse the stupid newreader I'm
using
>doesn't appear to allow me to delete wa.general from this reply.
Sorry
>about that.
>
>At least its posting on the global rec.radio.amateur.misc has been of
value
>because I live in WA state also and would not otherwise have known
about
>this issue. Now, let's not spend lots of time arguing amongst
ourselves -
>that rarely accomplishes anything - I've already written to the State
>Patrol and my elected representatives on this. I'm also posting
comments on
>our internal company ham radio group forum where perhaps 200 more
hams in
>WA (the U.S. one) will hear about this poorly worded proposal.
>
>Ed, KF7VY

>work: edmitch@microsoft.com
>personal: vbook@vbook.com
>"The opinions expressed are my own and do not necessarily reflect
those of
>my employer."
>

2862. CQP logging software?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: stan@mutadv.com
Message-ID: <515an0$dkr@news-2.csn.net>
Source record: 217074

I got my annual reminder of the upcoming California QSO Party (CQP) in the mail today (thanks to Jim, WA6SDM), and resolved to look for an appropriate logging program earlier than the weekend of the test ;-)

There was once a Windows program, specifically for this contest, called CQPWIN. Does anyone know if it has been updated in the past two years? Does anyone have a suggestion for a simple, Windows, logging program for the CQP? Jim, WA6SDM, mentions that a number of NCCC-types have written their own. are any of these available, and do they cover the non-CA end of the contest?

Thanks for any help, and 73,

Stan
--
Stan Huntting, KF0IA
Email: stan@mutadv.com
Fax: 303 444 2314
KaWin home page: http://www.mutadv.com/kawin/
Postal address: 4655 Pleasant Ridge Rd.,
Boulder, CO 80301-1731, USA

2863. Re: query on repeaters ***WARNING***

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: barry@indirect.com
Message-ID: <51590f$9jl@globe.indirect.com>
Source record: 217075

In article <514ju4$3ro@anomaly.ideamation.com>, kd1hz@anomaly.ideamation.com (Michael P. Deignan) wrote:
>In article <Pine.SUN.3.91.960910000708.23583C-100000@soran>,
> Jed Barton <jbarton@ici.net> wrote:
>
>>Hey there guys, is anyone familiar on how to hookup an s-com controler to
>>an icom repeater? The controler that comes with the machine is garbage
>>and I am planning on using an s-com controler. Any help would be
>>appreciated. Thanks and 73 from n1jbc.
>
>WARNING!
>
>DO NOT PROVIDE THIS INDIVIDUAL WITH ANY TECHNICAL INFORMATION ON THE
>OPERATION OF AMATEUR RADIO REPEATERS.
>
>He is a known (translated: caught red-handed) jammer in the Southeastern
>New England area. Any information you provide him *WILL* be used to jam
>and attempt to hack into existing repeater systems in the Southeastern
>New England Area.
>
>MD
If you have a jamming problem, the FCC will help. We had a problem with a few people in AZ recently and because of the efforts of our clubs interference committee, one has been issued an NAL for $6000 and in a seperate case, three others have been arrested. The trick is that you have to do a lot of the leg work but we have proved the FCC will enforce their rules if you present your facts right. You can see the storys on these two seperate incidences on our clubs page.

http://www.indirect.com/www/ara

I am sure that our interference chairman would be happy to help any group or individual get action from the FCC.

73
Barry Rose
ARA Board Member

2864. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: 73700.12@compuserve.com
Message-ID: <515dpc$i6m@hil-news-svc-4.compuserve.com>
Source record: 217076

In message <50nufc$p18@news.ais.net> - carl@ais.net6 Sep 1996 01:23:56 GMT
writes:
:>
:>In <50lllm$fph@arl-news-svc-2.compuserve.com>, 73700.12@compuserve.com (Jim :>Nuytens)
writes:
:>>Couldn't agree more. I used to live for packet chat nodes, but since the
:>>advent of flat-rate ISPs, it's not even a concern anymore. Much easier and
:>>more reliable to use IRC on the 'Net, than to try to get to a chat node 100
:>>miles and 4-7 nodes away. Response time is a hell of a lot better, too.
:>>Doesn't take 5 minutes (or LONGER) to get an answer to something you typed.
:>>
:>
:>Jim,
:>
:>Consider the following ... if we had more technically-inclined, skilled
:>individuals (like those being turned off by the CW testing) packet would
:>have progressed beyond its "dark ages" (1200/9600) and real networks
:>might be in place by now.

Carl,

I have to say that is the most far-fetched reasoning I've ever seen.

While I don't like CW and don't see it as anything I'm likely to pursue, the plain fact is that to have anyone believe that the reason we don't have viable high-speed packet links is because of CW, is going WAY out on the proverbial limb.

I'll tell you why packet has stagnated. It's because hams (in general) reflect the apathy and laziness of the general population. Couple that with the (until recently) high costs of those links and you get no forward progress. Everybody agrees (in theory) that we need the network to be there, but nobody wants to PAY for it. Try and ask hams for finances to pay for the radios, TNCs, and computers to run these systems and see how far you get. They'll cough up money for voice repeaters, but not digital ones.

Besides, you can't get more than 2 hams to agree on anything. I remember a few years ago when they (BBS ops, node ops, etc.) tried to get together to form a comprehensive plan for a network here in DE. By the time the "meeting" broke up, there were threats of bodily harm being flung about because these jack-asses couldn't park their egos at the door and compromise for the good of the amatuer packet community as a whole. That's another big reason you don't have the high-speed networks in place as well. 2 people trying to get a high-speed network in place will take longer to do (unless they have money to burn) than if you have 20 people pumping in money for the project.

You don't need CW to build those networks. That's just an excuse, Carl.
If the folks that want it all without code would spend just 25% of their
bitching-time building these glorious networks, we'd all be doing better.

For the record (for those of you Kilocycle Kops out there) I came in on the
No-Code ticket in May of 1991. Got my 5 WPM in August of the same year. That
makes me a "full" Tech. I've spent 15 years doing component-level repair of
electronics. I know the difference between an IC and a cow chip. That doesn't
make me "better" than anyone else, it's just a fact.

I will repeat this, in case you missed it. I have no love for CW, but if *I*
were king, I'd have 3 license classes at the most.

1) Eliminate the Novice. The preferred entrance class is Tech. In my
opinion, if you can't pass that, you shouldn't even be able to operate a
motor vehicle.

2) Roll the Tech Plus and General into 1 class with a CW test of say
around 5-8 WPM and a written test. The written test would be very
much like the current General with a few Advanced elements thrown
in for good measure.

3) Roll together the Advanced and Extra with a fairly tough written test.
This would get you everything on HF *except* for the current Extra CW
segments. In order to get those, you take an *optional* CW endorsement of
say 15 WPM.

4) Eliminate the *verbatim* question pools. You can have pools, but they
shouldn't be the EXACT questions. They should be similar to give a feeling
of the materials you need to study, but that's it.

Jim Nuytens Email:
V.P., Delaware Repeater Association 73700.12@compuserve.com
http://www.eecis.udel.edu/~dra

"I do have a cause. It is obsenity.....I'm for it!"

Tom Lehrer

2865. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: 73700.12@compuserve.com
Message-ID: <515dh1$i6n@hil-news-svc-4.compuserve.com>
Source record: 217077

In message <50nufc$p18@news.ais.net> - carl@ais.net6 Sep 1996 01:23:56 GMT
writes:
:>
:>In <50lllm$fph@arl-news-svc-2.compuserve.com>, 73700.12@compuserve.com (Jim :>Nuytens)
writes:
:>>Couldn't agree more. I used to live for packet chat nodes, but since the
:>>advent of flat-rate ISPs, it's not even a concern anymore. Much easier and
:>>more reliable to use IRC on the 'Net, than to try to get to a chat node 100
:>>miles and 4-7 nodes away. Response time is a hell of a lot better, too.
:>>Doesn't take 5 minutes (or LONGER) to get an answer to something you typed.
:>>
:>
:>Jim,
:>
:>Consider the following ... if we had more technically-inclined, skilled
:>individuals (like those being turned off by the CW testing) packet would
:>have progressed beyond its "dark ages" (1200/9600) and real networks
:>might be in place by now.

Carl,

I have to say that is the most far-fetched reasoning I've ever seen.

While I don't like CW and don't see it as anything I'm likely to pursue, the plain fact is that to have anyone believe that the reason we don't have viable high-speed packet links is because of CW, is going WAY out on the proverbial limb.

I'll tell you why packet has stagnated. It's because hams (in general) reflect the apathy and laziness of the general population. Couple that with the (until recently) high costs of those links and you get no forward progress. Everybody agrees (in theory) that we need the network to be there, but nobody wants to PAY for it. Try and ask hams for finances to pay for the radios, TNCs, and computers to run these systems and see how far you get. They'll cough up money for voice repeaters, but not digital ones.

Besides, you can't get more than 2 hams to agree on anything. I remember a few years ago when they (BBS ops, node ops, etc.) tried to get together to form a comprehensive plan for a network here in DE. By the time the "meeting" broke up, there were threats of bodily harm being flung about because these jack-asses couldn't park their egos at the door and compromise for the good of the amatuer packet community as a whole. That's another big reason you don't have the high-speed networks in place as well. 2 people trying to get a high-speed network in place will take longer to do (unless they have money to burn) than if you have 20 people pumping in money for the project.

You don't need CW to build those networks. That's just an excuse, Carl.
If the folks that want it all without code would spend just 25% of their
bitching-time building these glorious networks, we'd all be doing better.

For the record (for those of you Kilocycle Kops out there) I came in on the
No-Code ticket in May of 1991. Got my 5 WPM in August of the same year. That
makes me a "full" Tech. I've spent 15 years doing component-level repair of
electronics. I know the difference between an IC and a cow chip. That doesn't
make me "better" than anyone else, it's just a fact.

I will repeat this, in case you missed it. I have no love for CW, but if *I*
were king, I'd have 3 license classes at the most.

1) Eliminate the Novice. The preferred entrance class is Tech. In my
opinion, if you can't pass that, you shouldn't even be able to operate a
motor vehicle.

2) Roll the Tech Plus and General into 1 class with a CW test of say
around 5-8 WPM and a written test. The written test would be very
much like the current General with a few Advanced elements thrown
in for good measure.

3) Roll together the Advanced and Extra with a fairly tough written test.
This would get you everything on HF *except* for the current Extra CW
segments. In order to get those, you take an *optional* CW endorsement of
say 15 WPM.

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http://www.eecis.udel.edu/~dra

"I do have a cause. It is obsenity.....I'm for it!"

Tom Lehrer

2866. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: 73700.12@compuserve.com
Message-ID: <515dqg$i6k@hil-news-svc-4.compuserve.com>
Source record: 217078

In message <50nufc$p18@news.ais.net> - carl@ais.net6 Sep 1996 01:23:56 GMT
writes:
:>
:>In <50lllm$fph@arl-news-svc-2.compuserve.com>, 73700.12@compuserve.com (Jim :>Nuytens)
writes:
:>>Couldn't agree more. I used to live for packet chat nodes, but since the
:>>advent of flat-rate ISPs, it's not even a concern anymore. Much easier and
:>>more reliable to use IRC on the 'Net, than to try to get to a chat node 100
:>>miles and 4-7 nodes away. Response time is a hell of a lot better, too.
:>>Doesn't take 5 minutes (or LONGER) to get an answer to something you typed.
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:>Consider the following ... if we had more technically-inclined, skilled
:>individuals (like those being turned off by the CW testing) packet would
:>have progressed beyond its "dark ages" (1200/9600) and real networks
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make me "better" than anyone else, it's just a fact.

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motor vehicle.

2) Roll the Tech Plus and General into 1 class with a CW test of say
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much like the current General with a few Advanced elements thrown
in for good measure.

3) Roll together the Advanced and Extra with a fairly tough written test.
This would get you everything on HF *except* for the current Extra CW
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say 15 WPM.

4) Eliminate the *verbatim* question pools. You can have pools, but they
shouldn't be the EXACT questions. They should be similar to give a feeling
of the materials you need to study, but that's it.

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"I do have a cause. It is obsenity.....I'm for it!"

Tom Lehrer

2867. Festering Wound II

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: w9sz@prairienet.org
Message-ID: <515hif$g2t@vixen.cso.uiuc.edu>
Source record: 217079

I don't know why this text was sent uuencoded. For those afraid
of the possibility of getting a virus, I took the chance.

This is the text.

He has a point. I just wish he'd used a spell-checker.

Zack W9SZ

****

14.313 mhz
This amatuer frequency is a gapeing wound on amatuer radio ! And all
those persons whom continue the festering, & insight the discord,
should be ashamed of themselves. You show Ham radio in a very poor
public image, and cause a foul PR problem.
Then there are those whom use it as a public toilet, or a podium for
your self-pontifacation. This is equally as offensive as the day to
day abuses. I guess that you don't even realize that the things you
do there are seen by SWL's & hams, the world over, but I guess you
don't really care about amateur radio or what happens to it.
These actions only give those who wish to aquire ham frequency spectrum,
more ammunition to fight with. If this type of offensive activity
continues, ham radio on HF, as we know it now, will go away.
I don't know who. or why the B.A.R.F.(Better,Amatuer,Radio,Federation),
came to be. It's my guess that their "GOD", KV4FZ(Herbie), runs this
"organization". I have heard their "doctrine", they would be better
call; Biggots,And,Radio,Fascits). The members of this "group", seem to
be intent on "taking" by force, this frequency, from whom ever is on it,
at any time of day. On the other end of the rainbow, you have guys(whom
I will not name), that I refer to as "Super-Jews", that do mortal combat
on the airways, and over the phone-lines. They are locked in a struggle
against the BARF bigots(anti-Semites). This type of action, also wounds
amateur radio.
Enough about the "lesser" groups inhabiting 14.313. The greater problems
of this frequency, are "Jammers, interference, unidentified stations,
etc. (I wouldn't want to be heard on this freq. either.) The more persons
that "try" to clean it up, the more they fan the fire. These "idiots",
feed on attention, & revel in the limelight, and having their efforts
acknowledged. I know that there are a few hams out there that have tried
to fight the "idiots", but you will never win, as long as you give them
what they want, ignore them, IGNORE THEM, IGNORE THEM, pretend that
they don't even exist. I encourage all hams to not use that freq.,
don't talk to anyone that does, give them NO AUDIENCE, no listeners,
no fuel, no food, no ammo. With nobody to talk to or listen, these
"creeps", will fade away, lose interest, give up. This is the only way

to deal with "jammers", or QRMMERS as they are often called.
It's a sad day for amateur radio when these type of things are happening, it's hard to say why it has come to be.
I, personally have heard many "older" hams acting in this ill-mannered way, these guys/OT's should know better than this, the older guys should be teaching the younger hams "the art" of operation on ham radio, but they have gone "crazy" or something, they act like spoiled little children, bitching & jamming when anyone "dares" get near "their" frequency. As far as I know the FCC's rules state that "No stations have sole rights to operate on any frequency, when an existing contact occupies that frequency." There is the problem, even when the said frequency is quiet, and no stations are heard, these OT's think that nobody that is not a member of their "group", should be allowed to use it. The same goes for "NET" freq's, if you dare make a contact anywhere within 5 khz of "The (God's gift) to amateur Radio Net" freq. they turn into a bunch of Jammers, throwing carriers & noise on the offending operators. This makes them as bad as any other jammer.
The more ill-manners, bad operation, jamming, and over-all poor operation, that continues, the less likely it will be that we can "justify" the spectrum that hams use.
"Abusive language, in the name of "Free speech", is an abomination."
We need to put the "SERVICE", back into the AMATEUR RADIO SERVICE, and the Manners back into our operations, without it, there is no difference between Hams and CBer's

Matt/KK5DR
Sept.8,1996

--

2868. Re: Little LEO again (was Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: djfinn@ibm.net
Message-ID: <515itb$43lm@news-s01.ny.us.ibm.net>
Source record: 217080
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

myers@West.Sun.COM (Dana Myers) wrote:

cut)
>As you can see, Dave Sumner had this information at the time amateurs
>were asked to write. This alone was adequate to make me strongly
>suspect that more was going than we were being told.

First, there is nothing in your reference that mentions sharing.

Second, I do not know how sharing could work but I have not seen the proposal. However, I suspect it is not really necessary to examine the proposal in detail because primary usage is likely the ultimate goal. If sharing 'can' work, no one on the leo side has advanced a proposal as to how this might be accomplished. Rather an important consideration. If they really thought it could work, you would think they would have at least given a small clue clue as to 'how' this could be accomplished.

Third, although it is likely true that ARRL had more information than they chose to mention, (it would be surprising if they did not, since ARRL is more directly involved with the committees than the hams could ever be as individuals) , I think ARRL came up with the best possible response. They had a better sense of the politics. The ham community by and large had little sense of the politics and they couldn't be expected to have it. The average ARRL ham expects his lobby group to do that for him. He supports ARRL with his membership dollars. This is the way it should and basically did work. If we were to wait until the technical issues about the possibilities of sharing could be thoroughly examined in complete engineering detail, we would have not been able to 'send the message' in the quick time frame that was required in this case.

>It didn't magic knowledge or insider info to discover that the LEO
>folks were thinking about some very, very popular frequencies.

>As you'll see in the QST article since, my suspicion was correct
>that the LEOs believe they can share. So, Dan, I'm not sure
>I understand your accusatory tone - someone told me the sky
>was falling, and my skepticism made me think twice before running
>out and protesting. I believe the ARRL wanted a volume of letters
>regardless of content, which is what came to pass.

No accusations but some frustration. At a time when the ham community should be congratulating itself for a job well done, for doing the

only thing it could do and doing it very well lacking the money and influence of the commercials, you make a post that is negative about the letter writing campaign with little basis for support, imho. Sorry, but I think if everyone had waited for the supposed 'facts' as you did, the WG would be much closer to annexing 2m than it currently is today. I think ARRL displayed effective leadership in this case and obtained the intended results. They have done a lot to redeem their position as the voice of amateur radio, even if we don't end up winning. They did manage to do the best any organization could with the resources they had (basically people (us), and not a lot of money).

73

KR4AJ

2869. IC-2710 Mods?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: dbm@netcom.com
Message-ID: <dbmDxK0H1.LC8@netcom.com>
Source record: 217081

Does anyone have mods for the Icom IC-2710? Or can you point me to a site
that may have a file with them?

Thanks in advance,
Dean
WB2CMN

--

____
Dean McDermott dbm@netcom.com

2870. Re: Little LEO again (was Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <515noo$mmk@abyss.West.Sun.COM>
Source record: 217082
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <515itb$43lm@news-s01.ny.us.ibm.net>,
Dan Finn <djfinn@ibm.net> wrote:
>myers@West.Sun.COM (Dana Myers) wrote:
>

>>As you'll see in the QST article since, my suspicion was correct
>>that the LEOs believe they can share. So, Dan, I'm not sure
>>I understand your accusatory tone - someone told me the sky
>>was falling, and my skepticism made me think twice before running
>>out and protesting. I believe the ARRL wanted a volume of letters
>>regardless of content, which is what came to pass.
>
>No accusations but some frustration. At a time when the ham community
>should be congratulating itself for a job well done, for doing the
>only thing it could do and doing it very well lacking the money and
>influence of the commercials, you make a post that is negative about
>the letter writing campaign with little basis for support, imho.

What makes you think the ham community should be congratulating itself
for a job well done? Is the job 'done'? What is negative about
my post?

I've been on the net long enough to recognize an e-mail bombing in the
works. If 1000 amateurs write physical letters to the FCC, some low-paid
clerk sifts through the mail bags - if 1000 amateurs write e-mail to
individual FCC employees, these well-paid employes have to spend time
sifting through their mailboxes. If you don't think this is a hassle,
I'll tell you how to create a 'sendsys' Usenet control message and
you can tell me what you think about a flood of mail.

I doubt that Sumner realized how anti-social an e-mail bombing really
is when he encouraged all hams to do it to the IWG-2 committee members,
but that doesn't change the fact that it was anti-social. Am I being
negative when I point out that the ARRL leadership encouraged the
hams to do something considered very rude? Again, if you don't think
an e-mail flood is rude, you haven't been there yet. It is a kind of
terrorism.

Furthermore, the committee was deluged with messages that are almost
certainly content-free as far as they're concerned. The only content
those letters can be expected to have is "don't take away 2m or 70cm" -
and the IWG group probably isn't planning to take away 2m or 70cm,
despite the paranoid speculation to the contrary.

>Sorry, but I think if everyone had waited for the supposed 'facts' as
>you did, the WG would be much closer to annexing 2m than it currently
>is today. I think ARRL displayed effective leadership in this case and
>obtained the intended results. They have done a lot to redeem their
>position as the voice of amateur radio, even if we don't end up
>winning. They did manage to do the best any organization could with
>the resources they had (basically people (us), and not a lot of
>money).

Again, what results have the FCC accomplished? Have 2m and 70cm been
removed from the candidate list? Why is it time to party?

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

2871. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: pklein@news.seattleu.edu
Message-ID: <515tmb$gha@handel.seattleu.edu>
Source record: 217083
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <Pine.BSI.3.93.960905151935.23229B-100000@cais2.cais.com>,
<zut@cais.com> wrote:

>Some claim that
>operating digital modes is "developing the art" as you call it, but
>where's the "art" in buying an box and plugging it into a PC that 's
>loaded with software to do all the work? Absolutely all it takes is an
>ability to read the box's instruction manual.

Some of the software manuals I've read are far more difficult than any of
the amateur exams I've taken, and I've taken 'em all. :-)

Also, while we don't fabricate our ICs by hand from beach sand, there is a
certain amount of learning that goes on just by using a new mode or piece
of gear. Don't discount that--I think it's a very important aspect of ham
radio. We play, and we learn. Not all of us are circuit designers or
engineers, but we still know more than we would otherwise.

I have a music and theatre degree. My job is in computers and networking.
I owe my technical background--and thus my livlihood--to ham radio.

73,
Peter - KD7MW

--
Peter A. Klein (pklein@seattleu.edu) : ------==3== --- ---
Network Administrator, LAN/WAN/Novell : | | | | | | | |
Seattle University, 296-5569 : @| @| @| @| @| @| @| @|

2872. Re: Ham Radio as an *ENJOYABLE* Hobby

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <32368938.7DD0@ccsnet.com>
Source record: 217084
Cross-posted to: rec.radio.amateur.digital,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.dx,rec.radio.amateur.policy,rec.ham-radio.swap,rec.ham-radio.packet

Ed Mitchell wrote:

> You know, this is why we created Ham Radio Online. Ham Radio is actually a heck
> of a lot of fun!!!! And we are trying our best to report on the fun that most
> hams (who have not discovered the Internet :)) are having on the air, building
> antennas, tinkering with equipment, or slogging through a forest on a volunteer
> search/rescue mission.

Ham radio is so much fun that I gave up sex just to call CQ contest
and pass routine traffic.

```
#================#=====================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | The less you say, the more people will remember |
#================#=====================================================#
| k1oik@ccsnet.com |
#=========================================================================#
```

http://www.qrz.com/cgi-bin/qrz_gifs?k1oik.gif

2873. Hand Delivery of FCC 610-V Vanity Call applications.....

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: mc@granite.sover.net
Message-ID: <5161uf$5oq@granite.sover.net>
Source record: 217085
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

My friend and I will be driving to Pittsburgh to hand deliver our 610-V forms to the Mellon Bank. We feel this is the only way we can get our own applications in early.

To cover expenses we have decided to see if anyone would be interested in having us deliver their 610-V forms and help us with the expenses. We will arrive Sunday night and be there at midnight or whenever the doors open.

If you are interested in having us hand deliver your 610-V form please reply by e-mail. Depending on the number of responses we will figure out what the contribution should be.

73,

Michael Crestohl, KH6KD/W1 (but not for much longer!)
mc@sover.net

2874. Re: Info-Hams Digest V96 #1030

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: jjc@infi.NET
Message-ID: <2.2.16.19960911061815.5ff71550@mailhost.infi.net>
Source record: 217086

At 09:58 AM 9/10/96 PDT, Info-Hams Mailing List and Newsgroup wrote:

>Date: Wed, 04 Sep 1996 21:56:37 -0400
>From: Steve Kramer <kramersj@ucbeh.san.uc.edu>
>Subject: INMARSAT COMMS
>
>Does anyone know FOR SURE if INMARSAT carrys any nbFM voice?
>Has anyone heard nbFM on INMARSAT?
>
>I have heard INMARSAT digital stuf using and R-7000 a preamp and a 4ft
>fiberglass dish. But this was only temporary and it was quite cold
>outside!!!

It is alittle wider than true "narrowband" but quite copyable with a R-7000
or R-7100 using a pre-amp and a 1 meter dish.

..Jim

<:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:>
<:> Jim Conrad - Ocean View Communications - jjc@infi.net <:>
<:> 757-490-8217 Office - 757-587-8251 Fax - 757-473-6740 Pager <:>
<:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:>

2875. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: rsbaker@dove.mtx.net.au
Message-ID: <5165pu$t32@curlew.mtx.net.au>
Source record: 217087
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In <cgreenha.629.322EC0AC@magnus.acs.ohio-state.edu>, cgreenha@magnus.acs.ohio-state.edu (Christopher K. Greenhalgh) writes:
>In article <Dx82ou.Co9@pe1chl.ampr.org> rob@pe1chl.ampr.org (Rob Janssen) writes:
>
>
>>It only IS 9600 baud ready in YOUR opinion, and possibly Kenwood's.
>
>[subtle insults snipped]
>
>No Rob...thats a fact. Want to come over to my house? It spewing data
>as we speak at 9.6k.
>
>Take care.
>
The question is, how efficiently is it using the channel? If you have to run a TXDelay parameter of more than 50mS (which should be the absolute maximum considered usable for 9k6) then you're spending more time sending sync flags and rubbish than actual data!

Any radio not capable of operating on a channel running a TXD of 10-20mS is *not* 9600 ready, regardless of what the manufacturer, retailer or friendly ham down the road says.

Quite separate from the TX problem is the question of how long does the receiver take to lock onto an incoming signal...I guarantee that if somebody transmitted a 9600bd data packet to you with a 10mS TXD it would be gone before your RX even knew it was there. Get a whole group of people on a channel with radios capable of that and get them talking and then put *one* user on the channel with a slow radio and *nobody* will get any useable throughput from that point on! Why? Because the slow radio won't hear any of the other traffic and will continually transmit retries over the top.

To reiterate, any radio not capable of running between 10 and 50mS TXdelay (or coping with others doing so) is *not* suitable for or capable of efficient 9600bd packet operation.

Regards,
Rod.

2876. Re: IC-2710 Mods?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <5167ru$1qa@lehi.kuentos.guam.net>
Source record: 217088

dbm@netcom.com (Dean McDermott) wrote:

>Does anyone have mods for the Icom IC-2710? Or can you point me to a site
>that may have a file with them?

>Thanks in advance,
>Dean
>WB2CMN

Try Icom America, in Bellvue, Washington. They have an excellent tech support service available via the phone.

73, Jim KH2D

2877. Re: The final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <5167ok$1qa@lehi.kuentos.guam.net>
Source record: 217089
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

carl@ais.net wrote:

>In <514748$l7p@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net (Jim Kehler) writes:
>>>Phil Karn <karn@qualcomm.com> wrote:
>>> (a bunch of flawlessly correct, calm, sensible statments blowing
>>> holes in EVERY one of Burt's "CW is the best" spiel)
>>
>>Where have we heard all this B4 ?
>>
>>

>Jim,

>If you're alluding that what Phil wrote sounds a lot like the things
>that Gary and I have said about the technical realities of CW vs. modern
>digital modes, I'm flattered ...

Good. I'm happy you are flattered.

>Phil's reputation for technical expertise and excellence is
>well-established both in amateur and commercial circles ... I'd suggest
>you not "fence" with him ... you'll end up a gelding ...

I'm tired of fencing, Carl. Especially with a stone wall. If it was chain link
fence, there might be some light coming thru, but ....

I had hoped you had realilzed that, and responded to some recent
postings I made asking questions about a truce, but I guess when you
are busy fighting the war, it takes a long time for you to get around to
the new mail.

Besides, if I recall correctly, Phil is now an attorney, and I know better
than to fence with those guys.......

73, Jim KH2D

2878. ** FLEA at MIT ** Sunday 15 September Cambridge MA

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: w1gsl@athena.mit.edu
Message-ID: <5168li$aml@senator-bedfellow.MIT.EDU>
Source record: 217090
Cross-posted to:
rec.radio.swap,rec.radio.amateur.misc,rec.radio.info,sci.electronics.misc,ne.forsale,ne.general,rec.radio.amateur.homebrew

This comming Sunday...

*** !!!! WE ARE BACK IN THE GARAGE !!!! ****
so come rain or shine or super heat the Flea is on !!!

********* $1 buyers discount with hardcopy of this notice ********

COMPUTERS - ELECTRONICS - HAM RADIO - COMPUTERS - ELECTRONICS - HAM RADIO

FLEA all SUMMER at MIT
September 15th, 1996
9AM-2PM

Come to the city for a great flea - plenty of free parking.

MIT's electronics and ham radio flea will take
place on the third Sunday of each month this summer,
April thru October.

There is tailgate space for over 600 sellers and
free, off-street parking for >1000 cars!

Buyers admission is $4 (you get $1 off if
you're lucky enough to have a copy of our ad)
and sellers spaces are $10.00-each at the gate.

The flea will be held at the corner of Albany and
Main streets in Cambridge; right in the Kendall
Square area from 9AM to 2PM, with sellers set-up
time starting at 7AM.

!! RAIN or SHINE !! Have no fear of rain, a covered
well illuminated tailgate area is available for all
sellers (6'8" clearance).

Talk-in: 146.52 and W1XM/R-449.725/444.725 (PL 114.8/2A).

Sponsors: MIT Electronics Research Society
MIT UHF Repeater Association (W1XM)
MIT Radio Society (W1MX)
Harvard Wireless Club (W1AF)

For more info / advanced reservations 617 253 3776

********** $1 buyers discount with hard copy of this notice ***********

****
Steve Finberg W1GSL w1gsl@mit.edu
PO Box 82 MIT Br Cambridge MA 02139-7082 617 258 3754
****

2879. When is Rochester NH, Swap Meet???

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: surplus@tiac.net
Message-ID: <516b5c$ar1@news-central.tiac.net>
Source record: 217091

What is the date for the fall Rochester, NH "hosstrader" Swap Meet???

Thanks, Charlie (surplus@tiac.net)

2880. Re: Open Letter To Carl WA6VSE

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: Jim Cummings <jcumming@clark.dgim.doc.ca>
Message-ID: <3236DB0D.69DA@clark.dgim.doc.ca>
Source record: 217092
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Jim Kehler wrote:
>
> I am writing this letter because I take issue with some of Carl WA6VSE's claims.

(much deleted for brevity)

> An inner voice tells me that Carl has a deficiency of real goals. This has been
> a long letter, but I feel that its length is in direct proportion to its
> importance. Why? Because some of Carl WA6VSE's theories raise important
> questions about future social interactions and their relationship to civil
> liberties.
>
> Hafa Adai,
> Jim KH2D
>

Good Lord Jim, Carl must really be getting under your skin for you to expend
all that time typing out such drivel.

73 and live better digitally
Jim, VE3XJ

2881. ** New England Ham - Electronic Fleamarket Dates * September * Update

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: w1gsl@athena.mit.edu
Message-ID: <516d0i$dqk@senator-bedfellow.MIT.EDU>
Source record: 217093
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.info,sci.electronics.misc,sci.electronics.equipment,ne.forsale

```
New England Area Ham - Electronic Flea Market *** DATES *** 1996 P 1 of 2
All events are Ham Radio/ Electronic related except ~_____~
*******************************************************************************
1996 Contact Source
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
14 Sept Ballston Spa NY SCRACES 7A $4-5 Ti147.84- Lenny N2KKP 518 885 4933

14 Sept Pawcatuck CT SCWS Auction @9 @NeighCtr Bill KA1ZZR 401 596 5849

15 Sept Cambridge MA FLEA at MIT Nick 617 253 3776 F
3rd Sunday Each Month April thru October +
***** Back in our traditional Garage location ... covered tailgate +
space is again available for everyone !!!! **** +

15 Sept Newtown CT CARA @Town Hall rt6 $4@9 $10/T@7 John N2DVX 203 438 6782 F

21 Sept Forestdale RI RIFMRS @VFW rt146 8A flea+auct Rick K1KYI 401 725 7595

21 Sept Randolph Ctr VT CVARC @TechCol I89x4 $4@8 Tom WA1YNU 802 244 7836 F

21 Sept Lincoln ME Bagley ARC @Ella Burr school Don N1JNK 207 723 4205 A

21 Sept Gloucester MA CAARA @6 Stanwood s$15/t@10 b$0 Rick WZ1B 508 281 5641

29 Sept Yonkers NY Metro70 @Lincoln HS $25/T@7 $6@9 Otto WB2SLQ 914 969 1053 F

29 Sept Framingham MA @ HS $14@8 $10tg $3@9 Martin AA1ON 508 435 0564 F

4,5 Oct Rochester NH Hoss Traders @FG x13 rt16 $20@9A $5@3PM fri Joe K1RQG

5,6 Oct Boxboro MA ARRL NE DivConv $7B+$9/S/Day Anthnoy WA1MWN 617 334 5770 F

6 Oct Woodbury NY LIMARC $15/s@7:30 $6@9 Mark NK2T 516 796 2366

12 Oct Teaneck NJ BARA @FD Univ $10/sp b$3@8 Jim K2ZO 201 664 6725 F+

13 Oct Durham CT NUTMEG CT Conv @FG $5@9 $10/tg@4pSat Kit N1MCC 860 873 2798 F

13 Oct Queens NY @HallofScience 47-01 111st $5@9 Arnie WB2YXB 718 343 0172 A

20 Oct Cambridge MA FLEA at MIT Nick 617 253 3776 F

20 Oct Melville LI NY RCARC n2mdq@li.net Steve N2MDQ 516-584-5909 A

26 Oct Plymouth MA Mayflower RC @Mem Hall 9-3 sell@8 Jon WS1K 508 746-0162

26 Oct Nashua NH NE Antique RC $5@8 $1@9 @ Res Ctr Church 617 923 2665

26 Oct Montreal PQ CRAdeM Francois VE2FDA 514 672 9994 A+
```

26.27 Oct Waltham MA Photographica 10-5 $5 ~photo~ (bef 9PM) Ed 617 965 0807

27 Oct Southwick MA HCRA ** CANCELLED ** Barry N1IJK 413 747 7010 +

27 Oct Lindenhurst NY GSBARC Walter KA2RGI 516 957 0218 A+

1 Nov Agawam MA HCRA Auction 7:30PM @FH Cong Ch Steve WA1EYF 413 596 8216 +

2 Nov Waterford CT Tri-City ARC Auct @SRctr RT85 @10 noTG Bob 203 739 8016 +
~~~~~~
LAST UPDATE 9-11-96 de W1GSL P 1 of 2
****
Additions/ Corrections via Internet w1gsl@mit.edu
SASE for updated copy. TCPIP w1gsl@gw.w1mx.ampr.org
AX.25 w1gsl@wa1phy.#ema.ma.usa
(c)1996 W1GSL US Mail W1GSL POB 397082 MIT Br Cambridge MA 02139
P 2 of 2
~~~~~~
1996 Contact Source
~~~~~~
10 Nov Branford CT SCARA @midSch $20/T@7 $5@9 ti 146.01/.61 203 483 0856 F+

17 Nov Poughkeepsie NY Mt B ARC @Arl HS s@6 b@8 Ken KL7JCQ 914 485 9617

30 Nov Newton MA WARA/1200RC Auction @Masonic $2@11 Eliot W1MJ 508 664 0773
~~~~~~
1997 Contact Source
~~~~~~
11 Jan Marathon NY SkylineARC Barbara KB2TIK 607 849 6751 A+

18 Jan Nashua NH NE Antique RC $5@8 $1@9 @ Res Ctr Church 617 923 2665

19 Jan Yonkers NY Metro70 Otto WB2SLQ 914 969 1053 A

9 March Lindenhurst NY GSBARC Walter KA2RGI 516 957 0218 A+

5,6 April Baltimore MD Hamboree @Timonium 8A- 800 HAM FEST A

13 April Southington CT SARA @HS $15/T@6:30 $3@9 Chet KA1ILH 860 628 9346

19 April Nashua NH NE Antique RC $5@8 $1@9 @ Res Ctr Church 617 923 2665

20 April Flea at MIT Nick 617 253 3776 F
Third Sunday -- April thru October

4 May Yonkers NY Metro70 Otto WB2SLQ 914 969 1053 A

18 May Flea at MIT Nick 617 253 3776 F

30 May - 1 June Rochester NY ARRL Atlantic Conv Harold K2HC 716 424 7184 A

15 June Flea at MIT Nick 617 253 3776 F

19 July Nashua NH NE Antique RC $5@8 $1@9 @ Res Ctr Church 617 923 2665

20 July Flea at MIT Nick 617 253 3776 F
~~~~~~

17 Aug Flea at MIT Nick 617 253 3776 F

24 Aug Yonkers NY YARC John WB2AUL 914 969 6548 A+

21 Sept Flea at MIT Nick 617 253 3776 F

28 Sept Yonkers NY Metro70 Otto WB2SLQ 914 969 1053 A

19 Oct Flea at MIT Nick 617 253 3776 F

25 Oct Nashua NH NE Antique RC $5@8 $1@9 @ Res Ctr Church 617 923 2665
~~~~~~
LAST UPDATE 9-11-96 de W1GSL P 2 of 2
Source F= Flyer T= tentative early info + = new info this month
A= ARRL V= VE list D= W1DL WR NV 73 CQ QST = Mags
This list has been compiled from many sources. While we believe the info to
be accurate the author can not be responsible for changes or errors.
Check with the sponsoring organizations for more details. This list will be
posted monthly to USENET. Mailed copies are sent when additions are made.
****
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SASE for updated copy as issued.
~~~~~~

2882. Tek scope sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: Tom Phillips <76252.2720@CompuServe.COM>
Message-ID: <516do9$49v$1@mhafn.production.compuserve.com>
Source record: 217094
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Tektronix 453 dual channel 60mhz (110mhz with x10 mult) with delay
time mult. for sale. Mint condition, original manual plus one
probe. $650.00. On used market now for $850 - $900.
All functions work and still in calibration.

Email respose to tomsrig.@flash.net, or post reply here.
Tom - AB5ZJ

2883. Ham Radio.FAQ Now on WWW

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: john@wd1v.mv.com
Message-ID: <john-1109960142390001@wd1v.mv.com>
Source record: 217095

Announcing NEW Ham Radio.FAQ

This file started as a regular USENET posting called "rec.radio.amateur
.misc Frequently Asked Questions".

The evolving file was distributed far and wide thanks to passionate
contributors. The file was abandoned in 1994 and has been resurrected
now on the WWW for currency and convenience.

Ham Radio.FAQ contains 3 chapters and many, many links to radio
related sites!

1 - Introduction to the Ham Radio.FAQ
2 - Amateur Radio Organizations, Services, and Data Sources
3 - Amateur Radio Advanced and Technical Questions

Please provide a copy of the Ham Radio.FAQ to any new or soon-to-be Hams
that you know or share with them the URL to this site:

http://www.mv.com/ipusers/wd1v

73,

John D. Seney |_|_|_|_| john@wd1v.mv.com
144 Pepperidge Dr |_| |_| page 5956779@skymail.com
Manchester, NH 03103-6150 |_|_ _|_| wd1v@wb1dsw.nh.usa.noam
voice mail 603.533.3472 | | | | | fax 603.627.1623

www.mv.com/ipusers/wd1v
Digital Scope.FAQ + Application Notes

2884. Re: ARRL and the little LEO grab

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <516kog$3dv@lehi.kuentos.guam.net>
Source record: 217096
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

carl@ais.net wrote:

>agray ... he's right ... I've worked with those Washington lawyers ...
>even when you look at the ones who "specialize in communications law",
>most of them don't know jack about radio ... they know some "buzz
>words" and they know the laws and their loopholes and they know the
>"good old boy Washington bureaucrat circuit."

>BTW ... how many lawyers does it take to shingle a house???

>Depends on how thin you slice them!

>Carl - wa6vse
>carl@ais.net

Jeez, I hope Phil doesn't read this. Especially after you just warned me
about fencing with him......

73, Jim KH2D

2885. Re: The final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: little@pecan.enet.dec.com
Message-ID: <516kes$357@usenet.pa.dec.com>
Source record: 217097
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <5167ok$1qa@lehi.kuentos.guam.net>
pacrimgolf@kuentos.guam.net (Jim Kehler) wrote:

> I'm tired of fencing, Carl. Especially with a stone wall. If it was chain link
> fence, there might be some light coming thru, but ....

I think you have the sides reversed. I've heard the praises of Morse Code
from the pro-code club, even when those praises or claims are
demonstrably false. The brick wall is there and apparently created
by too many hours of pounding brass.

> Besides, if I recall correctly, Phil is now an attorney, and I know better
> than to fence with those guys.......

Get with the plan Jim, wrong Phil. I'd suggest you read up a little
on digital communications techniques, you'll most certainly come across
Phil's name.

73,
Todd
N9MWB

2886. Re: Little LEO again (was Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <516let$3dv@lehi.kuentos.guam.net>
Source record: 217098
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

myers@West.Sun.COM (Dana Myers) wrote:

>What makes you think the ham community should be congratulating itself
>for a job well done? Is the job 'done'? What is negative about
>my post?

>I've been on the net long enough to recognize an e-mail bombing in the
>works. If 1000 amateurs write physical letters to the FCC, some low-paid
>clerk sifts through the mail bags - if 1000 amateurs write e-mail to
>individual FCC employees, these well-paid employes have to spend time
>sifting through their mailboxes. If you don't think this is a hassle,
>I'll tell you how to create a 'sendsys' Usenet control message and
>you can tell me what you think about a flood of mail.

>I doubt that Sumner realized how anti-social an e-mail bombing really
>is when he encouraged all hams to do it to the IWG-2 committee members,
>but that doesn't change the fact that it was anti-social. Am I being
>negative when I point out that the ARRL leadership encouraged the
>hams to do something considered very rude? Again, if you don't think
>an e-mail flood is rude, you haven't been there yet. It is a kind of
>terrorism.

>Furthermore, the committee was deluged with messages that are almost
>certainly content-free as far as they're concerned. The only content
>those letters can be expected to have is "don't take away 2m or 70cm" -
>and the IWG group probably isn't planning to take away 2m or 70cm,
>despite the paranoid speculation to the contrary.

>>Sorry, but I think if everyone had waited for the supposed 'facts' as
>>you did, the WG would be much closer to annexing 2m than it currently
>>is today. I think ARRL displayed effective leadership in this case and
>>obtained the intended results. They have done a lot to redeem their
>>position as the voice of amateur radio, even if we don't end up
>>winning. They did manage to do the best any organization could with
>>the resources they had (basically people (us), and not a lot of
>>money).

>Again, what results have the FCC accomplished? Have 2m and 70cm been
>removed from the candidate list? Why is it time to party?

>--
> * Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
> * (310) 348-6043 | not be interpreted or represented as *
> * Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

I agree whole heartedly with all of the above, Dana.

Not to mention the fact that the ARRL came back a few days after igniting the bomb and said 'Opps.... we screwed up'.

73, Jim KH2D

2887. Re: Keep CW Requirement?...on radio show!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep11.143130.6925@ke4zv.atl.ga.us>
Source record: 217099

In article <51485v$4v8@ccnet2.ccnet.com> T E I X E I R A <teixeira@ccnet.com> writes:
>
>>Carl Stevenson, WA6VSE, a frequent poster on the newsgroups, and a
>>supporter of getting rid of the CW requirement, not to mention many
>>other opinions, will be the special guest this Sunday, 9-15-96, on the
>>Ham Radio & More Show.
>
>It is my own opinion that a No Code Tech is not qualified to speak on this subject.
>
>Don AC6TG

Well, you're entitled to your opinion, but what does that have to
do with the notice you are following up?

Could it be because the ink is still so wet on your own license
that you don't recognize that a WA6xxx call sign dates the holder
as being licensed no later than the mid-1970s? If you still don't
understand, that means he's an "old Tech", IE he took a code test
and the full General written to get his license.

What if I said that it is my opinion that no one licensed less than
20 years is qualified to speak to this issue? Too bad for you, right?
Since I've been licensed 32 years (33 this November), and since Carl
has been licensed 25 years, we're qualified. Obviously you're not.

But I don't hold that opinion because I've read the Communications
Act of 1934 which specifically states that it is to apply to "all
the people of the United States". Thus every person in the US is
entitled to address this issue of licensing requirements.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2888. Re: Question on Ferrite Bar antennas

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <516fi0$4ra@freenet-news.carleton.ca>
Source record: 217100

Robert J. Nagy (Kreblon@ccwf.cc.utexas.edu) writes:
> Hello all-
> In a typical portable radio, the ferrite bar antenna has two coils.
> They are both connected to points on the circuit board near each other
> and at the "front end" of the radio Rx. Why are there two coils? I want to
> use a remote antenna and use only two connection wires (a connector).
> What is going on here?
>
> Thanks!
>
> Bob Nagy

Take it to .antennas, I did and got some superior help!

I believe these ferrite bar antennas you refer to are simple loop antennas
with ferrite cores as opposed to air. Loops that are separate or just
tapped separately.

--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

2889. Re: Open Letter To Carl WA6VSE

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <516g5o$51p@freenet-news.carleton.ca>
Source record: 217101

Jim Kehler (pacrimgolf@kuentos.guam.net) writes:
> I am writing this letter because I take issue with some of Carl WA6VSE's claims.

====== snip ======

> liberties.
>
> Hafa Adai,
> Jim KH2D
>
> (http://www-csag.cs.uiuc.edu/individual/pakin/complaint)

Whooooooooaaaaaaa!!!!

Jim. You've really outdone yourself today. Did this guy pee in you Corn
Flakes?

--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

2890. Re: Ham Radio as an *ENJOYABLE* Hobby

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <516gbt$53u@freenet-news.carleton.ca>
Source record: 217102

Burt Fisher (k1oik@ccsnet.com) writes:
>
> Ham radio is so much fun that I gave up sex just to call CQ contest
> and pass routine traffic.
>
>
> #================#===#
> | Burt Fisher | Teacher of video, broadcasting and electronics |
> | Amateur call | South Dennis, Ma. (Cape Cod) |
> | K1OIK | The less you say, the more people will remember |
> #================#===#
> | k1oik@ccsnet.com |
> #===#
>
> http://www.qrz.com/cgi-bin/qrz_gifs?k1oik.gif

Good for you Burt. What does a message intended for
.alternative.lifestyles have to do with amateur radio?

--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

2891. Re: Open Letter To Carl WA6VSE

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-11 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <516glf$57h@freenet-news.carleton.ca>
Source record: 217103

Jim Cummings (jcumming@clark.dgim.doc.ca) writes:
>
>
> Good Lord Jim, Carl must really be getting under your skin for you to expend
> all that time typing out such drivel.
>
> 73 and live better digitally
> Jim, VE3XJ

Layer asbestos, Jim. Never just put one coat. And now, be ready for some
flames! Let me know how it turns out.....

--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

2892. Re: query on repeaters ***WARNING***

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: barry@indirect.com
Message-ID: <517pb4$gbm@globe.indirect.com>
Source record: 216941

In article <517ar3$4nu@anomaly.ideamation.com>, kd1hz@anomaly.ideamation.com (Michael P. Deignan) wrote:
>In article <51590f$9jl@globe.indirect.com>,
> Barry Rose <barry@indirect.com> wrote:
>
>>If you have a jamming problem, the FCC will help. We had a problem with a few
>>people in AZ recently and because of the efforts of our clubs interference
>>committee, one has been issued an NAL for $6000 and in a seperate case, three
>
>>others have been arrested. The trick is that you have to do a lot of the leg
>>work but we have proved the FCC will enforce their rules if you present your
>>facts right.
>
>We attempted to "work within the system" by contacting the League's
>OOC for the area and present him with detailed evidence, including
>transmitter fingerprints, etc. His answer was to "help the troubled
>teen" by "taking him under his arm" and, like so many league officials,
>do absolutely nothing at all.
>
>MD
Our interference chairman will be happy to help you solve the problem. Our problem was not a kid, it was an adult who was threatening people on the 2 meter autopatch, jamming , using foul language, etc. He was also sited for infractions of the rules on CB.

Email our chairman and he will help you solve this problem.
His address is

lanceh@a.crl.com
Lance Halle
Barry

2893. Re: re who enjoys cw

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: larson@net.com
Message-ID: <517o3t$m58@unet.net.com>
Source record: 216942

In article <5155b2$nf1@news.ais.net> carl@ais.net writes:

>Seriously, despite your sadly mistaken views, CW is NOT "king under
>those conditions" ... digital is, plain and simple. No contest. No
>question. If you don't believe the technical facts, you're not a "bad
>person", you've simply chosen to ignore reality.

No, Carl. Digital is NOT king under those conditions.

If digital were so wonderful, it would be in use for some of the
simple weak signal modes. However, it is *not* in use for moonbounce.

Digital is not in use for aurora.

Not only are most of the popular digital modes quite a bit below
the performance of the best digital modes, but the digital mode
equipment is not well suited to emergency operation.

While it is possible to construct a computer/digital station using a
laptop computer and portable interfaces, the simple truth is that
computer stations are generally quite a bit more complex than their
non-computer counterparts.

When I can pack the 'digital' station in the same space and
weight as a small CW station, operating off of small batteries
for extended periods of time, and for the same COST, then you
may begin to have a claim. Until then, we are comparing amateur
with military budgets.

Alan

2894. Re: query on repeaters ***WARNING***

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <517qjt$s7l@dfw-ixnews3.ix.netcom.com>
Source record: 216943

In <517ar3$4nu@anomaly.ideamation.com> kd1hz@anomaly.ideamation.com
(Michael P. Deignan) writes:
>
>In article <51590f$9jl@globe.indirect.com>,
> Barry Rose <barry@indirect.com> wrote:
>
>>If you have a jamming problem, the FCC will help. We had a problem
with a few
>>people in AZ recently and because of the efforts of our clubs
interference
>>committee, one has been issued an NAL for $6000 and in a seperate
case, three
>>others have been arrested. The trick is that you have to do a lot of
the leg
>>work but we have proved the FCC will enforce their rules if you
present your
>>facts right.
>
>We attempted to "work within the system" by contacting the League's
>OOC for the area and present him with detailed evidence, including
>transmitter fingerprints, etc. His answer was to "help the troubled
>teen" by "taking him under his arm" and, like so many league
officials,
>do absolutely nothing at all.
>
>MD

It's OK Mike the OOC will teach him code and he will become a model ham
citizen. Sorry I spelled you last name wrong the other day.

73 Jerry
>--
>--
>-- "Guns don't kill people. I kill people." -- T-shirt slogan
>--
>-- If you don't like my opinions, that's just too damn bad.

2895. Skip 1Khz. form TM-733 need.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: EA5CVA
Message-ID: <517qi1$4e7@macarena.ctv.es>
Source record: 216944

You tell me the modification from TM-733 for skip steps only of 1khz.
This function is very interesting from work sat.

73 from Manolo.

EA5CVA - mdc@ctv.es

2896. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: carl@ais.net
Message-ID: <5181co$eu5@news.ais.net>
Source record: 216945

In <515dh1$i6n@hil-news-svc-4.compuserve.com>, 73700.12@compuserve.com (Jim Nuytens) writes:
>
>While I don't like CW and don't see it as anything I'm likely to pursue, the
>plain fact is that to have anyone believe that the reason we don't have viable
>high-speed packet links is because of CW, is going WAY out on the proverbial
>limb.
>

I'm saying that we'd be further along if we had not driven hordes of technically skilled/computer-savy folks away with the code requirement.

>I'll tell you why packet has stagnated. It's because hams (in general) reflect
>the apathy and laziness of the general population. Couple that with the (until
>recently) high costs of those links and you get no forward progress. Everybody
>agrees (in theory) that we need the network to be there, but nobody wants to
>PAY for it. Try and ask hams for finances to pay for the radios, TNCs, and
>computers to run these systems and see how far you get. They'll cough up money
>for voice repeaters, but not digital ones.
>

The "radios, TNCs, and computers" part is a BIG part of the problem.
The (computer+TNC+radio) model is backward, limiting, and expensive.

Try (computer+RF_modem) ... problem is all the appliance operators can think of is (radio+TNC+computer)=(big_bucks_4_1200/9600SLOW))

New blood and new ideas are what are needed to leap forward ...

>Besides, you can't get more than 2 hams to agree on anything. I remember a few
>years ago when they (BBS ops, node ops, etc.) tried to get together to form a
>comprehensive plan for a network here in DE. By the time the "meeting" broke
>up, there were threats of bodily harm being flung about because these jack-
>asses couldn't park their egos at the door and compromise for the good of the
>amatuer packet community as a whole. That's another big reason you don't have
>the high-speed networks in place as well. 2 people trying to get a high-speed
>network in place will take longer to do (unless they have money to burn) than
>if you have 20 people pumping in money for the project.
>

There should be no need for agreements ... standards already exist (you're using them as you read this ... TCP/IP, SMTP, POP, NNTP, etc. etc. No need to re-invent the wheel ... interoperability is also important ... otherwise the ampr.org domain is DOOMED to perpetual isloation ... the place where there's LOTs of room for improvement and experimentation and advancement by hams is in Layer 1 and Layer 2 and in

the Application Layer ...

[deleted alternate licensing proposal because, since it doesn't eliminate the CW test it doesn't address the problem]

73,
Carl - wa6vse
carl@ais.net

2897. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: carl@ais.net
Message-ID: <51824v$eu5@news.ais.net>
Source record: 216946

In <1996Sep11.162933.7348@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>Your blathering about upholding "standards" has about as much
>semantic content as the Democrat Party's blather about "family
>values" and "it takes a village" at their convention. It is
>merely a smoke screen for a hidden agenda (in the case of the
>Democrats it is socialized medicine and public creches subsidized
>by the taxpayer). What socialist, central control, Big Brother form
>does your hidden agenda take?
>
>Gary

Gary,

They're obviously looking for the continuance of government-mandated
"life support" for a dying mode ...

Carl - wa6vse
carl@ais.net

2898. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: carl@ais.net
Message-ID: <5182em$eu5@news.ais.net>
Source record: 216947

In <1996Sep11.171649.7684@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>In article <322C82A1.22F2@voicenet.com> agray@voicenet.com writes:
>>
>>The majority of amateurs are not building their own gear today (a
>>readliy ascertainable fact from just looking around and listening on the
>>bands). There is very little chance that this will change in the future
>>as the gear gets ever more complex. Do you need anyone to tell you why
>>its so hard to get parts to build anymore? That's right, because the
>>overwhelming majority of hams don't really want to build their own gear.
>
>Hard to get parts? With the manufacturers practically forcing sample
>parts on anyone who asks, with Digikey only an 800 number away, hard
>to get parts? How could you ever get that idea? Perhaps some discrete
>parts for old fashioned analog circuits might be a bit harder to find
>than formerly when they were ubiquitous in consumer electronics and even
>the corner drug store sold vacuum tubes. Model T Ford spark coils are
>getting harder to find too, but certainly there is no lack of modern
>parts for modern designs.
>

Gary ... they don't WANT modern parts because they don't WANT to build
modern things ... they want to build CW rigs (he says) so they probably
want to buy tubes, tube sockets, etc.

You bet it's getting hard to find 5R4GBs and 6KD6s these days!!!

Carl - wa6vse
carl@ais.net

2899. Re: Keep CW Requirement?...on radio show!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: carl@ais.net
Message-ID: <5182ur$eu5@news.ais.net>
Source record: 216948

In <51485v$4v8@ccnet2.ccnet.com>, T E I X E I R A <teixeira@ccnet.com> writes:
>
>>Carl Stevenson, WA6VSE, a frequent poster on the newsgroups, and a
>>supporter of getting rid of the CW requirement, not to mention many
>>other opinions, will be the special guest this Sunday, 9-15-96, on the
>>Ham Radio & More Show.
>
>It is my own opinion that a No Code Tech is not qualified to speak on this subject.
>
>Don AC6TG
>
>

For the 1000th time ... read my lips ... I AM NOT A NO-CODE TECH!!!!!!
I've been licensed continuously sing 1975 ... long before no-code.

Carl - wa6vse
carl@ais.net

2900. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: carl@ais.net
Message-ID: <5184ae$eu5@news.ais.net>
Source record: 216949
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <515bgo$rlh@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net (Jim Kehler) writes:
>
>I have a question. Or two. A what if. What if we all decide to open HF to hams
>with no code tests. Where do we put them ? Do we decide that HF is no longer
>subdivided into band plans by license class and just call HF 'HF period' ?
>
>Somewhere I keep seeing 'Support the No Code General'. Does that mean
>that no code proponents support giving the general phone bands to the
>no code licenses and leaving the rest of the band as is ? Do we allow no code
>licenses the use of the lower part of the bands, now used for CW and other
>digital modes ? Or do we keep them on SSB ?
>
>I know you guys want a no code HF license. But I don't know exactly
>what you expect to get when or if you get one. I have seen a lot of 'logic'
>from the Carl Clan supporting the 'plan', but I haven't seen much about what
>'the plan' is. That's why I am asking.
>
>Hafa Adai,
>Jim KH2D
>
>

Jim,

I can't speak for everyone ... I've never purported to do that ...

What *I* believe should happen is that no-code licensees should be
allowed to demonstrate technical knowledge equivalent to whatever
classes of license exist ... they should get the priveleges that go with
their level of technical proficiency (up to and including extra class,
if the existing classes are kept intact)... they would NOT be permitted
to operate CW unless and until the proved proficiency in that mode
(option ... allow novice class "learners" priveleges in the existing
novice bands ???)

A "no-code extra" would have the same privleges as any other extra of
equal technical proficiency ... he just wouldn't be able to operate CW.
He could operate SSB, FM, ATV, packet and the other digital modes for
which he is qualified.

Sounds simple enough to me ... how's it sound to you?

Carl - wa6vse
carl@ais.net

2901. Lots of stuff for sale!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: jangus@netcom.com
Message-ID: <jangusDxLsuL.HC3@netcom.com>
Source record: 216950

Uh hello! Barry Moore, are you in there?

This is rec.radio.amateur.misc. Please post the for sale stuff over in
rec.radio.swap where it belongs.

Thank you.

--
Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NA | "It is difficult to imagine our
Internet: jangus@skyld.grendel.com | universe run by a single omni-
US Mail: PO Box 4425 Carson, CA 90749 | potent god. I see it more as a
Phone: 1 (310) 887-8545 | badly run corporation."

2902. Colo. internet relay, h&w traffic

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: Tom <Mesquite1@Earthlink.Net>
Message-ID: <3237BF35.7B1E@Earthlink.Net>
Source record: 216951

Thanks for reading this note. I'm posting for a friend who is a ham.

Hi,

I will soon be backpacking for a couple of weeks in the San Juan National Forest of southwestern Colorado. I would like to find out if there are any hams in Pagosa Springs, Bayfield, Southfork, Durango, or any other areas near the forest, who have internet capability and could relay brief messages about my location and welfare, received from me via amateur radio, to my family via e-mail. I can currently operate on 2 meters and 220 MHz using a 3.5 watt handheld on each band. I only have one PL board working currently, however, so I'll have to put it in one radio or the other, depending on what kind of coverage is available in the area. The radios are identical except for frequency. I will probably start out at William's Creek Lake and then pack into the Weminuche Wilderness. Also plan to do some motorcycle riding/camping in southern Hindsdale, southern Mineral and western Archuleta counties. May also do some riding in La Plata county. Any advice on popular simplex frequencies in the area and repeater pairs/coverage on each band (including PL requirements) will be greatly appreciated. I can possibly rig a small dipole (or climb a tree :) if necessary. Any advice on specific places to ride or pack also welcome.

If you think you might be able to assist me sometime during the next two to three weeks (date not certain yet) please e-mail Tom and he will make further arrangements with you.

Thanks for any assistance.

Mark

2903. Re: Free at last.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3237E2F3.9A5@ccsnet.com>
Source record: 216952

Jeffrey Herman wrote:

> >1. I offered 14 year old KA1VBQ $10 to make a single 2 meter contact,
> >she refused.
>
> Yeah, I recall when my Elmer first placed a mic in front of me - I
> froze. He could have offered me more than $10 and I still would have
> been scared.

In previous years she had worked 20 countries with over 200 contacts.
She did not freeze. She was bored to death.

> >2. I offered N1XIY free GOOD 2M and HF gear, he is 16, he refused to
> >use it.
>
> So why did n1xiy bother to get a license? Seems like a lot of work to
> memorize the Q&A's then refuse to accept your free gear. Unless
> all that gear stinks of alcohol and tobacco. Then again, maybe his
> parents told him never to accept gifts from strangers.

The kid got the license to get a higher grade in Electronics shop.
No other reason.

2904. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: jbaltz@news.cs.columbia.edu
Message-ID: <518rah$hap@play.cs.columbia.edu>
Source record: 216953
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <5184ae$eu5@news.ais.net>, <carl@ais.net> wrote:
>if the existing classes are kept intact)... they would NOT be permitted
>to operate CW unless and until the proved proficiency in that mode
>(option ... allow novice class "learners" priveleges in the existing
>novice bands ???)

You mean you'd take the privilege of operating CW *away* from code-test
free licensees?

>Carl - wa6vse

//jbaltz
--
jerry b. altzman There is no universe -- P. Halmos +1 212 650 5617
jbaltz@cs.columbia.edu jbaltz@scisun.sci.ccny.cuny.edu KE3ML

2905. FOR SALE OR TRADE

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: dk843@FreeNet.Carleton.CA
Message-ID: <518ksr$qol@freenet-news.carleton.ca>
Source record: 216954

New repair manauls for sale or trade, all these books are new, never been used or opened. I got stuck having to pay for them.

Lenk's Television Handbook
Operation And Troubleshooting
317 pages

Troubleshooting And Repairing
Audio Equipment 2nd Edition
418 pages

Troubleshooting And Repairing
Solid State TVs 2nd Edition
605 pages

All of these books are hard cover

All for $60.00

Or will trade for weights (castiron only), Bars with steel collars. Even if you only have 1 lb or 2 lb weights still email me and we can work something out.

Or will trade for a good used VCR (sterio, Hi-Fi)

2906. TS430, PS30 manuals

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: jdw@apian.att.com
Message-ID: <5190br$9qo@nntpb.cb.lucent.com>
Source record: 217004

Thanks for reading this!

I need owner's manuals (or decent copies) for the Kenwood TS430
and Kenwood PS30.

73, John Walker - KF2XZ

jdw@apian.lucent.com

ps. copying costs and postage will be covered of course!

2907. Re: Open Letter To Carl WA6VSE

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: Jim Cummings <jcumming@clark.dgim.doc.ca>
Message-ID: <32383593.1B3@clark.dgim.doc.ca>
Source record: 217005
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Phil Karn wrote:
>
> Jim Cummings wrote:
>
> > Good Lord Jim, Carl must really be getting under your skin for you to expend
> > all that time typing out such drivel.
>
> Uh, you should really follow the link at end of Jim's long flame.
>

I had tried to, but for some reason, I always kept getting a timeout
warning. I was able to view it this morning and I see it is Jim's usual
hi-jinks.... hee hee...

> Truly wonderful! I'll have to bookmark this one. How handy.
>
> Phil

73 and live better digitally
Jim, VE3XJ

2908. Re: ARRL and the little LEO grab

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: Hans K0HB <71111.260@CompuServe.COM>
Message-ID: <5192af$on4$1@mhafc.production.compuserve.com>
Source record: 217006
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

little@pecan.enet.dec.com (Todd Little) writes:
> In article <50vi6b$5fu@news.ais.net>
> carl@ais.net wrote:
>
> > It's rare, from what I've seen, but here we disagree ... I DO believe
> > that the technical folks *specifically* wanted 2m and 70cm ... the
> > bands are technically ideal for their proposed operation and all of the
> > surrounding spectrum with similar technical characteristics is "owned"
> > by commercial interests with far more political and economic clout than
> > us hams. (Part of my career was involved in the mobile satellite
> > industry ... I'm quite familiar with some of the players.)
>

> What technical characteristics of 2m and 70cm make it ideal for
> the LEO services? Given the relatively high sky noise of those
> bands I'd have thought that microwave or above would be more
> preferable.
/

They already own the spectrum adjacent to 2M. This would give
them a contiguous block.

>

> 73,
> Todd
> N9MWB
>
>
>

--
73, de Hans, K0HB
--
The sum of the intelligence on the planet is a constant;
the population is growing.

2909. Mail vs hand deliv, vanity app?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: radio@copland.udel.edu
Message-ID: <5191kn$2ag@copland.udel.edu>
Source record: 217007

Do you have any knowledge of whether it would be more effective to have one's vanity call application hand delivered or express mailed to get there on the 23rd?

Tnx, Bob

2910. Re: Ham radio stores in Canada

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <5193jh$2i3@freenet-news.carleton.ca>
Source record: 217008

Tom Hess (tom.hess@hydro.on.ca) writes:
> Bruno Rosenthal wrote:
>>
>> Hello Friend,
>> Don't know whether it's the right newsgrp (it's my first try anyway), so
>> apologize for inconvenience caused if not.
>>
>> I'm going to Canada in 10 days. I'm looking for ham radio shops in
>> Toronto, Ottawa, Montreal, Quebec (all cities on my trip).
>>
>> Thanks for your help
>>
>> 73, Bruno
>
> I can only give you a couple for Toronto and area.
>
> http://www.interlog.com/~ahr/ Atlantic Ham Radio
> http://www.norham.com/ Norham Radio Inc.
> http://www.norham.com/ Durham Radio
>
> Tom VE3XTH

Try this one near Ottawa, Canada:

http://www.falls.igs.net/~testequipment

--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

2911. Re: Motorola/Techs

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: Dave Maciorowski <wa1jhk@ix.netcom.com>
Message-ID: <32381092.3F8F@ix.netcom.com>
Source record: 217009

BGA2%RdgrFlt%NAH@go50.COMp.pge.COM wrote:
>
> Anyone know of a users group dealing with radio tech working on motorola
> gear, hams, repeater owners, mobile techs ?? I would like to find such a
> group, see what is going on as far a converting and using in ham bands,
> syntors, maxtrac, spectras , exchanging ideals. etc. Please reply to
> bga2@pge.com or krsixg@telis.org Alex kr6g

You'll find many of these people on the S-COM Industries discussion list,
though most discussion relates to connecting these radios to S-COM
repeater controllers.

To subscribe, send a message to majordomo@rmsd.com. In the text of the
message enter the line "subscribe scom" (don't enter the quotes). You'll
receive a confirmation message.

Dave Maciorowski, WA1JHK
Colorado Repeater Association, Inc.
Serving Colorado with Voice and Data, 6-Meters to 1.2 Gig

Internet: wa1jhk@ix.netcom.com or wa1jhk@amsat.org
CRA: http://www.rmsd.com/hamradio/cra/

2912. Re: Free at last.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <5194mv$2sa@freenet-news.carleton.ca>
Source record: 217010

Burt Fisher (k1oik@ccsnet.com) writes:
> Jeffrey Herman wrote:
>
>> >1. I offered 14 year old KA1VBQ $10 to make a single 2 meter contact,
>> >she refused.
>>
>> Yeah, I recall when my Elmer first placed a mic in front of me - I
>> froze. He could have offered me more than $10 and I still would have
>> been scared.
>
> In previous years she had worked 20 countries with over 200 contacts.
> She did not freeze. She was bored to death.
>

Call-Sign: KA1VBQ Class: TECHNICIAN
Previously: SAME CALL Class: NOVICE
Real Name: SAMANTHA A FISHER Birthday: AUG 24, 1981
Mailing Address: 389 OLD BASS RIVER RD, SOUTH DENNIS, MA 02660
Valid From: APR 24, 1990 To: APR 24, 2000

We've been thru this movie before.

--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

2913. Re: Question on Ferrite Bar antennas

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: <>
Message-ID: <00078E28012A77EC@dol.net>
Source record: 217011

Date: Thu, 12 Sep 1996 13:48:46 GMT
Reply-To: joseph.buch@dol.net
From: joseph.buch@dol.net (Joe Buch)
Subject: Re: Question on Ferrite Bar antennas
X-Newsreader: Forte Free Agent v0.55
Newsgroups: rec.radio.amateur.misc
References: <11002.5015@dol.net>
Lines: 36

Kreblon@ccwf.cc.utexas.edu wrote:

>Hello all-
>In a typical portable radio, the ferrite bar antenna has two coils.
>They are both connected to points on the circuit board near each other
>and at the "front end" of the radio Rx. Why are there two coils? I want to
>use a remote antenna and use only two connection wires (a connector).
>What is going on here?

>Thanks!

>Bob Nagy

The coil with the larger number of turns is resonated by the
tuning capacitor to the receive frequency. The small coil
couples some of the energy to the first transistor through
magnetic transformer action. The input impedance of a
bipolar transistor is fairly low requiring the impedance
transformation. Coupling the transistor directly to the
resonant circuit could lower the selectivity to images and
reduce the receiver sensitivity.

If you can find a copy of the old RCA Transistor Manual they
have schematic diagrams in the back for lots of different
radio and electronic circuits.

Loosly couple your external antenna to the end of the larger
coil which is not grounded. Watch out for overload and
static discharge which can zap your radio's RF transistor.

Joe Buch
joseph.buch@dol.net

2914. Re: Info on Radio Beacons ...

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: rst-engr@oro.net
Message-ID: <5199bm$hp5@li.oro.net>
Source record: 217012
Cross-posted to: rec.radio.amateur.misc,rec.aviation.military,rec.aviation.misc

ronkelley@earthlink.net (Ron Kelley) shared these priceless pearls of
wisdom:

->"Tom T." <TGT@akamail.com> wrote:

->>Jim Weir wrote:

->>> Well, yes, but...(1) He spammed every newsgroup remotely interested,

->>Ah, I wasn't aware that such was the case. I tend to agree in that case!

->> -Tom

->Actually, Tom, Jim exaggerated a little. The original post went to
->*three* newsgroups:

->rec.radio.amateur.misc
->rec.aviation.military
->rec.aviation.misc

Not quite. I also got it on three or four (forgive me, my news browser
tosses them out after 3 days) of the sci.electronic.*** groups as well as
the same number of rec.radio.*** groups. I didn't do a worldwide search to
see where else they were, I don't have time for that sort of shenanagin.

Sorry, my original argument stands.

Jim
Jim Weir VP Engineering | You bet your sweet patootie I speak for the
RST Engineering | company. If I don't, ain't nobody gonna.
Grass Valley CA 95945 |
http://www.rst-engr.com | AR Adv WB6BHI--FCC 1st phone---Cessna 182A N73CQ
jim@rst-engr.com | Commercial/CFI-Airplane/Glider-A&P-FAA Counselor

2915. CW Class on Tuesdays at MIT

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: n1ist@netcom.com
Message-ID: <n1istDxMMqn.GsG@netcom.com>
Source record: 217013

BOSTON AMATEUR RADIO CLUB ANNOUNCEMENT

FOR IMMEDIATE RELEASE
FROM: Mike Ardai, N1IST

FOR FURTHER INFORMATION, CONTACT: Mike Ardai, N1IST
n1ist@netcom.com

The Boston ARC and MIT Radio Society will conduct a Morse code class. The class meets on Tuesdays, beginning on 9/17 and running thru the end of the year. Classes will run from 19:00 to 21:00 local time.

Code speed and content (learning the code, improving your speed, etc.) will be decided based on what participants want.

The class will meet in MIT Building 1, room 203. Enter from 33 Mass Ave or enter the main entrance at 77 Mass Ave and turn right to enter building 1. The class is on the second floor.
--
\|/ Michael L. Ardai N1IST n1ist@netcom.com \|/
-*- === Boston Amateur Radio Club: http://www.barc.org/barc === -*-
/|\ or send "info barc-list" to listserv@majordomonetcom.com /|\

2916. FCC PUBLIC NOTICE - ELECTRONIC FILING OF VANITY APPLICATIONS

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: "Bart Jahnke, KB9NM ARRL/VEC" <vec@arrl.org>
Message-ID: <32382EFC.738E@arrl.org>
Source record: 217014

PUBLIC NOTICE

Federal Communications Commission
1919 M St., N.W.
Washington, D.C. 20554

Release Date: September 11, 1996

Wireless Telecommunications Bureau Makes the Amateur Station Vanity
Call Sign Request Available for an Electronic Filing Test

An electronic test version of the Amateur Station Vanity Call Sign
Request
form, is available on the Internet at
http://www.fcc.gov/wtb/amradsrv.html,
(click on Interactive Beta Test Server to access the form). Detailed
filing
instructions are available by clicking on the item number on the
Internet form.

This Internet electronic filing test will be available for approximately
one week.
In the next few months, the Wireless Telecommunications Bureau intends
to
allow applicants for all services to submit their application over the
Internet
and encourages all parties that are interested in electronic filing to
participate
in this test. Please submit your written comments and suggestions
regarding electronic filing to the Wireless Telecommunications Bureau at
webmail@fcc.gov.

A future public notice will be released announcing the availability and
instructions for accessing the production version of the electronic
Amateur
Station Vanity Call Sign Request form.

For technical assistance, please contact the FCC Technical Support
Group at (202) 414-1250.

For general questions regarding the application, please call the
Wireless Telecommunications Bureau, Consumer Assistance staff
at 800-322-1117.

-FCC-

2917. Re: HAM: Getting started

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: Roger Cousineau <rogerco@freespace.net>
Message-ID: <32385B2D.20A4@freespace.net>
Source record: 217015

```
Jeremy Vink (aka "Datum") wrote:
>
> How would I get started in HAM radio? I don't have ALOT of money, but I'm
> willing to shell out just about anything less than $100. Also, how would I
> get a HAM licence?
>
> /~~~~~~~~//~~~~~~//~~~\ /~~~~~~//~~|/~~~/|~|/~/
> ~~~/ /~~~/ /~~~~~/ /~/| / /~~~~~/ / | /
> / / / ~~~~// ~ / / ~~~~/ / /|/| / | / | / o /
> / / / /~~~~~/ /| | / /~~~~~ / / / / / / | / / /~\ /--
> /~~ / / ~~~~// / | |/ ~~~~/ / / / / / / |/ / / // |
> ~~~~ ~~~~~~~ ~~ ~ ~~~~~~~ ~~ ~~ ~~
> (Jeremy Vink) Age: 15
> Assistant System Administrator for
> John Ware Junior High School,
> Calgary, Alberta, Canada

Try: http://www.cuug.ab.ca:8001/~lenzk/ham/cara/index.html

http://www.sas.ab.ca/arla/

http://www.oanet.com/homepage/jewen/sara-man.htm
```

2918. Trolling, was Open Letter To Carl WA6VSE

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: hayward@cs.uchicago.edu
Message-ID: <DxMn1C.205@midway.uchicago.edu>
Source record: 217016
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <515beo$rlh@lehi.kuentos.guam.net> pacrimgolf@kuentos.guam.net writes:
:
:I am writing this letter because I take issue with some of Carl WA6VSE's claims.
:Let us note first of all that Carl confuses demagoguery with leadership and
:undocumented conspiracism with serious research. I attribute the social and
(snip)
:Jim KH2D
:(http://www-csag.cs.uiuc.edu/individual/pakin/complaint)
:

Ah, Jim, clever, but using the three paragraph option on the
referenced complaint letter generator would have allowed you to make
you point and still troll.

Sigh, what *is* it about hams that leaves so many humor impaired?

Up here, in the land of *fresh* fish, we often tell the visitors that
if a fish smells like a fish, one probably shouldn't eat it.

(Such advice doesn't seem to work with my dogs, but then, they seem to
have a perverted sense of humor (or taste) or perhaps simply a
different digestive tract.)

So, what does this have to do with this newsgroup (indeed, what does
anything have to do with this newsgroup)?

The ham groups seem to go through cycles. They always will: code/no
code, ARRL is bad/ARRL is good, *&(&(is evil, etc. etc.

As the summer winds down, as the commercial services crank up their
promotions, as it becomes darker each evening and people spend more
time on the net, we will certainly circle along to the "trolling"
cycle.

What is a troll?

A troll is "flame bait" but often with a bit of verisimilitude.

I grabbed this a while ago from an nl site I have since lost:

trolling -- a style of fishing in which one trails bait through a
likely spot hoping for a bite. The well-constructed troll is a post
that induces lots of newbies and flamers to make themselves look even
more clueless than they already do, while subtly conveying to the more
savvy and experienced that it is in fact a deliberate troll. If you
don't fall for the joke, you get to be in on it.

Trolls seldom work in moderated groups -- unless they are *very* good;
in an unmoderated group such as this, with a membership that often
wears its emotions on its shoulder like chips to be knocked off,
trolling works and is always disruptive.

So, the bait *will* be dropped back in our waters, and many of us
will be caught. (I fell for a silly one a few years ago.)

Maybe we will keep our sanity and the nice peaceful nature of our
"stream," or maybe we will take the bait and thrash around for weeks.

A thought:

If a post raises your ire, simply note it and move on. If later you
still feel you must respond, consider it is probably flame bait or a
troll. Finally, ask yourself whether you want to continue the poster's
thread by replying to it -- in effect, dignifying the post.

Oh, and trolls can come from our own members; sometimes they are actually
humorous.

WX9T

--
Kristin Rachael Hayward, PhD
Director of Administrative Information Systems and Business Services
University of Maine
http://www.umeais.maine.edu/~hayward

2919. Re: Do we build? was(Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: Chris Broadbent <cfb@bga.com>
Message-ID: <32383D5A.5E58@bga.com>
Source record: 217017
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew

brucetw@ix.netcom.com wrote:
>
> gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>
> ...<SNIP>
>
> >I think you see CW transmitters as the most common because that's all
> >you do, so your vision is a bit myopic on the subject of home constructed
> >equipment (or you may be insisting on a purist definition of homebrew which
> >doesn't admit anything but an original design by the home constructor). If
> >you were active on other modes, you might find that there is quite a bit of
> >building going on for them as well. Probably only at microwave, and for ATV,
> >is homebrew the majority course, but it is alive and well on most of the
> >other modes, not just among CW operators.
>
> ...<SNIP>
>
> >Gary
> ...<SNIP>

I can't let this one pass. About two or three months ago I was involved in a discussion on .misc about why I supported CW. I had yet to do my tests then. My main reason for wanting to do the Morse test was the relatively easy entry into real homebrew afforded by CW TX's. Gary and others were opposed to the CW requirement in the test. I supported it for the reasons given below.

I have been quiet since then. But in the interim, I have passed my Novice and Tech exams. My CW TX is all but complete. This is not a kit, but a from-scratch homebrew project, based on a 6LR8 TV sweep tube. With the power being fed to the circuit, I will get about 35W to 40W. Gary, despite your protestations to the contrary, it is hard to beat a simple CW TX for ease of design and construction, especially when dealing with powers above a few watts. It is a great entry point. BTW, my profession involves the development of device drivers & microcontrollers and work on new CPU designs. I say this not to brag but to explain that I am no digital myope or luddite and thus am not opposed to digital modes.

This may single me out as arrogant or puritanical, but I do not consider wiring a module to a PSU as homebrew. Too much of the work has been done already. If the entry point became nothing less than some digital rig, it'd be the end of real homebrew and we'd all become module pluggers and appliance users, without any real understanding of the foundations. We would encounter few of the real, physical difficulties. One could argue that the TX could still be developed

and thence tied to the computer. But the price of the project would jump from a few tens of $'s to at least a few hundreds of $'s, with the complexity going up significantly - thus making the entry point much more expensive and more difficult.

I recognise there are many occasions when using monolithic or integrated devices is mandatory. However, I think it is a poor starting point as no gut feel for the device's operation is aquired (IMO, of course). If you do have a gut feel for the underlying science, then I maintain you'll make much better use of the integrated devices.

Again I must say that while I don't like unnecessary government interference in my life, I have a hard time opposing the requirement to learn something, especially something as easy as CW (15 minutes per night for a month folks - is that really too hard?). Some opponents of the CW requirement remind me of my childhood school colleagues who complained loudly to the teacher about having to learn something because, "I'll never use this". With the hindsight of age, one realises just how silly such sentiments are.

And again, if the CW requirement must go, then I maintain one can use the same arguments to eliminate most of the technical questions. Except for some propagation knowlege, why would anyone need to know what a transistor symbol is, or what the block diagram of a phase modulated TX is? How does that knowlege affect today's appliance operators? Would it not be a sad day if it came to that? The value in the license would be lost.

If the technical requirements of the license were dropped, how long would it be before the FCC started mandating emmision tests on homebrew equipment? It is a natural progression (regression?). Have you priced FCC emmision tests recently ($500 per half day - the usual minimum time slice)?

The CW requirement caused me to enter the field, for I am interested in its homebrew aspects. With the CW requirement, I know there are others out there with whom I'll be able to communicate using my homebrew CW TX. There is no simpler, low level, entry point than a CW TX.

Cheers,

Chris (KC5VQL)

2920. Re: Keep CW Requirement?...on radio show!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: Ed Hare <ehare@arrl.org>
Message-ID: <519eoo$kfn@mgate.arrl.org>
Source record: 217018

carl@ais.net wrote:

>>>Carl Stevenson, WA6VSE, a frequent poster on the newsgroups, and a
>>>supporter of getting rid of the CW requirement, not to mention many
>>>other opinions, will be the special guest this Sunday, 9-15-96, on the
>>>Ham Radio & More Show.

>>It is my own opinion that a No Code Tech is not qualified to speak on >>this subject.
>>
>>Don AC6TG

>For the 1000th time ... read my lips ... I AM NOT A NO-CODE TECH!!!!!!
>I've been licensed continuously sing 1975 ... long before no-code.

>Carl - wa6vse
>carl@ais.net

Carl,

I suspect that he was possibly referring to the fact that you are clearly
a technical type who is a proponent of having no code requirement for HF
operation. Perhaps it was a play on words for which he forgot the
smiley.

On the other hand, he may have figured out what button makes you fume and
just wanted to watch the show. :-)

73, Ed Hare, KA1CV

2921. Learning CW, Why?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: Jim Reid <jreid@aloha.net>
Message-ID: <01bba0d7$7b42aa80$9c070ccf@jim-reid-1>
Source record: 217019

Jeffrey Miller <jfmil@gate.net> wrote in article
<32351000.2540@gate.net>...
> Hi there,
>
> I am interested in getting a Ham License and can't seem to get CW down.

> Anybody have any suggestions as to a good program and or teaching tape
> or book for it??

> I currently listen to Shortwave but can't copy the code no matter what.

> Any assistance would be appreciated.

Hi Jeff, I would start with the Gordon West code tapes. They are usually advertised every month in CQ and are also available from the W5YI publishing group, ads also in QST and CQ, maybe also 73. His tapes are very well done, and I feel a better beginning point than the ARRL tapes.

You can get some other ideas from my short piece on improving CW skills in the Contesting section of this month's CQ magazine, page 92 of the September issue.

I hope you learn quickly, and come to enjoy the fun of the mode as much as thousands of the rest of us do about the world! Try listening on 20 meters, if you now have a rcvr. Compare the number of readable QSO's going on in the middle of the day (probably the best time for 20 at this time of the sunspots minimum) on both the SSB portion of the band, above 14150 in the US and down in the CW area between 14000 and 14060 or so. You will be surprised at the very great number of useable CW signals, especially on weekends compared to the rather poor readability of the weaker SSB signals. All this just to illustrate that there are a LOT, read hundreds at any given moment on all NINE(9) of the HF amateur bands using and enjoying the CW mode.

By the way, contrary to what you would believe from messages on the newsgroups, CW is very much alive and doing well in the commercial and military world. In the Mediterranean Sea weather info is provided to ships ONLY by CW be the Italian station IAR, Roma Radio; weather to the Indian Ocean shipping is ONLY provided be the India government via CW on both MF and HF frequencies. The British Royal Air Force is still teaching Morse Code, and 18 wpm skill is required to pass; No.1 Radio School at RAF Locking, 13 week course. CW is used in the RAF for variouw ground to ground and ground to air circuits at RAF bases throughout

the world.

This past June 28th, Russian Cruise Liner, Alla Tarasovia, had no means other than CW to call SOS. The Scotish Stonehaven Radio discoverd the CW signal, and alerted the Aberdeen Coast Guard. 71 passengers and 61 crew were saved from possible disaster because of an alert CW competent radio operator monitoring the bands. All other menas of communication had been lost, for reasons I do not know at this time. By the way, the supposed wonderful GMDSS satellite rescue system for ships at sea is in a state of near uselessness. BBC TV news reported of July 16th that 95 percent of the distress calls now being rcv'd are false alarms! Falmouth Coast Guard has recv's 959 false calls in the last 12 months; thank God somebody is still monitoring the sea shipping frequencies for CW emergency calls, and are competent to handle situations as they arise.

But, Jeff, learn and enjoy the CW mode just for the personal pleasure you will derive from the mode. None of the nonsense one hears nearly daily on SSB occurs on CW. Fights over frequency, exchages of results of visits to the MD and today's sysmptons, etc., etc. No net battles about valid DX contacts or not and so forth; just a lot of people having a good time.

Go to work, put in the time and learn the mode and have fun, that is the only justification for an amateur to learn/know CW: it is a really FUN part of the hobby.

Good luck and 73, Jim, AH6NB

2922. PLEASE Info on the Transceiver/Scanner

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: Miro.Ivankovic@guest.arnes.si
Message-ID: <1996Sep12.204839@stenar.arnes.si>
Source record: 217020

Hello,

Could somebody advice me if there is any handheld transceiver/scanner
nearby:

1. Tx/Rx (AM) on Air Band (118-137MHz)
2. Tx/Rx on VHF (NFM) 156-225 MHz (ground comm.)
should be on the 168.xxx MHz
3. Dual fx receiver (it is not requirement)
4. Wide band VHF/UHF receiver - scanner

However, I don't care about HF (SSB...) but I want a good performance
on the VHF/UHF receiving (app.100-500 MHz AM/NFM) and above.

Thank you so much for the help and any information.

Miro Ivankovic

E-Mail (RFC-822): miro.ivankovic@guest.arnes.si

2923. PLEASE Advice on the Tranceiver/Scanner

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: "Miro Ivankovic, SKS[Maribor" <Miro.Ivankovic@guest.arnes.si>
Message-ID: <01I9EM2WI77C000H98@arnes.si>
Source record: 217021

Hello,

Could somebody advice me if there is any handheld transceiver/scanner
nearby:

1. Tx/Rx (AM) on Air Band (118-137MHz)
2. Tx/Rx on VHF (NFM) 156-225 MHz (ground comm.)
should be on the 168.xxx MHz
3. Dual fx receiver (it is not requirement)
4. Wide band VHF/UHF receiver - scanner

However, I don't care about HF (SSB...) but I want a good performance
on the VHF/UHF receiving (app.100-500 MHz AM/NFM) and above.

Thank you so much for the help and any information.

Miro Ivankovic

E-Mail (RFC-822): miro.ivankovic@guest.arnes.si

2924. Re: ARRL and the little LEO grab

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: jdc@cci.com
Message-ID: <DxMooH.3KC@sunsrvr6.cci.com>
Source record: 217022
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <511a86$qr1@mgate.arrl.org>, Ed Hare <ehare@arrl.org> wrote:
>
>(As a matter of fact, Carl, I do believe that. The LEO system is
>frequency adaptive, checking channels for occupancy, etc., before use.
>The satellite stations probably would be compatible with most 2-meter
>phone work. The real problem comes from the ground stations associated

So what happens when a LEO keys up on a locally coordinated frequency when
it is momentarily idle? Like repeater inputs, packet links, etc. Or
they key up in the passband of an ATV signal.

Just remember we're dealing with people whose sense of right and
wrong has been replaced by profit and loss.

>with all this; they could interfere with 1-watt HTs that the satellite
>really can't hear. Our Senior Lab Engineer, Zack Lau, did a rather

And a whole bunch of other stuff, too.

>detailed analysis of the situation; we really have looked at it
>carefully.)
>
>>>They're hoping to "get their foot in the door" ... plain and simple ...
>>>and IF they do, once they launch their systems and "discover that their
>>>sharing plans don't work after all" they'll be back at the FCC in a
>>>heartbeat, complaining about interference and seeking to "move the
>>hams".. guaranteed!

Bingo.

73..Jim N2VNO

2925. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep12.155402.11135@ke4zv.atl.ga.us>
Source record: 217023
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <322D9226.C56@popd.ix.netcom.com> labriola@ix.netcom.com writes:
>
>I also question as to whether or not the code makes sense - and also
>have the 20 WPM down and out of the way. A couple of friends LOVE to
>work that mode, and others avoid it like the plague... but rather than
>judging on what we call our form of enjoyment, aren't we looking for
>methods to locate and invite those who will help fulfill the HAM radio
>charter. What I have not yet seen in the discussions is an idea to allow
>the code as ONE of the ways to get the expanded privledges, with a
>technical route being the other. Any thoughts on making the passing of
>either the Commerical General Class test, or something of similiar
>difficulity an alternative to the code. This would allow the current
>routes to Extra to still exist, yet not keep the technical types out
>just because they don't want to "pound brass". Thoughts?
>
>Don - N6CNB

We have to examine why there is licensing, and why there are licensing exams, in order to see what should and should not be on them.

The spectrum belongs to everyone under the governing doctrine of The Common Heritage of Mankind. This is the doctrine under which all commons property is regulated (in nations founded on English Common Law, or conforming to UN treaty declarations on the nature of commons). We cede to the government the authority to regulate this common property so as to maximize its benefit to everyone. (This is spelled out in the Communications Act of 1934.)

Since the spectrum is finite, but the uses to which people wish to put it are infinite, some form of regulation and control is required. Spectral allocation by service, regulation and licensing of stations, and (in some cases) licensing of operators are the ways in which this control is expressed under CA'34.

The sole legitimate reason we have licensing exams is to assure the government, as much as feasible, that we understand the regulations, and understand the technical and operational aspects of the spectrum and equipment we are permitted to use sufficiently to enable us to conform to the regulations while not presenting a hazard to ourselves or to others.

(This limitation to legitimate concerns is central under the Jeffersonian concept embued in our Constitution that government is limited in the extent to which it may intrude into the private sphere to only that amount of regulation necessary to accomplish its defined and limited purposes.)

Now it *should* be obvious that operators of stations using similar equipment in similar spectrum should have to pass the *same* test. There's nothing unique about operation at, for example, 14.173 MHz that would require a different examination from operation at 14.176 MHz. Operators on either frequency need to satisfy the government's legitimate concern that they know what they are doing when operating there. Since similar spectrum, equipment, power levels, and modulations are being used on the two frequencies, the examination required needs to be the same for operators using either one.

That is not currently the case, however. That is a major fallacy of Incentive (to pass higher speed code tests) Licensing. There is no meaningful relationship between the privileges granted, IE slices of essentially identical spectrum, and the material tested, IE basically tests of different Morse receiving speeds. That should be corrected. Nor would it be sensible to have totally different tests to achieve essentially the same operating privileges, which is what you are suggesting. Either an operator knows those things the government legitimately feels are necessary for him to know to operate properly in that spectrum, or he doesn't.

What I am suggesting here is that since there is no meaningful difference in kind to the operating activities performed by Tech Plus, General, Advanced, and Extra on HF spectrum, there should be no difference in the tests they are required to pass to gain those privileges. There may be aspects to VHF+ operations, increased biohazards and different propagation modes for example, which are sufficiently different from HF to perhaps justify a different test for access to that spectrum, though I think the factors are in general similar enough in kind to allow one test to cover both specral areas.

I haven't yet addressed what should be on this exam to satisfy legitimate government concerns, but I hope I've made clear why there should be only *one* exam and *one* license class. If the government's concern is legitimate, then everyone needs to satisfy it, if the government's concern is illegitimate, then no one needs to satisfy it.

It is obvious that in order for a licensee to conform to the regulations, he must know and understand the regulations. Thus a test element on regulatory matters needs to be passed by all amateurs, and, as noted above, it needs to be the *same* test for all amateurs, and I'd add that it should be comprehensive. I don't think it should be a test of memorization, since that is of no real value. I suggest it be an open book exam, IE Part 97 available to the applicant during the exam, and it should present real world situations where an amateur might need to interpret and apply the regulations in order to know how to proceed. This element should be pass/fail, IE lack of sufficient knowledge of the regulations should be sufficient grounds to disqualify an applicant for a license of any kind.

It should also be obvious that electrical safety and biohazard knowledge is required of all applicants in order to satisfy the government's legitimate concern that the applicant cause no harm to himself or others. This too should be comprehensive, and again could be open book with real world situations presented which would need to be resolved using the applicant's knowledge and using the reference materials he would be expected to consult in the real world. Again this element should be pass/fail because lack of safety knowledge is sufficient grounds to disqualify an applicant.

Because all amateurs are permitted, even encouraged, to build, modify, and repair radio equipment, and because all amateurs need some knowledge of how equipment is supposed to operate in order to be able to determine if it is in fact operating correctly, even if they never intend to build, modify, or repair that equipment themselves, a test on electrical theory and practice is required.

While I'd prefer a single test here as well, for operations different in kind, different sorts of tests could be required, IE different levels of knowledge may be required for low power versus high power operation, different sorts of knowledge may be required for low band versus microwave circuitry, different knowledge may be required for different modulation forms, etc. If carried too far, this could lead to a myriad of license classes, each balkanized into different operating classes, not easily separated one from the other. So I prefer a single comprehensive test here too. Again, it could be open book, with the usual references an amateur would be expected to consult available to him during the test. Again, this element would be pass/fail.

Subsumed under the test heading above could be a question or two on OOK Morse modulation as one of the varied methods an amateur would be permitted to use to encode text. As part of one comprehensive exam element, these questions would have the same weight as other questions on other text encodings. It would not be pass/fail by itself as a standalone element.

But if we decided it would be necessary to balkanize licensees into various classes, we could have separate test elements on each of the various encodings, with the corresponding privilege to use that encoding being dependent on passing that particular element. This privilege shouldn't have anything to do per se with authorized spectrum, just authorized modulation type. That's in keeping with it being legitimately required knowledge to be able to operate so as to satisfy the goverment's legitimate licensing concerns. It would, however, be illegitimate to require passage of a test in one encoding in order to obtain privileges for the use of a different encoding.

I *really* think it is a bad idea to balkanize amateurs for many reasons, and this would also raise a substantial barrier

to the introduction of new modes to amateur radio. Who'd create
the test a priori for a method which only exists as yet as a gleam
in an experimenter's eye? So I oppose by mode licensing, but it
is a legitimate way licensing could be structured while still
being in keeping with government's legitimate purposes.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2926. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep12.171636.11495@ke4zv.atl.ga.us>
Source record: 217024

In article <50qlto$5fq@anomaly.ideamation.com> kd1nr@anomaly.ideamation.com (Anthony S. Pelliccio) writes:
>In article <50nufc$p18@news.ais.net>, <carl@ais.net> wrote:
>>As I said in another post, packet radio USER links should be
>>ROUTINELY running at 56-64kbps MINIMUM and "backbone" links at T1
>>(1.544Mbps) or faster.
>>
>How I'd love to see packet links at 56KB and higher. I believe the real reason>
>reason we don't have links that fast is due to the commercial interests
>not the lack of technical skill.

Commercial interests? Are you proposing that there is a conspiracy among amateur manufacturers to hold packet speeds down? What about the GRAPES 56 kb RF modem? It has been available for 8 years as a kit, and is now available W&T from PacComm. If you want 56 kb packet links, there's your commercial off the shelf solution.

Some of us have been running 56 kb down here for 8 years. You could have been doing the same thing. Why didn't you?

Could it be because you didn't have a critical mass of digit heads to make it happen? That seems likely. Networks aren't much good unless there are enough people wanting to be connected to make them worth installing. Fortunately, we were able to achieve critical mass down here, but not without a lot of work preaching the gospel and overcoming the myths of the naysayers.

I don't know how many miles a core group of us have travelled to put on demonstrations and to teach seminars. I even produced a half hour tutorial video. We had to produce a paradigm shift in the minds of a lot of folks who were stuck in the rut of thinking that you had to use a FM voice radio to do packet, or those who whined "I can't type that fast". Fortunately, we found some new blood who hadn't yet had their minds closed and thought that some real speed would let them do neat new things. It does.

But sad to say, more 1200 baud operators pop up every day and decide to build a "network" on 145.01 MHz. They have to learn all over again what the words "congestive collapse" mean. Sigh.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2927. Re: The party is over for CB

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep12.163058.11282@ke4zv.atl.ga.us>
Source record: 217025

In article <322F5DD2.28D4@izzy.net> Mid Life Crisis <mlc@izzy.net> writes:
>
>72527.01012@compuserve.com wrote:
>> >Gary, KF9CM wrote:
>>
>> >Well boys and girls the party's over for CB. This means that the local
>> >police will arest and fine you if it passes. The Bill reads out as
>> >follows:
[snip]
>> To all ham operators:
>>
>> You better hope and pray that the bozo cop who gets dispatched to
>> investigate an interference complaint is technically qualified to judge
>> what is a CB station and what is a ham station.
>
>How about showing him your license?

Yeah, right. Reaching for your license is a good way to get shot.

>> I don't know about you, Gary, but I don't have the time or money to go
>> to court to prove that I am a ham and was running a legal station.
>
>Did you ever consider that the state must prove that YOU were the
>interfearing station? Or did you think the officer was going to ask you
>to cough up some cash on the spot?

It is quite obvious you've never been on the receiving end of a police raid. A group of heavily armed masked thugs kick in your door, throw you against the wall, ransack your place, confiscate anything they damn well please as "evidence", and then after you get the charges dismissed as false (costing you thousands in lawyer fees), you still have to sue to get your goods returned (likely in not very good condition). And they won't pay to fix the damage they did to your house either. You go back to court to sue for damages and guess what? They have sovereign immunity and you can't sue without their permission.

It is bad enough having to deal with federal agents, who (not counting ATF) are at least generally polite while ransacking your place. Adding in the local thugs as well is not a good idea at all. The only difference between local police thugs and the Mafia is that you might actually get the protection you're paying for from the Mafia.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses

534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2928. Mid Atlantic VHF conference/Packrats Hamfest

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: landisj@nad.com
Message-ID: <1996Sep12.140357.634@main03>
Source record: 217026
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.homebrew

*** Mid Atlantic VHF Conference ***

The 20th Annual Mid-Atlantic States VHF Conference sponsored by the Mt. Airy VHF Radio Club will be held on Saturday, 5 October at the Days Inn in Horsham PA. Technical presentations relating to VHF/UHF/SHF weak signal operating will begin at 9AM.

The Days Inn is located just north of exit 27 (Willow Grove exit) of the PA Turnpike, just north of Philadelphia, in Horsham, PA. Rooms at the Days Inn can be reserved by calling 215-674-2500. Mention Pack Rats for a discount. The Days Inn is filling up quickly, so reserve soon. Additional lodging is available in the Horsham area.

*** HAMARAMA ***

On the following day, Sunday 6 Oct. the Packrats will have their annual hamfest at the Bucks County Drive In Theater, about 5 miles north of PA Tpk. exit 27 on Rte. 611. Talk-in on 146.52 simplex and the W3CCX repeater on 224.58.

Ron, WZ1V has placed the flyer for the events, including a preliminary list of presentations, on the N.E.W.S. Group web page:
http://uhavax.hartford.edu/~newsvhf/hamarama.html

For more information on the technical conference or a possible presentation slot, contact John Sortor, KB3XG, at 610-584-2489 or at JohnKB3XG@aol.com.

Joe - AA3GN
--
landisj@nad.com - speaking

2929. Yaesu FT-40 MODS needed

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: jpss@mailhost.ais.net
Message-ID: <jpss-ya023080001209961517320001@news.ais.net>
Source record: 217027
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

Still in search of mod for the FT-40 UHF HT. we know that there is a mod
to get it into the 462 mhz range,
Does anyone know where to get this info???

Thanks

2930. Re: Ham radio stores in Canada

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: Brian Ward <bward@cyberspc.mb.ca>
Message-ID: <3238799A.31C@cyberspc.mb.ca>
Source record: 217028

Bruno Rosenthal wrote:
>
> Hello Friend,
> Don't know whether it's the right newsgrp (it's my first try anyway), so
> apologize for inconvenience caused if not.
>
> I'm going to Canada in 10 days. I'm looking for ham radio shops in
> Toronto, Ottawa, Montreal, Quebec (all cities on my trip).
>
> Thanks for your help
>
> 73, Bruno

Atlantic Ham Radio
Lutz Ecker (owner)
368 Wilson Ave.
Downsview, ONT
M3H 1S9
Phone: (416) 636-3636
Fax: (416) 631-0747
Internet Email: ahr@interlog.com

Bytown Marine Limited
5 Corvus Court
Nepean, Ontario
Canada, K2E 7Z4
Phone: (613) 723-8424
Fax: (613) 723-0212
Email: gwalker@bml.ca World Wide Web : http://www.bml.ca

Comtelco Electronics
1456 Logan Avenue
Winnipeg Manitoba
Canada
Phone: (204)774-9313
Email: comtelco@cyberspc.mb.ca WWW :
http://www.cyberspc.mb.ca/~comtelco

Com-West Radio Systems Ltd.
48 East 69th Ave
Vancouver, BC
V5X-4K6
Phone: (604) 321-3200
Fax: (604) 321-6500
Internet Email: info@com-west.com World Wide Web

http://www.com-west.com/com-west/

Produits Electroniques Elkel Ltee.
Andre Falardeau (owner)
2435 Boul des Recollets
Trois Rivieres, Quebec
G8Z 4G1
Phone: (819) 378-5457
Fax: (819) 378-0269
Internet Email: elkel@nomad.qc.ca
Internet WWW http://www.elkel.qc.ca

Norham Radio
Angelo Meffe (owner)
4373 Steels Ave W.
North York, ONT
M3N 1V7
Phone: (416) 667-1000
Fax: (416) 667-9995
Internet World Wide Web http://www.norham.com/

Radio Progressive Montreal Inc.
8104 Route Trans Canadienne
Ville St-Laurent, (Quebec)
Canada, H4S 1M5
Phone: 514-336-2423
Fax: 514-336-5929
Email: ve2mrp@rpmi.com
www http://www.rpmi.com

--
==========
Brian Ward
Computer Programmer / Analyst
JMJGroup Consulting
bward@JMJGroup.mb.ca
==========
check out my web page: http://www.cyberspc.mb.ca/~bward
bward@cyberspc.mb.ca
==========

2931. Re: Do we build? was(Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <519sk3$5v9@anomaly.ideamation.com>
Source record: 217029
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew

In article <32383D5A.5E58@bga.com>, Chris Broadbent <cfb@bga.com> wrote:

> BTW, my profession involves the development of
>device drivers & microcontrollers and work on new CPU designs.

Sorry, you must be lieing. According to Carl-The-Omniscent, the CW examination scares away the technical elite. The fact that you enjoy CW means that you absolutely, positively CANNOT be an engineer. If you were, you wouldn't like CW, and you'd think amateur radio consists of a "bunch of geeks who know less about RF than you've forgotten".

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

2932. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <519sb1$5uh@anomaly.ideamation.com>
Source record: 217030

In article <5181co$eu5@news.ais.net>, <carl@ais.net> wrote:

>I'm saying that we'd be further along if we had not driven hordes of
>technically skilled/computer-savy folks away with the code requirement.

Deja-vu. Gee, I could have sworn I saw this same exact claim some 7
years ago when the current codeless license was proposed.

Funny, the codeless license has been around for half a decade now and
we still can't seem to find those hordes of wiz-bang techno-geniuses.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

2933. Amplifiers: Class C, etc Whats the difference?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: author@poboxes.com
Message-ID: <519vn7$hgg@hawk.branch.com>
Source record: 217031

I've seen several amplifiers for sale and was wondering what classes there are and whats the difference between them? The main ones I've seen are class C and Class AB-1. Thanks for any info.

Ryan

ryan@poboxes.com

2934. alinco dj-191e mods

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: Trond Ofstad <trond.ofstad@namdalsnett.no>
Message-ID: <32387D45.44ED@namdalsnett.no>
Source record: 217032

I need information on expanded RX for my Alinco DJ-191E.

2935. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: rob@pe1chl.ampr.org
Message-ID: <DxMF00.I3o@pe1chl.ampr.org>
Source record: 217033
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In <5165pu$t32@curlew.mtx.net.au> rsbaker@dove.mtx.net.au writes:

>In <cgreenha.629.322EC0AC@magnus.acs.ohio-state.edu>, cgreenha@magnus.acs.ohio-state.edu
(Christopher K. Greenhalgh) writes:
>>In article <Dx82ou.Co9@pe1chl.ampr.org> rob@pe1chl.ampr.org (Rob Janssen) writes:
>>
>>
>>>It only IS 9600 baud ready in YOUR opinion, and possibly Kenwood's.
>>
>>[subtle insults snipped]
>>
>>No Rob...thats a fact. Want to come over to my house? It spewing data
>>as we speak at 9.6k.
>>
>>Take care.
>>
>The question is, how efficiently is it using the channel? If you have to run a
>TXDelay parameter of more than 50mS (which should be the absolute maximum
>considered usable for 9k6) then you're spending more time sending sync flags and
>rubbish than actual data!

Well, we have already tried to explain that to our friend Christopher,
but he does not get it. "my modem says 9600 baud and I get a connection
so my transceiver works at 9600 baud" is his credo.

Of course, he has not responded to my challenge to measure the actual
throuhput while uploading a 200K file to a nearby user or BBS...

Rob
--
+-----------------------------------+---------------------------------------+
| Rob Janssen pe1chl@amsat.org | BBS: +31-302870036 (2300-0730 local) |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+-----------------------------------+---------------------------------------+

2936. Boatanchors newsgroup

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: res@cmprime.cis.att.com
Message-ID: <51a0o5$9si@anchor.cis.att.com>
Source record: 217034
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

Status of the proposal for rec.radio.amateur.boatanchors -

A revised charter has been posted to news.groups, and a vote taker has been assigned. Expect a CFV any day now. It will be announced here in swap and r.r.a.misc.

Rick KT2Q
Proponent of rec.radio.amateur.boatanchors

2937. IPS Daily Report - 12 September 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <51a5ol$7lu@flare.syd.ips.oz.au>
Source record: 217035
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 12/2330Z SEPTEMBER 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE AUSTRALIAN SPACE FORECAST CENTRE
SUMMARY FOR 12 SEPTEMBER AND FORECAST FOR 13 SEPTEMBER - 15 SEPTEMBER

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 68/2

GOES satellite data for 11 Sep
Daily Proton Fluence >1 MeV: 1.0E+06
Daily Proton Fluence >10 MeV: 1.5E+04
Daily Electron Fluence >2 MeV: 8.5E+07 (normal)
X-ray background: A1.0
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
13 Sep 14 Sep 15 Sep
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 13 Sep: 68/2

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Unsettled to active

Estimated Indices : A K Observed A Index 11 Sep
Learmonth 21 4343 4433
Fredericksburg 20 20
Planetary 18 19

Observed Kp for 11 Sep: 3444 3333

2B. MAGNETIC FORECAST
Date Ap Conditions
13 Sep 13 Unsettled
14 Sep 8 Quiet to unsettled
15 Sep 5 Quiet

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band

Date Low Middle High
12 Sep Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
13 Sep Normal Normal Normal-fair
14 Sep Normal Normal Normal
15 Sep Normal Normal Normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
12 Sep 4

Observed Australian Regional MUFs:
Darwin: 15-30% depressed for the period 0400-0800UT,
otherwise near predicted monthly values.
Townsville: Up to 30% enhanced for the period 0900-1300UT,
otherwise near predicted monthly values.
Sydney: Near predicted monthly values.
Hobart: 15% depressed for the period 0100-0800UT, otherwise
near predicted monthly values.

Predicted Monthly T index for September: 9

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
13 Sep 5 near predicted monthly values
14 Sep 7 near predicted monthly values
15 Sep 7 near predicted monthly values

--
IPS Radio and Space Services | email: asfc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/asfc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
tel: +61 2 94148300 | fax: +61 2 94148331

2938. Radio Propagation Forecasting Course Enrollments Due Soon

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: oler@holly.cc.uleth.ca
Message-ID: <51a5q6$439@holly.cc.uleth.ca>
Source record: 217036
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.swap,sci.astro

This is a friendly reminder that the Internet Space Weather and Radio Propagation Forecasting Course will begin on 27 September. Those who are interested in enrolling must do so within the next two weeks (by 27 September).

Briefly, the Internet Space Weather and Radio Propagation Course is the most comprehensive course available to teach people about the Sun, the disturbances that can affect the Earth, and how to accurately predict how they can affect the Earth's environments.

This is an exhaustive and comprehensive course that should be taken by everyone interested in radio communications, solar and space weather conditions, satellite vulnerabilities, electrical hydro operations, navigation, etc. The course optionally includes some of the most powerful tools in the world for probing the ionosphere and studying solar and geophysical data.

For a complete description of the course outline and course objectives, please visit the WWW site: http://solar.uleth.ca/solar/www/course.html.

For those who don't have WWW access, send e-mail to: COler@Solar.Stanford.Edu to obtain a course outline via e-mail.

2939. Re: Amplifiers: Class C, etc Whats the difference?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: skerns@mail.talon.net
Message-ID: <51a7c6$76i@crash.microserve.net>
Source record: 217037

Without getting too deep, a class C amplifier is biased off when when a drive signal is not present, it is not a linear amplifier and can only be used as a amplifier for CW or FM modes. A class AB-1 amplifier is a linear amplifer being biased in the linear region of the active device. A linear amplifier is useable with any mode because the output is linearly amplifier copy of the input.

In article <519vn7$hgg@hawk.branch.com>, author@poboxes.com says...
>
>I've seen several amplifiers for sale and was wondering what classes
>there are and whats the difference between them? The main ones I've
>seen are class C and Class AB-1. Thanks for any info.
>
>Ryan
>
>ryan@poboxes.com
>

2940. Re: Amplifiers: Class C, etc Whats the difference?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: tonyz@rose.hp.com
Message-ID: <51a7b3$q12@rosenews.rose.hp.com>
Source record: 217038

Ryan (author@poboxes.com) wrote:
: I've seen several amplifiers for sale and was wondering what classes
: there are and whats the difference between them? The main ones I've
: seen are class C and Class AB-1. Thanks for any info.

: Ryan

: ryan@poboxes.com

If you are seeing amplifiers here, they are probably the linear type,
usually class A in order that the original RF signals they are amplifying
are not distorted. Other classes are used, depending on the application
like the AB you are familiar with. Varying output power is available,
and I have never run a linear myself. This is called 'barefoot'.
Some folks never run more than 5 watts and these are the QRP'ers you
see referred. The big guns are usually looking for DX and have
elaborate yagi's mounted on towers, or acreage to put out lots
of wire in different configurations to supplement their high output
power. Basically, the amplifiers are biased to operate in the
linear portion of their operating curves. Some of these tube type
linears dissipate so much power, you generally have to run on 220VAC
power. There are solid state versions too. Commercial amplifiers
may even be water-cooled.

Class B operates so that plate current (or collector current)
flows during only 180 degrees of the input signal, for example
only the positive half of a sine wave input signal.

Interesting stuff, more in the ARRL Handbook and other sources.

see ya.

2941. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: rice@ttd.teradyne.com
Message-ID: <1996Sep12.133148.1@ttd.teradyne.com>
Source record: 217039
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <charles1DxLAJE.Hsn@netcom.com>, charles1@netcom.com (charles copeland) writes:
> In article <515bgo$rlh@lehi.kuentos.guam.net>,
> Jim Kehler <pacrimgolf@kuentos.guam.net> wrote:
>>
>>
>>I know you guys want a no code HF license. But I don't know exactly
>>what you expect to get when or if you get one. I have seen a lot of
>>'logic' from the Carl Clan supporting the 'plan', but I haven't seen
>>much about what 'the plan' is. That's why I am asking.
>
> Simply put, substitute much more stringent technical written
> tests for code test. Thats all.

I'll buy that. Let's go back to the days where you had to draw
schematics and do 'real math'. No more 'memorize the test'. I'd go for
that...

John Rice - K9IJ | "I speak for myself, not my employer".
| Miracles, Magic and Sleight-of-hand done here.
k9ij@amsat.org | Licensed since 1959
rice@ttd.teradyne.com | Ex: K8YZR, KH6GHC, WB9CSP, W9MMB, WA1TXV

2942. Re: Open Letter To Carl WA6VSE

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: rice@ttd.teradyne.com
Message-ID: <1996Sep12.133831.1@ttd.teradyne.com>
Source record: 217040
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <charles1DxLA9I.HAF@netcom.com>, charles1@netcom.com (charles copeland) writes:
> In article <515beo$rlh@lehi.kuentos.guam.net>,
> Jim Kehler <pacrimgolf@kuentos.guam.net> wrote:
>>
>>I am writing this letter because I take issue with of Carl WA6VSE's claims.
> [delete]
>>In essence his claims are pure tripe. I myself find his opinions evil, heinous,
>
> [massive delete]
>
> Boy, talk about pure flame bait. Jim must not have anything better to do.

Hey, if you were stuck on an island in the middle of the pacific, you'd
take your entertainment where you found it, too :-).
(The cheaper the better) <GRIN> Been there, done that.

John Rice - K9IJ | "I speak for myself, not my employer".
| Miracles, Magic and Sleight-of-hand done here.
k9ij@amsat.org | Licensed since 1959
rice@ttd.teradyne.com | Ex: K8YZR, KH6GHC, WB9CSP, W9MMB, WA1TXV

2943. Western CT Hamfest this Sunday, Sep 15

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: KD1YV <jimkd1yv@ix.netcom.com>
Message-ID: <3238C46A.4682@ix.netcom.com>
Source record: 217041
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.space,rec.radio.amateur.digital.misc

THE WESTERN CONNECTICUT HAMFEST
Sponsored by the Candlewood Amateur Radio Association

Just 14 miles from the NY/CT State line!

Sunday, Sept. 15, 1996 0900-1400
Edmond Town Hall Route 6, Newtown, CT
Tables inside Tailgating outside
ARRL Sanctioned Handicapped Access
Door Prizes Ample Parking
Gourmet Fare Rain or shine

Talk-in 147.12/.72 PL 141.3

General admission $4.00 at the door (what a deal!)

Tailgating $6.00, inside table reservations $10.00 each, (both
include 1 admission), mail to:
Candlewood Amateur Radio Association, PO BOX 3441, Danbury CT 06813

For more info, phone (203) 790 7041 or (203) 438 6782.

Hope to see you all there.
73 de KD1YV
Jim

2944. Re: ARRL "Representation"

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: cathryn@junglevision.junglevision.com
Message-ID: <slrn53fn5e.s1v.cathryn@junglevision.junglevision.com>
Source record: 217042

>I agree 100% And a million plus in unrestricted surplus CASH being rat
>holed ("invested") by the ARRL. Don't believe me? Just look the ARRL
>balance sheet published each spring in QST. Our "League" has done
>everything possible to protect the "good old boy" CW dinosaur operators
>club as well as protecting the perks of some know it all directors.
>

I don't really see accumulation of surplus cash as a bad thing. A million dollars isn't what it used to be, and I think it's an indication of good management to have a bit of a bankroll around. ARRL does, after all, need cash to make its payroll and publish its books. If one year, there was no money to put the handbood together then the whole thing might collapse very quickly. What'd be more scary is if the ARRL was getting big debts.

Now, if there are big expensive perks for directors, now that is another issue.

2945. Re: Boatanchors newsgroup

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: Wayne Wicks <wayne@interealm.com>
Message-ID: <3238DF2C.4740@interealm.com>
Source record: 217043
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

Richard E Stealey wrote:
>
> Status of the proposal for rec.radio.amateur.boatanchors -
>
> A revised charter has been posted to news.groups, and a vote taker has been
> assigned. Expect a CFV any day now. It will be announced here in
> swap and r.r.a.misc.
>
> Rick KT2Q
> Proponent of rec.radio.amateur.boatanchors

Horay!!!!!!!!
--
Wayne Wicks
W.L. Wicks Sr.,Inc.
7581 Lost Ranger Peak
Littleton, Colorado 80127
wayne@interealm.com
(303) 972-3012
WA2KEC

2946. new web site

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: "A.A.D.E." <aade@ix.netcom.com>
Message-ID: <3238F20D.121B@ix.netcom.com>
Source record: 217044

Check out my homepage which is dedicated to engineering, homebrew and QRP
http://www.aade.com

Neil

2947. RE:stacking yagi's

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: Mike Snowden <mikes@fishnet.net>
Message-ID: <3238BA1B.5850@fishnet.net>
Source record: 217045

I am trying to find out which is the better way to stack a pair of yagi horizonally polarized. Does anyone have any thoughts on the pair being stacked on top of each other or side by side. Please let me know what you think. thanks, Mike

2948. WTB:pre '70's call books

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: Mike Snowden <mikes@fishnet.net>
Message-ID: <3238BE9F.3B3@fishnet.net>
Source record: 217046

I am trying to trace my father's orgins in ham radio. I am looking for older call sign books. I have gone back as far as 1973, but have not found and call books older than 1973. If you have older copies in good shape I would be interested in possibly buying them. Thanks, Mike
e-mail me at mikes@fishnet.net

2949. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <518fim$p8c@news.Hawaii.Edu>
Source record: 217047
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Phil Karn <karn@unix.ka9q.ampr.org> wrote:
> Subbands are an anachronism given the supposed
>flexibility of the amateur service combined with the emerging

Does this mean you don't mind us operating AM anywhere on 40M? Thanks!

Jeff KH2PZ

2950. Re: Keep CW Requirement?...on radio show!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-12 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <519ivr$rqt@news.Hawaii.Edu>
Source record: 217048
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
> that means (Carl's) an "old Tech", IE he took a code test
>and the full General written to get his license.

For the folks who don't know about the old tech license, Carl passed
a 5wpm test, or 25 characters per minute - that's one character every
2.4 seconds. Painfully slow.

>... since Carl
>has been licensed 25 years, we're qualified.

1996 - 1975 = 21, not 25, Gary. Push the wrong button on your calculator?

Carl's only motive in wanting the code test dropped is to fill his and
his company's bank accounts - the company he works for apparently has
some HF gear on the design board, and he'll $urely profit from the
creation of a code-free HF license.

Did you buy $tock in his company, Gary?

Jeff KH2PZ (ex WA6QIJ from '76)

2951. Re: FS: All Ham Bands, Reply to Republican Congress

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: wf3h@enter.net
Message-ID: <51ag5o$jnf@news.enter.net>
Source record: 216955
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.amateur.policy

tuhams@netzone.com (Richard Dunmyer) wrote:

>T E I X E I R A <teixeira@ccnet.com> wrote:

>>>The Democrats screw up and the Republicans have a party. Then the
>>>Republicans screw up and the Democrats have a party.
>>>
>>>This is known as the 'two-party' system.
>>>
>>Yea.....Politicians treat us like Mushrooms.....They keep us in the dark and feed us Bull
>>Shit!

>>Dole ain't worth a damn & Clinton is a Republican in a Democrats cloths.

>I respectfully disagree with the above statement....Dole isn't worth a
>damn but Clinton is a Marxist Liberal who is lying to appeal to the
>mainstream america....Most folks actually believe what he says...He
>will be elected in a landslide and then may God have mercy on us all!

A marxist liberal? persecutes gays, signs an unworkable punitive
welfare bill, panders to the religious rite on a number of
issues...actually is a closet conservative.

2952. Re: the final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: markl@dove.net.au
Message-ID: <842588848mnewsmarkl@dove.net.au>
Source record: 216956
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

>
>
> WHAT IS C W
>
> * It is a unique,intimate,concise and effective communications skill still
> employed throughout the world.

CW, just to be pedantic for a second, does not convey intelligence unless it
is coded. Morse code is the most common hand transmitted CW code.

> * It is the most efficient mode in terms of power required for long-
> distance communication ,least susecptible to interference,and conserving of
> the radio frequency spectrum.

Not true, unless you also stipulate that it must also be one of the cheapest.

>
> * It involves no accent or pronunciation problems,therefore providing a
> widely understood international language.

This is a common fallacy about Morse code - it is NOT a widely understood
international language - it is not a language at all. It is a basic one for
one represntation of the alphabet and numbers. If you cannot understand
a common voice language, then what most people are relying on is the
abbreviation codes such as the Q-codes. If you think I'm off the mark, then
perhaps you could show how you would communicate to a non-english speaker
that:

"Tomorrow, it will be fine so I'll do my washing. The day after, I will do
the ironing when it is raining."

This is a simple concept in any true language, so the "widely understood
international language" should be able to communicate this easily without
resorting to English.

The writer also tends to overlook the fact the Morse operators also have
"accents" which can impair communications. One could also argue that any
text based comms is free of accent.

> * It employs simpler,more reliable and easily maintained equipment than any
> other communications mode.
>

Most amateurs use commercial equipment which provides the other modes as well.
It is true, however, that if you build the simplist possible transmitter and
receiver, but in many cases, modern communication building blocks allow other

modes for the same relative complexity.

As to being more reliable, this is questionable as the transmitter is being powered up and down continuously. Given the same level of technology, I'd suggest that an FM rig would probably be more reliable as it is keyed less that a CW rig for a comparable contact time.

> * It is an equalizer,negating age,speech impediments and dialectical
> differences;it provides for ready acceptance of youngsters in an adult
> enviornment.

It however, does discriminate against people, especially older people, who have muscular problems which limit their hand coordination. The ready acceptance of youngsters is a bit tenuous, unless the writer is implying that older amateurs are "age-ist". I would hope that that amateurs accept people on their actions, not their perceived voice age. Otherwise, it would tend to indicate that they may discriminate against sending style anyway.

> * It is the ONLY radio communications mode that is understood readily by
> both man and machine.
>

>
> Please note : the above article was submitted for packet by N1CNS as
> a reminder that it is a serious and viable means of communication. Any
> responses may be sent to me WA1HVD @ KA1AZ.RI.USA
>
> .

This comment, I do agree whole-heartedly. CW operation should always have a place in Amateur Radio as long as a single operator whichs to use it. It can be a very enjoyable pursuit to many amateurs. I would certainly resist any move to say that CW (Morse) should not retain its slice of all amateur bands.

Mark

2953. Re: Little LEO again (was Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: djfinn@ibm.net
Message-ID: <51aj9d$3mr2@news-s01.ny.us.ibm.net>
Source record: 216957
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

myers@West.Sun.COM (Dana Myers) wrote:

>What makes you think the ham community should be congratulating itself
>for a job well done? Is the job 'done'? What is negative about
>my post?

Well, for one thing you refer to amateur response as a mailbombing.
That's negative.

>I've been on the net long enough to recognize an e-mail bombing in the
>works. If 1000 amateurs write physical letters to the FCC, some low-paid
>clerk sifts through the mail bags - if 1000 amateurs write e-mail to
>individual FCC employees, these well-paid employes have to spend time
>sifting through their mailboxes. If you don't think this is a hassle,
>I'll tell you how to create a 'sendsys' Usenet control message and
>you can tell me what you think about a flood of mail.

>I doubt that Sumner realized how anti-social an e-mail bombing really
>is when he encouraged all hams to do it to the IWG-2 committee members,
>but that doesn't change the fact that it was anti-social. Am I being
>negative when I point out that the ARRL leadership encouraged the
>hams to do something considered very rude? Again, if you don't think
>an e-mail flood is rude, you haven't been there yet. It is a kind of
>terrorism.

I have thought of a mailbombing as an act where one fills up a
victim's mail server with 'data' generated by one person. This was not
a mailbombing at all. The ARRL activity was an e-mail letter writing
campaign consisting of communications of thousands of individual
participants. Not the same thing at all. The ARRL campaign was very
legitimate. It is inflammatory to refer to their act as a mailbombing.
ARRL did not in any way encourage a violation of accepted net usage.

>Furthermore, the committee was deluged with messages that are almost
>certainly content-free as far as they're concerned.

Aw, come on Dana. The important part was the "number" of protests. We
all knew what the protesters were protesting about.

>The only content
>those letters can be expected to have is "don't take away 2m or 70cm" -
>and the IWG group probably isn't planning to take away 2m or 70cm,
>despite the paranoid speculation to the contrary.

>>Sorry, but I think if everyone had waited for the supposed 'facts' as
>>you did, the WG would be much closer to annexing 2m than it currently
>>is today. I think ARRL displayed effective leadership in this case and
>>obtained the intended results. They have done a lot to redeem their
>>position as the voice of amateur radio, even if we don't end up
>>winning. They did manage to do the best any organization could with
>>the resources they had (basically people (us), and not a lot of
>>money).

>Again, what results have the FCC accomplished? Have 2m and 70cm been
>removed from the candidate list? Why is it time to party?

True, what has been accomplished has yet to be seen. But I suspect the campaign made a *big* difference.

Please re-read the statement you yourself included in the auto-quote, ie, the part where I said "even if we don't end up winning". I did not assume we 'won'. Besides, there would be no reason to 'party' for winning since the gain in accomplishing this objective is still zero. It is very negative if we lose.

You need not respond further and defend your position. Let's just agree to disagree and leave it at that.

73

KR4AJ

2954. BULLETIN: 14 Year Old Sailor Not Heard in 3 Weeks

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: vbook@vbook.com
Message-ID: <51aimv$8ci@kanga.accessone.com>
Source record: 216958
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc

www.hamradio-online.com Bulletin:

14 year old Subaru Takahashi is making a solo crossing of the Pacific Ocean from Japan to the United States - in a 30 foot yacht. According to Masa Sakamoto, KN6RJ, Subaru, who's call sign is JH0YCG, has not been heard since August 18th. He may be experiencing radio equipment problems or propagation problems.

Net Frequency: 21.437 MHz

Net Schedule
JST 07:00 - 08:00 Seagull Net (GMT 2200 - 2300)
JST 12:20 - 13:00 Okera Net (GMT 0320 - 0400)
JST 20:00 - 20:30 Okera Net (GMT 1100 - 1130)
Note: JST to GMT conversion performed by Ham Radio Online and unverified

Masa is calling him 10 minutes before each net starts. Please watch first if he is calling back. If you can hear him and if I can not copy him, call him and ask his location and condition.

We will post updates on this situation at http://www.hamradio-online.com (also accessible as http://206.13.40.11/).

Ed (KF7VY) and Kim (N7VPL) Mitchell
email to vbook@vbook.com
Visit Ham Radio Online, it's free! at
http://www.hamradio-online.com

2955. Re: WTB or locate: Wen soldering gun tips

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: rbritt@visi.net
Message-ID: <51ajcl$kf4@madrid.visi.net>
Source record: 216959
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

I use number 10 copper wire. Bend it to fit. Its the same as the tips
were basically. Make sure you tin it as soon as it gets hot.

Walter Lamia <lamia@fc.hp.com> wrote:

>I am looking for replacement tips for a Wen soldering gun. I believe
>the company went out of business some time ago, but I still have a unit
>that was my father's, and is probably 30 years old. It still works, but
>the tip finally broke.

>I know it's a long shot, but maybe some oldtimers (no offense) on this
>group might be able to give me a lead
>--
>Best regards,
>----
>Walter Lamia Software Quality Consultant Hewlett-Packard Company
>lamia@fc.hp.com 970-229-7410 3404 E. Harmony Rd - MS 65
>KB0YAA fax 229-4556 Ft. Collins, CO 80525 USA

2956. Yaesu Owners: extraterrestrial frequency!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: JRW4 <jrw4@ix.netcom.com>
Message-ID: <01bba131$312e2dc0$64441ecc@superbabe>
Source record: 216960

Wanna hear aliens -- as in, from outer space?

Well, I found the frequency for you to monitor -- but only if you have a
Yaesu HT.

Punch in 897.25 Mhz -- you'll see what I mean.

--

Secrets to making money on the Internet!

We won't tell you to spam anyone, or to stuff
dollar bills in envelopes & mail them out.

We *will* tell you how to become a member of the
best and easiest moneymaking opportunity on the
net. And the best part? It's FREE.

http://freedomstarr.com/?wa9431673

2957. Learning/Improving CW Skills

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: Jim Reid <jreid@aloha.net>
Message-ID: <01bba134$cc6282c0$82070ccf@jim-reid-1>
Source record: 216961

Aloha from Kauai,

A few days ago, someone posted a question about learning CW.
IMO, the best CW learning tapes are those by Gordon West;
ads in the ham mags nearly monthly and also available from the
W5YI Group which also runs ads, look in CQ magazine. You will
need a stereo cassette player with which you can control the
volume of each channel independantly, as Gordon does coaching/
commenting, etc on one channel while the CW is on the other.

For improving an already semi-learned CW skill, check out my
bit in the present issue of CQ Magazine, pg 92. it is within the
Contest Calendar department by John Dorr, K1AR. In it you
will find several ideas for improving your CW skills.

I hope you learn quickly and come to enjoy the fun of the mode as much
as thousands of the rest of us do about the world. Try listening on 20
meters and compare the number of readable QSO's going on in both
the SSB and CW band areas: above 14150 in the US for SSB, and
between 14000 and 14060 or so for CW. You will be surprised at the
very great number of useable CW signals, especially on weekends
as compared to those really readable in the SSB area. The same
thing is going on, at appropriate prop condition times of the day,
all over the world on all NINE (9) HF amateur bands! There are
hundreds of CW QSO's in progress all the time, and guys and gals
worldwide are enjoying the mode because it is FUN!

By the way, contrary to what you read on many of the amateur radio
newsgroups, CW is alive and well in both the commercial and military
communication systems of the world! For example:

In the Mediterranian Sea, weather info is provided to commercail
ships ONLY by CW by ROMA Radio, IAR, from a coastal station on
Italy.

In the Indian Ocean, weather information is provided to commercial
shipping ONLY by CW from India on both MF and HF frequencies.

The Brit AirForce, the RAF, is still teaching and using CW.
The 13 week course, given at No. 1 Radio School at RAF Locking,
requires 18 wpm skill demonstration to pass. CW is used, world wide
by the RAF in many ground to ground and ground to air circuits,
Falklands, etc.

This past June 28th, the Russian Cruies Liner, Alla Tarasovia, at dawn
that day, with its vaunted GMDSS (Global Marine Distress Satellite
System) apparantly inoperative, had to send out a CW SOS with

position, heading, situation, etc. The CW signal was intercepted by Stonehaven Radio and alerted the Aberdeen Coast Guard. 71 passengers and 68 crew on board were saved from harm as a result of an alert and competent CW operator. The liner, chartered by Toronto based Marine Expeditions, had lost engine, power and was drifting out of control Thank God the RO was still CW competent and so was the watch RO at Stonehaven.

In follow up, BBC TV reported this past July 16th, that the worldwide GMDSS is "in a state of near collapse." The report claimed that about 95 percent of marine distress calls being rcv'd by Coast Guards are false alarms! Falmouth Coast Guard alone recv'd 959 false calls in the previous 12 months. This is being caused by incomplete training of shipboard operators, and a woeful inadequate training to service technicians who are to service and certify the equipment. The training has fallen behind the need, and has proven much more difficult than had been anticipated. Also, the supply of equipment from manufacturers is way behind schedule. Further, the training and supply of Inspectors to monitor the system and to enforce standards is proving almost impossible.

International shipping may just reconsider the situation and decide they had better maintain, on the watch 24 hours, CW competent radio operators on board, and similarly at Coast Guard stations worldwide.

Anyhow, jump on in, and learn and enjoy CW. Who knows, you might also, one day find yourself in a situation where CW just might be the only mode of communictions. By the way have you heard of Morse 2000? This is a program which is teach the Morse code to handicapped individuals who can communicate in no other way. It is a growing program, and is being accepted enthusiastically about the world as a whole NEW way for the handicapped to communicate. Small world, isn't it?

Have fun learning and using CW! You will find none of the nonsense that goes on in the SSB segments on CW: fights over a frequency, discussions of medical problems, symptoms and visits to the MD, DX net operators berating the huddled masses awaiting the precious turn to work the DX, etc. On the CW mode you will meet a lot of people just having fun!

73, Jim, AH6NB

2958. Repeater Question

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: ab5on@juno.COM
Message-ID: <19960912.224049.7663.0.ab5on@juno.com>
Source record: 216962

Here in Oklahoma we in the Ham radio community have recently dealt with 3 emergencies that involved on-site communications that lasted 1 to 2 weeks or longer. Several of us have noted that the 2 meter HT has been the workhorse of this effort. Fortunatly, we have been near repeaters most of the time. The experience has highlighted the fact that outside a metro area the HT would be severly limited. We are looking at a project to build a "generic" repeater controler for emergencies that could use two radios to quickly set up a repeater (no frills) on any freq. Obviously the audio would have to come from a speaker output and end up as a mic level input and the TX switching would have to come from audio detection instead of AGC. Technical details aside, I come to the question of whether anyone knows of such a controller or are we going to have to develop it ourselves?

73 from the Heartland
Rick, AB5ON

2959. Re: Little LEO again (was Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <51aqvc$k83@abyss.West.Sun.COM>
Source record: 216963
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <51aj9d$3mr2@news-s01.ny.us.ibm.net>,
Dan Finn <djfinn@ibm.net> wrote:
>myers@West.Sun.COM (Dana Myers) wrote:
>
>
>>What makes you think the ham community should be congratulating itself
>>for a job well done? Is the job 'done'? What is negative about
>>my post?
>
>Well, for one thing you refer to amateur response as a mailbombing.
>That's negative.

That isn't negative - it is a fact.

>>I've been on the net long enough to recognize an e-mail bombing in the
>>works. If 1000 amateurs write physical letters to the FCC, some low-paid
>>clerk sifts through the mail bags - if 1000 amateurs write e-mail to
>>individual FCC employees, these well-paid employes have to spend time
>>sifting through their mailboxes. If you don't think this is a hassle,
>>I'll tell you how to create a 'sendsys' Usenet control message and
>>you can tell me what you think about a flood of mail.
>
>>I doubt that Sumner realized how anti-social an e-mail bombing really
>>is when he encouraged all hams to do it to the IWG-2 committee members,
>>but that doesn't change the fact that it was anti-social. Am I being
>>negative when I point out that the ARRL leadership encouraged the
>>hams to do something considered very rude? Again, if you don't think
>>an e-mail flood is rude, you haven't been there yet. It is a kind of
>>terrorism.
>
>I have thought of a mailbombing as an act where one fills up a
>victim's mail server with 'data' generated by one person. This was not
>a mailbombing at all. The ARRL activity was an e-mail letter writing
>campaign consisting of communications of thousands of individual
>participants. Not the same thing at all. The ARRL campaign was very
>legitimate. It is inflammatory to refer to their act as a mailbombing.
>ARRL did not in any way encourage a violation of accepted net usage.

An e-mail bombing is causing someone's mailbox to receive a
large quantity of e-mail in a short period of time. There's no
difference if one person sends you 1000 messages or 1000 people
send you one message - same result.

The ARRL campaign was instigated by one person and carried out
by perhaps 1,000. It was a mail bombing - something not
considered rude with snail mail but certainly rude in email.

It is in no way inflammatory to call a mail-bombing a mail-bombing.
The ARRL encouraged amateurs to deluge several people's mailboxes
with e-mail. If you don't think that is a bombing, you're not
being realistic.

>>Furthermore, the committee was deluged with messages that are almost
>>certainly content-free as far as they're concerned.
>
>Aw, come on Dana. The important part was the "number" of protests. We
>all knew what the protesters were protesting about.

Wait a minute - are you saying the ARRL wanted to deluge the
e-mail boxes of people with a large "number" of messages?

How exactly does that differ from a mail bombing?

>>The only content
>>those letters can be expected to have is "don't take away 2m or 70cm" -
>>and the IWG group probably isn't planning to take away 2m or 70cm,
>>despite the paranoid speculation to the contrary.
>
>>>Sorry, but I think if everyone had waited for the supposed 'facts' as
>>>you did, the WG would be much closer to annexing 2m than it currently
>>>is today. I think ARRL displayed effective leadership in this case and
>>>obtained the intended results. They have done a lot to redeem their
>>>position as the voice of amateur radio, even if we don't end up
>>>winning. They did manage to do the best any organization could with
>>>the resources they had (basically people (us), and not a lot of
>>>money).
>
>>Again, what results have the FCC accomplished? Have 2m and 70cm been
>>removed from the candidate list? Why is it time to party?
>
>True, what has been accomplished has yet to be seen. But I suspect the
>campaign made a *big* difference.

Oh, I don't doubt the campaign has left a big impression. I just have
doubts the impression was good.

>Please re-read the statement you yourself included in the auto-quote,
>ie, the part where I said "even if we don't end up winning". I did not
>assume we 'won'. Besides, there would be no reason to 'party' for
>winning since the gain in accomplishing this objective is still zero.
>It is very negative if we lose.
>
>You need not respond further and defend your position. Let's just
>agree to disagree and leave it at that.

I don't see this as just a disagreement - I see this as an abuse
of e-mail by the ARRL, something I hope they're not encouraged to

continue in the future.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

2960. Hurricane Frequencies

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: snyder@fishnet.net
Message-ID: <51audv$q5o@mackrel.fishnet.net>
Source record: 216964
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave

HURRICANE FREQUENCIES
(Unless otherwise noted, times are UTC, freq in kHz)
Revised September 1, 1996

The following high-frequency hurricane season intercepts have been gleaned from numerous sources. Times and frequencies are subject to frequent change, and are listed for reference only. This list has been published monthly during hurricane season since 1991.

If you copy this list, credit the authors. Do not remove update request and e-mail addresses. This is the only way we can keep the list updated! Thank you all who have so generously contributed information. Enjoy!

Bill Snyder AA6KC
Roger Pettengill

FREQUENCIES OF INTEREST DURING HURRICANE SEASON

03357.0 FAX Pictures from NAM Norfolk (continuous)
03407.0 USB National Hurricane Center air-gnd ◆ALPHA◆
04271.0 FAX Pictures from CFH Halifax (continuous)
04426.0 USB USCG wx NMN Portsmouth (0400 0530 1000)
04724.0 USB Hurricane hunter acft - GHFS
05211.0 USB SHARES - FEMA National Emergency Coordination Net (night pri)
05562.0 USB National Hurricane Center air-gnd ◆BRAVO◆
05610.0 USB National Hurricane Center air-gnd ◆CHARLIE◆
06496.4 FAX Pictures from CFH Halifax (continuous)
06501.0 USB USCG wx NMN Portsmouth (0400 0530 1000 1130 1600 2200 2330)
06673.0 USB National Hurricane Center air-gnd ◆DELTA◆
06739.0 USB Hurricane hunter acft - GHFS guarded by MacDill & Ascension
07507.0 USB USN/USCG hurricane net (pri)
07508.5 USB FAA Caribbean hurricane net
08764.0 USB USCG wx NMN Portsmouth (0400 0530 1000 1130 1600 1730 2200 2300)
08876.0 USB National Hurricane Center air-gnd ◆ECHO◆
08968.0 USB Hurricane hunter acft - GHFS
08992.0 USB Hurricane hunter acft - GHFS guarded by MacDill & Ascension
09380.0 USB USN/USCG hurricane net (sec)
10015.0 USB National Hurricane Center air-gnd ◆FOXTROT◆
10493.0 USB SHARES - FEMA National Emergency Coordination Net (day pri)
10536.0 FAX Pictures from CFH Halifax (continuous)
10865.0 FAX Pictures from NAM Norfolk (continuous)
11175.0 USB Hurricane hunter acft - GHFS guarded by MacDill & Ascension
13089.0 USB USCG wx NMN Portsmouth (1130 1600 1730 2200 2330)

13200.0 USB Hurricane hunter acft - GHFS
13267.0 USB National Hurricane Center air-gnd ◆GOLF◆
13510.0 USB Pictures from CFH Halifax (1000-2200)
15016.0 USB Hurricane hunter acft - GHFS guarded by MacDill & Ascension
17314.0 USB USCG wx from NMN Portsmouth (1730)
17901.0 USB National Hurricane Center air-gnd ◆HOTEL◆
17976.0 USB Hurricane hunter acft - GHFS
21937.0 USB National Hurricane Center air-gnd ◆INDIA◆

AMATEUR HIGH-FREQUENCY EMERGENCY HURRICANE NETS

01984.0 LSB Virgin Islands (Virgin Islands, Puerto Rico, Lesser Antilles)
03808.0 LSB Caribbean Wx (1030)
03815.0 LSB Antigua/Antilles
03815.0 LSB Inter-island (continuous watch)
03845.0 LSB Gulf Coast West Hurricane
03862.5 LSB Mississippi Traffic
03873.0 LSB Central Gulf Coast Hurricane
03873.0 LSB Texas Traffic
03905.0 LSB Pacific ARES (Hawaii)
03907.0 LSB Carolina Coast Emergency
03910.0 LSB Mississippi ARES
03910.0 LSB Virginia Emergency, Alpha
03915.0 LSB Louisiana Emergency
03915.0 LSB North Carolina
03915.0 LSB Massachusetts/Rhode Island Emergency
03917.0 LSB Eastern Pennsylvania Emergency
03923.0 LSB Mississippi ARES
03923.0 LSB North Carolina Emergency (Tar Heel)
03925.0 LSB Central Gulf Coast Hurricane
03925.0 LSB New York State Emergency
03925.0 LSB Louisiana Emergency (altn)
03925.0 LSB Southwest Traffic (altn)
03935.0 LSB Belize
03935.0 LSB Central Gulf Coast Hurricane
03940.0 LSB Southern Florida Emergency
03947.0 LSB Virginia Emergency, Bravo
03950.0 LSB Northern Florida Emergency
03955.0 LSB South Texas Emergency
03960.0 LSB North East Coast Hurricane
03965.0 LSB Alabama Emergency (altn)
03967.0 LSB Gulf Coast (outgoing traffic)
03975.0 LSB Georgia ARES
03975.0 LSB Texas RACES
03987.5 LSB Mexican National
03993.5 LSB Gulf Coast Health & Welfare
03993.5 LSB South Carolina Emergency
03995.0 LSB Gulf Coast Wx
07165.0 LSB Antigua/Antilles

07165.0 LSB Inter-island 40-meter (continuous watch)
07225.0 LSB Central Gulf Coast Hurricane
07230.0 LSB Southwest Traffic
07232.0 LSB South Carolina Emergency
07232.0 LSB North Carolina Emergency (Tar Heel) (altn)
07235.0 LSB Louisiana Emergency
07235.0 LSB Baja
07235.0 LSB Central Gulf Coast Hurricane
07240.0 LSB Texas Emergency
07243.0 LSB Alabama Emergency
07243.0 LSB South Carolina Emergency
07245.0 LSB Southern Louisiana
07247.0 LSB Southern Florida Emergency (altn)
07247.5 LSB Northern Florida Emergency (altn)
07248.0 LSB Texas RACES
07250.0 LSB Belize
07250.0 LSB Texas Emergency
07254.0 LSB Northern Florida Emergency
07260.0 LSB Gulf Coast West Hurricane
07264.0 LSB Gulf Coast Health & Welfare
07268.0 LSB Waterway
07273.0 LSB Texas Traffic
07275.0 LSB Georgia ARES
07280.0 LSB NTS Region 5
07280.0 LSB Louisiana Emergency (altn)
07283.0 LSB Gulf Coast (outgoing only)
07290.0 LSB Central Gulf Coast Hurricane
07290.0 LSB Gulf Coast Wx
07290.0 LSB Hawaii Emergency
07290.0 LSB Traffic
14185.0 USB Caribbean Emergency
14200.0 USB (Please advise)
14215.0 USB Pacific Inter-island
14222.0 USB Health & welfare
14245.0 USB Health & welfare
14268.0 USB United Nations Radio Readiness Network
14275.0 USB Bermuda
14275.0 USB International Amateur Radio Net
14283.0 USB Caribus Health & Welfare
14300.0 USB Intercontinental Traffic and Maritime Mobile Service
14303.0 USB Atlantic Region Traffic (Health & welfare)
14316.0 USB Health & Welfare
14325.0 USB Hurricane Watch (Amateur-to-Natl Hurricane Center)
14340.0 USB Louisiana (1900)
14340.0 USB California-Hawaii
21310.0 USB Health & welfare (Spanish)
21390.0 USB Inter-Americas Health & Welfare
21400.0 USB Transatlantic Maritime
28450.0 USB Health & welfare (Spanish)

Hurricane reconnaissance aircraft (hurricane hunters) now operate primarily

on US Global High Frequency System (GHFS) frequencies. Best frequencies to

monitor are those guarded by MacDill and Ascension. After initial contact
on one of the published GHFS frequencies, listen closely for them to switch

to a non-published frequency to pass traffic. Aircraft call signs are
"GULL-nn" or "TEAL-nn" (where nn is a 2-digit number), "NOAA-42", "NOAA-43
and NOAA-49. The GULL and TEAL aircraft are based at Keesler AFB,
Biloxi, MS. The NOAA aircraft are based at MacDill AFB, Tampa, FL.

Whenever a hurricane is within 300 miles of land in the northern western
hemisphere, the Hurricane Watch Net is operational on 14325. The Hurricane

Watch Net provides communication between the National Hurricane Center and
the affected areas.

During a communications emergency, W1AW transmits special bulletins by
voice at hh:00, teleprinter at hh:15, and CW at hh:30. Frequencies are:
Voice 01855 03990 07290 14290 18160 21390 28590
Teleprinter 03625 07095 14095 18102.5 21095 28095
CW 01818 03581.5 07047.5 14047.5 18097.5 21067.5 28067.5

The National Institute of Standards and Technology broadcasts storm warn-
ings on 2.5, 5, 10, 15 & 20 MHz AM according to the following schedule:
WWV hh:08 Covers Atlantic and eastern North Pacific
WWVH hh:48 Covers Western, Eastern, Southern, and North Pacific

---

Globe Wireless broadcasts weather information, forecasts and bulletins in
CW and SITOR modes on the following time-slot schedule:

STATIONS
WNU New Orleans, Louisiana
VCT Tors Cove, Newfoundland
KFS Palo Alto, California

FREQUENCIES
WNU FEC: 04210.5 06327.0 08425.5 12588.5 12607.5 16384.5
VCT FEC: 04217.5 06329.5 08422.0 12610.5 16827.5
KFS FEC: 04211.5 06315.5 08417.5 12580.5 16829.5 22377.5
WNU CW: 00478.0 04310.0 08570.0 12826.5 17117.6 22575.5
KFS CW: 00476.0 08558.4 12844.5 17026.0 22581.5

FEC PRODUCT & TRANSMISSION TIMES
WNU: GOM/CARIB/ATL CYCLO BULL 0220 0520 0820 1120 1420 1720 2020 2320

WNU: GOM/CARIB OFFSHORE FCST 0350 0950 1550 2150
VCT: N ATL HIGH SEAS WX 0450 1050 1650 2250
KFS: E & CTL PAC CYCLO BULL 0220 0520 0820 1120 1420 1720 2020 2320
KFS: PAC HIGH SEAS WX 0450 1050 1650 2250

CW PRODUCT & TRANSMISSION TIMES
WNU: GOM/CARIB/N ATL HSEAS WX 0350 0950 1550 2150
KFS: PACIFIC H SEAS WX 0450 1050 1650 2250

NOTES:
1. Offset tune 2.2 kHz for FEC broadcasts in FSK or LSB
2. Normal hurricane season extends 01 June to 30 November

Links to a wide array of current technical hurricane information and data can be found at Eric Blake's Atlantic Tropical Weather Center page located at http://banzai.neosoft.com/citylink/blake/tropical.html. Products include weather forecasts, hurricane reconnaissance flight data, satellite weather images, and more.

You really can help keep this list current by sharing your additions, corrections and deletions. Cite source and include detailed info. Submit to either of the following:

Bill Snyder AA6KC
E-mail: snyder@fishnet.net (please note new e-mail address)
Amateur Packet: AA6KC@WB6WFH.#SOCA.CA.USA.NOAM
FAX: 805-254-2060
US Mail: 26033 Coronado Ct, Valencia, CA 91355-2142

Roger Pettengill
E-mail: rwp@westnet.com
Compuserve: 73300,1327
US Mail: 181 Main St, Highland Falls, NY 10928

[EOF]

2961. Re: Hand Delivery of FCC 610-V Vanity Call applications.....

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: tgold@microvst.dircon.co.uk
Message-ID: <842597978snz@microvst.demon.co.uk>
Source record: 216965
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

In article <5161uf$5oq@granite.sover.net>
mc@granite.sover.net "Michael Crestohl" writes:

> If you are interested in having us hand deliver your 610-V form please
> reply by e-mail. Depending on the number of responses we will figure out
> what the contribution should be.

Did anyone get any reply to email sent re this offer?

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

2962. The REAL makeup of contesters

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <323934EA.2939@ccsnet.com>
Source record: 216966
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

What others say:

From: k0hb@hamlink.mn.org (Hans Brakob)

Hi,

With reference to your recent comments about contesters, I thought
of you when I saw the following:

With apologies to Darwin, it's obvious that ham radio has three
distinct classes of people, each with its own evolutionary destiny:

1) Hard core contesters who will evolve into godlike
non-corporal beings who rule the universe (except for those who
work only phone contests).

2) Contester wannabes who try to pass as knowledgeable but secretly
lurk and copy 2 or 3 exchanges to get the call and serial number
before attempting their own exchange. This group will gravitate
toward jobs as high school principals and operators of pet
crematoriums. Eventually they will become extinct.

3) Non-contesters who will grow tails, sit in zoos and fling dung at
tourists, while chanting "Please QSY -- there's a net down 10KC
and it's been there for 40 years."

73, de Hans (Grinning, Ducking, and Running)

2963. What the real RACES is

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <32393556.1963@ccsnet.com>
Source record: 216967
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

From: WF2R@WA2YSM
To: RACES@NEBBS
Subject: Is it really necessary?

There has been much discussion about ARES/RACES etc on the packet system. One message "crows" about the quality of volunteers in California, another "cackles" about a dispute between RACES and ARES members in TEXAS.To all these people whom are looking to carve their niche in amateur radio by participing in so called emergency communications: you are wasting your time. Emergency communications is already provided by many other groups, including the american red cross. Yes, the ARC was granted use of 220-223 MC by the FCC for their emergency communications use. Their attorney who petitioned the FCC is also the ARRL General Counsel in WASHINGTON DC. Most of the members belonging to these groups ARES/RACES are bored, lonely people with no social ties, the remainder are CONTROL FREAKS, people that want to do ONLY THEIR WAY. Just read the packet messages that come out of California regarding this topic, and judge for yourself. If you are new to this hobby, and somehow you have been corralled into this "we have to provide emergency communications syndrome" you can easily bail out now and avoid agruments, personality clashes etc. Just tell the group leader you are out, you will be better off in the long run.

2964. Hams under stress

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <323935BB.5AE9@ccsnet.com>
Source record: 216968
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Here is the list of stressors, along with their relative weights, from Drs. Thomas H. Holmes and Richard H. Rahe, psychiatrists at the University of Washington Medical School. K1OIK made certain additions:

Event Relative Rating
Talk to an attractive female direct 200
Talk to a female on the air 103
Forced to sell rig 102
Theft of rig 101
Death of spouse 100
Ham takes a bath or shower 100
Antenna falls 100
Try to fix own rig 99
Spouse walks into ham shack 99
Divorce 73
Receiving a packet message 69
Marital separation 65
Jail term 63
Death of close family member 63
Sending a packet message 54
Personal injury or illness 53
Listening to a repeater 52
Marriage 50
Fired at work 47
Marital reconciliation 45
Retirement 45
Change in health of family member 44
Pregnancy 40
Sex difficulties (all hams have this) 39
Gain of new family member 39
Eyeball "QSO" 34
Change in financial state 38
Death of close friend 37
Death of a ham friend 01 (all hams are dead anyway)
Change to different line of work 36
Change in number of arguments w/ spouse 35
Change in number of QSOs 33
Mortgage over $10,000 (!) 31
Foreclosure of mortgage or loan 30
Change in responsibilities at work 29
Son or daughter leaving home 29
Trouble with in-laws 29
Outstanding personal achievement 28

Outstanding ham achievement 67
Wife (spouse) begins or stops work 26
Begin or end school 26
Change in living conditions 25
Revision of personal habits 24
Trouble with boss 23
Trouble with rig 87
Change in work hours or conditions 20
Change in residence 20
Change in schools 20
Change in recreation 19
Change in call sign 99
Change in church activities 19
Change in social activities 18
Mortgage or loan less than $10,000 17
Change in sleeping habits 16
Change in # of family get-togethers 15
Change in code speed 15
Change in eating habits 15
Vacation 13
Christmas 12
Minor violations of the law 11
Receiving a QSL card 09
Ham's child dies 07

Feel free to make additions and I will update the list.

Burt K1OIK.

2965. qsl route?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: wf3h@enter.net
Message-ID: <51bfhd$rpu@news.enter.net>
Source record: 216969

Anybody know a qsl route for bv5gq? also, need name for TJ1HP...is there a reflector to post these questions? tnx much all.

2966. Re: Hand Delivery of FCC 610-V Vanity Call applications.....

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: mc@shore.net
Message-ID: <51bgkm$9rk@northshore.shore.net>
Source record: 216970
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

In article <842597978snz@microvst.demon.co.uk>,
Anthony R. Gold <tgold@panix.com> wrote:
>In article <5161uf$5oq@granite.sover.net>
> mc@granite.sover.net "Michael Crestohl" writes:
>
>> If you are interested in having us hand deliver your 610-V form please
>> reply by e-mail. Depending on the number of responses we will figure out
>> what the contribution should be.
>
>Did anyone get any reply to email sent re this offer?
>
>Regards,
>--
> Tony - G3SKR / AA2PM email: tgold@panix.com
> tgold@microvst.demon.co.uk
> packet: g3skr@n0ary.#nocal.ca.usa.na

Yes, I replied to seven folks who sent messages expressing an interest in having my friend and I deliver their 610-Vs along with ours to Pittsburgh. I sent a bulk reply to all seven so you all could know who else was involved in this undertaking. If I were going to entrust MINE to someone else I would certainly want to know who else was involved or I'd probably smell scam!

We want to cover expenses if we go. If not we'll share the resource I mentioned in my private messages to all that replied.

Michael Crestohl, KH6KD/W1
mc@shore.net

2967. Re: U.S. Navy CW Call Signs

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: Rick Miller <rdmiller@execpc.com>
Message-ID: <01bba171$319a6900$060801c1@eng06.digalogsys.com>
Source record: 216971

I don't know which navy you're referring to, but...

When I was in the US Navy, my job was to monitor and track foreign vessels.
The Soviets CHANGED CALLSIGNS MONTHLY, ship and shore alike.
I suspect that our navy may do the same, but since I was a "spook" (not a
radioman)
I never got much chance to listen to our own comms.

Mikel Bowlin <mikelb@ix.netcom.com> wrote in article
<514es0$bup@dfw-ixnews7.ix.netcom.com>...
> Does anyone have a source for this info ? Mike KF6FLQ
>

2968. Re: keyer with single chip micro?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: Rick Miller <rdmiller@execpc.com>
Message-ID: <01bba171$a39a5ec0$060801c1@eng06.digalogsys.com>
Source record: 216972

I'm in the process of designing a similar keyer, but smaller and with fewer parts.
Only one button, not five, so you can install it inside your rig with no fuss.

The design, still beta, is open for personal use:

http://www.execpc.com/~rdmiller/pickeyer/

James D. Cronin <jdc@cci.com> wrote in article
<DxJBE8.A46@sunsrvr6.cci.com>...
>
> There's already a memory keyer kit that uses the PIC. It's called
> the "Atomic Keyer". I can get an email address if you're interested.

2969. Need GE Progress Line Rcvr Schematic

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: YoumansB@worldnet.att.net
Message-ID: <51blej$2g0@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 216973

My local repeater club purchased an old GE PRogrees Line receiver to a provide 6M Skywarn backbone audio feed into the repeater. The receiver looks very similar to a model ER-39-C (4ER39C68-85) for which we have a schematic. Unfortunately the receiver must not be that model as the boards and wiring do not agree with the documentation.

The only numbers we can obtain are from the PL board and the AUDIO, SQ, & IF board. The numbers found there are:

PL19D40237G4 REV (ink stamped on board assy)

19C303450 R4 (on PC foil pattern)

We would appreciate any service information any readers might have.

Reply here or send E-mail to YoumansB@worldnet.att.net

Thanks, Barry KB8YSE

2970. Re: Mail vs hand deliv, vanity app?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: rpatters@slonet.org
Message-ID: <51bmbp$a6u@twizzler.callamer.com>
Source record: 216974

radio@copland.udel.edu (Robert Penneys) wrote:

>Do you have any knowledge of whether it would be more effective to
>have one's vanity call application hand delivered or express mailed
>to get there on the 23rd?

I spoke with the FCC this morning and they told me that the
applications would be processed together and selected at random rather
than on the basis of their arrival time. It seems that hand delivery
would not be more effective.

++
+ Ron Patterson WA6VQZ + Atascadero, California CM95qj +
+ rpatters@slonet.org + WA6VQZ@W7AZF.#CENCA.CA.USA.NA +
++

2971. Thanks Carl

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <51bnen$412@dfw-ixnews4.ix.netcom.com>
Source record: 216975

Just a quick note to that Carl for his tireless jousting at the radid pro code folks. When I first got my license I was enthusiastic about all aspects of amateur radio including code. The exposure I got on the net to the very rabid pro code folks A.K.A Code Nazis has comptletely changed that.

Now I am solidly against any code test of more than 5 WPM. I think the band plan should be changed to significantly reduce the spectrum reserved for CW particularly in light of the fact that they are free to operate anywhere in the bands.

Rather than wasting my energy "debating" the issue on the net I spend the time I want to devote to this issue working to change things. I suspect that I am not alone but most people would rather not endure the flames and insults that result when you come out against the code.

For the comprehension challenged. I was not against the code when I got into ham radio. The net is the biggest infulence in turning me against the fast code test. For each person willing to write and tell you this many are not. Neither ham radio nor life as we know it on the planet will end if the fast code test does.

Thanks again Carl keep up the good work.

73 Jerry

2972. Vanity Call Sign Filing Procedures Clarified

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: "Bart Jahnke, KB9NM ARRL/VEC" <vec@arrl.org>
Message-ID: <32395F6B.7C1C@arrl.org>
Source record: 216976

FCC NEWS Released: September 12, 1996

WIRELESS TELECOMMUNICATIONS BUREAU CLARIFIES
AMATEUR VANITY CALL SIGN FILING PROCEDURES

Filing Gate 2 will open for Amateur Station Vanity call sign requests on September 23, 1996 (see Public Notice 64756 released August 22, 1996). The Commission's lockbox contractor in Pittsburgh, PA has been inundated with inquiries concerning the filing gate and procedures. All inquiries concerning Amateur Vanity call sign requests and the filing procedures should be directed to the Wireless Telecommunications Bureau's Consumer Assistance Branch in Gettysburg, PA, toll free (800) 322-1117. Do not call the Commission's lockbox contractor in Pittsburgh, PA.

Applications for vanity call sign requests, as well as other types of applications, are processed in receipt date order only, thus the time of delivery within that receipt date has no bearing on the order of processing
within that receipt date. An application filed at 12:01 a.m. has the same
processing priority as an application received at 11:59 p.m. that same day.
Applications will be processed in the order they are received at the processor's work station. The Wireless Telecommunications Bureau requests that you take this into consideration when delivering your applications to Pittsburgh.

Again, any inquiries concerning Amateur Vanity call sign Form 610-V completion or filing procedures should be directed to (800) 322-1117.

2973. New amateur-radio website!!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: Diego Armari <d.armari@acdx2.dsnet.it>
Message-ID: <01bba184$a7c0b540$670320c3@acdx2.dsnet.it.d.armari>
Source record: 216977

Hello!
I'm proud to announce a new web-site enterely dedicated to amateur radio.
The site is maintained by an italian amateur-radio association and there's
a lot of interesting informations.
This is the URL:

http://www.geocities.com/SiliconValley/2551/sezione_eng.htm

or (in italian language)

http://www.geocities.com/SiliconValley/2551/sezione.htm

Enjoy-it!

--
-----------------> Diego Armari <----------------
Telecommunications Engineer Student at University
of Bologna.

E-mail d.armari@acdx2.dsnet.it
WEB http://www.geocitise.com/SiliconValley/2551
HamRadio Callsign IW4DN
AX25 Packet Radio IW4DN@IW4CNQ

If you are an OM and run Win95,
DOWNLOAD NOW YOUR FREE COPY OF MiniLOG 1.1!
Check out my website for more informations!

2974. Re: ARRL and the little LEO grab

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: little@pecan.enet.dec.com
Message-ID: <51bq95$l09@usenet.pa.dec.com>
Source record: 216978
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <DxMooH.3KC@sunsrvr6.cci.com>
jdc@cci.com (James D. Cronin) wrote:

> In article <511a86$qr1@mgate.arrl.org>, Ed Hare <ehare@arrl.org> wrote:
>>
>>(As a matter of fact, Carl, I do believe that. The LEO system is
>>frequency adaptive, checking channels for occupancy, etc., before use.
>>The satellite stations probably would be compatible with most 2-meter
>>phone work. The real problem comes from the ground stations associated
>
> So what happens when a LEO keys up on a locally coordinated frequency when
> it is momentarily idle? Like repeater inputs, packet links, etc. Or
> they key up in the passband of an ATV signal.

You'd probably hear at worst a kerchunk and more likely nothing. I believe
these LEO's are planning on operation SS. Their effect would be more of
raising the noise floor. In the FM portions of the our bands, that's probably
not a big deal, but in the weak signal portions, it's a real problem.

>>>>They're hoping to "get their foot in the door" ... plain and simple ...
>>>>and IF they do, once they launch their systems and "discover that their
>>>>sharing plans don't work after all" they'll be back at the FCC in a
>>>>heartbeat, complaining about interference and seeking to "move the
>>>hams".. guaranteed!
>
> Bingo.

Perhaps, although I find trying to address hypothetical ulterior motives
a rather fruitless activity. The likelihood you are correct is low and mostly
all it does is raise people's blood pressure. But hey, feel free to have a go.
If you believe our political clout is enough to fight this without attempting
to cooperate, go for it.

73,
Todd
N9MWB

2975. Re: Hand Delivery of FCC 610-V Vanity Call applications.....

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: tgold@microvst.demon.co.uk
Message-ID: <842628823snz@microvst.demon.co.uk>
Source record: 216979
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

In article <51bgkm$9rk@northshore.shore.net>
mc@shore.net "Michael Crestohl" writes:

> In article <842597978snz@microvst.demon.co.uk>,
> Anthony R. Gold <tgold@panix.com> wrote:

> >Did anyone get any reply to email sent re this offer?

> Yes, I replied ....

Yup, got it. Thanks.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

2976. Mobile, AL Hamfest

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: jpardue@communique.net
Message-ID: <51bv69$ofs_001@msy4.Communique.Net>
Source record: 216980
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

There is a Hamfest in Mobile, AL on September 28th. Can anyone provide information on location, hours of operation, talk-in freq, etc.?

Thanks in advance for any information.

73, de Joe, K5HLR

2977. Re: Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep13.145351.14463@ke4zv.atl.ga.us>
Source record: 216981

In article <3232D8CF.41CB@compuserve.com> Steve Eklund <72527.01012@compuserve.com>
writes:
>Steve - KF2TI, NJ wrote:
>With all of the whining you read about 220 being taken away, they forget
>one thing: only part of the band was taken away. At least we still have 3
>Mhz of the band left, but is it getting used? Not in my area. You would
>figure that the whiners will flock to the ham radio stores to buy 220
>equipment to keep the remaining part of the band, but it hasn't happened.
>The worst part about it is that UPS is not even using the lower 2 Mhz. I
>never hear anything on there.

I sure do down here. It isn't UPS, but there are users on those lost
2 MHz. Seems to be mostly low speed encrypted data, though I occasionally
pick up FM voice too. The voice signals don't sound like typical land mobile
radio traffic, I'm not sure what they are or who they are.

The remaining amateur part isn't empty either. We've got a 56 kb repeater
in there, and there are several voice repeaters too. They're not as active
as the 2m or 70cm repeaters, but they're there. During drive times in the
mornings and evenings, there are always some repeaters active on the band.

The new equipment situation is rather grim. The manufacturers who geared
up for the expected sales bonanza that was to follow Novice Enhancement
dropped most of the 1.33m equipment from their lines after that proved
to be a bust. And there's little available commercial surplus to convert
for this band. We've been able to get enough Sinclabs transverters for
our data use (Maple Leaf Communications has Sinclabs' remaining stock).
If you're looking for a good HT or mobile rig for voice use on this band,
the pickings are pretty slim. There is a tri-bander or two, and a couple
of HTs.

If I'm not mistaken, 1.33m is available to amateurs only in North
America, so the vast Japanese home market doesn't offer the buffer
it offers for the Japanese manufacturers of 2m and 70cm radios.
It is a low volume specialty market to them, so we haven't seen
as many feature rich radios for this band as we have for the others.
And that's what a lot of hams seem to want.

Of course we can build our own, but there haven't been many construction
articles in the magazines or in the Handbook for this band. It is sadly
true that few amateurs will tackle completely original projects. I did
whip up a transverter design for 29 MHz->219 MHz (or 222 MHz with just a
crystal change and a couple of tweaks). Due to the expected low volume
demand, however, it probably isn't worthwhile to bring it to market as
a kit. I may submit a construction article to one of the magazines to
see if there is any interest in it.

Gary
--
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Lawrenceville, GA 30244 | |

2978. Re: ARRL and the little LEO grab

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep13.163918.14813@ke4zv.atl.ga.us>
Source record: 216982
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <511a86$qr1@mgate.arrl.org> Ed Hare <ehare@arrl.org> writes:
>gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>
>>In article <50s7vj$a97@news.ais.net> carl@ais.net writes:
>>>Ed, I can't believe that you are actually naieve enough to believe that
>>>.. they're technical folks ... they understand the realities of
>>>weak-signal satellite links ... they know that the 2m and 70cm are
>>>already quite heavily occupied (by amateur standards, considering the
>>>present state of technology in wide-spread use by amateurs).
>
>(As a matter of fact, Carl, I do believe that. The LEO system is
>frequency adaptive, checking channels for occupancy, etc., before use.
>The satellite stations probably would be compatible with most 2-meter
>phone work. The real problem comes from the ground stations associated
>with all this; they could interfere with 1-watt HTs that the satellite
>really can't hear. Our Senior Lab Engineer, Zack Lau, did a rather
>detailed analysis of the situation; we really have looked at it
>carefully.)

Interference *to* amateurs is one thing, and it may not be a serious
thing for most FM operators, but interference *from* amateur stations
in the satellite footprint is another thing altogether. And that's the
more critical factor for sharing. Over 100,000 sq km will be in the
footprint of a LEO sat at any given time. If the US amateur population
were distributed uniformly across the US, there would be 6,000 amateurs
in the satellite's footprint at any given time. If all of them were
on the 500 FM 2m channels at once, every channel would have 12 signals
being received by the satellite. (Obviously this is worst case, and
will be derated below.)

Unlike the low power mobile satellite Earth stations of the little LEO
system, many of these amateur systems will be running 45 watts, IE
mobile/base stations. If we assume that half are such stations and
the other half are HTs, then there will be 300 watts per channel in
the satellite footprint, or 150,000 watts in the satellite receiver's
front end passband. (Of course we need to factor in ERP and path loss
to get the actual received power, which will be tiny, but the desired
little LEO Earth terminals' signals will be tinier still at the satellite's
receiver.)

Of course all those amateurs aren't transmitting at once. But the
area is sufficiently large that frequency reuse will be occurring,
IE *someone* in the footprint will likely be using a channel at
any given time though all users of that channel may not be transmitting

at once. If we follow the 10% rule, there's still a good likelyhood
that there will be 6 db more amateur signal on every channel of the
satellite's receiver than there will be little LEO Earth terminal
signal, at least part of the time.

The little LEOs may listen before transmitting, but the Earth
terminals can't hear the other stations in the satellite footprint
who may be using the channel they have selected (the classic hidden
terminal problem on a grand scale). And while the little LEO systems
may listen before transmitting, the amateur systems will *not*, so
collisions remain at the pure Aloha level. And the amateur signals
will almost always *win* the collision, so even the 18% throughput
allowed in pure Aloha won't be achieved by the little LEOs (the classic
exposed terminal problem). If we believe the 6 db figure above,
throughput will be 0% for the little LEO system quite frequently.

Of course amateurs aren't really distributed uniformly across the
US. They cluster in the top 300 metropolitan statistical areas for
the most part. And of course not all US amateurs will be active on
2m at once either. This should allow *some* throughput for the little
LEO systems *some* of the time, but I wouldn't expect much. What odds
would you give that the little LEO would have *any* throughput while
the Dayton Hamvention is in its footprint?

>><snip>
>
>Actually, I suspect that the parameters for a world-class moonbounce
>station will raise a few eyebrows. :-)

And that might be used to leverage even more burdensome RF radiation
limits on amateurs. Perhaps something as extreme as setting the amateur
power limit to 50 watts period instead of just setting that as the
threshold where an environmental evaluation is required. This is dangerous
ground to be treading at this time.

>I wouldn't discount the value of
>a technical analysis of the sharing potential. Coupled with the
>demographics, showing the extent of current occupancy, it forms a pretty
>persuasive argument that they need to look elsewhere. Remember, the
>amateur frequencies are only one of a large group of bands they are
>looking at. While the LEO folks may not be dissuaded, those making
>frequency-allocation decisions will consider the technical aspects of
>sharing. One thing we can usually say about our regulators; they are not
>apt to make decisions that will ultimately result in more work for
>themselves. Deciding to permit a technically unworkable sharing
>situation would NOT lessen their workload.

One would hope that were true, but given the tenor of the remarks
on the record so far by the working group's chairman, I'm not
convinced that is the case here. Of course I realize that the
committee isn't the final word in this process, but it will carry
a lot of weight with the real decisionmakers, who are politicians

first and engineers second (if at all, most are lawyers with little or no engineering training). Remember that this decision isn't a FCC decision. They have input, but the State Dept is the major player. We have a few good friends at the FCC, but to the State Dept we are non-entities.

An old adage of politics is that to understand it you must follow the money. There are major dollar signs in the eyes of everyone touched by the little LEOs. That's particularly true of the Beltway Bandits on the committee, and also true of bureaucrats who see a chance to make powerful friends who will give them leverage with their political masters. There're practically none when the subject is amateurs.

Even a back of the envelope analysis shows that amateurs would have a severe impact on the little LEO systems, as would attempts to share land mobile spectrum. The little LEO proponents *have* to know this. Yet they put forward amateurs as potential "sharing" partners. Thus "sharing" has to be just a strawman, a way to get their foot in the door so they can come back later and demand primary status on these amateur bands, if not exclusive status on these amateur bands. They know they haven't a prayer of getting that on land mobile spectrum, the users of that spectrum are too well politically connected, but they may think they can muscle their way onto the amateur spectrum because amateurs are perceived as being politically weak.

That's why I think Dave Sumner's mail bomb was the appropriate course. It may have shown some of these folks that amateurs aren't as politically vulnerable as they may have thought. In fact they can be a big PITA when they are aroused. If there's anything a bureaucrat hates, it is stirring up the voters in their political masters' districts. That can have a direct effect on their job security and career advancement, IE the committee chairman may find himself gathering first hand counts of wild yaks in Upper Slobovia if his masters become annoyed by the hornet's nest he has allowed to be stirred.

Gary
--
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Lawrenceville, GA 30244 | |

2979. The ARRL Letter, Vol 15, No 9

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: "Lindquist, Rick, KX4V" <elindquist@arrl.org>
Message-ID: <51c569$i39@mgate.arrl.org>
Source record: 216983
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

The ARRL Letter
Vol. 15, No. 9
September 13, 1996

IN THIS EDITION:

* League petitions FCC to change RF safety rules
* ARRL membership hits all-time high
* FCC puts test electronic vanithy filing site on Web
* FCC clarifies vanity filing procedures
* Atlantis set for SAREX mission
* FCC levies $6000 fine for interference
* Ham radio goes Hollywood--again
* UNAMSAT-B in orbit
* 1996 FAR scholarship winners
* In Brief: Director Vydareny resigns; Balloon launch; National Amateur Radio Exam Days; Goldwater suffers stroke; K1AR leaves CQ; New Hong Kong ham radio prefixes.

LEAGUE PETITIONS FCC TO CHANGE NEW RF SAFETY RULES

The ARRL has petitioned the FCC to reconsider and reverse portions of the Commission's August 1, 1996, Report and Order that imposed RF-emission safety standards on Amateur Radio, including a 50-W threshold to trigger an RF-safety evaluation. In setting the 50-W threshold, the ARRL said, the FCC failed to consider the effect of antenna height, antenna gain, emission mode, duty cycle or operating frequency. The League asked the FCC either to scale the evaluation threshold by frequency to match the maximum permissible exposure (MPE) limits--directly corresponding to the way the regulations scale the exposure levels with frequency--or to set the evaluation threshold for all HF operation at 150 W at a distance of 10 meters from all parts of the antenna.

At or below that power level and at that distance from the radiator, "you'd be well on the side of safe, even at 100% duty cycle, with any antenna likely to be encountered on HF," said ARRL Laboratory Supervisor Ed Hare, KA1CV, our HQ staff liaison to the ARRL RF Safety Committee. "Some VHF/UHF and microwave station configurations could result in an RF exposure exceeding the requirements of the regulations, so the 50-W limit to trigger an evaluation is more appropriate above 30 MHz," said Hare. The ARRL Laboratory staff is working on a QST article that explains the new RF-safety regulations. "The article will tell hams how to evaluate their stations to

be in compliance with the new rules," Hare explained.

Hare also emphasized that all stations, regardless of output power or frequency, still must abide by the specified MPE limits for RF. "Even my 10-mW HF station has to be in compliance with the MPE limits. At that power level, even under the existing rules, I don't have to evaluate whether it is compliance, however; it is presumed that stations running less than 50 W PEP are in compliance."

The new rules, effective January 1, 1997, require licensees of amateur stations running 50 W output or more on any band to conduct a routine RF-safety evaluation to determine if the station could expose people to RF levels that exceed the MPE limits specified in the new rules. (Mobile installations using push-to-talk, regardless of power, are exempt from the environmental evaluation requirement.) In its reconsideration filing, the League called the 50-W threshold "regulatory overkill" and "without scientific basis." Among other things, the League said the means to conduct RF radiation evaluations are not yet available, and the ability to reconfigure a station that might exceed the new limits "is highly problematic." Coupled with any state and local land-use and RF-exposure regulations that might exist, application of the new rules "may constitute a de facto revocation or modification of the station license," the League said.

"If amateurs cannot operate using outdoor antennas due to deed restrictions, and they cannot use indoor antennas due to concern about exceeding the MPE levels, all amateur communications are precluded."

In addition, the ARRL contends that rules imposed in the Commission's Report and Order "were adopted through flawed procedures." The League said the FCC adopted the rules without advance notice and opportunity for prior comment by those who would be most affected. "Neither the League, nor radio amateurs generally, had any opportunity to comment on, or suggest alternatives to, the rules adopted by the Commission," the ARRL petition said. "The Commission cannot impose substantive rule changes without adequate notice."

The ARRL said that the new rules differentiate between ham stations and other Commission licensees, "which are treated far less restrictively." While the FCC preempted state and local government regulation of personal wireless service facilities based on environmental effects of RF emissions, it refused to do the same for ham radio "without any basis for the distinction."

The League's petition also said the rules in the Report and Order "contain substantive obligations" that affect both individual hams and the preparation of ham radio examinations. The ARRL already has asked the FCC to extend the deadline to change amateur examinations and modify question pools, but the Commission has yet to act on the request. "The Commission failed to address the impact on radio amateurs, amateur groups, or publishers of Amateur Radio examination preparation materials" the League said. Noting that the FCC has not yet issued revised documents to assist Amateur Radio licensees in determining MPE compliance, the League said that,

as it now stands, hams have no way to determine the scope of their obligations under the new rules.

The League suggested the FCC vacate its new RF safety rules governing amateur stations and issue a further notice to permit comment on the proposed rules, and, in particular, the 50-W threshold. Hare said the League's proposed HF threshold of 150-W at 10 meters distance from the antenna "encompasses a much greater range of typical Amateur Radio operation without compromising safety."

According to the September 9, 1996, issue of Radio Communications Report, the ARRL was not the only one to challenge the RF exposure guidelines. Others filing petitions for reconsideration or clarification are the Personal Communications Industry Association, the Electromagnetic Energy Association, Hammett & Edison Inc (a consulting firm) and the US Department of Defense.

ARRL MEMBERSHIP IS AT AN ALL-TIME HIGH

Good news as the 1996 ARRL National Convention gets under way in Peoria, Illinois, this weekend: ARRL membership hit an all-time record of 173,491 members in August. The previous all-time high of 172,752 was reached in March 1995, just before a small dues increase took effect that caused a slight decline.

Especially over the past two months, radio amateurs have been joining the ARRL in large numbers to express their support for the League's efforts to defend Amateur Radio frequency allocations against commercial encroachment. In a typical month, about 1500 people join the ARRL for the first time. During July and August 1996, the figures were 2461 and 1988 respectively.

ARRL Executive Vice President David Sumner, K1ZZ, was encouraged by the membership trend and hopes it will continue. "In this uncertain period, when more and more of the radio spectrum is being offered to the highest bidder, amateurs recognize that we have to stick together. The ARRL is the best glue we have," he commented.

FCC PUTS TEST ELECTRONIC VANITY FILING SITE ON THE WEB

This is only a test! In preparation for an expected onslaught of Gate 2, 3 and 4 vanity call sign applications, the FCC has made available a test version of the electronic Amateur Station Vanity Call Sign Request form, Form 610V. The electronic test form is available on the World Wide Web at http://www.fcc.gov/wtb/amradsrv.html (click on Interactive Beta Test Server to access the form). Detailed filing instructions are available by clicking on the item number on the Internet form. The FCC plans to run the Internet electronic filing test for approximately one week, so prospective electronic filers can get a feel for the process and comment on the form. At that point, the FCC is expected to issue another public notice saying when the the electronic Amateur Station Vanity Call Sign Request form will be put on line for real (check W1AW bulletins and the ARRLWeb page for late-breaking information). Send written comments and suggestions regarding electronic filing to the Wireless Telecommunications Bureau to webmail@fcc.gov.

Over the next few months, the Wireless Telecommunications Bureau intends to allow applicants for all services to submit their applications over the Internet. For technical assistance, contact the FCC Technical Support Group at 202-414-1250. For general questions regarding the application, call the Wireless Telecommunications Bureau, Consumer Assistance staff at 800-322-1117.--FCC

FCC CLARIFIES VANITY FILING PROCEDURES

With vanity call sign Gate 2 set to open September 23, the FCC is asking hams to direct all inquiries concerning amateur vanity call sign requests and filing procedures to the Wireless Telecommunications Bureau's Consumer Assistance Branch in Gettysburg, Pennsylvania (800-322-1117). Do not call the Commission's lockbox contractor in Pittsburgh, Pennsylvania.

The Bureau also notes that vanity call sign requests--as well as other application types--are processed in receipt date order only. The time of delivery within a given receipt date has no bearing on the order of processing on that day. An application filed at 12:01 AM has the same processing priority as an application received at 11:59 PM that same day. Applications will be processed in the order received at the processor's work station. The Bureau suggests taking this into consideration when delivering applications to Pittsburgh. (As vanity call sign gates open, no grants will occur until all first-day applications have been received, no matter the manner of delivery--Ed.)--FCC

ATLANTIS SET FOR SAREX MISSION

The space shuttle Atlantis is poised for a September 16 launch after being returned to the launch pad following the threat of Hurricane Fran to central Florida. Atlantis had been moved off the pad and into the nearby vehicle assembly building as a precaution, due to the approach of the storm. NASA managers say the launch window opens at about 0854 UTC for mission STS-79, which will carry the Shuttle Amateur Radio EXperiment, or SAREX.

Three hams will be aboard Atlantis for STS-79: Jay Apt, N5QWL, Carl Walz, KC5TIE, and John Blaha, KC5TZQ. Prearranged ham radio contacts are scheduled with schools in Kansas, Ohio, and England, and with family and friends of the crew. The astronauts will also make random contacts with the amateur community as their busy schedules permit.

During the flight, the shuttle will rendezvous and dock with the Russian space station Mir, ferrying supplies, personnel, and scientific equipment to the complex 240 miles above Earth. Blaha will switch places with astronaut Shannon Lucid, who has been aboard Mir since March.

Additional SAREX information can be found on the ARRLWeb SAREX page, http://www.arrl.org/sarex/.

FCC FINES ARIZONA MAN FOR VIOLATING AMATEUR RULES

One of the more egregious cases of malicious interference to Amateur Radio has apparently ended in Arizona, thanks to a determined effort by amateur volunteers and a little intervention from First Lady Hillary Rodham Clinton

and several members of Congress. On August 30, the FCC fined Timothy Harold Hoffman of Phoenix, Arizona, $6000 for willful violations of various Federal laws last spring. But the headaches did not begin then. Lance Halle, KC7FVX, reports Phoenix repeaters have been plagued for approximately four years by "vile, malicious interference" from an individual posing as a ham and expropriating call signs to use on the air. The problems included interference with ham radio nets and phone patches. Halle said the Arizona Repeater Association's local interference committee had tracked down and identified the guilty party two years earlier and notified the FCC, which caught him "singing vulgar lyrics over a swap net" and issued a Notice of Violation, but not fined.

As Halle explained, "That stopped him for a couple of months, but he soon was back, worse than ever" and thumbing his nose at the FCC. The committee kept documenting his activities and began keeping the ARRL in the loop. After a year of "no action," the club began a letter-writing campaign to the Congress and the White House. Last month, Halle got a letter from FCC Compliance and Information Bureau Chief Beverly G. Baker that began, "First Lady Hillary Rodham Clinton has asked me to respond to your inquiry." Halle says he also heard from three members of Congress who also got similar letters from the FCC.

"It seems the system does work, but needs a little help from Congress at times," Halle observed after the FCC issued the $6000 fine to Hoffman. Halle said he hopes future malicious interference cases get more prompt attention as a result of this case.

According to an FCC Further Notice of Apparent Liability, agents from the FCC's Douglas, Arizona, field office using mobile direction-finding equipment last May 14 detected LSB signals on CB channel 36 (27.365 MHz) coming from Hoffman's residence. The transmissions consisted of retransmitted signals from a ham radio repeater on 147.24 MHz, in contravention of federal regulations that prohibit one-way transmissions and transmission of "material to amuse or entertain." The following evening, agents tracked signals on 146.34 MHz, a common 2-meter repeater input frequency, to Hoffman's residence. The operator was using a false Amateur Radio call sign. FCC agents attempted to inspect the radio station, but Hoffman did not allow them to, nor would he confirm or deny the radio operation. However, the FCC says the transmissions stopped after the attempted inspection.

After issuing an Official Notice of Violation to Hoffman in June (which cited five specific violations, including transmitting on ham frequencies without a valid operator or station authorization, and willfully and maliciously interfering with ham radio communications), Hoffman admitted responsibility for the violations. At that point, the FCC notified Hoffman that he faces a $6000 fine.

"The real credit goes to the volunteers of the Amateur Auxiliary, who did the legwork and follow-up to make it happen," said ARRL Field Services Department Manager Rick Palm, K1CE. "They never gave up and are now entitled to bask in the sunshine of this FCC action. Our hats are off to our League

volunteers for a job well done in the face of daunting challenges."

MORE HAM RADIO ON THE SILVER SCREEN!

Ham radio has another movie role on the horizon, in the Warner Bros movie Contact (based on Carl Sagan's 1985 novel of the same name), due out next summer. ARRL HQ staffers have worked with a representative of the movie maker to provide authentic Amateur Radio props. Contact will star Jodie Foster, James Woods and Matthew McConaughey. Foster will play Ellie Arroway, who, as a girl, got her ham ticket along with her father in the late 1960s, then goes on to become a radio astronomer and the first person to decipher a message received on Earth from extraterrestrial intelligent life. Eventually, she's among the team sent into space to explore the message's origin. Robert Zemeckis will direct the film.

ARRL Media Relations Assistant Jennifer Gagne, N1TDY, provided the filmmakers with an ARRL map (thanks to Circulation Manager Deb Jahnke) and other League publications of the 1960s, Executive Vice President David Sumner supplied some vintage QSLs from his own collection, and Educational Activities Department Manager Rosalie White, WA1STO, advised the Warner Bros contact about types of antennas and equipment they'd need to make the movie set realistic. She also sent an appropriate copy of The ARRL Handbook (donated by Mike Tracy, KC1SX) and several late '60s QSTs. ARRL Southwestern Division Director Fried Heyn, WA6WZO, was to assist the film company in obtaining appropriate 1960s-vintage ham equipment. Also, Dave Newkirk, W9VES, contributed a 1971 copy of The ARRL Handbook as well as his historical expertise.

Filming for Contact begins this fall. Ham radio played roles in the current films Independence Day and Phenomenon. League staff members also helped to supply some props used in the latter film.

UNAMSAT-B IN ORBIT

UNAMSAT-B, the first Mexican Amateur Radio satellite, has been launched into orbit from Plesetsk, Russia. The successful launch on September 5, 1996, follows years of postponements and disappointments, including the destruction of UNAMSAT-1. The satellite was built at the Autonomous University of Mexico under the tutelage of David Liberman, XE1TU.

UNAMSAT-B functions as a 1200-baud store-and-forward packet file server similar to OSCARs 16 and 19.

Uplinks: 145.815, 145.835, 145.855 and 145.875 MHz; downlink: 437.206 MHz.

In addition to its packet capability, UNAMSAT carries a meteor experiment. The satellite will transmit pulses on 40.997 MHz to detect the presence of meteors entering Earth's atmosphere. By analyzing the data files, which will be made available on the server, hams can get a glimpse of meteor activity over various parts of the globe at specific times.

Reports indicate the satellite is sending strong signals back to Earth. AMSAT says a first look at telemetry from UNAMSAT indicates all is working

well aboard the satellite.

Congratulations to the UNAMSAT team at the National Autonomous University of Mexico! For more information, see their Web page at http://serpiente.dgsca.unam.mx/unamsat/unameng.htm.

FOUNDATION FOR AMATEUR RADIO 1996 SCHOLARSHIP WINNERS

Our congratulations and best wishes to these Foundation for Amateur Radio 1996 scholarship winners:

John W. Gore Memorial Scholarship ($1250): Tony Drake, KC4OBY, Bradenton, Florida

Edwin S. Van Deusen Memorial Scholarship ($1250): Jason W. Nelson, N8XEF, Maysville, West Virginia

QCWA Memorial Scholarships: Max Jacobson-John Kelleher Family Scholarship ($1100), Ethan Handwerker, N1SOH, Lexington, Massachusetts; QCWA Memorial Scholarships ($700): Jeffrey Gallant, N2HNY, Monsey, New York; QCWA Leo Meyerson Family Living Scholarship; Adam P. Lekach, N2VEG, Oakhurst, New Jersey, Ralph Hasslinger Charter Member Memorial Scholarship; Terrell R. Clark, KB0JHU, Hopkins, Minnesota; Nathan P. Jeffries, KI7QT, Spokane, Washington; LeAnn S. Kessler, N9ZYJ, Anna, Illinois; Anthony L. Long, KC6QHP, San Diego, California; Joanne C. Peca, N3JFB, Williamsburg, Pennsylvania; April D. Rodgers, N3PPU, Butler, Pennsylvania; James Sikorski, N3PBH, Wapwallopen, Pennsylvania; John M. Steenis, KI7LX, Phoenix, Arizona; Seth A. Strayer, N8YOH, Bellevue, Ohio; David Swaney, N3KCS, Mifflinburg, Pennsylvania; Sarah A. Tobin, N0KGY, Jamestown, North Dakota.

Radio Club of America Scholarships ($750): from the Grant-in-Aid Fund, Grant P. Kesselring, N0ICI, Ottumwa, Iowa; from the Poppele Fund, Zachary D. Sadecki, KB7FUV, Ashton, Idaho; Scott A. Zastoupil, KB0KFX, Williston, North Dakota; from the Grebe Fund, Kenneth N. Warren, AD4OS, West Lafayette, Indiana.

Richard G. Chichester Memorial Scholarship ($1000), sponsored by Patricia and Jack (W9AMF) Chichester: Roland A. Flores, AB5KG, San Antonio, Texas.

Young Ladies' Radio Relay League Scholarship ($1200): Patricia L. Pelczar, KA1TPM, Rocky Hill, Connecticut.

Columbia Amateur Radio Association Scholarship ($1000): Amy Chadwick, KA3TMI, Kensington, Maryland.

Baltimore Amateur Radio Club Scholarships ($1000): Edward J. Calhoon, N3GJI, Arnold, Maryland; Andrew M. Leeds, N3MCB, Finksburg, Maryland; Nicholas P. Schaub, KE3HV, Baltimore, Maryland; Franklin L. Wright, N3OQB, Silver Spring, Maryland; Paige E. Forrest, KE3UB, Baltimore, Maryland (Ernie Dobos Memorial Scholarship).

Ralph V. "Andy" Anderson, K0NL, Memorial Scholarship ($1000): Suzanne L. Chimel, KC3GG, Clark's Summit, Pennsylvania.

Dade Radio Club Tropical Hamboree Scholarships ($1000): Matthew D. Shannon, KF4AKL, Melbourne, Florida; Chris B. Wilson, KD4RHJ, Gainesville, Florida.

Rose Ellen Bills Memorial Scholarship ($2000): Taras B. Zima, KD6VWQ, Reno, Nevada.

Victor C. Clark, W4KFC, Memorial Scholarship ($1000), sponsored by the Vienna Wireless Society: Lawrence Baugh, AD4FX, Stafford, Virginia.

Frederick Amateur Radio Club Scholarship ($1000): Mark W. Lazzaro, N3BVW, Mt Airy, Maryland.

10-10 International Net Scholarships ($1000): David A. Case, KA1NCN, Hampton, Connecticut; Joanna Gallant, KB2EJP, Monsey, New York; Jason Handwerker, N1UEQ, Lexington, Massachusetts.

Free State Amateur Radio Scholarship ($1000): Dana L. Eshelman, WS3L, Ft Washington, Maryland.

WARAC Memorial Scholarships ($1000), sponsored by the West Allis Radio Amateur Club: Christopher D. Molek, KB9GTK, Richland Center, Wisconsin; Karl J. Mueller, N9NFQ, West Allis, Wisconsin; Amy L. Tlachac, N9TLN, Wisconsin Rapids, Wisconsin.

Kevin Barry Perdue Memorial Scholarship ($1000), sponsored by Kay (WT3P) and Carter (KD3AO) Craigie: Michelle G. Pettus, KC4FBE, Lineville, Alabama.

South Milwaukee Amateur Radio Club Scholarships ($500): Brian J. Brechlin, KB9JFP, Waukesha, Wisconsin; Michael D. Kaun, N9RNC, Menomonie, Wisconsin; Raymond G. Meyer, N9PBY, Port Washington, Wisconsin; Steven D. Miller, KB9DFE, Spooner, Wisconsin.

Nanticoke Amateur Radio Club Scholarship ($1000): Darla L. Dilks, KB2LJX, Culpeper, Virginia.

Murgas Amateur Radio Club Scholarship ($500): Shawna M. Lutton, KB3AOG, Ridgway, Pennsylvania.

Virginia Beach Hamfest Scholarships ($750): Victoria L. Crawford, N4XDR, Virginia Beach, Virginia; Matthew P. Ipock, KM4WZ, Chesapeake, Virginia; Christopher Schaab, KD4NFW, Virginia Beach, Virginia.

Martin County ARA Scholarship ($1000): Wendy Joy Silverman, KC4ZQW, Spring Hill, Florida.

Redington-Grenfell Memorial Scholarship ($500): John M. R. Rask, KJ5LM, Taylor Lake Village, Texas.

Baltimore Radio Amateur TV Society Scholarship ($1000): Shaun E. Lewy, N3SWB, Randallstown, Maryland.

Beatrice Chapman, K1OKC, Family Memorial Scholarship ($500), sponsored by the Augusta Amateur Radio Association: Donald G. Trask, N1TZR, Augusta, Maine.

Robert E. True Memorial Scholarship ($1000), sponsored by Mrs Shirley True Banning: Aaron D. Hohenbrink, AA8MH, Hamler, Ohio.

In Brief:

* Director Vydareny resigns: ARRL Hudson Division Director Paul Vydareny, WB2VUK, has resigned, effective September 5, 1996. Vydareny cited job and church obligations as preventing him from doing what he considers a proper job of fulfilling his duties as director. Under the provisions of Article 7, Vice Director Richard Sandell, WK6R, of Scarsdale, New York, becomes director for the remainder of the term, which expires January 1, 1997. Sandell, 58, was appointed vice director of the Hudson Division last April to fill the seat left vacant when Stephen Mendelsohn, WA2DHF, was elected first vice president and Vydareny--then Hudson Division vice director and Eastern New York section manager--succeeded Mendelsohn as division director. Sandell is an ARRL life member and a past Hudson Division assistant director. He is president and CEO of Aura Technology Corporation. His wife, Phyllis, is KD2OG. The couple's three daughters, Alyssa, Karyn and Sylvie, also hold ham tickets.

* Balloon launch: New Augusta Public Academy in Indiana will launch a balloon carrying ham radio FM, packet and ATV equipment on September 21. The package will include a crossband repeater, as well as GPS packet and ATV. The balloon is expected to reach an altitude of 100,000 feet; the flight--a "satellite simulation," according to its sponsors--will last up to three hours. The launch window is set for 1200-1300 UTC. The launch site is five miles northwest of Indianapolis. Pre-launch nets on 3870 kHz and 146.97/repeater start at 1130 UTC on launch day. For details, contact Chuck Crist, e-mail mai@iquest.net; tel 317-787-6674, or set your browser to http://klingon.cs.iupui.edu/~pacer/new_augusta/windtrax.html on the World Wide Web.

* National Amateur Radio Exam Days: Many clubs will offer ham radio exams on September 28 and 29 this year. If your club would like to participate, contact Media Relations Assistant Jennifer Gagne, N1TDY, e-mail jgagne@arrl.org or call 860-594-0328.

* Goldwater suffers stroke: Former US Senator Barry M Goldwater, K7UGA, of Scottsdale, Arizona, was undergoing tests in a Phoenix hospital this past week after suffering a stroke. A spokesman said Goldwater, 87, suffered a minor stroke September 9. Family members said he was "resting comfortably." Goldwater, author of the book "Conscience of a Conservative," ran for President against Democrat Lyndon Johnson in 1964.

* K1AR leaves CQ: John Dorr, K1AR, has stepped down as general manager of CQ magazine. On September 16, he joins Cerulean Technology, Marlboro, Massachusetts, as product marketing director for the company, owned by Ken Wolff, K1EA. Dorr had been with CQ for four years. He will continue to edit the magazine's Contest Calendar.

* New Hong Kong ham radio prefixes: Hams in Hong Kong will be allowed to use several prefixes to commemorate the transfer of sovereignty over the

territory from the United Kingdom to the People's Republic of China on July 1, 1997. At the request of the Hong Kong Amateur Radio Transmitting Society (HARTS), Hong Kong amateurs will be allowed to change the numeral in their call sign to 96 during 1996, to 97 during 1997, and to 98 during 1998. Amateurs began to use these new prefixes on September 10, 1996, starting with a contact between VS96BG and VR96GO. HARTS will announce later the details of a new award to be offered to amateurs for contacting stations using these special prefixes. All Hong Kong amateurs have held licenses with call signs using the prefix VR2 for several years now, although those previously holding VS6 calls are allowed to continue to use the VS prefix before July 1, 1997. The VRA-VRZ block allocated by the ITU to the UK will be transferred to the PRC at that time. The only other use of that block by amateurs at present is in Pitcairn Island, where VR6 calls are still in use. For more information, contact HARTS President Brett Graham, VR96BG, at vr2bg@harts.org.hk.--Brett Graham, VR96BG

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The ARRL Letter is published by the American Radio Relay League, 225 Main St, Newington, CT 06111; tel 860-594-0200; fax 860-594-0259. Rodney J. Stafford, KB6ZV, President; David Sumner, K1ZZ, Executive Vice President.

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Visit the ARRLWeb page at http://www.arrl.org.

The purpose of The ARRL Letter is to provide the essential news of interest to active, organizationally minded radio amateurs faster than it can be disseminated by our official journal, QST. We strive to be fast, accurate and readable in our reporting.

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2980. Re: ARRL and the little LEO grab

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: Grover Cleveland <groverc@shasta.gvg.tek.com>
Message-ID: <3239AD7C.5543@shasta.gvg.tek.com>
Source record: 216984
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

> Just remember we're dealing with people whose sense of right and
> wrong has been replaced by profit and loss.

> 73..Jim N2VNO

That's good. That's really good! Sums it all up - thanks; I'll keep that one.

73

Grover

2981. WTB: Schematic for Microwave Modules MMT 144/28 transverter.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: "James R. Chastain" <chastain@compunet.net>
Message-ID: <01bba1a7$6301e6e0$c2479fcf@ns.compunet.net>
Source record: 216985
Cross-posted to: alt.ham-radio.atv,alt.ham-radio.eme,alt.ham-radio.exotic-modes,alt.ham-radio.fm,rec.radio.amateur,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.swap,sci.electronics.misc,tnn.radi

Hi,
I am looking for a schematic/service manual for a Microwave
modules MMT 144/28 transverter. I recently had to sell my
primary VHF/UHF allmode and need to repair the xverter
to get back on. I would be happy to pay for reproduction
and shipping costs. Please E-mail chastain@compunet.net

Thanks, Rod. (KD0XX)

2982. Re: Do we build? was(Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: Garrie Jantzen <garriej@marshfield.coosbay.k12.or.us>
Message-ID: <51cav3$5vu@news.coos.or.us>
Source record: 216986
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew

As long as CW is *allowed* (!) won't there always be other folks like yourself -- interested in homebrew CW? I mean, people spend beaucoup bucks to fly in balloons still! And ticket prices on steam railroads keep going up. There will always be an England and, whatever the FCC decides, I think there will always be CW

2983. QRZ callsign database -- county error

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: rohrwerk@pconline.com
Message-ID: <rohrwerk-1309961332030001@tsa-p8.pconline.com>
Source record: 216987

I just got a lead that my county listing in the QRZ callsign database was incorrect, so I went and checked it, and sure enough it was one county off.

They say that you can't change any info except your e-mail address without refiling a form 610, because their info is based on the FCC database. Well, that doesn't sound right, 1) because I'm sure I would have put it on my form correctly, and 2) the FCC database, as viewed on the U. Ark. Little Rock web site, doesn't contain county information. I conclude that they are using some other service to deduce counties and lat/long from zip codes or something, and that the error was here.

I wrote them, of course, but wanted to alert folks who may be concerned.

I checked the Buckmaster database in addition, and it was correct there -- they even added grid square location. They had a complete form to fill out to correct ANY information field.

Any correlating experience?

John Seboldt K0JD
rohrwerk@pconline.com

2984. HELP!!!! Alinco DJ-191E

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: Lars Inge Nilsen <larsin@namdalsnett.no>
Message-ID: <01bba1a8$d3fef620$5226c6c2@Namdalsnett>
Source record: 216988
Cross-posted to:
alt.radio.pirate,alt.radio.scanner,alt.radio.scanner.uk,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner

Please ......help me.......

Need a mod for my Alinco DJ-191E or keypad operations for opening it for
extended RX.....

Please E-mail: larsin@namdalsnett.no if you have the answer:-)

2985. Need GE MPI sprk/mic scamatic

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: Bart Mabry <bwm653s@nic.smsu.edu>
Message-ID: <3239B581.BAB@nic.smsu.edu>
Source record: 216989

I am looking for the diagram for a GE MPI speaker mic or any imformation
on them. Thanks
--

****
Bart Mabry KB0MJI
E-Mail: bwm653s@nic.smsu.edu
Phone: (417) 837-3004
Springfield, MO 65807-1540
1001 E. Harrison
Room#718B
****

2986. Re: The final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: little@pecan.enet.dec.com
Message-ID: <51cgr8$okk@usenet.pa.dec.com>
Source record: 216990
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <51aa5c$5a2@nuhou.aloha.net>
jdelrae@aloha.net (Jeff DelRae) wrote:

> Hafa Adai to you too, Mr Kehler....from someone who know it's true meaning

From a quick scan of the web with AltaVista, it appears to be from the
Chamorro language spoken on Guam and means roughly "hello".

73,
Todd
N9MWB

2987. ARLP038 Propagation de KT7H

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: w1aw@arrl.org
Message-ID: <$arlp038.1996@arrl.org>
Source record: 216991
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

```
SB PROP @ ARL $ARLP038
ARLP038 Propagation de KT7H

ZCZC AP58
QST de W1AW
Propagation Forecast Bulletin 38 ARLP038
From Tad Cook, KT7H
Seattle, WA September 13, 1996
To all radio amateurs

SB PROP ARL ARLP038
ARLP038 Propagation de KT7H

Solar activity was down last week, with the sunspot numbers below
the 90 day average of 71 on every day. Solar flux was down an
average of over 4 and sunspot numbers down an average of 11
compared to the week previous. September 10 was a disturbed day,
with an A index of 25 and the K index as high as 5 over several
periods.

Look for solar flux to peak around the mid-seventies from September
23 to 25. Disturbed or stormy conditions are forecast around
September 26. Current unsettled geomagnetic conditions are
expected to quiet down from September 14 to 20.

Sunspot Numbers for September 5 through 11 were 0, 0, 15, 15, 0, 0
and 0, with a mean of 4.3. 10.7 cm flux was 70.3, 69.7, 69.5,
68.2, 67.9, 68, and 67.6, with a mean of 68.7.
NNNN
/EX
```

2988. Email Communications with merchant vessels

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: Rob J Lee <rob@kaytee.demon.co.uk>
Message-ID: <nv2BhAAoTVOyEw3+@kaytee.demon.co.uk>
Source record: 216992

Does anyone know how to send email to maerchant ships using either SAT C
or IMMARSAT? Email pls
--
Rob J Lee

2989. F.S. HOKA CODE 3

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: sfritts@usit.net
Message-ID: <51ck6r$52g@news.usit.net>
Source record: 216993
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,
rec.radio.shortwave,rec.radio.swap

For Sale:
HOKA CODE 3 Decoder unit. The ULTIMATE decoder! This one gets it all
on HF! With ALL options. Mint condition with org. box, manuals,
software, Klingf. books.

450.00 or Best Offer
Need to sell this quick!

Email me as I do not check in too often

Steve sfritts@usit.net
423-525-0801

2990. Re: Hams under stress

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <51cp13$tce@usenetw1.news.prodigy.com>
Source record: 216994

Burt Fisher <k1oik@ccsnet.com> wrote:
>
>Here is the list of stressors, along with their relative weights, from
Drs.
>Thomas H. Holmes and Richard H. Rahe, psychiatrists at the University
of
>Washington Medical School. K1OIK made certain additions:
>
>Event Relative Rating
>Talk to an attractive female direct 200
>Talk to a female on the air 103
>Forced to sell rig 102
>Theft of rig 101
>Death of spouse 100
>Ham takes a bath or shower 100

You forgot one, Burt...

Worrying about the possibility that the FCC might eliminate the hazing ritual known as "Morse code testing" as a condition of obtaining an amateur radio license with privileges below 30Mhz.

Relative rating 00000-99999

(The rating increases in direct proportion to the amount of "YE OLDE FAHRTZ" attitude and behavior that is displayed by the subject in question)

-Drew in Sunny Central Florida-
KF4DDM

2991. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: rsbaker@dove.mtx.net.au
Message-ID: <51cs31$ah@curlew.mtx.net.au>
Source record: 216995
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In <507sld$719@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net (Jim Kehler) writes:
>[...]
>Gee, Chris, all this time I thought this was AMATEUR radio. Sure glad we got
>these PRO's to help us out. I guess I better not tell them I am using a ten
>year old radio on 9600 baud packet, I might get reamed too.
>
>73, Jim KH2D

The fact is, Jim, that your ten year old radio is likely to be a whole lot better
for 9600bd than most new "9600bd ready" radios.

Rod.

2992. Minimize chip Count (PAL/GAL Programming SVC)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: dthimm@unix.newnorth.net
Message-ID: <51a4ha$ahe@unix.newnorth.net>
Source record: 216996

NOW YOU CAN HAVE THEM TOO!

Discrete TTL/CMOS technology is old fashioned and cost you lots in terms of space and power.

The software and equipment needed to program your own PAL/GAL chips can cost in the thousands.

PAL/GAL technology can reduce chip count up to 90% and in many cases are faster than TTL/CMOS technology.

This saves you time, money and board space.

If you can describe it and it can be programmed, We can program it.

Custom logic chips are a lot cheaper than you think.

We specialize in providing quality fast turnaround to individuals, students, hobbiests, companys -- whatever the situation.

E-MAIL US TODAY

SHAPE SYSTEMS
dthimm@unix.newnorth.net

2993. Re: PLL Radio for 9600 baud packet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: Chris Nicholson <csnichol@mail.delcoelect.com>
Message-ID: <32395F9D.3D89@mail.delcoelect.com>
Source record: 216997
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

rsbaker@dove.mtx.net.au wrote:
>
> In <507sld$719@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net (Jim Kehler) writes:
> >[...]
> >Gee, Chris, all this time I thought this was AMATEUR radio. Sure glad we got
> >these PRO's to help us out. I guess I better not tell them I am using a ten
> >year old radio on 9600 baud packet, I might get reamed too.
> >
> >73, Jim KH2D
>
> The fact is, Jim, that your ten year old radio is likely to be a whole lot better
> for 9600bd than most new "9600bd ready" radios.
>
> Rod. Our 9600 baud backbone here in Indiana is comprised of about 10
to 15 nodes operating at any given time. It extends from Indianapolis
to Grand Rapids Mi. All using RCA 1000 UHF radios About 30 Years old.
Dependable and cheap. Chris N9LLO

2994. Worked All Britain Awards

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: Steve G Bryan <Steve@awards.demon.co.uk>
Message-ID: <fJF1TFAlWYOyEwDW@awards.demon.co.uk>
Source record: 216998

The highly popular awards group of Great Britain (WAB) can now be
reached by E-Mail. If you would like any information about this Awards
Group please E-Mail to:- wab@awards.demon.co.uk
Newsletters are available on a quarterly basis and these can be obtain
from Steve G0SGB. For further details on any WAB matter including
membership, awards available, etc etc just E-Mail away!.
Good Wishes to all existing members.
Vy 73 Steve
--
Steve G Bryan

2995. IPS Daily Report - 13 September 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <51cpre$mrb@flare.syd.ips.oz.au>
Source record: 216999
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 13/2330Z SEPTEMBER 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE AUSTRALIAN SPACE FORECAST CENTRE
SUMMARY FOR 13 SEPTEMBER AND FORECAST FOR 14 SEPTEMBER - 16 SEPTEMBER

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 67/0

GOES satellite data for 12 Sep
Daily Proton Fluence >1 MeV: 4.1E+06
Daily Proton Fluence >10 MeV: 1.6E+04
Daily Electron Fluence >2 MeV: 3.8E+08 (moderate)
X-ray background: A1.0
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
14 Sep 15 Sep 16 Sep
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 14 Sep: 68/2

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Quiet to unsettled

Estimated Indices : A K Observed A Index 12 Sep
Learmonth 11 3223 2233
Fredericksburg 14 25
Planetary 13 21

Observed Kp for 12 Sep: 4443 3323

2B. MAGNETIC FORECAST
Date Ap Conditions
14 Sep 8 Quiet to unsettled
15 Sep 5 Quiet
16 Sep 5 Quiet

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band

Date Low Middle High
13 Sep Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
14 Sep Normal Normal Normal
15 Sep Normal Normal Normal
16 Sep Normal Normal Normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
13 Sep 2

Observed Australian Regional MUFs:
Darwin: 15-30% depressed for the period 0700-1400UT,
otherwise near predicted monthly values.
Townsville: Near predicted monthly values.
Sydney: Near predicted monthly values.
Hobart: Near predicted monthly values.

Predicted Monthly T index for September: 9

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
14 Sep 5 near predicted monthly values
15 Sep 7 near predicted monthly values
16 Sep 7 near predicted monthly values
--
IPS Radio and Space Services | email: asfc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/asfc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
tel: +61 2 94148300 | fax: +61 2 94148331

2996. ****QUICK AND EASY CASH****

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: elrata@dtdsi.com
Message-ID: <5cc_9609131456@dtdsi.com>
Source record: 217000

* Copied from: ALT.ROCK-N-ROLL.METAL
Subject: ****QUICK AND EASY CASH****

I was scanning thru a NEWSGROUP and saw an article stating to GET CASH FAST!! I thought..."Here on the Internet?? Well, I'll just have to see what schemes could possibly be on the internet." The article described a way to MAIL A ONE DOLLAR BILL TO ONLY FIVE PEOPLE AND MAKE $50,000 IN CASH WITHIN 4 WEEKS! Well, the more I thought about it, the more I became very curious. Why? Because of the way it worked AND BECAUSE IT WOULD ONLY COST ME FIVE DOLLARS (AND FIVE STAMPS), THAT'S ALL I EVER PAY....EVER!!

Ok, so the $50,000 in cash was maybe an tough amount to reach, but it was possible. I knew that I could at least get a return of $1,000 or so. So I did it!! As per the instructions in the article, I mailed out ('snail mail' for you e-mail fanatics) a single dollar bill to each of the five people on the list that was contained in the article. I included a small note, with the dollar, that stated "Please Add Me To Your List." I then removed the first position name of the five names listed and moved everyone up one position, and I put my name in position five of the list. This is how the money starts rolling in! I then took this revised article now with my name on the list and REPOSTED IT ON AS MANY NEWSGROUPS AND LOCAL BULLETIN BOARD MESSAGE AREAS THAT I KNEW. I then waited to watch the money come in...prepared to maybe receive about $1000 to $1500 in cash or so.... But what a welcome surprise when those envelopes kept coming in!!! I knew what they were as soon as I saw the return addresses from people all over the world-Most from the U.S., but some from Canada, even some from Australia! I tell you, THAT WAS EXCITING!! So how much did I get in total return? $1000? $5000? Not even!!! I received a total of $23,343!!! I couldn't believe it!!

I now have a brand new black Acura Integra to speak for, due to this!! Now after almost 8 months, I am ready to do it again!!! So maybe it was possible to get $50,000 in cash, I don't know, but IT COMPLETELY DEPENDS ON YOU, THE INDIVIDUAL! You must follow through and repost this article everywhere you can think of! The more postings you achieve will determine how much cash will arrive in your very own mailbox!! It's just too easy to pass up!!!

Let's review the reasons why you should do this: The only cost factors are for the five stamps, the 5 envelopes and the 5 one dollar bills that you send out to the listed names by snail mail (US Postal Service Mail). Then just simply repost the article (WITH YOUR NAME ADDED) to all the newsgroups you can. Then sit back

and, (ironically), enjoy walking (you can run if you like! :o) down your driveway to your mailbox and scoop up your rewards!! We all have five dollars to put into such an easy effortless investment with SPECTACULAR REALISTIC RETURNS OF $15,000 to $25,000 in about 3-5 weeks! So HOLD OFF ON THOSE LOTTERY NUMBERS FOR TODAY,EAT AT HOME TONIGHT INSTEAD OF TAKEOUT FROM McDONALDS AND INVEST FIVE DOLLARS IN THIS AMAZING MONEY MAKING SYSTEM NOW!!! YOU CAN'T LOSE!!

So how do you do it exactly, you ask? I have carefully provided the mostdetailed, yet straightforward instructions on how to easily get this underway and get your cash on its way. SO, ARE YOU READY TO MAKE SOME CASH!!!?? HERE WE GO!!!

OK, Read this carefully. Get a printout of this information, if you like, so you can easily refer to it as often as needed.

STEP 1. Write your name and address on 5 separate pieces of paper with the words "PLEASE ADD ME TO YOUR MAILING LIST". For a neat little twist, also write what slot their name was in: "You were in slot 3", Just to add a little fun! This is all about having fun and making money at the same time! Fold a $1 note or money order or bank draft in each of the pieces of paper and mail them to the following five addresses:

```
**********************************************************
* 1. Michael W. Graham
* 7342 146th St. SW Apt. C
* Tacoma, WA 98439
*
* 2. Dave Alexus
* 918 Sunridge Dr.
* Sarasota, FL 34234
*
* 3. Greg Farries
* 119 Mount Crandell Crescent West
* Lethbridge, Alberta
* Canada T1K 6L7
*
* 4. John Wise
* 2130 Cameron Cir.
* Birmingham, AL 35242-6411
*
* 5. Alejandro Pelaez
* Rafaela 5171 Dto. B
* (1407) - Capital Federal
* Argentina
**********************************************************************
```

STEP 2. Now remove the 1st name on the list, move the other 4 names up (5 becomes 4, 4 becomes 3 etc) and put your name and address as number 5 on the list. You can do this by re-typing this article or simply editing and re-posting it in this or another newsgroup.

STEP 3. Post your amended article to at least 200 new groups (there are 17 000 of them).

You are now in the Mail Order Investment Business and you will start receiving $1 returns by mail within a week or two. The more newsgroups you post to, the bigger your return will be.

HOW THE SYSTEM WORKS

Of every 200 postings I made, I received an average of 5 replies, YES - ONLY 5, each with a $1 bill enclosed. You make $5 for every 200 postings WITH YOUR NAME AT NUMBER 5.

Each person who sent you $1, now also makes let's say, only 200 additional postings WITH YOUR NAME AT NUMBER 4, i.e. 1000 postings. On average therefore, 25 people will send you $1 with your name at number 4. You make $25.

Your 25 new agents make 200 posting each WITH YOUR NAME AT NUMBER 3 or 5 000 postings - average return 125 at $1 each is $125. They make 200 postings each WITH YOUR NAME AT NUMBER 2 = 25 000 postings = 625 returns at $1 each = $625.

Finally, 625 people make 200 postings each WITH YOUR NAME AT NUMBER 1 and you get a return of $3125 (for every 200 postings) before you name drops off the list. Total income in one cycle = $3905. AND THAT'S IF EVERYONE DOWN THE LINE ONLY MAKES 200 POSTINGS!

From time to time, when your name is no longer on the list, you take the latest posting that is appearing in the newsgroups, SEND OUT ANOTHER $5 TO THE NAMES THAT ARE ON THE LIST, PUT YOUR NAME IN AT NUMBER 5 AND START POSTING AGAIN. Remember, 200 postings is only a guideline. The more you post, the greater the return.

Let's review the reasons why you should do this

THE ONLY COST FACTORS ARE

5 STAMPS
5 ENVELOPES
5 $1 BILLS

Anyone can afford five dollars to put into such an effortless investment with SPECTACULAR RETURNS.

Some people have said to me "What happens if the scheme is 'played out' and no one sends me any money"? Big deal! So you lose $5 - but what are the chances of that happening?

Do you realise how many Internet Users there are? Do you realise how many times this scheme can be utilised over and over again - with COMPLETELY NEW people participating?

Remember, read the instructions carefully and play FAIRLY...that's the only way this will work. Get a printout so you can refer back to this article easily.

Try to keep a list of everyone that sends you money and always keep
an eye on the newsgroup postings to make sure everyone is playing
fairly. You know where your name should be.

REMEMBER - HONESTY IS THE BEST POLICY.

ENJOY!

--
|Fidonet: Alejandro Pelaez 4:900/309.9
|Internet: elrata@dtdsi.com
|Don Tequendama, Capital Federal, ARGENTINA (+54-1-821-5855) las 24 horas.

2997. Re: Ham Radio as an *ENJOYABLE* Hobby

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: w.bell@psyc.canterbury.ac.nz
Message-ID: <51a9n3$bs7@cantuc.csc.canterbury.ac.nz>
Source record: 217049
Cross-posted to: rec.radio.amateur.digital,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.dx,rec.radio.amateur.policy,rec.ham-radio.swap,rec.ham-radio.packet

In article dick@merlin.libelle.com says...
>mpenner@cloud9.net wrote:
>> The primary goal of the group will be to
fill an existing void by
>> providing an enjoyable forum for the
discussion of technical, operating
>> and social topics of interest to radio
amateurs.
>
Yes, This is a more positive role for HF
people. The HF bands will soon be recovering
from the Southern winter so those signals
from the antipodies will be coming through.
Take a look for the home-stations, mobiles.
During the third weekend of October is JOTA,
where amateur radio combines with the
scouting troops and camps, so another
opportunity for some pleasant operations,
with the Worlds Youth - in scouting.
On one occassion I QSO'ed to Tatum Park,
near Mancester, UK. during the period. 73
Winton at ZL3AO.

2998. Re: The final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: jdelrae@aloha.net
Message-ID: <51aa5c$5a2@nuhou.aloha.net>
Source record: 217050
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Jim Kehler (pacrimgolf@kuentos.guam.net) wrote:
: little@pecan.enet.dec.com (Todd Little) wrote:
:
: >In article <5167ok$1qa@lehi.kuentos.guam.net>
: >pacrimgolf@kuentos.guam.net (Jim Kehler) wrote:
:
-> lots of wibble cut off <-
: Again, go find somebody else to argue with, Toddsky. If I wanted to discuss
: anything with YOU, I would respond to the posting that YOU write.......
:
: Absence of the above mentioned responses should tell you something, but
: apparantly it doesn't.
:
: Hafa Adai,
: Jim KH2D

I have found Mr Kehler's comments rather amusing in the past, his tart remarks even creative at times but I see the signs of Island life wearing away on this mainlander.

Guam attracts two type of mainlanders...the entrepreneur and the social misfit. Since Mr Kehler chooses not to publish his phone number in the Guam Telephone directory (nor do his ham friends who share the same PO box) or list PacRim Golf Accessories in the yellow pages....the answer becomes more evident. Mostlikely, Mr Kehler uses his "skills" to wrench dollars from Asian tourists, a captive audience to be sure. Let's hope these tourists don't use Mr Kehler as a model for all Americans.

Since he's of the Vietnam era, maybe it was his military service in Nam that brings him to this place.....but alas, his name doesn't appear to be with those who fought in that awful war.

We'll be sending Mr Kehler back to the mainland soon..... Jeff Evan's nightly influence, load shedding and Island life wear on him to the point that he'll join his comrades's in Montana soon.

Hafa Adai to you too, Mr Kehler....from someone who know it's true meaning

Jeff

2999. Re: Who actually ENJOYS CW and could care less abo

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: Gareth Crispell <stranger@ccsnet.com>
Message-ID: <51ablc$eoo@dublin.bitwise.net>
Source record: 217051

>
>Merely using CW does not make one a "CW olde farte" ... one must insist
>that it's the only mode worthy of a test and vigorously jam it down the
>throats of everyone else whether or not they care to partake in order to
>join the "Loyal Order of CW Olde Fartz" ...
>
>Carl - wa6vse
>carl@ais.net
>
>

I must be missing something!? What in God's name is this "Loyal Order of
CW Olde Fartz"???? Is it one of the countless DX nets that spring eternal
on 20???

Well..... Try homebrewing a wee CW QRP rig (easy) and working Europe
on 3 watts when the cycle comes back to 28.mhz. You will know a wonderful
feeling of accomplishment.

Peace to All!

N1MSV
--

|

| /

\ |

\ | /
\ | /
\ | /
\ |
\ |
----------------- *

/|\
....at the dawn of the New Age of Man, / | \
they will abide with us. / | \
Their glory and fire will burn like / | \
sparks among the stubble! / | \
| \
Gareth
/ | \
| \

3000. atomic clock software?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: wf3h@enter.net
Message-ID: <51af00$jnf@news.enter.net>
Source record: 217052

there is a program around to allow your computer to call the USNO and automatically set the computer's clock. Unfortunately, it's written for the pentium processor...not for a 486. Anybody know where such a program can be downloaded? tnx much

3001. great circle plot software

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-13 00:00:00 UTC
From: wf3h@enter.net
Message-ID: <51af29$jnf@news.enter.net>
Source record: 217053

I have a GCP program but the driver is an antique...works only with dot matrix printers. anybody know where I can download a copy of a great circle program with driver for inkjet? tnx much.

3002. Re: BULLETIN: 14 Year Old Sailor Not Heard in 3 Weeks

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: cgreenha@magnus.acs.ohio-state.edu
Message-ID: <cgreenha.499.323B0472@magnus.acs.ohio-state.edu>
Source record: 216805

In article <51efhs$dq5@sjx-ixn6.ix.netcom.com> kc5egg@ix.netcom.com(Gerald Schmitt)
writes:
You sir are an embarassment to the hobby.

Is this a joke?

Christopher K. Greenhalgh, N8WCT
Computer/Electronic Tech. II at The Ohio State University
E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

3003. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep14.181141.19238@ke4zv.atl.ga.us>
Source record: 216806
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <5181co$eu5@news.ais.net> carl@ais.net writes:
>In <515dh1$i6n@hil-news-svc-4.compuserve.com>, 73700.12@compuserve.com (Jim Nuytens) writes:
>>While I don't like CW and don't see it as anything I'm likely to pursue, the
>>plain fact is that to have anyone believe that the reason we don't have viable
>>high-speed packet links is because of CW, is going WAY out on the proverbial
>>limb.
>
>I'm saying that we'd be further along if we had not driven hordes of
>technically skilled/computer-savy folks away with the code requirement.

Years ago that was correct. When packet was enjoying its first burst of activity, there was not yet a code test free license and it was harder to create a critical mass. That's not as true at VHF+ now where we do have a code test free license, but now we have to fight an established inertia toward the slower methods. That's a problem, but we're dealing with it, and it would have existed to some extent even if Morse testing had never been an issue.

The Morse requirement is still a problem at HF, but restrictive rules are a bigger problem there. The rules were shaped around RTTY, plain text, and plain FSK. They express a narrower is better bias. As people who've studied communications theory know, narrow is not always better. There are situations where it is better, and other situations where it is not. Many of the modern techniques fall in the latter category.

HF in general is plagued by too many restrictive sub-bands. This is hindering fuller exploitation of the resource. As Phil Karn has noted, use of SS technique on HF would have very large benefits toward more effective utilization of the resource. And of course systems like Piccolo and the NATO STANG modem require a larger bandwidth in which to operate than is permitted, yet they use the bandwidth more efficiently than most current narrow techniques so the net effect is that congestion should actually decrease. Narrow technique is not necessarily always inferior, however. There are cases where narrow is best. We should retain the flexibility to go either way as the situation warrants.

>>I'll tell you why packet has stagnated. It's because hams (in general) reflect
>>the apathy and laziness of the general population. Couple that with the (until
>>recently) high costs of those links and you get no forward progress. Everybody
>>agrees (in theory) that we need the network to be there, but nobody wants to
>>PAY for it. Try and ask hams for finances to pay for the radios, TNCs, and
>>computers to run these systems and see how far you get. They'll cough up money
>>for voice repeaters, but not digital ones.

>>
>
>The "radios, TNCs, and computers" part is a BIG part of the problem.
>The (computer+TNC+radio) model is backward, limiting, and expensive.
>
>Try (computer+RF_modem) ... problem is all the appliance operators can
>think of is (radio+TNC+computer)=(big_bucks_4_1200/9600SLOW))
>
>New blood and new ideas are what are needed to leap forward ...

There's a good bit of truth to this. This obsolete paradigm is
a costly hinderance. I constantly see people tying up as much
money in a 1200 baud station as it would cost to run 56 kb.
This is ridiculous. It is an educational problem, however. The
task is to show people the better way and explain the benefits.

>>Besides, you can't get more than 2 hams to agree on anything. I remember a few
>>years ago when they (BBS ops, node ops, etc.) tried to get together to form a
>>comprehensive plan for a network here in DE. By the time the "meeting" broke
>>up, there were threats of bodily harm being flung about because these jack-
>>asses couldn't park their egos at the door and compromise for the good of the
>>amatuer packet community as a whole. That's another big reason you don't have
>>the high-speed networks in place as well. 2 people trying to get a high-speed
>>network in place will take longer to do (unless they have money to burn) than
>>if you have 20 people pumping in money for the project.
>>
>
>There should be no need for agreements ... standards already exist
>(you're using them as you read this ... TCP/IP, SMTP, POP, NNTP, etc.
>etc. No need to re-invent the wheel ... interoperability is also
>important ... otherwise the ampr.org domain is DOOMED to perpetual
>isloation ... the place where there's LOTs of room for improvement and
>experimentation and advancement by hams is in Layer 1 and Layer 2 and in
>the Application Layer ...

You don't understand, Carl. Jim has touched on a very real problem.
Data networks are 90% people and organization, and 10% technology.
We have the technology in hand, that's not the problem. The problem
is to have the people and organizational structures in place to erect,
operate, and maintain the network. This is expensive, time consuming,
and requires an enormous amount of planning, coordination, and politicking.
This is where critical mass becomes vital.

It is necessary to develop a consensus among a large enough group to
form a critical mass in order for a network to be successful. In essence,
a club has to be formed in much the same way that clubs are formed around
regular voice repeaters. We call them LANs (though technically they should
be called MANs). And there needs to be an umbrella structure erected to
encompass multiple LANs, tying them into one coherent network. Generically,
that's a WAN, in Georgia, we call this GRAPES. It is structured as a club
of clubs, IE its members are the actual LANs it encompasses, not individuals.

Forging the consensus is the hardest part. As Jim notes, when you get a group of hams in a room, it gets mighty cramped due to all the big egos involved. It requires a deft political touch to get all these people to agree on what to have for lunch, much less on how to structure and build a network. We were fortunate to have a few people with just such political skills. This still didn't happen overnight. It took years of work, and still takes work to hold it together.

As with most voluntary organizations, the main problem is that 100% of the members have opinions, but only 2% are willing to actually do any work. Those 2% can be easily burnt out if you're not careful. There's no way that a small core networking group can maintain a statewide network by themselves. In Georgia, the mileage alone is daunting. So each LAN is charged with maintaining its own equipment, and contributing to the maintenence of the interties. That way the workers don't have to chase all over the state all the time.

It takes money and people to build a network. The money isn't that much, but the people are absolutely critical. Ongoing recruitment and training are required to replace workers as they burn out, or ideally to rest them before they burn out. A network with lots of downtime quickly ceases being a network. The net has to function, and it has to function reliably. Outages have to be corrected promptly. That takes dedicated and trained people. There are never enough of them.

We've had problems from time to time in this area. We've burned people out, we've had prolonged outages, and we've had problems holding the network together as a result. The job isn't over when the last piece of hardware is installed. It's just beginning.

The problem is that the network developers get bored when the network is completed. They want to go on to other things. So a different group has to be recruited and trained whose main focus is maintaining and operating the network. This wasn't obvious to us in the beginning. It is painfully clear now.

People, people, people, that's what networking is about. The more people you have, the better job you can do. And to get those people to work together requires politics, politics, politics. It isn't always pretty, but that's the way it is.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3004. "Exotic" HF Digital vs. CW,SSB

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: Jim Reid <jreid@aloha.net>
Message-ID: <01bba273$0adcc580$84070ccf@jim-reid-1>
Source record: 216807
Cross-posted to: rec.radio.amateur.misc,rec.radio.,amateur.digital

The HF digital "-tor" and Clovor modes are evidently not suited to
the usual (that is, what is going on now) for today's HF radio
amateur. I had a KAM Plus for awhile, and found you can neither
send nor expect to hear a call for QSO by sending a CQ out on
a random frequency somewhere in the generally agreed upon
digital band windows. You can with an RTTY siganl, but all the
others, I was told, require a prearainged freq,time schedule!
Is this true?

I, at last, gave up, and sold the KAM PLus. Now
I have Brian Beezley's excellent RITTY soft ware program which
allows me to operate RTTY directly from the computer without
the need for a TNC. This software has excellent capability for
weak signal RTTY DX operation.

I also found, that even if you were to try to join in on a 20 meter
packet frequency, you would be excluded as you "didn't know the
code, or proper password to use to get in". Is this true?

Evidently operators of the digital modes, other than RTTY, do
not send CQ's or otherwise entertain QSO's with other than
predetermined recipients. Is this true?

I have never heard a DXpedition use any digital mode other than
RTTY on HF. I understand that after much discussion on the newgroups,
that CW is not considered a true digital mode; too much human
randomness creeps in to mess up the true digital timing nature.

If the above points are true about HF digital modes, regardless of
their superiority in thru-put rate, error freedom, etc., they are likely
never to be accepted by the general HF amateur community. The
HF operator, unlike the VHF operators, like to roam the bands,
find random and far away folks to chat with on both SSB and CW.
Both of these modes have there pros and cons, but at least you
have a chance of hearing a weak signal calling for a contact on a
random frequency in the band, and probably being able to establish
a plesant QSO, QSB and QRM permitting. If you can't find and work
the random more exotic digital signal soliciting a call with whomever
happens along to find it, seems like it is not a true HF band
amateur radio experience. Of course, I am old fashioned and
licernsed since 1950.

But would appreciate clarification, if needed, about these new
"exotic" digital HF modes.

73, Jim, AH6NB

3005. Re: What's our state of the art?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: wb6bnq@pacbell.net
Message-ID: <51f4et$814@news2.snfc21.pacbell.net>
Source record: 216808

How about the fact that the Tucson group put "RADIO PACKET" on the map
that is now being used by many commercial companies as a product in
the commercial market place on commercial frequencies for commercial
purposes ?????
I realize that this is old hat so far as the time scale is concern but
the facts have been loss over time.
The satellite area is also good in that packet and satillite are two
areas where the amateur have actually produced something rather than
an advancement by a commercial company.
When you write your article how about posting it in the news groups
for us to read. hi hi just being cheap.....

bill........WB6BNQ

3006. Re: Icom 706 on FSK

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep14.184252.19531@ke4zv.atl.ga.us>
Source record: 216809

In article <john-1409960442250001@wd1v.mv.com> john@wd1v.mv.com (John D. Seney, WD1V, LeCroy T&M 800.553.2769) writes:
>Is it just me or is this the most incredible radio ever? Been on FSK
>now with Pactor, RTTY, AMTOR, etc. and the filtering, tuning with
>IF shift, and sensitivity is FANTASTIC. Running it with a KAM Plus.
>Accessory cable out the back has pre-attached leads making wiring
>simple and convenient.

It is good, considering the size it is incredible, but it isn't great. Sensitivity is high, but so is the likelyhood of overload. The filters are flexible, but suffer blowby, and lack choice of bandwidths (one optional filter is not enough). Still, it does work well for the digital modes using the 500 Hz filter, and I'm using mine that way too.

I really do like the little radio, and if the overload problem were solved I'd like it even more. (You can deal with it manually, with the attenuator, but you shouldn't have to, the IC735 doesn't have the problem, so Icom knows how to prevent it.)

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3007. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: carl@ais.net
Message-ID: <51f5on$ie2@news.ais.net>
Source record: 216810
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <51eper$ecs@abyss.West.Sun.COM>, myers@West.Sun.COM (Dana Myers) writes:
>
>Actually, I think the tests should include complex math, too.
>

Yeah ... let's see how well the CW folks do with FFTs, FIR filter
design, etc.

Carl - wa6vse
carl@ais.net

3008. Re: Learning/Improving CW Skills

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: T E I X E I R A <teixeira@ccnet.com>
Message-ID: <51ejkl$h78@ccnet2.ccnet.com>
Source record: 216811

I have also seen the "Gordon West" CW tapes at Radio Shack.

Don
AC6TG

3009. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <51f7b9$ss4@sjx-ixn6.ix.netcom.com>
Source record: 216812
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <51eper$ecs@abyss.West.Sun.COM> myers@West.Sun.COM (Dana Myers)
writes:
>
>In article <51ek6h$6c4@news.ais.net>, <carl@ais.net> wrote:
>>In <1996Sep12.133148.1@ttd.teradyne.com>, rice@ttd.teradyne.com (John
Rice) writes:
>>>In article <charles1DxLAJE.Hsn@netcom.com>, charles1@netcom.com
(charles copeland) writes:
>>>> In article <515bgo$rlh@lehi.kuentos.guam.net>,
>>>> Jim Kehler <pacrimgolf@kuentos.guam.net> wrote:
>>>>>
>>>>>
>>>>>I know you guys want a no code HF license. But I don't know
exactly
>>>>>what you expect to get when or if you get one. I have seen a lot
of
>>>>>'logic' from the Carl Clan supporting the 'plan', but I haven't
seen
>>>>>much about what 'the plan' is. That's why I am asking.
>>>>
>>>> Simply put, substitute much more stringent technical written
>>>> tests for code test. Thats all.
>>>
>>>I'll buy that. Let's go back to the days where you had to draw
>>>schematics and do 'real math'. No more 'memorize the test'. I'd go
for
> ^^^^^^^^^
>>>that...
>>>
>>
>>Me, too! NO PROBLEM!
>
>Actually, I think the tests should include complex math, too.
>
>--
> * Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and
should *
> * (310) 348-6043 | not be interpreted or represented as
*
> * Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc.
*
>

And what's the matter with; hole theory, relativistic momentum equations, or just a touch of quantum mechanics. Actually all of the above are useful in amateur radio but unlike CW you don't have to master them to enjoy the hobby.

73 Jerry

3010. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <51f6gt$fn1@anomaly.ideamation.com>
Source record: 216813
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <51eper$ecs@abyss.West.Sun.COM>,
Dana Myers <myers@West.Sun.COM> wrote:

>Actually, I think the tests should include complex math, too.

I think that's very snobbish and elitist of you.

Obviously there are many fine people who would be excluded from an
amateur license merely because they didn't take advanced mathematics
classes in high-school if tests with this criteria where in place.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

3011. Re: BULLETIN: 14 Year Old Sailor Not Heard in 3 Weeks

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: Patrick Cook <pcook@dimensional.com>
Message-ID: <Pine.SUN.3.95.960914160605.22041B-100000@nova.dimensional.com>
Source record: 216814

On Sat, 14 Sep 1996, Christopher K. Greenhalgh wrote:

> In article <51efhs$dq5@sjx-ixn6.ix.netcom.com> kc5egg@ix.netcom.com(Gerald Schmitt)
writes:
> You sir are an embarassment to the hobby.
>
> Is this a joke?

You mean you missed the CLASSLESS comment that the JERK that Gerald was
replying to???

I think I have about 2 or 3 echoes of it somewhere. In fact I know I do.
Read some of the earlier posts.....

Patrick Cook, KB0OXD
Denver, Colorado

Internet: pcook@dimensional.com
AMPRnet: kb0oxd@bbs.n0iak.ampr.org
AX.25: KB0OXD @ N0IAK.#NECO.CO.USA.NOAM

3012. Re: "Exotic" HF Digital vs. CW,SSB

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: Phil Sussman <pactor@pactor.com>
Message-ID: <323B348C.5A76@pactor.com>
Source record: 216815
Cross-posted to: rec.radio.amateur.misc,rec.radio.,amateur.digital

Jim Reid wrote:

> The HF digital "-tor" and Clovor modes are evidently not suited to
> the usual (cut) for today's HF radio amateur.

<snip>

I do not agree. The newer "PSK" modes are far better, in terms of
performance, than are older digital modes.

> I had a KAM+ for awhile, and found you can neither send nor expect
> to hear a call for QSO by sending a CQ out on a random frequency
> somewhere in the generally agreed upon digital band windows. You
> can with an RTTY siganl, but all the others, I was told, require
> a prearainged freq,time schedule!
> Is this true?

NO! It is NOT True. I think you were misinformed or do not
understand. Stations calling CQ do so in FEC and a TNC can
MONITOR an FEC broadcast. You merely turn ON the monitor
function of your TNC with a command.

CLOVER stations emit a "request for QSO" frame which is
easily monitored by any other CLOVER station.

> I have Brian Beezley's excellent RITTY soft ware program which
> allows me to operate RTTY directly from the computer without
> the need for a TNC. This software has excellent capability for
> weak signal RTTY DX operation.

Brian has a nice program; however, ARQ is more powerful in terms
of weak signal performance and error correction than RTTY.

>....even if you were to try to join in on a 20 meter packet
>... you would be excluded as you "didn't know the
> code, or proper password to use to get in". Is this true?

Partially true... Some BBS Packet operators who exchange large
volumes of messages will only allow connections from other BBS
stations... and not casual users to tie up their systems.

PACKET on HF can be used for QSOs, BUT for the most part HF
PACKET is dying out, being replaced by PACTOR and CLOVER.

> Evidently operators of the digital modes, other than RTTY, do
> not send CQ's or otherwise entertain QSO's with other than
> predetermined recipients. Is this true?

Nope: Totally untrue.... PACTOR-1 and PACTOR-2 are open
architecture systems, as are AMTOR and CLOVER. There are
stations 'calling' CQ all the time. All you need do is
tune across the band. The only precondition is that ARQ
modes currently only support one 'link between stations'
at a time. Roundtables or multi-party QSOs in these modes
require an FEC broadcast by each station.. without linking.
And so they are less reliable.

> I have never heard a DXpedition use any digital mode other than
> RTTY on HF. I understand that after much discussion on the newgroups,
> that CW is not considered a true digital mode; too much human
> randomness creeps in to mess up the true digital timing nature.

CW by definition is a digital mode. It is a true digital mode and
of course, it was the first digital mode. Some DX stations have
been recently working PACTOR, when not in a contest.

> If the above points are true about HF digital modes, <cut>
> never to be accepted by the general HF amateur community.
> HF operator like to roam the bands, and find random and far
> away folks to chat with on both SSB and CW. <snip>
> But would appreciate clarification, if needed, about these new
> "exotic" digital HF modes.
>
> 73, Jim, AH6NB

By the way PACTOR-1, CLOVER, PACTOR-2 and not really exotic at all,
they are just NEW. PACTOR has been very popular and has all but
exterminated AMTOR from the HF hambands. PACTOR-2 has some really
nice performance.

For more about PACTOR, see http://www.pactor.com

73 de Phil - KB8LUJ

3013. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <51fbsl$i9d@abyss.West.Sun.COM>
Source record: 216816
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <51f6gt$fn1@anomaly.ideamation.com>,
Michael P. Deignan <kd1hz@anomaly.ideamation.com> wrote:
>In article <51eper$ecs@abyss.West.Sun.COM>,
> Dana Myers <myers@West.Sun.COM> wrote:
>
>>Actually, I think the tests should include complex math, too.
>
>I think that's very snobbish and elitist of you.
>
>Obviously there are many fine people who would be excluded from an
>amateur license merely because they didn't take advanced mathematics
>classes in high-school if tests with this criteria where in place.

Um, doesn't the advanced test have impedance calculations? I know
the Extra does. Guess what? You use complex math for these, well,
if you don't memorize the answers.

Afterall, CW is just one of many modes that an amateur can elect to
use, but complex math is *the* way to perform impedance calculations.
Impedance calculations relate to radio in general, and therefore
apply to all modes an amateur may elect to use. Perhaps I'm
being snobbish and elitist, thinking that that the fundamental
theory of how radios are built is more important than learning
one peculiar digital coding method by ear, but I'll survive.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

3014. Re: BULLETIN: 14 Year Old Sailor Not Heard in 3 Weeks

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: T E I X E I R A <teixeira@ccnet.com>
Message-ID: <51f451$rdp@ccnet2.ccnet.com>
Source record: 216817
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc

He's parked in San Francisco Bay.

Don AC6TG

3015. The truth about Juno mail.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <323B40F6.6429@ccsnet.com>
Source record: 216818
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc

I hear packet stations pushing JUNO, read this:

At JUNO the customer philosophy appears to be "the customer comes last."
I had an account with them (kotzebue@juno.com) and as you will read
below I supported them strongly. However they have a rule if anyone at
all complains about you they will terminate your service. It does not
matter whether the complaint was justified or not or even if it had
anything whatever to do with your JUNO account, you will be terminated.
What is even worse I was terminated without ANY notice and they
were unresponsive to any EMAIL (except their automated replies). Also if
I tried their tech support and I was on hold for a long time and when
you do get through they did not followup (so I do not really know why my
account was cancelled or even if it is a technical problem, I am
surmising I was removed). Thus if you had set to receive all your Email
via that account, you are screwed as those that write you will have
their mail bounce back.

Even when JUNO works it take me several calls to avoid crashes, hangups etc.

Now I do have another JUNO account as their software was simple to
overcome and simply sign up another account. I was inconvienanced by the
termination but only a bit as I had two other Email accounts.

Here is what I told them when they said they had a complaint about them.
(I got NO response).

FIRST I am one of your biggest supporters. I have sent out messages to
over 50 friends who were interested in your service. The more users the more
revenue you gain from advertisers.

I send no internet users unsolicited messages from my Juno account.
I post to the internet via my Internet Service Provider, which is not
you.

If I have my address listed in a signature how does that violate any
terms of an agreement? You are well aware almost anyone will complain about
almost anything on the internet.

I only send messages to those that send me messages except in a few rare cases.
I will be mindful of your concerns but please do not defend those that would
make false and/or misleading claims.

As far as violating the terms of the agreement, I read the terms and the
only thing that comes close follows:

3.4. . You agree that you will not interfere with any other person's use and enjoyment of the Service or any other online service.

That sentence is impossible to comply with as written. If I post a message saying I do not like Nazis (which I did) that can be inferred as "intefering with someone's enjoyment of any other online service." Thus do expect all your users to have no opinions on anything? If you wish to deny me service based on that provision I will go from being your greatest advocate to a very unhappy former customer and just as I have not kept my pleasure of using Juno to myself, I will not keep my displeaure to myself either.

Burt Fisher

Here is the complaint they sent me which caused me to respond above:

On Tue, 06 Aug 1996 13:07:53 -0400 Juno Postmaster <postmaster@juno.com> writes:
>Dear Juno Member,
>
>We have received complaints from other Internet users regarding
>unsolicited messages that you sent them. While these messages were sent
>from another Internet service, your Juno address was used as the return
>address. As a result, messages in response to and complaining to these
>unsolicited message are sent over the Juno service, and are subject to
>the Terms of Service agreement which you accepted when creating your
>account.

>--Postmaster
>Juno Online Services, L.P.

Westholme Partners, L.P.
Address: 39th Floor, Tower 45
120 West 45th Street
New York, NY 10036

3016. He made it!!!!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: zommbee@nwlink.com
Message-ID: <51ffkf$agc@texas.nwlink.com>
Source record: 216819

In article <cgreenha.499.323B0472@magnus.acs.ohio-state.edu>,
cgreenha@magnus.acs.ohio-state.edu (Christopher K. Greenhalgh) wrote:
>In article <51efhs$dq5@sjx-ixn6.ix.netcom.com> kc5egg@ix.netcom.com(Gerald
Schmitt) writes:

The young Japanese fellow made it to San Fransisco as scheduled on Friday,
September 14. This according to AP News Service

Dave WB7AWK
zommbee@nwlink.com

3017. Stop this negative thread I started...

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: zommbee@nwlink.com
Message-ID: <51fggc$agc@texas.nwlink.com>
Source record: 216820

In article <1996Sep6.224544.1465@ke4zv.atl.ga.us>,
gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>In article <50le25$6oa@texas.nwlink.com> zommbee@nwlink.com (zommbee) writes:
>>Let this be a friendly thread

It's nice to know that at least someone (Gary) can offer an eloqent explaination on this topic without turning into a flaming CW-op hate monger.

I only wanted to know who enjoys CW. Like I said in the initial post (boy am I sorry!), let this be a FRIENDLY thread, and deal only with whether you love CW or not, not whether it is *BETTER* than other modes. To use the 'x-mode is better' argument when I asked if you enjoy it is akin to saying 'chocloate' is *better* than strawberry in icecream. It is absurd in that context. I only wanted to know if people still enjoyed the mode or not.

Please end this stupid thread I inadvertently started, and let this hate-filled 'discussion' live in the already-existing threads.

Sorry to all for the waste of bandwidth. I certainly never intended it this way.

Dave WB7AWK
zommbee@nwlink.com

3018. Re: the final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: kj7az@coffey.com
Message-ID: <51ffh3$r5a@news.tcd.net>
Source record: 216821
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

markl@dove.net.au (Mark Little) wrote:

>>
>>
>> WHAT IS C W
>>
>> * It is a unique,intimate,concise and effective communications skill still
>> employed throughout the world.

>CW, just to be pedantic for a second, does not convey intelligence unless it
>is coded. Morse code is the most common hand transmitted CW code.

>> * It is the most efficient mode in terms of power required for long-
>> distance communication ,least susecptible to interference,and conserving of
>> the radio frequency spectrum.

>Not true, unless you also stipulate that it must also be one of the cheapest.

Wrong, The code can be heard farther than ANY other means of
communication with the least power. Cheapest is that HAM is all
about. There was a time when MIR could be contacted with just 2 watts
and an HT. Not any more, you need POWER because all the people have
forgotten the basic rule of ham radio. MINIMUM POWER REQUIRED TO MAKE
THE CONTACT! Same goes for ALL other communication modes in ham
INCLUDING cw.

>>
>> * It involves no accent or pronunciation problems,therefore providing a
>> widely understood international language.

>This is a common fallacy about Morse code - it is NOT a widely understood
>international language - it is not a language at all. It is a basic one for
>one represntation of the alphabet and numbers. If you cannot understand
>a common voice language, then what most people are relying on is the
>abbreviation codes such as the Q-codes. If you think I'm off the mark, then
>perhaps you could show how you would communicate to a non-english speaker
>that:

The Q codes were designed for just that purpose, if you don't know
them then maybe you sould read the now your talking book that you
learned the answers to the questions from.

>"Tomorrow, it will be fine so I'll do my washing. The day after, I will do
>the ironing when it is raining."

This kind of communication is RAG CHEWING and not necessary to
complete a QSO.

>This is a simple concept in any true language, so the "widely understood
>international language" should be able to communicate this easily without
>resorting to English.

Like I said, Q signals were designed for exactly that purpose.

>The writer also tends to overlook the fact the Morse operators also have
>"accents" which can impair communications. One could also argue that any
>text based comms is free of accent.

OK, then Packet should be illegal, a spanish speaking individual may
send a message to an english speaking individual. Nobody gets any
inteligence out of the message. It could be concidered jamming.

>> * It employs simpler,more reliable and easily maintained equipment than any
>> other communications mode.
>>

>Most amateurs use commercial equipment which provides the other modes as well.
>It is true, however, that if you build the simplist possible transmitter and
>receiver, but in many cases, modern communication building blocks allow other
>modes for the same relative complexity.

Yep, you got that right, and it goes agains HAM pricibles. Keep it
simple stupid.

>As to being more reliable, this is questionable as the transmitter is being
>powered up and down continuously. Given the same level of technology, I'd
>suggest that an FM rig would probably be more reliable as it is keyed less
>that a CW rig for a comparable contact time.

Hmmm.... My little radio shack HTX-100 has been in beacon operation
for about a year. 5 watts travelling over 100 miles locally on CW and
all over the world by propigation? Try that with any other means of
communication on ANY other band. 28.284 CW. I would think this
little radio shack 10 meter rig will probly go another year or so
without problem. Just keying away.

>> * It is an equalizer,negating age,speech impediments and dialectical
>> differences;it provides for ready acceptance of youngsters in an adult
>> enviornment.

>It however, does discriminate against people, especially older people, who
>have muscular problems which limit their hand coordination. The ready
>acceptance of youngsters is a bit tenuous, unless the writer is implying
>that older amateurs are "age-ist". I would hope that that amateurs accept
>people on their actions, not their perceived voice age. Otherwise, it would
>tend to indicate that they may discriminate against sending style anyway.

Nope, wrong again. There are people who can't even use their hands or
hear who have learned the code. It just takes the courage to do it.
One local had arthritis so bad he couldn't do the code by hand at all.

But he still had the state record for reception at over 60 WPM.

>> * It is the ONLY radio communications mode that is understood readily by
>> both man and machine.
>>

>>
>> Please note : the above article was submitted for packet by N1CNS as
>> a reminder that it is a serious and viable means of communication. Any
>> responses may be sent to me WA1HVD @ KA1AZ.RI.USA
>>
>> .

>This comment, I do agree whole-heartedly. CW operation should always have a
>place in Amateur Radio as long as a single operator whichs to use it. It can
>be a very enjoyable pursuit to many amateurs. I would certainly resist any
>move to say that CW (Morse) should not retain its slice of all amateur bands.

>Mark

My final comment is this, if we are going to loose the code, then I
say we make the cheat books illegal. Now Your Talking and all those
other books with the questions and answers in them should be taken off
the market. Make these guys at least earn their license and learn a
little about Amateur Radio before giving them their ticket.

73

Tim/KJ7AZ

3019. Amateur Radio Plaques & Engraving

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: kn3a@gnn.com
Message-ID: <51fjca$gb@news-e2b.gnn.com>
Source record: 216822

http://members.gnn.com/kn3a/plaques.htm
K. Campbell

3020. Re: Do we build? was(Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: Doug <doug@sunrise.alpinet.net>
Message-ID: <323B6BCA.6B11@sunrise.alpinet.net>
Source record: 216823
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew

The largest deficiency in the Hobby today lies in the mindset of those who enter thinking Amateur Radio is a kind of "Advanced CB" world, and who bring with them the same whining and culturally bankrupt attitudes that prevail on 27 mhz. This thinking is furthered by the present perception that numbers alone will save us from being made fodder by the ever increasing demands of a profit driven Communications Industry.

Morse, while certainly an ancient form of communication, is essentially like any other language. It is easy to learn and can be picked up by children in a short time, why not the rest of the population? It strikes me that those who spend so much time complaining about the code would more efficiently use the oxygen and resources they consume on this earth by learning and teaching the code, therby ensuring it's future use in our hobby.

A Filter??? Maybe not, but detractors should spend some time on 30 meters listening to the new Hams and how hard they work at becoming proficient CW operators...it's heartening to hear.

Perhaps it would be better for all of us to heal the wounds that divide us and present a united front at Warc. Our enemies are many and their percieved spectrum needs large. I believe our entire hobby is at stake.

Doug, K7YD

3021. PRO - CW !!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: Rick Perry <kg7a@wolfenet.com>
Message-ID: <323B7D1D.134C@wolfenet.com>
Source record: 216824

I've been reading quite a few messages about doing away with CW or at least not requiring it on various levels of exams. I completely disagree.

CW is an art form. We live in an instant gradification society, "I want it now !!". We've been pretty much conditioned in this mode of operation. Why does it have to include ham radio? What about tradition? Ham radio has a great tradition and CW is part of it. Things like making your first QSO as a new novice (I still remember mine), developing your skills as an operator on CW and phone, moving up to the next license--these are things you can be proud of. Which mode gets through better is not the point. Sure I 've been on for almost 40 years now and I'm an old -- whatever, but I am still proud of my abilities on CW and phone. You are advocating the loss of opportunity. No one "even in the dark ages" wanted to spend time on CW at the start. All I wanted to do was talk on phone. That was in the beginning, but as time passed and my skills increased I had gained something.

I agree that change is usually indicated from time to time. Well, we got it in handfulls, no-code licensing, VE testing, expanded bands. Then because someone decides that CW is in their way of more frequencies, the answer is do away with it, rather than taking on the challenge. Should reward be instantly granted on request? Ham radio to many may be like their computer, if its running too slow go buy an upgrade. To others, like me, ham radio means a great deal more. You are really the loser. Talk to some of the old timers. Develop some real pride in your hobby and you will try and protect it.

Because I am an Extra does that make me elite? Well, it took me 20 years to get there (many failed exams at the FCC). No, I don't think I'm elite, just proud of what I did. Do I deserve more spectrum--you bet--I earned it! You earn it, and don't degrade the accomplishments of others.

Rick, KG7A

3022. Re: Thanks Carl

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: cecilp@magic.bunt.com
Message-ID: <51do8l$qev@krypto.zippo.com>
Source record: 216825

kc5egg@ix.netcom.com(Gerald Schmitt) wrote:

>Just a quick note to that Carl for his tireless jousting at the radid
>pro code folks. When I first got my license I was enthusiastic about
>all aspects of amateur radio including code. The exposure I got on the
>net to the very rabid pro code folks A.K.A Code Nazis has comptletely
>changed that.
>>>>>>>>>> snip <<<<<<<<<<<

Jerry,
My feelings are almost opposite of yours. Since I have gotten on the Internet and started following the code debate I have become more pro-code. Mind you I am only a Tech plus, but I intend to upgrade and will use CW. I have listened to the arguments and have yet to be swayed by the anti-code logic. Change the band plan? For what and how? (Remember, you must somehow satisfy all modes that are used) Change the test? To what?

I am sorry Jerry but I am not convinced. You use the phrase "Code Nazis" to describe the pro-coders, but I view the code as the TANSTAAFL. "There ain't No Such Thing as a Free Lunch" There must be some way of making someone earn the right to be a HAM. I see the code as the final hurdle to graduation.You, Carl, and the others may be right that the Code will go away. But what do you intend to use as a final hurdle. If you give away the Amateur Radio License then why should anyone respect it.

My final thought is this:
Robert Heinlein in his novel "Starship Troopers" said this -
The American Constitution guarantees you the right to the pursuit of happiness, but no where does it guarantee you the right to succeed in your pursuit of it.

And somewhere I remember being told that "that which is not earned but given freely away has no value."

Do not devalue our Ham License by giving it away, Please.

73
Paul Cecil
KA5FPT / DA2PC
Kaiserslautern, Germany
Ramstein Air Base
email: cecilp@magic.bunt.com

3023. IPS Daily Report - 14 September 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <51ffnv$te@flare.syd.ips.oz.au>
Source record: 216826
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 14/2330Z SEPTEMBER 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE AUSTRALIAN SPACE FORECAST CENTRE
SUMMARY FOR 14 SEPTEMBER AND FORECAST FOR 15 SEPTEMBER - 17 SEPTEMBER

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 67/0

GOES satellite data for 13 Sep
Daily Proton Fluence >1 MeV: 2.0E+06
Daily Proton Fluence >10 MeV: 1.5E+04
Daily Electron Fluence >2 MeV: 1.8E+09 (very high)
X-ray background: A1.0
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
15 Sep 16 Sep 17 Sep
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 15 Sep: 68/2

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Quiet to unsettled

Estimated Indices : A K Observed A Index 13 Sep
Learmonth 7 3223 2111
Fredericksburg 14 14
Planetary 10 19

Observed Kp for 13 Sep: 4323 3233

2B. MAGNETIC FORECAST
Date Ap Conditions
15 Sep 5 Quiet
16 Sep 8 Quiet to unsettled
17 Sep 5 Quiet

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band

Date Low Middle High
14 Sep Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
15 Sep Normal Normal Normal
16 Sep Normal Normal Normal
17 Sep Normal Normal Normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
14 Sep -2

Observed Australian Regional MUFs:
Darwin: 15-30% depressed for the period 0300-1500UT,
otherwise near predicted monthly values.
Townsville: Near predicted monthly values.
Sydney: Near predicted monthly values.
Hobart: Near predicted monthly values, with spread F
observed for the period 1000-1300UT.

Predicted Monthly T index for September: 9

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
15 Sep 5 near predicted monthly values
16 Sep 5 near predicted monthly values
17 Sep 5 near predicted monthly values

--
IPS Radio and Space Services | email: asfc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/asfc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
tel: +61 2 94148300 | fax: +61 2 94148331

3024. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <51f8j2$k9p@news.Hawaii.Edu>
Source record: 216827

In article <5181co$eu5@news.ais.net>, <carl@ais.net> wrote:
>73700.12@compuserve.com (Jim Nuytens) writes:

>>While I don't like CW and don't see it as anything I'm likely to pursue, the
>>plain fact is that to have anyone believe that the reason we don't have viable
>>high-speed packet links is because of CW, is going WAY out on the proverbial
>>limb.

>I'm saying that we'd be further along if we had not driven hordes of
>technically skilled/computer-savy folks away with the code requirement.

Just as an aircraft designer might not be licensed to fly what he builds,
these folks you revere of don't need a license to put their ideas into
practice. How many designers at IK&Y are hams? Besides, if there was any
chance of a dollar to be made from their work, do you think the prospective
hams you claim that have been turned away would choose to endow their ideas
upon the amateur community?

Of course there are ways of making money off of amateurs, such as attempting
to get the code tests eliminated so one's company can market their HF gear
to a greater number of hams. That's what you're attempting to do, right Carl?

>New blood and new ideas are what are needed to leap forward ...

... which will translate to huge profits for your company's future line of
HF products?

>>I'll tell you why packet has stagnated. It's because hams (in general)
>>reflect the apathy and laziness of the general population.

Did you ever consider that we're saturated with so many modes and
activities that we might just be satisfied with where we're presently
at?

> ... the place where there's LOTs of room for improvement and
>experimentation and advancement by hams is in Layer 1 and Layer 2 and in
>the Application Layer ...

The F1 and F2 layers certainly do need improvement but only the sun and
God have control over them.

>73,
>Carl - wa6vse
>carl@ais.net

73 from lovely Hawaii,
Jeff KH2PZ / KH6

3025. Re: Thanks Carl

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <51fcg4$njj@news.Hawaii.Edu>
Source record: 216828

Gerald Schmitt <kc5egg@ix.netcom.com> wrote:
>Just a quick note to that Carl for his tireless jousting at the radid
>pro code folks. When I first got my license I was enthusiastic about
>all aspects of amateur radio including code. The exposure I got on the
>net to the very rabid pro code folks A.K.A Code Nazis has comptletely
>changed that.

You must have just bought stock in the company Carl works for. His voluminous postings are for one and only one reason: He's hinted that the company he works for might be producing HF products in the future. Now just think what a no-code HF license would mean in regards to his bank account.

You can praise the virtures of the content of his articles but in the long run you're only aiding his selfish efforts to reap profits for him-self and his company at the expense of turning HF into a dumping ground.

>For the comprehension challenged. I was not against the code when I got
>into ham radio. The net is the biggest infulence in turning me against
>the fast code test.

Swallowed their bait, huh Jerry?

>Thanks again Carl keep up the good work.

And his stock holders thank *you*.

Jeff KH2PZ

3026. Re: Mail vs hand deliv, vanity app?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: mulveyr@ll.aa2ys.ampr.org
Message-ID: <slrn53kavt.fj1.mulveyr@ll.aa2ys.ampr.org>
Source record: 216855

On 12 Sep 1996 09:02:15 -0400, Robert Penneys <radio@copland.udel.edu> wrote:
>
>
>Do you have any knowledge of whether it would be more effective to
>have one's vanity call application hand delivered or express mailed
>to get there on the 23rd?
>

The FCC is using a lock-box service, so it won't make a difference
which method you use.

- Rich

--
My mailer has the unfortunate tendency to bounce 10,000 copies of any
junk mail I receive back to the sender. Be warned.

3027. Western Connecticut Hamfest this Sunday!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: KD1YV <jimkd1yv@ix.netcom.com>
Message-ID: <323A24DC.60C7@ix.netcom.com>
Source record: 216856
Cross-posted to: rec.radio.amateur.misc,rec.radio.swap,rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc,rec.radio.amateur.space

```
THE WESTERN CONNECTICUT HAMFEST
Sponsored by the Candlewood Amateur Radio Association

Just 14 miles from the NY/CT State line!

Sunday, Sept. 15, 1996 0900-1400
Edmond Town Hall Route 6, Newtown, CT
Tables inside Tailgating outside
ARRL Sanctioned Handicapped Access
Door Prizes Ample Parking
Gourmet Fare Rain or shine

Talk-in 147.12/.72 PL 141.3

General admission $4.00 at the door (what a deal!)

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include 1 admission), mail to:
Candlewood Amateur Radio Association, PO BOX 3441, Danbury CT 06813

For more info, phone (203) 790 7041 or (203) 438 6782.

Hope to see you all there.
73 de KD1YV
Jim
```

3028. Re: re who enjoys cw

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: len.anderson@mogur.com
Message-ID: <9609132154071019@mogur.com>
Source record: 216857

AL>From: larson@net.com (Alan Larson)
AL>Subject: Re: re who enjoys cw

AL>In article <5155b2$nf1@news.ais.net> carl@ais.net writes:

AL>>Seriously, despite your sadly mistaken views, CW is NOT "king under
AL>>those conditions" ... digital is, plain and simple. No contest. No
AL>>question. If you don't believe the technical facts, you're not a "bad
AL>>person", you've simply chosen to ignore reality.

AL> No, Carl. Digital is NOT king under those conditions.

Er...a presentation can be made to show that it can be as Carl says
it is. This has already been done, demonstrated in real hardware
elsewhere in electronics and communications. Proof of this could be
repeated, but the number of messages and quantities of illustrations
digitized and attached to messages would require man-weeks, perhaps
man-months, to show. After the last of multitudes of explanatory
messages, the response would be greeted by hoots of derision,
pejoratives and hawhaws of various kinds from those who refuse to
listen. There isn't any point to going through the exercise.
Eventually, you will be able to buy a device that does what Carls
says will happen at an electronics store...and much later, at an
amateur radio equipment store.

AL> If digital were so wonderful, it would be in use for some of the
AL>simple weak signal modes. However, it is *not* in use for moonbounce.

Not presently. A general methodology for such a link can be pulse of
a kind not known to be experimented with in amateur communications.
Such a pulse could be for MCW reception. The pulse would not be that
of a radar transmitter but a "wide" pulse containing a pattern
which is replicated in a SAW (Surface Acoustic Wave) filter in the
receiver; for bounce, the filter could be the same one for transmit
as well as receive. The action of the analog SAW filter is akin to a
coincidence detector although not the same as that old radar circuit;
signal-plus-noise along time is discriminated against noise alone,
small portions of signal-plus-noise adding in voltage in the filter
serrations until the pattern portions all add to a relatively high
voltage. On the transmit side, average power is quite low, spread
over the time of travel through the SAW. In the receiver with a
matching SAW filter, the signal is equivalent to a high peak power.
Peak power ratios of 20 db and more versus average power have been
achieved (1976).

AL> Not only are most of the popular digital modes quite a bit below
AL>the performance of the best digital modes, but the digital mode
AL>equipment is not well suited to emergency operation.

I'm unsure of your "suitability" criterion. What little emergency communications I've heard in Southern California, between the Santa Monica mountains fire of 1961 through the Northridge earthquake of 1994, have been largely voice on the amateur bands, and that only third-party traffic. Local communications for public safety and utility service were handled adequately for public safety and utility repair efforts.

AL> While it is possible to construct a computer/digital station using a
AL>laptop computer and portable interfaces, the simple truth is that
AL>computer stations are generally quite a bit more complex than their
AL>non-computer counterparts.

Only if made from stock subsystems with the only "homebrew" being the software...or made from SSI or MSI digital ICs standardized three decades ago. Once built, the operating system program would be frozen in ROM and considered just another piece of hardware. But, the number of digital devices available today is enormous. Programmable microcontrollers (microproccessors with built-in memory and other ancilliary functions on one die) can handle much, if not all of the overhead work in conversion of digital modulation schemes that are not standard. Standard digital modulations may use already-available digital devices. Their complication exists, but that is largely in trying to explain what they do. Their physical size and power demand is quite small and the mean time between failures is hardly less than older, proven, standardized digital ICs. It would be no more complex than a circuit board in the present-day transceiver appliance box.

AL> When I can pack the 'digital' station in the same space and
AL>weight as a small CW station, operating off of small batteries
AL>for extended periods of time, and for the same COST, then you
AL>may begin to have a claim. Until then, we are comparing amateur
AL>with military budgets.

Cost comparisons can be done with existing schematics and real, honest prices of small quantities of parts purchased to build a station. The actual cost, when totalled, is not the small figure expected or maintained by myth. A kit form is much cheaper, courtesy of the price reduction a kit maker enjoys in large-quantity purchases. There are very few kits, of all those available for any ham use, that push any state of the art...ergo, the kits are likely to be for simple designs using old, reliable circuit configurations.

A FET/CMOS receiver uses very little power. The major power drain in a transmitter is the final amplifier. Batteries exhaust on the total time of current demand, not on duty cycle. The final for CW or FM is the same, Class C. FM voice emergency message transmission takes approximately the same time as CW message transmission, less if the

CW operator is not proficient. Note: True emergency traffic handling does not allow the shortened words and acronyms used in ragchewing and contesting. Emergency voice reception can be heard and understood by all listening to a speaker, whereas CW requires an operator to decode the code. In an extreme emergency, a voice transceiver could be used by anyone. A CW transmitter could not.

Using a 1960s frame of reference for hardware and technology, no one but the government could afford small, portable digital communications. Today it is quite different. As one example, look at today's wireless LAN equipment: Low-power-drain, high-speed digital links do, indeed, work in severe environments, unattended, at industrial prices, not military. The present-day average transceiver appliance box has enough modulation modes to handle everything but "digital" with no significant power drain reduction when operating CW compared to other modulations. Digital could be added without sacrificing any power demand standard. (this includes the HTs) The only thing missing is an adaption of what is already in use in industry or a modification of same for specific amateur needs. Microcontrollers are available in many many types and styles, development support hardware and software exists for all models. Digital communications technology exists, the experience in the electronics industry is available. It just hasn't been fully utilized by amateur equipment designers.

One has to define "emergency" use or assistance by amateur radio today. As it is now, local safety, utility, and medical services have their own radios and networks and are much more acquainted with true emergency situations locally. If a true statewide or national emergency were to happen, state and federal government communications (military or civilian), plus communications companies can handle the comm. The "emergency" service that could be rendered by an amateur in the 1930s (provided electrical power was available) was a valid claim then since other services did not have many radio communications sets. That is no longer true at four years from the end of the century.

---
* OLX 2.1 * I was going to procrastinate, but I put it off.

3029. This Week in Amateur Radio #181 (for air through 9/20/96)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: "Stephan M. Anderman" <sanderman@delphi.com>
Message-ID: <JHPzrpR.sanderman@delphi.com>
Source record: 216858

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Here is a summary of news items covered on edition #181 of
"This Week in Amateur Radio", North America's satellite-delivered
audio bulletin service, for the week ending 20-Sep:
-
1. ARRL Challenges New FCC Regulations on RF Exposure Limits
2. Mexico Successfully Launches Its First Amateur Radio Satellite
3. Amateur Radio Icon Hospitalized after Suffering a Stroke
4. Special Event Station Calendar
5. ZS5AKV Elected New President of SA AMSAT, Succeeds ZS6BTD
6. FCC Clarifies Vanity Call Sign Filing Procedures
7. Arizona Man Fined $6,000 for Interference (Thanks to Hillary!)
8. League Membership Reaches New All-time High
9. "Gateway 160 Meter Net Report" with Vern Jackson, WA0RCR
10. Weekly Propagation Forecast
11. "The RAIN Dial-up" from Chicago
12. Two Meter DXCC #9 Awarded to New England Ham
-
Funding for the program's transmission and production expense was
provided this week by a grant from Mike Reynolds, W0KIE, of Tulsa,
Oklahoma, and the W0KIE Satellite Network, which carries "This Week
in Amateur Radio" to affiliates throughout North America.
-
"This Week in Amateur Radio" is a weekly amateur voice bulletin
service, produced by Community Video Associates, Inc., a New York
State not-for-profit corporation based in Albany, NY. The program
is heard on the "W0KIE Satellite Network" each Saturday at 9:00 PM
(EDT) on the Hughes Communications SBS-6 commercial communications
satellite, transponder 13B upper, located at 74 degrees west
longitude in equatorial geosynchronous orbit. The transponder
center frequency is 12.019 GHz; tune up in frequency to 12.031 GHz.
Program audio is on the 6.2 MHz analog subcarrier and carried on
VHF/UHF repeaters throughout North America and on 160 meters at 1860
kHz. Contact your local amateur radio club or repeater operator if
"This Week in Amateur Radio" is not being heard in your area.
-
Production and transmission expenses are underwritten by donations
from repeater operators, amateur radio clubs, and individuals.
Further information is available from George Bowen, N2LQS, at
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518/283-3665 (email kxkvi@delphi.com) or Stephan Anderman, WA3RKB,
at 518/664-6809 (email sanderman@delphi.com). You may also reach
them @ WA2UMX.FN32AW.ENY.NY.USA.NA via amateur packet.

3030. Icom 706 on FSK

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: john@wd1v.mv.com
Message-ID: <john-1409960442250001@wd1v.mv.com>
Source record: 216859

Is it just me or is this the most incredible radio ever? Been on FSK
now with Pactor, RTTY, AMTOR, etc. and the filtering, tuning with
IF shift, and sensitivity is FANTASTIC. Running it with a KAM Plus.
Accessory cable out the back has pre-attached leads making wiring
simple and convenient.

73,

John D. Seney |_|_|_|_| john@wd1v.mv.com
144 Pepperidge Dr |_| |_| page 5956779@skymail.com
Manchester, NH 03103-6150 |_|_ _|_| wd1v@wb1dsw.nh.usa.noam
voice mail 603.533.3472 | | | | | fax 603.627.1623

www.mv.com/ipusers/wd1v
Digital Scope.FAQ + Application Notes

3031. Re: Amplifiers: Class C, etc Whats the difference?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: billn@PEAK.ORG
Message-ID: <51dptr$af0@bashir.peak.org>
Source record: 216860

Steven Kerns (skerns@mail.talon.net) wrote:
: Without getting too deep, a class C amplifier is biased off when when a
: drive signal is not present, it is not a linear amplifier and can only
: be used as a amplifier for CW or FM modes. A class AB-1 amplifier is a

Close, but not precise. With plate modulation, a Class C amplifier is
perfectly acceptable for AM or SSB.

: linear amplifer being biased in the linear region of the active device.

It is close to being "linear", but still produces some distortion of the
signal. We accept the distortion for the improved efficiency of the amp.

Bill

3032. Re: The party is over for CB

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: bpaul@qualcomm.com
Message-ID: <51dtv9$r7q@qualcomm.com>
Source record: 216861

>>72527.01012@compuserve.com wrote:
>>> >Gary, KF9CM wrote:
>>>
>>> >Well boys and girls the party's over for CB. This means that the local
>>> >police will arest and fine you if it passes. The Bill reads out as
>>> >follows:
>[snip]
>>> To all ham operators:
-snip-

It sounds to me like this bill was written by a single person (Mr. FEINGOLD) and not reviewed or critizised by anyone with a technical understanding of the problem.

> (e) Where radio frequency interference to home electronic

Why exclusivly home electronics? Why not commercial electronics as well?

> equipment is caused by a CB radio station through the use of a
> transmitter or amplifier that is not authorized for use by a CB
> radio station pursuant to Commission rules, the State, county,
> municipal, or other local government shall not be preempted from
> exercising its police powers to resolve the interference by
> prohibiting the use of such unauthorized equipment or by

Possible loopholes -Is someone operating an amatuer radio in the CB band subject to this? I think it is clearly stated so, but how about someone using the same equipment at 26.0MHz? or 27.9MHz? Now they have no ties to CB radio. But these are the same people that bills like this are written to catch.

> imposing fines or other monetary sanctions. For purpose of this
> subsection, home electronic equipment includes, but is not
> limited to, television receivers, radio receivers, stereo
> components or systems, video cassette recorders, audio
> recorders, loud speakers, telephone equipment and other
> electronic devices normally used in the home. Any action taken
> by the State, county, municipal, or local government shall not
> preclude concurrent action by the Commission. Nothing in this
> subsection shall be construed to diminish the Commission's
> exclusive jurisdiction over radio frequency interference in any
> matter outside the scope of this subsection.'.

As others have pointed out, the police are there to enforce the laws, not interperate them. They collect evidence of an alleged illicit occurance, and forward that evidence and information to the judicial system. The judicial system decides wether or not you have broken any laws.

One problem here is that the police do not have the ability to properly collect sufficient evidence for the courts to make a decision (I suppose they would need spectrum analyzers, power meters, frequency counters, recievers, etc). That would mean the only evidence they could possibly collect would be the equipment itself (Gary Coffman had the best summary of that scenario in a previous post).

The idea presented here could work as a law, but it would need more specific definitons and need to spell out what sort of equipment and knowledge is needed to enforce the law.

San Diego has several CB stations broadcasting over 1KW, and while there not my neighbors, I'm sure the neighbors of these guys are noticing some effects. It would be nice to put an end to them.

I agree with the purpose of this bill, but it is poorly written and could encourage other types of activities, making this a bad bill.

-Bill Paul
KF6BBL San Diego, CA

3033. Re: Hand Delivery of FCC 610-V Vanity Call applications.....

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: mc@shore.net
Message-ID: <51duan$cg4@northshore.shore.net>
Source record: 216862
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

In article <5161uf$5oq@granite.sover.net>,
Michael Crestohl <mc@granite.sover.net> wrote:
>
>My friend and I will be driving to Pittsburgh to hand deliver our 610-V
>forms to the Mellon Bank. We feel this is the only way we can get our
>own applications in early.
>
>To cover expenses we have decided to see if anyone would be interested in
>having us deliver their 610-V forms and help us with the expenses. We
>will arrive Sunday night and be there at midnight or whenever the doors open.
>
>If you are interested in having us hand deliver your 610-V form please
>reply by e-mail. Depending on the number of responses we will figure out
>what the contribution should be.
>
>73,
>
>Michael Crestohl, KH6KD/W1 (but not for much longer!)
>mc@sover.net
>

Since this was posted the FCC clarified its procedure in a Public Notice
and also via their Consumer Information 800 line (which I found very easy
to get through on). The applications will be DATE stamped (but not with
the time) and will be processed in the order they are received at the
processor's workstation, NOT at the Mellon Bank in Pittsburgh. In other
words as long as you can get your application delivered and date-stamped
on Monday Sept 23rd you have as good a chance as anybody whose application
was received on the same day.

So, we're not going to drive to Pittsburgh - YAY!

73,

Michael Crestohl, KH6KD/W1
mc@shore.net

3034. Re: Mail vs hand deliv, vanity app?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: mc@shore.net
Message-ID: <51dufj$cko@northshore.shore.net>
Source record: 216863

I concur - best way is by express mail or courier - hand delivery does NOT give anyone any advantage. I had seriously considered hand delivery but research has indicated that this is not a viable option.

Michael Crestohl, KH6KD/W1
mc@shore.net

3035. Re: FCC Ruling Will Require Some Hams to File Environmental Impact R

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep14.054537.17377@ke4zv.atl.ga.us>
Source record: 216864

In article <511l9q$h9r$1@mhafc.production.compuserve.com> Hans K0HB
<71111.260@CompuServe.COM> writes:
>
>There are a number of issues in this action which are a problem.
>
>1) The R&O was issued without anyone having seen the proposed
>rules and thus unable to comment in a substantive way.

It is my understanding that this proceeding has been on-going
for a considerable period. Certainly the deadline for action
has been known since the passage of the Telecommunications
Act. Are you suggesting the ARRL was caught by surprise? Or
are you suggesting that the ARRL failed to keep amateurs
informed on this issue so that they could comment on it
earlier in the proceeding? It is also my understanding that
it is normal procedure for the final wording of new rules to
not be known until the report and order is issued. Is there
something different with this proceeding in that regard?

>2) The 50W power threshhold for amateurs is arbitrary and
>likely to trigger concerns on the part of State and local
>land-use regulatory agencies that power above 50W is somehow
>"bad" and cause for restriction on their part.

That's a concern, but the stronger Federal pre-emption
offsets that. A total pre-emption of amateur antenna height
restrictions would have been more welcome, and justified
on the grounds of gettting potentially hazardous RF fields
up away from the public.

>3) The 50W power level is unreasonably low, and differentiates
>between Amateur Radio licensees and other radio-service
>licensees which are treated much less restrictively.

The 50 watt exclusion is certainly arbitrary. It is unreasonably
high in some instances. It may be low in others. There's no way
to tell unless measurements and/or calculations are performed at
the individual station, and that's what the new rules require
above the 50 watt level. So there was no reason to have any
exclusion at all. Other services were not granted a similar
50 watt exclusion.

It shouldn't even have required a rulemaking since it is only
good engineering practice, which all amateurs are expected to
follow, to acertain whether RF biohazards exist at an installation.
We've done it for years in broadcast. The only thing this proceeding

really needed to do was to establish the threshold levels of concern.
It did that by adopting the NCRP limits.

Gary
--
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Lawrenceville, GA 30244 | |

3036. Re: ARRL and the little LEO grab

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep14.013121.16063@ke4zv.atl.ga.us>
Source record: 216865
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <32354001.424B@voicenet.com> agray@voicenet.com writes:
>Gary-
>
>Another mindless comment: ..."I doubt the lawyers could understand the
>issues [even] if they were explained to them".
>
>Some of you so-called "technical" guys are really bigoted and narrow
>minded. Guess only a select few, you among them, are capable of
>understanding these "complex" issues, right Gary?

Having had more than enough experience with lawyers, I feel confident in saying that most of them don't understand engineering issues in the least. That's especially true of political lawyers who think that they can modify physical law with retoric or by legislation.

It isn't their fault mind you, they haven't been trained in the fundamental nature of physical law, but they have been trained to look for loopholes and weasel words in Man's law. Many can't tell the difference. When told a resistor must obey Ohm's Law, they'll look for loopholes to try to get the resistor off.

There are a few, a very few, lawyers who have also trained as engineers, or have backgrounds in one of the physical sciences. They should have a clue, but they are very much the exception and not the rule. In fact one might be forced to say that they must be schizoid to hold two such diametrically opposed world views. Lawyers, especially lawyers in government service, always seem to think that they can cut a deal, or that reality will conform if they pass a law. But Nature doesn't make deals, and Nature only obeys its own laws, and always obeys its own laws, no exceptions, no compromise, no deals.

Lawyers usually don't see the humor in aphorisms like, "Gravity, it's not just a good idea, it's the law." They really think it makes sense to set standards such as the one which requires vehicle emissions to be below ambient. Statements like "everyone should have an above average income" don't strike them as absurd.

Lawyers are trained to be fine logic choppers and debaters. They are trained to con 12 rustics into believing black is white (or that OJ is looking for the "real" killer). They are not trained to deal with the reality underlying their chains of logic or retorical devices.

Lawyers are the ultimate gamers. They can play any game under any set of rules, but they don't seem to grasp that there is one game where the rules can't be broken, or even bent just a little. That's

not because it would be "wrong", but because there is no alternative. Disobeying these rules isn't a choice that can be made. Even if one doesn't know the rules, one still has to play by them nonetheless.

That's a thought completely alien to the lawyer. It means ultimately that he is irrelevant. Without the possibility for lawbreakers, there is no need for lawyers. That is not a thought an ethical lawyer could embrace without changing careers. Lawyers tend to think that there is always a fair and equitable solution to every problem. But Nature has no concept of fairness or equity. A good engineer has to live with this every day. He knows he can't break the rules, no way, no how. His job is to understand the rules as best he can, and work with them to accomplish his tasks. If he fails, it is not because he broke the rules, because he can't break the rules. He fails because he failed to understand and apply the rules properly.

And that's why lawyers have such a hard time grappling with scientific and engineering problems. Their worldview is fundamentally different from that of the engineer. It is not because they are stupid or venial, though there is certainly plenty of that in the legal profession. It is because they don't view the world the same way that an engineer must. Lawyers really believe that they can change the rules, an engineer knows that they can't.

Gary
--
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Lawrenceville, GA 30244 | |

3037. Re: re who enjoys cw

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep14.020226.16258@ke4zv.atl.ga.us>
Source record: 216866

In article <01bb9f0d$4c142340$5d5899ce@freeway.net.freeway.net> <kcubilo@freeway.net> writes:
>come on guys get with it.one of the purposes of ham
>radio is to provide emergency communications now
>suppose we have a national emergency with very
>poor prop conditions are you guys on packet or the
>other digital modes going to get the message across?

If we're using PACTOR II, we can work at -18 db below the noise floor. If you're using OOK Morse, you can't. Do you really believe that services which have to deal with weak signal conditions would willingly abandon the best tool for the job? Do you think, for example, that NASA engineers are stupid? Then why have they chosen to use modern digital techniques under extremely weak signal conditions rather than OOK Morse? Why aren't there rows of headphone wearing Morse operators receiving the signals from Voyager? Could it possibly be because OOK Morse is *not* the superior way to get a message through under weak signal conditions?

>how about weak signal ssb condx i dont think so.
>cw is king under these condx.

That's like saying that the one eyed man is king in the land of the blind. Not only is it not necessarily so, as the tale showed, but it is also a strawman comparison.

>call me a old fart or
>one that resist changes if you want. but the truth is
>cw is a requirement for a ham license and i hope it
>remains who needs another 11meter band type of
>situation?

It would be amusing if it weren't so pathetic that so many Morse testing adherents seem to embue a test of psychoacoustic conditioned response to encoded Roman text with measurement of moral qualities. A flatworm can be conditioned to respond to stimulus too, but that doesn't embue it with any moral superiority.

(Of course you can cut up a conditioned flatworm and feed it to other flatworms and they'll exhibit the same response to stimulus without the need for extensive conditioning. Perhaps that's how to clean up CB, we'll cut up some Morse

conditioned amateurs and feed them to the CBers. That will
then somehow make them morally superior beings as well.)

Gary
--
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Lawrenceville, GA 30244 | |

3038. Re: re who enjoys cw

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep14.023104.16466@ke4zv.atl.ga.us>
Source record: 216867

In article <3236285A.28D7@3-cities.com> Carolyn S & James C Krogness
<csjckrog@3-cities.com> writes:
>Since this is only a hobby, those that find the code
>difficult, should consider another hobby which will provide them
>satisfaction.

Ah, yes, where have we heard this before. I know,
"America, love it or leave it!" Yep, that's where
we've heard this before. It is the same old redneck
rant in defense of the status quo. Well, I love amateur
radio, and I'm not going to leave it. But I will fight
to make it better than I found it. Living systems
evolve and change, static systems die. I don't want
amateur radio to die. It's past time to bring amateur
radio into the latter half of the 20th century.

Gary
--
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Lawrenceville, GA 30244 | |

3039. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep14.030237.16630@ke4zv.atl.ga.us>
Source record: 216868

In article <514e14$c4r@vixen.cso.uiuc.edu> w9sz@prairienet.org (Zack Widup) writes:
>What was probably THE major DXpedition of the decade, 3Y0PI (Peter I Island)
>had their digital equipment smashed in transit to "the most inaccesible
>place in the world". (See page 82 of the 3Y0PI book.)
>
>They carried on with 60,000 QSOs on CW and SSB. By the time they got the
>digital mode equipment going, they were only able to make about 1200 QSO's.

Uh huh, and how many QSOs would they have made if it had been their transceiver which got smashed? Or merely the speaker cones of the radios soaked in salt water? Radio is inevitably a technical enterprise. It was the luck of the draw that their digital equipment was damaged rather than their SSB or CW equipment. Modern digital electronics is as robust in a modem as it is in a transceiver, or as susceptable to damage. They are to be congratulated for getting it working again while being in "the most inaccesible place in the world." Would they have done so well if it had been their transceiver which was damaged? Perhaps, perhaps not. It rather much depends on the nature and extent of the damage doesn't it?

As an aside, I would note that in my experience digital ops are less fanatic about Dx gaming than other HF operators. So I wouldn't have expected a high count on digital even if their equipment had been undamaged.

Gary
--
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Lawrenceville, GA 30244 | |

3040. Re: New Technology (was: Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep14.040954.16951@ke4zv.atl.ga.us>
Source record: 216869

In article <516mok$n6j@mrnews.mro.dec.com> randolph@asic.enet.dec.com (Tom Randolph) writes:
>In article <1996Sep10.165219.3295@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes...
>>I think most of the advances by amateurs in recent years have not
>>been in the realm of hardware, however. I believe most of the novel
>>developments have been in terms of protocols, software, and firmware
>>used to drive fairly conventional hardware. Striking examples of
>
>Gary, you should check out a few articles:
>
>"G3SBI's H-Mode Receiver Design", Tech Notes column, Communications Quarterly,
>Fall 1994
>
>"A High Dynamic Range MF/HF Receiver Front End", J. Makhinson, QST, Feb. 1993
>
>"A Termination Insensitive Amplifier", J. Makhinson, QEX, Jul. 1995
>
>...and many others of this ilk. Some of these circuits were discovered for the
>first time by amateurs. There's plenty of hardware innovation going on in
>amateur circles if you look for it, contrary to what Burt and others would have
>us believe.

I don't recall the first article you mention, but I do the latter two. They appear to be good solid work, but I don't think they are novel in the sense of Sam Harris' parametric amplifier. That was a radical departure from the conventional wisdom. What we see in the articles you mention is just good solid application of well understood circuit techniques. Nothing wrong with that of course. It is very good work. But it isn't a major breakthru.

What Sam did was on the level of Armstrong deliberately introducing positive feedback to a detector. There are few examples of that sort of thing in hardware design today. There is more of it in software design. That's to be expected given the relative maturity of the two disciplines, and the rapidly increasing capabilities of inexpensive digital hardware.

Five years ago most amateurs couldn't spell DSP. Today many of them use it as a routine part of their stations. That's revolutionary. And it is not a fad likely to quickly pass from the scene. We can do things with digital technique which are difficult or impossible to do with analog technique. That becomes especially apparent when we also adopt digital modulations and codings rather than just applying

the new techniques to old analog signal encodings. The use of strong FEC and powerful ARQ protocol techniques allow us to work at signal levels unheard of before digital encodings displaced analog encodings.

I agree that amateurs continue to advance the art on all fronts. But I think that the largest advances are happening on the software driven digital front rather than on the conventional analog signal hardware front. Like the switch from LP to CD, it is happening with astonishing rapidity. The day of the software driven (nearly) all digital radio is rapidly approaching.

Gary

--
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3041. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep14.050656.17171@ke4zv.atl.ga.us>
Source record: 216870
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <515bgo$rlh@lehi.kuentos.guam.net> pacrimgolf@kuentos.guam.net writes:
>I have a question. Or two. A what if. What if we all decide to open HF to hams
>with no code tests. Where do we put them ? Do we decide that HF is no longer
>subdivided into band plans by license class and just call HF 'HF period' ?

Since 82% of present licensees already have HF access of one sort or another, I don't think we need be overly concerned about another 18% coming on board. Certainly if we were to remove the unwarranted sub-bands currently imposed according to tested Morse speed, we'd relieve some of the congestion on what are now the General segments even with an 18% boost in total numbers. The Advanced and Extra exclusive segments would see more occupancy, but not more density than is already present on the General segments. It should also be remembered that not everyone authorized to use HF actually uses HF, so the impact could be less than it might first appear.

>Somewhere I keep seeing 'Support the No Code General'. Does that mean
>that no code proponents support giving the general phone bands to the
>no code licenses and leaving the rest of the band as is ? Do we allow no code
>licenses the use of the lower part of the bands, now used for CW and other
>digital modes ? Or do we keep them on SSB ?

That's what Len Winkler seems to be proposing. I don't find it an especially attractive option, but it basically leaves everything unchanged except for giving current General privileges to those who pass the written tests through Extra. That would mean voice and image on the current General voice and image sub-bands, and data on the currently available General data sub-bands. I've seen no mention of prohibition of these Generals using Morse if they see fit, merely the removal of a formal Morse test and replacing it with a defacto on air test, IE if they can do it, they can, if they can't, they won't. So it is possible, though somewhat unlikely, that some of them might choose to become CW operators. There would be no modification of the current Advanced and Extra sub-bands.

I find this plan undesirable because it doesn't remove these artificial sub-bands. I see no justification for different exam levels for operations on essentially identical spectrum, using essentially identical equipment, essentially identical power levels, and identical modes.

OTOH I like the idea of telescoping the exam into one level encompassing all the knowledge amateurs are expected to have. After all, if the knowledge is legitimately necessary to operate in one part of a HF band, it logically is also

necessary to operate in any other part of the band.

The by mode sub-bands are a separate issue. Winkler doesn't address this. While in an ideal world these by mode sub-bands shouldn't be necessary, in the real world we probably need to retain them in some form to prevent the inevitable turf wars which would otherwise erupt due to mixing of mode usage on the same spectrum.

As a personal matter, I'd like to grab some of that underutilized spectrum toward the top of the bands for higher speed data use, but I'm realistic enough to understand that wouldn't sit well with the current occupants. There will be increasing pressure on the analog segments, however, as digital usage grows over the next decade. Just as the CD pushed out the LP, it is inevitable that digital will push out analog on radio as well unless regulations artifically prevent it.

Gary
--
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3042. Re: Do we build? was(Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep14.084115.17877@ke4zv.atl.ga.us>
Source record: 216871
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew

In article <517q5o$oa2@sjx-ixn3.ix.netcom.com> brucetw@ix.netcom.com writes:
[big snip]
>Gary,
>I was a bit puzzled by the focus of the survey. Why cw vs. no-cw as
>THE pressing issue to bring before WARC? Are we satisfied with the
>concept of incentive licensing, as administered by VECs, with multiple
>choice question pools that very young children can memorize? Is IT a
>world-wide issue? As I recall, incentive licensing was supposed to
>promote proficiency by dangling exclusive band segments as a carrot.
>Well, technology has changed a bit in the last couple of decades. I
>was "proficient" by the FCC's determination in cw, and knowledge of
>am, ssb, and fm theory, but I'm certainly notproficient in digital
>modes. And the insides of my current fm rigs don't resemble the old
>Motorola 41v boatanchor I used to use on the .34 -.94 repeaters from
>here to California. I try to keep current, but the educational
>channels tell me I'm not growing any new neurons.

Gee, 41V? That must have been some vibrator. I had a 40D myself.

Ted, the reason the Morse testing issue is central is that it is
the only requirement spelled out in the international regulations,
IE "send correctly by hand and receive by ear texts in the International
Code". There is no required form for other testing. The regulations
simply say that each national administration shall determine if the
applicant is competent to operate an amateur radio station. The means
of such determination is left up to individual administrations. Thus
there is nothing else to address at the WRC about testing other than
the Morse issue.

Other testing issues, license class distinctions, if any,
bandplans, etc are matters for each national administration
to address. We needn't concern ourselves with these issues
at the WRC.

There are other relevant issues which will be discussed at
the WRC, however. Notably the strong third party traffic
prohibition will be on the table as well as the language
limiting the content of amateur transmissions to "in plain
language and shall be limited to messages of a technical
nature relating to tests and to remarks of a personal
character for which, by reason of their unimportance,
recourse to the public telecommunications service is
not justified."

Those limits are generally considerably stronger than we enforce domestically. The plain language restriction has become vexing because it appears to eliminate the possibility of digital signatures to verify identity. There is no mention whatsoever of amateurs' public service and emergency roles in the international regulations. Amateur radio is defined only as a service for private technical investigation and self-training in the radio arts. It would be useful if we could get language inserted recognizing our role in public service and emergency communications. That would make the service's justification of spectral claims stronger. To do so, however, the third party prohibition must be stricken, and the content rule liberalized.

>IF we need to make class distinctions among hams, I think interest in
>modes, bands, activities, etc. should be explored as a criterion for a
>way of spreading out the congestion on the air. How about 3 basic
>classes of licenses (novice, tech, advanced, or whatever) with
>endorsements for cw, packet, ssb, EME, ...? The commercial licensing
>system uses endorsements.

The problem with that system is how do you deal with new modes? Remember we are a service for technical investigation and self training. If we can't experiment with a new mode until we are tested on it, who will write the test? If the new mode is just a gleam in the experimenter's eye, how can a test already be prepared? We need to retain the maximum possible flexibility here since it cuts to the very heart of what amateur radio is supposed to be about.

>I'd hope that we would forever stay away from anything that smells of
>type-accepted appliance operating as a distinction from our unique
>privilege of homebrewing. Also, years of experience or "service"
>doesn't make much sense as a criterion, and not just from the
>neuron-depletion effect. Just because I've driven a car for 35 years,
>that doesn't say anything about whether I'm a capable, courteous and
>responsible driver.

The one thing that makes amateur radio a unique service is the permission (encouragement actually) for us to experiment, build, modify, and repair radio equipment. That is central to the purpose of amateur radio. It must not be lost, because if it is, we're no different from CB or any other personal radio service. Our self-training charter means we are to use amateur radio as a vehicle for lifelong learning. So time in grade *should* equate to more knowledge. We currently don't do anything to encourage that, and I'm not sure if we can. You know the old adage, "You can lead a horse to water, but you can't make him drink." We can offer the opportunity for lifelong learning, but there's no practical way to require it.

There is no test for courtesy or responsibility. That is something you have to demonstrate every day. We have only peer pressure, and the increasingly less likely threat of enforcement action, to maintain

order. The one thing we do have is an insistence on amateurs using their true names (their call signs) on the air. This is essential. If, as on CB, they can hide behind a handle, people behave as if they were masked and robed Klansmen, free to play out any antisocial fantasy they like with little fear that it will have reprecussions on their ordinary lives. This is the thing which forces amateurs to self-police, IE police themselves, in their behavior on the air. The certain knowledge that other people know who they really are makes them behave more respectably than if they could consider themselves part of an anonymous masked mob.

This is the one good thing about the compulsion amateurs have for collecting postal cards, and the anal need to keep logs. It serves to reinforce the need to have correct identification for every station worked. While it was a pain, the relaxing of the requirement to keep a log was probably a mistake, and the removal of the requirement to give both the call sign of the station with which you are talking as well as your own during IDs is also probably a mistake. If you want to point to one thing that has caused a deterioration in decorum on the amateur bands, this would be it.

>I am afraid that the League is focusing on the minutae, with the cw
>issue at the forefront. Yes, it has to be addressed, because it is an
>international treaty stipulation. I'd like to see more thought put
>into how we can continue to cope with the pressures of accelerated
>growth in numbers of licensees competing for bandwidth, and the
>attendant need for more commercializaton to "keep our numbers up".
>The '99 Conference will produce answers; it's supposed to. Since it
>is, however, a conference, I think we need to bring up some real
>questions.

As I mentioned, WRC99 is not the proper forum for those sorts of things. Those are issues we have to address on a national level, and more appropriately, internally within the service when possible. We do need to maintain a solid growth rate, not only to provide the political muscle we need to keep our allocations, but also to keep the service's demographics healthy. We cannot afford to allow the service to stagnate and grow increasingly grey as it did in the period between the imposition of Incentive (to pass faster code tests) Licensing and the creation of the code test free Tech.

We have experienced a 33% increase in the number of amateurs in the last 5 years. That has made some amateurs uncomfortable. I have very little sympathy for them. If they had not been so pig headed about Morse testing all those years from 1968 to 1991, amateur growth could have been a nice steady 6% a year over two decades, we'd be about 1 million strong today, and the service would have much healthier demographics than it has had. The code test free Tech has begun to turn things around. The average age of amateurs has declined by 6 years over the last 5 years, but

it is still too high at 52. It should be about 42. Amateur radio
still needs another dose of strong medicine to unclog the pipes
and put things right.

Gary
--
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3043. Re: U.S. Navy CW Call Signs

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: "Mark L. Bary" <MBary@nmaa.org>
Message-ID: <323AB505.7582@nmaa.org>
Source record: 216872

Mike,

There's a publication out that lists all the callsigns for ships, shore stations, etc., in the U.S. I can see it in my mind but can't come up with the title; it's about an 8.5" x 11" format paperback about 2" thick. EEB in Vienna has one or more on their book shelf. If I get down there today I'll send along the title. Otherwise, you might consider calling them on their order line and asking about it (703-938-3350).

Hope this helps.

73

Mark
N4EOC
Germantown, MD

3044. Computer Interface for TS-440

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: ki5mp@worldnet.att.net
Message-ID: <323ab383.6947090@netnews.worldnet.att.net>
Source record: 216873

Does anyone have the wiring information to construct a cable to connect a personal computer to the ACC-1 jack on the back panel of the Kenwood TS-440? I assume this cable would connect the transceiver to an available serial port on the PC. Any information would be appreciated.

Thanks,
Mike, KI5MP

3045. Re: U.S. Navy CW Call Signs

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: sscherme@capecod.net
Message-ID: <51ed5h$f9u@dublin.bitwise.net>
Source record: 216874

"Rick Miller" <rdmiller@execpc.com> wrote:

>I don't know which navy you're referring to, but...

>When I was in the US Navy, my job was to monitor and track foreign vessels.
>The Soviets CHANGED CALLSIGNS MONTHLY, ship and shore alike.
>I suspect that our navy may do the same, but since I was a "spook" (not a
>radioman)
>I never got much chance to listen to our own comms.

>Mikel Bowlin <mikelb@ix.netcom.com> wrote in article
><514es0$bup@dfw-ixnews7.ix.netcom.com>...
>> Does anyone have a source for this info ? Mike KF6FLQ
>>
When I was on board ship in 1945 and 1946, there were no changes in
U.S. Navy callsigns from time to time.
NHMB USS CORVUS - AKA-26
NHML USS WINSTON - AKA-94

Skid Schermerhorn http://www.capecod.net/~sscherme
Cape Cod, Massachusetts http://www.capecod.net/~sscherme/bookmark.htm
USA http://www.capecod.net/~sscherme/church.htm

3046. Re: ARRL and the little LEO grab

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: carl@ais.net
Message-ID: <51ee0j$6c4@news.ais.net>
Source record: 216875
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <5192af$on4$1@mhafc.production.compuserve.com>, Hans K0HB <71111.260@CompuServe.COM>
writes:
>
>little@pecan.enet.dec.com (Todd Little) writes:
>> What technical characteristics of 2m and 70cm make it ideal for
>> the LEO services? Given the relatively high sky noise of those
>> bands I'd have thought that microwave or above would be more
>> preferable.
>/
>
>They already own the spectrum adjacent to 2M. This would give
>them a contiguous block.
>

Good point Hans ... I failed to think of that one when I replied, but it
IS a VERY valuable attribute as well.

Carl - wa6vse
carl@ais.net

3047. How to test COAX?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: tyler@cyberia.com
Message-ID: <51eerf$2na@crash.microserve.net>
Source record: 216876

Is it safe to test a piece of coax by putting a dummy load on the end and a tx and swr meter on the other and checking the swr or is this a bad idea for my HTX-202? Of course this will only check the swr at 2 meters, but if there is anything seriously wrong with the coax, it will show up right? any help would be greatly appreciated. 73's tyler

3048. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <51egc9$gn4@lehi.kuentos.guam.net>
Source record: 216877
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

charles1@netcom.com (charles copeland) wrote:

>The booze must have worn off from your last "Carl" post.

I don't drink. I do drugs. Much more cost effective. And the police never arrest people for having an open prescription bottle in the car. As a matter of fact, if the U.S. were to ban alcohol, I would vote to ban CW in a second.

But thanks for another example of why we can't discuss ANYTHING rationally here.

>Simply put, substitute much more stringent technical written
>tests for code test. Thats all.

So we retain all the license classes we have now, the 'subbands' by license class, drop all the code tests, and punch up all the written tests, correct ? Is this THE master plan or just your version of it ?

Hafa Adai,
Jim KH2D

3049. Re: Festering Wound II

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <51egcc$gn4@lehi.kuentos.guam.net>
Source record: 216878

w9sz@prairienet.org (Zack Widup) wrote:

>I don't know why this text was sent uuencoded. For those afraid
>of the possibility of getting a virus, I took the chance.
>
>This is the text.
>
>He has a point. I just wish he'd used a spell-checker.
>
>Zack W9SZ

Zack, Thanks for converting that to English for us. He does have a good point. But he misses the point that the problem has been going on for years, and continues to go on because the participants realize there is no more enforcement branch of the Candy Company. They do what they do because they know they will get away with it.....

73, Jim KH2D

3050. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <51egci$gn4@lehi.kuentos.guam.net>
Source record: 216879
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

carl@ais.net wrote:

>Jim,

>I can't speak for everyone ... I've never purported to do that ...

>What *I* believe should happen is that no-code licensees should be
>allowed to demonstrate technical knowledge equivalent to whatever
>classes of license exist ... they should get the priveleges that go with
>their level of technical proficiency (up to and including extra class,
>if the existing classes are kept intact)... they would NOT be permitted
>to operate CW unless and until the proved proficiency in that mode
>(option ... allow novice class "learners" priveleges in the existing
>novice bands ???)

>A "no-code extra" would have the same privleges as any other extra of
>equal technical proficiency ... he just wouldn't be able to operate CW.
>He could operate SSB, FM, ATV, packet and the other digital modes for
>which he is qualified.

>Sounds simple enough to me ... how's it sound to you?

>Carl - wa6vse
>carl@ais.net

That sounds reasonable, but I can think of one problem right off the bat.
Somebody (the FCC database) is going to have to keep track of who is
a no-code whatever vs. a code whatever, which will almost double the
existing amount of license class. We already have three types of techs
now. Maybe it would be simpler to make the general class, with the existing
privleges, a no code ticket on HF ? I'm still not clear on what the WOG
thing is supposed to be. I am starting to think that part of the problem is
the fact that the pro-coders (me included) don't have a clear picture of
what of what anyone wants other than 'HF access'. Also, a no code extra
ticket might not sit well with someone who has an existing extra class
license. Contrary to popular belief, I got my extra class ticket for the reason
that I needed it to operate in this part of the world due to the differences
in band plans between the U.S. and other countries in Asia. I didn't get it
to make myself feel I was 'better' than anyone else.

Although I have seen some yelling about the incentive method, I really don't
see any problem with it. I don't think we should just 'drop' the code testing
and let everyone on the entire HF spectrum, I think the 'work a little harder,
get a little more' program should be left in place. But I don't have a problem
with general class on HF with no code, as long as they don't operate packet
on 14.002.....

After the advent of the program which allowed the new hams on 10 meter SSB, from 28.300 to 28.500, I honestly can say I noticed a difference in the SOP above 500 and below 500.

The 'old guys' vs. the 'new guys' isn't anything new. It was going on in the 70's when I started and probably long before that. It's part of the program. I think you would get a lot less resistance and possibly a few more converts if you made it clear that the no code HF proposal included a place for the old guys to go hide when they wanted to, and you wouldn't be 'giving away' all the privledges that some of the old guys feel that they have earned.

Before the 'HF ghetto' discussion starts, what I am trying to say is that some days I don't mind talking to Mr. Smith's fourth grade class on HF and telling the kids about Guam for an hour and then mailing them maps and QSL cards. But other days I just want to go work some DX, without any fourth graders calling CQ on top of the pileup. Everybody needs some time to get 'up to speed' and I think an exclusive place to do that is good idea.

Anyway, I might sign off on a no code general, if the senior citizens still had some place to go on their own. But then again, when I sober up in the morning and the drugs wear off, I might change my mind again.

Hafa Adai,
Jim KH2D

3051. Re: BULLETIN: 14 Year Old Sailor Not Heard in 3 Weeks

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <51efhs$dq5@sjx-ixn6.ix.netcom.com>
Source record: 216880
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc

In <tgmDxpB68.9BD@netcom.com> tgm@netcom.com (Thomas G. McWilliams)
writes:
>
>Ed Mitchell (vbook@vbook.com) wrote:
>: 14 year old Subaru Takahashi is making a solo crossing of the
Pacific Ocean
>: from Japan to the United States - in a 30 foot yacht. According to
Masa
>: Sakamoto, KN6RJ, Subaru, who's call sign is JH0YCG, has not been
heard since
>: August 18th.
>
>Most probably, Master Subaru sleeps with the fishes.
>Talking to a dead man on ham radio--now that would be some DX!
>But what a great QSL card . . .
>

Boy Tom you are some piece of work; the guys asks for help and this is
what you come up with. What ever happened to the amateur service
creedo. You know Sakamoto san's family could just easily read this,
talk about ugly Americans. You sir are an embarassment to the hobby.

3052. Re: Do we build? was(Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: carl@ais.net
Message-ID: <51efp2$6c4@news.ais.net>
Source record: 216881
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew

In <517q5o$oa2@sjx-ixn3.ix.netcom.com>, brucetw@ix.netcom.com writes:
>
>I was a bit puzzled by the focus of the survey. Why cw vs. no-cw as
>THE pressing issue to bring before WARC?

Because the lack of growth, particularly in terms of the number of technically-inclined folks who are turned off/away by the CW requirement is the biggest threat to the future of ham radio.

>Are we satisfied with the
>concept of incentive licensing, as administered by VECs, with multiple
>choice question pools that very young children can memorize? Is IT a
>world-wide issue? As I recall, incentive licensing was supposed to
>promote proficiency by dangling exclusive band segments as a carrot.

No, I'm not ... and I don't think many are ... all the current scheme "promotes" (forces) is an increasing proficiency in CW "skills."

>Well, technology has changed a bit in the last couple of decades.

Technology per se HAS changed ... unfortunately, for the most part, ham radio technology HAS NOT. We're still using (and insisting on, and being driven by outdated regulations to use) outdated technologies.

>
>IF we need to make class distinctions among hams, I think interest in
>modes, bands, activities, etc. should be explored as a criterion for a
>way of spreading out the congestion on the air.

"Spreading out the congestion on the air" is NOT a legitimate reason for balkanizing the ham community ... if there's congestion, we need to exploit modern, technical solutions to increase our efficiency of spectral use to eliminate/control it ... not politically hamstring our ability to improve, explore, and experiment with new techniques.

>How about 3 basic
>classes of licenses (novice, tech, advanced, or whatever) with
>endorsements for cw, packet, ssb, EME, ...? The commercial licensing
>system uses endorsements.
>

More balkanizing ... I agree with Gary's recent post AGAINST anything but ONE license class. If people want some sort of proficiency endorsement certificate (another form of "wallpaper") that would be something that the ARRL could provide ... just like DXCC and the myriad

of other ego-gratification certificates that they currently offer.

>I'd hope that we would forever stay away from anything that smells of
>type-accepted appliance operating as a distinction from our unique
>privilege of homebrewing.

Agreed ... this will simply raise the cost of commercially-produced equipment DRAMATICALLY and limit the experimenter's freedom to experiment. We have far too many regulations that encompass the latter already.

>Also, years of experience or "service"
>doesn't make much sense as a criterion, and not just from the
>neuron-depletion effect. Just because I've driven a car for 35 years,
>that doesn't say anything about whether I'm a capable, courteous and
>responsible driver.
>

Neither does a mandatory CW test serve as a "lid filter" ... that's painfully obvious by listening to the bands ...

>I am afraid that the League is focusing on the minutae, with the cw
>issue at the forefront. Yes, it has to be addressed, because it is an
>international treaty stipulation.

I agree with the second statement, but not the first ... the CW issue is NOT "minutae" (sic) ... it is THE most important issue we need to address for the future of ham radio.

>I'd like to see more thought put
>into how we can continue to cope with the pressures of accelerated
>growth in numbers of licensees competing for bandwidth, and the
>attendant need for more commercializaton to "keep our numbers up".

This a technical issue which demands technical solutions, NOT political ones ...

>The '99 Conference will produce answers; it's supposed to. Since it
>is, however, a conference, I think we need to bring up some real
>questions.
>

Carl - wa6vse
carl@ais.net

3053. WA State Patrol Wants to Approve all vehicle radios

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: kc7iay@ibm.net
Message-ID: <Dxq8vx.C0E@eskimo.com>
Source record: 216882

=-

The Washington State Patrol has proposed the adoption of a Washington Administrative Code regarding wireless communications systems used by motorists.

The proposed WAC: [new section]: "WAC 204-10-045 Wireless communications systems. Hands-free, wireless communication systems may be used by motorists while driving a motor vehicle. Listening devices that include an earpiece shall cover only one ear. Wireless communication systems must be approved by the Washington state patrol equipment review unit."

There will be a hearing held on October 9, 1996 at the General Administration Building at the State Patrol's Commercial Vehicle Division Conference Room, Ground Floor at 9am. Written comments should be sent to:

Carol I. Morton, Administrative Assistant
Equipment and Standards Review Unit
Box 42635
Olympia, WA 98504-2636
360-412-8934

-=-

Comment by Bruce Miller:

There are three distinct parts to this proposed WAC: 1. Hands-free wireless communication systems is approved. 2. Listening devices attached a wireless communication system. 3. Approval of wireless communication systems.

There are several aspects of this proposed WAC that bother me.

There is no definition of "communication system" in WAC 204 or in the RCW (Revised Code of Washington) that I could find that pertains to this WAC. This means the WAC would apply to receivers and transceivers.

Note that there is no qualifying adjective before "wireless communication system" to restrict it to hands-free or two-way; it covers ALL wirelss communication systems.

Consequently, this proposed WAC can be interpreted to include receivers and transceivers, giving the Washington State Patrol the sole authority to determine what type or brand of radio equipment you could use in your vehicle--be it for am/fm, ham, CB, commercial, or cell phone, paging.

-=-

Here is some background info on the Commission on Equipment from the Washington Administrative Code and from the Revised Code of Washington.

WAC 204-08-010 Definition.

>> CITESEARCH <<

20408010

Whenever used in this title "commission," "commission on equipment," and "state commission on equipment" means the chief of the Washington state patrol.

[Statutory Authority: RCW 46.37.005. 87-16-032 (Order 87-01-ESR), 204-08-010, filed 7/27/87; 78-08-078 (Order 7760), 204-08-010, filed 7/27/78; Rule I, filed 3/21/60.]

RCW 46.37.005 State patrol--Additional powers and duties.

>> CITESEARCH <<

4637005

In addition to those powers and duties elsewhere granted, the chief of the Washington state patrol shall have the power and the duty to adopt, apply, and enforce such reasonable rules and regulations (1) relating to proper types of vehicles or combinations thereof for hauling passengers, commodities, freight, and supplies, (2) relating to vehicle equipment, and (3) relating to the enforcement of the provisions of this title with regard to vehicle equipment, as may be deemed necessary for the public welfare and safety in addition to but not inconsistent with the provisions of this title. The chief of the Washington state patrol is authorized to adopt by regulation, federal standards relating to motor vehicles and vehicle equipment, issued pursuant to the National Traffic and Motor Vehicle Safety Act of 1966, or any amendment to said act, notwithstanding any provision in >> Title 46 << RCW inconsistent with such standards. Federal standards adopted pursuant to this section shall be applicable only to vehicles manufactured in a model year following the adoption of such standards.

[1987 c 330 706; 1985 c 165 1; 1982 c 106 1; 1967 ex.s. c 145 56; 1967 c 32 49; 1961 c 12 46.37.005. Prior: 1943 c 133 1; 1937 c 189 6; Rem. Supp. 1943 6360-6; 1927 c 309 14, part; RRS 6362-14, part. Formerly RCW 46.36.010.]

NOTES: Construction--Application of rules--Severability--1987 c 330: See notes following RCW >> 28B.12.050 <<. Severability--1967 ex.s. c 145: See RCW >> 47.98.043 <<. Towing operators, appointment of: RCW >> 46.55.115 <<.

3054. Re: Do we build? was(Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: carl@ais.net
Message-ID: <51egr4$6c4@news.ais.net>
Source record: 216883
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew

In <32383D5A.5E58@bga.com>, Chris Broadbent <cfb@bga.com> writes:
>(snipped the part about the tube CW tranmitter being built and how he's
> employed in the software/computer industry)
>
>This may single me out as arrogant or puritanical, but I do not consider wiring
>a module to a PSU as homebrew. Too much of the work has been done already.

I agree to an extent ... if it's all you say, it's simply "final assembly" and doesn't merit as much "credit" as "design-from-scratch" projects. We definitely need more of the latter, though there IS a lot of that going on ...

> If
>the entry point became nothing less than some digital rig, it'd be the end of
>real homebrew and we'd all become module pluggers and appliance users, without
>any real understanding of the foundations.

I don't understand why you assert this ... it's quite possible to start from scratch and design new and wonderful things quite digital ... you take a uP, some RAM/EPROM, some gates, PALs, etc. and build it up (wire-wrap or PCB) ... then you interface it to your PC and voila!

>We would encounter few of the real,
>physical difficulties. One could argue that the TX could still be developed
>and thence tied to the computer. But the price of the project would jump from
>a few tens of $'s to at least a few hundreds of $'s, with the complexity going
>up significantly - thus making the entry point much more expensive and more
>difficult.

Again, I find your argument unconvincing ... uPs are cheap ... I just eliminated over $30 in parts cost on a design I'm responsible for at work by ADDING two *two dollar* microcontrollers to replace some things that were originally designed in a rather backward fashion. (I "inherited" the poor design from a predecessor and was tasked with 1st making it work (which it didn't, now it does), then cost-reducing it (which I'm doing)).

>
>I recognise there are many occasions when using monolithic or integrated
>devices is mandatory. However, I think it is a poor starting point as no gut
>feel for the device's operation is aquired (IMO, of course). If you do have a
>gut feel for the underlying science, then I maintain you'll make much better
>use of the integrated devices.
>

Try building a UHF radio with some of the highly-integrated GaAs or silicon MIMIC "building blocks" that are available today, then tell me that ... if you don't have a "gut feel" for the underlying science, you'll develop/learn it fast, or you'll never get them to work.

Carl - wa6vse
carl@ais.net

3055. Re: Do we build? was(Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: carl@ais.net
Message-ID: <51eh5d$6c4@news.ais.net>
Source record: 216884

In <519sk3$5v9@anomaly.ideamation.com>, kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:
>In article <32383D5A.5E58@bga.com>, Chris Broadbent <cfb@bga.com> wrote:
>
>> BTW, my profession involves the development of
>>device drivers & microcontrollers and work on new CPU designs.
>
>Sorry, you must be lieing. According to Carl-The-Omniscent, the CW
>examination scares away the technical elite. The fact that you enjoy
>CW means that you absolutely, positively CANNOT be an engineer. If you
>were, you wouldn't like CW, and you'd think amateur radio consists of
>a "bunch of geeks who know less about RF than you've forgotten".
>
>MD

Mike,

You're twisting things again ... I never said that nobody who is technically inclined or proficient enjoys CW ... I simply said that there were many, many who don't find it interesting or appealing in the least ... in fact, they find it backward ... and that because of that, they don't get into ham radio.

Carl - wa6vse
carl@ais.net

3056. Re: Open Letter To Carl WA6VSE

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <51ehgf$gqc@lehi.kuentos.guam.net>
Source record: 216885
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

rice@ttd.teradyne.com (John Rice) wrote:

>In article <charles1DxLA9I.HAF@netcom.com>, charles1@netcom.com (charles copeland)
writes:
>> In article <515beo$rlh@lehi.kuentos.guam.net>,
>> Jim Kehler <pacrimgolf@kuentos.guam.net> wrote:
>>>
>>>I am writing this letter because I take issue with of Carl WA6VSE's claims.
>> [delete]
>>>In essence his claims are pure tripe. I myself find his opinions evil, heinous,
>>
>> [massive delete]
>>
>> Boy, talk about pure flame bait. Jim must not have anything better to do.

>Hey, if you were stuck on an island in the middle of the pacific, you'd
>take your entertainment where you found it, too :-).
>(The cheaper the better) <GRIN> Been there, done that.

No, no, John. Not stuck here. Happy to be here. But you're right, why
pass up cheap fun ??

73, Jim KH2D

3057. Re: Do we build? was(Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: carl@ais.net
Message-ID: <51ehds$6c4@news.ais.net>
Source record: 216886
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew

In <51cav3$5vu@news.coos.or.us>, Garrie Jantzen <garriej@marshfield.coosbay.k12.or.us> writes:
>As long as CW is *allowed* (!) won't there always be other folks like
>yourself -- interested in homebrew CW? I mean, people spend beaucoup
>bucks to fly in balloons still! And ticket prices on steam railroads keep
>going up. There will always be an England and, whatever the FCC decides,
>I think there will always be CW
>

Garrie,

Thanks for making that point again ... it's something the pro-CW folks choose to ignore.

I have NEVER, EVER, in over ten years of debating this issue, seen a no-code advocate actually advocate the *banning* of CW from the bands. Not once. (of course, now that I've said that, one of the pro-coders will probably start up a phony "ban the code" thread in an effort to taint the discussion with a bunch of bogus anti-no-code distortions).

Carl - wa6vse
carl@ais.net

3058. Re: Keep CW Requirement?...on radio show!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: carl@ais.net
Message-ID: <51ei4o$6c4@news.ais.net>
Source record: 216887

In <519eoo$kfn@mgate.arrl.org>, Ed Hare <ehare@arrl.org> writes:
>>>DON AC6TG wrote:
>>>It is my own opinion that a No Code Tech is not qualified to speak on >>this subject.
>>>
>>>Don AC6TG
> Carl - WA6VSE wrote:
>>For the 1000th time ... read my lips ... I AM NOT A NO-CODE TECH!!!!!!
>>I've been licensed continuously sing 1975 ... long before no-code.
>
>>Carl - wa6vse
>>carl@ais.net
>
>Carl,
>
>I suspect that he was possibly referring to the fact that you are clearly
>a technical type who is a proponent of having no code requirement for HF
>operation. Perhaps it was a play on words for which he forgot the
>smiley.
>
>On the other hand, he may have figured out what button makes you fume and
>just wanted to watch the show. :-)
>

Ed,

Actually, I could care less what he thinks of me ... however, I do despise and resent the mentality, held by so many "holier-than-thou CW ops" that says "no-code techs are ignorant and unworthy of having or expressing opionions."

That is patently false ... there are MANY no-code techs who are good operators and technical professionals ... there are also, a LOT of "Amateur Extra Class" hams with big egos who don't know squat about how their radio works, how to tell if there's something wrong with it, how to fix it if there is womething wrong with it, etc. ... right down to the ones who don't even know Ohm's Law.

From my point of view, the knowledgable, courteous no-code tech's opinion is of FAR more value than those of the ignorant, ill-mannered 20wpm+CW lids who jam and curse on 14.3xx and other places throughout the HF bands.

What's your opinion on this, Ed? (others, please chime in, too)

Carl - wa6vse
carl@ais.net

3059. Re: BULLETIN: 14 Year Old Sailor Not Heard in 3 Weeks

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: dnorris@k7no.com
Message-ID: <323abed1.36696011@news.syspac.com>
Source record: 216888
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc

tgm@netcom.com (Thomas G. McWilliams) wrote:

>Ed Mitchell (vbook@vbook.com) wrote:
>: 14 year old Subaru Takahashi is making a solo crossing of the Pacific Ocean
>: from Japan to the United States - in a 30 foot yacht. According to Masa
>: Sakamoto, KN6RJ, Subaru, who's call sign is JH0YCG, has not been heard since
>: August 18th.
>
>Most probably, Master Subaru sleeps with the fishes.
>Talking to a dead man on ham radio--now that would be some DX!
>But what a great QSL card . . .
>

Well, he sailed into SF Bay Friday in good health and great spirits.

Congrats to him.

3060. Re: BULLETIN: 14 Year Old Sailor Not Heard in 3 Weeks

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: cpierce@usit.net
Message-ID: <cpierce-1409961034210001@col-max29.usit.net>
Source record: 216889
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc

In article <51efhs$dq5@sjx-ixn6.ix.netcom.com>,
kc5egg@ix.netcom.com(Gerald Schmitt) wrote:

> In <tgmDxpB68.9BD@netcom.com> tgm@netcom.com (Thomas G. McWilliams)
> writes:
> >
> >Ed Mitchell (vbook@vbook.com) wrote:
> >: 14 year old Subaru Takahashi is making a solo crossing of the
> Pacific Ocean
> >: from Japan to the United States - in a 30 foot yacht. According to
> Masa
> >: Sakamoto, KN6RJ, Subaru, who's call sign is JH0YCG, has not been
> heard since
> >: August 18th.
> >
> >Most probably, Master Subaru sleeps with the fishes.
> >Talking to a dead man on ham radio--now that would be some DX!
> >But what a great QSL card . . .
> >
>
> Boy Tom you are some piece of work; the guys asks for help and this is
> what you come up with. What ever happened to the amateur service
> creedo. You know Sakamoto san's family could just easily read this,
> talk about ugly Americans. You sir are an embarassment to the hobby.
>
>

AMEN

3061. Re: BULLETIN: 14 Year Old Sailor Not Heard in 3 Weeks

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: mulveyr@ll.aa2ys.ampr.org
Message-ID: <slrn53ljvf.l0o.mulveyr@ll.aa2ys.ampr.org>
Source record: 216890
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc

On 14 Sep 1996 14:30:20 GMT, Gerald Schmitt <kc5egg@ix.netcom.com> wrote:
>In <tgmDxpB68.9BD@netcom.com> tgm@netcom.com (Thomas G. McWilliams)
>writes:
>>
>>Ed Mitchell (vbook@vbook.com) wrote:
>>: 14 year old Subaru Takahashi is making a solo crossing of the
>Pacific Ocean
>>: from Japan to the United States - in a 30 foot yacht. According to
>Masa
>>: Sakamoto, KN6RJ, Subaru, who's call sign is JH0YCG, has not been
>heard since
>>: August 18th.
>>
>>Most probably, Master Subaru sleeps with the fishes.
>>Talking to a dead man on ham radio--now that would be some DX!
>>But what a great QSL card . . .
>>
>
>Boy Tom you are some piece of work; the guys asks for help and this is
>what you come up with. What ever happened to the amateur service
>creedo. You know Sakamoto san's family could just easily read this,
>talk about ugly Americans. You sir are an embarassment to the hobby.
>

It just goes to show that you can't escape from the morons, anywhere
you go.

On a more pleasant note, Takahasi arrived in SF bay yesterday afternoon.

--
My mailer has the unfortunate tendency to bounce 10,000 copies of any
junk mail I receive back to the sender. Be warned.

3062. Re: Little LEO again (was Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: carl@ais.net
Message-ID: <51ej55$6c4@news.ais.net>
Source record: 216891
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <51aqvc$k83@abyss.West.Sun.COM>, myers@West.Sun.COM (Dana Myers) writes:
>
>I don't see this as just a disagreement - I see this as an abuse
>of e-mail by the ARRL, something I hope they're not encouraged to
>continue in the future.
>

Dana,

I have to disagree with you on this one ...

In Washington, "the squeaky wheel gets greased" ... if we don't voice our opposition, we'll lose. We HAD to file comments with the committee. I see no difference in sending 1000 protest letters/comments via e-mail vs via snail mail.

The committee members have an obligation to consider ALL the viewpoints presented by the public on issues such as this. Whether they come in via e-mail or snail mail is irrelevant.

I see NO "foul" in sending the coments via e-mail.

It's not a question of "net manners" ... it's a question of participation in the regulatory process. Even "netizens" have the right to participate and be heard.

The committee should receive, handle, and consider ALL comments, both written and electronic, and I see no legitimate basis for complaining that electronically-filed comments are somehow inappropriate or "a burden" ...

Carl - wa6vse
carl@ais.net

3063. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: carl@ais.net
Message-ID: <51ejhn$6c4@news.ais.net>
Source record: 216892
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <32379175.2781E494@unix.ka9q.ampr.org>, Phil Karn <karn@unix.ka9q.ampr.org> writes:
>
>Way back in 1959 (when I was only 3 years old) John P Costas, K2EN,
>wrote a seminal paper "Poission, Shannon and the Radio Amateur"
>in which argued strongly against narrowband channelization and
>made a strong case that the amateur service was a prime
>candidate for what we now call "spread spectrum" methods. He showed
>significant gains even from crude analog "SS-like" techniques;
>given the modern digital technologies now available to us, his case
>is even stronger now.
>
>Phil

Phil,

If it's not too much trouble, could you please send me a copy of that
paper? (a MIME attachment to an e-mail would be great)

73,
Carl - wa6vse
carl@ais.net

3064. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: carl@ais.net
Message-ID: <51ek4i$6c4@news.ais.net>
Source record: 216893

In <518rah$hap@play.cs.columbia.edu>, jbaltz@news.cs.columbia.edu (Jerry B. Altzman) writes:
>In article <5184ae$eu5@news.ais.net>, <carl@ais.net> wrote:
>>if the existing classes are kept intact)... they would NOT be permitted
>>to operate CW unless and until the proved proficiency in that mode
>>(option ... allow novice class "learners" priveleges in the existing
>>novice bands ???)
>
>You mean you'd take the privilege of operating CW *away* from code-test
>free licensees?
>

It would, IMHO, be a *perfectly* acceptable trade-off if it were necessary to counter the argument from the pro-coders that no-code licensees were not "qualified" to operate CW ... this would actually be counter to one of the objectives of the pro-coders (to maintain the use of an antiquated technology that they enjoy using) ... the no-coders would, by and large, not care a bit abot being precluded from using something that they don't want to use anyway ... my proposal is an attempt to pander to their lack of objectivity on the subject :-)

The thing that will stop the pro-coders from accepting this proposal is that the no-coders would NOT be prohibited from using digital modes in "their CW sub-bands" ... which are, in fact, not "their CW sub-bands" at all, but more accurately the "everyone's non-SSB sub-bands".

I even threw in the idea of a 25kHz "CW only" sub-band at the bottom of the bands to "sweeten the pot".

Carl - wa6vse
carl@ais.net

3065. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: carl@ais.net
Message-ID: <51ek6h$6c4@news.ais.net>
Source record: 216894
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <1996Sep12.133148.1@ttd.teradyne.com>, rice@ttd.teradyne.com (John Rice) writes:
>In article <charles1DxLAJE.Hsn@netcom.com>, charles1@netcom.com (charles copeland)
writes:
>> In article <515bgo$rlh@lehi.kuentos.guam.net>,
>> Jim Kehler <pacrimgolf@kuentos.guam.net> wrote:
>>>
>>>
>>>I know you guys want a no code HF license. But I don't know exactly
>>>what you expect to get when or if you get one. I have seen a lot of
>>>'logic' from the Carl Clan supporting the 'plan', but I haven't seen
>>>much about what 'the plan' is. That's why I am asking.
>>
>> Simply put, substitute much more stringent technical written
>> tests for code test. Thats all.
>
>I'll buy that. Let's go back to the days where you had to draw
>schematics and do 'real math'. No more 'memorize the test'. I'd go for
>that...
>

Me, too! NO PROBLEM!

Carl - wa6vse
carl@ais.net

3066. Re: re who enjoys cw

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: carl@ais.net
Message-ID: <51elqo$6c4@news.ais.net>
Source record: 216895

In <517o3t$m58@unet.net.com>, larson@net.com (Alan Larson) writes:
>In article <5155b2$nf1@news.ais.net> carl@ais.net writes:
>
>>Seriously, despite your sadly mistaken views, CW is NOT "king under
>>those conditions" ... digital is, plain and simple. No contest. No
>>question. If you don't believe the technical facts, you're not a "bad
>>person", you've simply chosen to ignore reality.
>
>
> No, Carl. Digital is NOT king under those conditions.
>
> If digital were so wonderful, it would be in use for some of the
>simple weak signal modes. However, it is *not* in use for moonbounce.
>

How would you know? You wouldn't recognize it (or hear it for that matter). Actually, spread spectrum would be an ideal mode for moonbounce ... spread your signal over the entire 70cm band, transmit low rate data and take advantage of something on the order of 40-50dB of processing gain ... could knock the hell out of the amplifier and antenna requirements ... "libration fading" ??? WHAT libration fading?

> Digital is not in use for aurora.
>

Again, sez you ... no reason not to ...

> Not only are most of the popular digital modes quite a bit below
>the performance of the best digital modes, but the digital mode
>equipment is not well suited to emergency operation.
>

Sez you ... actually, packet has been carrying a tremendous share of the volume of emergency traffic related to brush fires, earthquakes, etc. in Southern California (where I used to live) for years ... the remainder is virtually all FM ... CW does diddly-squat ...

>
> While it is possible to construct a computer/digital station using a
>laptop computer and portable interfaces, the simple truth is that
>computer stations are generally quite a bit more complex than their
>non-computer counterparts.
>

So what?

>
>When I can pack the 'digital' station in the same space and
>weight as a small CW station, operating off of small batteries
>for extended periods of time, and for the same COST, then you
>may begin to have a claim. Until then, we are comparing amateur
>with military budgets.

More pro-CW fantasy malarkey ... OK, so I can build a one-transistor CW transmitter the size of a postage stamp ... SO WHAT? ... I can build a complete digital station that's sufficiently portable and provides much more convenient, reliable communications.

If I were interested in nostalgia, I'd be interested in CW ... I'm not, I'm interested in efficient, effective communications.

Carl - wa6vse
carl@ais.net

3067. Re: Who actually ENJOYS CW and could care less abo

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: carl@ais.net
Message-ID: <51emlf$6c4@news.ais.net>
Source record: 216896

In <51ablc$eoo@dublin.bitwise.net>, Gareth Crispell <stranger@ccsnet.com> writes:
>
>I must be missing something!? What in God's name is this "Loyal Order of
>CW Olde Fartz"???? Is it one of the countless DX nets that spring eternal
>on 20???

By George, I think he's got it!

Carl - wa6vse
carl@ais.net

3068. Novice-Tech Classes Lindenhurst, LI

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: Tom Carrubba <tomcar@li.net>
Message-ID: <01bba25f$18b182e0$a14aadc7@tomcar.li.net>
Source record: 216897

Nov/Tech Classes -Lindenhurst

Subject: Great South Bay Amateur Radio Club Amateur Radio Classes

NOVICE / TECH CLASSES - 2 hours theory & 1/2 hr. code

The Great South Bay ARC has scheduled Novice/Tech classes beginning
on Wenesday September 11, 1996. Classes start at 7:30 PM and
will continue to 9:30 PM every Wednesday for approximately 14 weeks.

All students must have the new version (Blue Cover) of the
publication "Now Your Talking..." which is available at a local
Radio Shack or from the ARRL, 225 Main St., Newington CT 06111.

ADDITIONAL INFORMATION

All classes are located in the basement of Babylon Town Hall,
200 E. Sunrise HWY, Lindenhurst NY in the Emergency Operations Center
(ARES/RACES Room), access is gained via the door at the bottom of the
stairs at the rear of Town Hall.

If you are interested in attending a class or you know someone who is,
have them contact Tom N2MIG 957-9585 for further information or just
come on down to class. The class instructors are Walter KA2RGI and
Dave N2UHR.

Information is also available during the GSBARC 2 meter info net every
Monday evening at 7:00 pm on the WB2FKZ repeater, 146.685 -600 4Z(136.5)
PL required. You may also write to:

GSBARC
P.O. Box 1356
West Babylon, NY 11704

73,
Tom Carrubba, KA2DFO
President, GSBARC
ka2dfo@kc2fd.ny.usa
ka2dfo@li.net

3069. Re: Do we build? was(Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: flanders@groupz.net
Message-ID: <51erah$j28@news1.sunbelt.net>
Source record: 216898
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew

carl@ais.net wrote:

>In <51cav3$5vu@news.coos.or.us>, Garrie Jantzen <garriej@marshfield.coosbay.k12.or.us>
writes:
>>As long as CW is *allowed* (!) won't there always be other folks like
>>yourself -- interested in homebrew CW? I mean, people spend beaucoup
>>bucks to fly in balloons still! And ticket prices on steam railroads keep
>>going up. There will always be an England and, whatever the FCC decides,
>>I think there will always be CW
>>

>Garrie,

>Thanks for making that point again ... it's something the pro-CW folks
>choose to ignore.

>I have NEVER, EVER, in over ten years of debating this issue, seen a
>no-code advocate actually advocate the *banning* of CW from the bands.
>Not once. (of course, now that I've said that, one of the pro-coders
>will probably start up a phony "ban the code" thread in an effort to
>taint the discussion with a bunch of bogus anti-no-code distortions).

>Carl - wa6vse
>carl@ais.net
==========
BUT - those sections of the band reserved for non-phone uses shrink as
more and more phone operators crowd the remainder. In the '50's, 75
meters was only 200 kHz, and there was no phone on 40 at all!

I suspect that in 20-30 years, there will be no parts of the band
reserved for non-phone usage. It will all then be by "gentlemens
agreement".

Jerry W4UKU flanders@groupz.net

3070. Re: BULLETIN: 14 Year Old Sailor Not Heard in 3 Weeks

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: emtp4355@aol.com
Message-ID: <51esjq$mje@newsbf02.news.aol.com>
Source record: 216899

In article <323abed1.36696011@news.syspac.com>, dnorris@k7no.com (Ohrstal Fembrock) writes:

>Well, he sailed into SF Bay Friday in good health and great spirits.
>
>Congrats to him.

Why the lose of communications? (just interested) Glade to here he is alright.

Joseph K. Murphy, EMT-P
KF4KEK
emtp4355@aol.com

It's a free country (USA) and I have my own ideas on every thing whether you agree or not

3071. RF "Hazards -- The Milham Study

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: "Leland S. Van Koten" <vankoten@ix.netcom.com>
Message-ID: <51es3b$74o@dfw-ixnews3.ix.netcom.com>
Source record: 216900

Several postings on this Newsgroup have referenced an article authored by Milham and published in the American Journal of Epidemiology in 1988, which reported an excess of acute leukemia and lymphatic cancer among amateur radio licensees. I got a copy of the article from a local medical school library this week, and it's difficult for me to believe that anyone would regard it as reasonable evidence that RF exposure poses any cancer risk.

While there was an excess of lymphatic cancers and acute leukemia, there were significantly LESS (1) total deaths, (2) total cancer deaths, (3) deaths from cardiorespiratory disease, and (4) accidental deaths, than would be expected in a group of similar age.

Milham suggested that the reduction in overall mortality, overall cancer mortality, and cardiorespiratory mortality might be explained if hams were less likely to be cigarette smokers than the typical male of the same age. That obviously wouldn't explain the striking reduction in accidental deaths, however, and Milham didn't even attempt to provide an explanation.

It seemed to me that if you could understand the reasons for the reduction in accidental deaths (especially among a group noted for doing things like climbing towers), you might have a clue as to the reasons for the excess leukemia and lymphatic cancers.

Guess what? Although the death rate from most causes of death (including accidents, most cancers, and cardiorespiratory disease) tends to be higher among lower income people, at least two kinds of cancer -- acute leukemia and lymphoma -- are for some reason actually more common among people of higher socioeconomic status. (I'll be happy to provide citations to anyone who is interested.)

I suspect that all Milham's study REALLY proved is that the average ham has a somewhat higher income than the average person of the same age -- which would hardly be surprising to anyone who has ever priced amateur radio equipment.

Lee, KE3FB

3072. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <51eper$ecs@abyss.West.Sun.COM>
Source record: 216901
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

```
In article <51ek6h$6c4@news.ais.net>, <carl@ais.net> wrote:
>In <1996Sep12.133148.1@ttd.teradyne.com>, rice@ttd.teradyne.com (John Rice) writes:
>>In article <charles1DxLAJE.Hsn@netcom.com>, charles1@netcom.com (charles copeland)
writes:
>>> In article <515bgo$rlh@lehi.kuentos.guam.net>,
>>> Jim Kehler <pacrimgolf@kuentos.guam.net> wrote:
>>>>
>>>>
>>>>I know you guys want a no code HF license. But I don't know exactly
>>>>what you expect to get when or if you get one. I have seen a lot of
>>>>'logic' from the Carl Clan supporting the 'plan', but I haven't seen
>>>>much about what 'the plan' is. That's why I am asking.
>>>
>>> Simply put, substitute much more stringent technical written
>>> tests for code test. Thats all.
>>
>>I'll buy that. Let's go back to the days where you had to draw
>>schematics and do 'real math'. No more 'memorize the test'. I'd go for
^^^^^^^^^
>>that...
>>
>
>Me, too! NO PROBLEM!

Actually, I think the tests should include complex math, too.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *
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3073. Re: Little LEO again (was Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: little@pecan.enet.dec.com
Message-ID: <51etps$j04@usenet.pa.dec.com>
Source record: 216902
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <51ej55$6c4@news.ais.net>
carl@ais.net wrote:

> In <51aqvc$k83@abyss.West.Sun.COM>, myers@West.Sun.COM (Dana Myers) writes:
>>
>>I don't see this as just a disagreement - I see this as an abuse
>>of e-mail by the ARRL, something I hope they're not encouraged to
>>continue in the future.
>>
>
> Dana,
>
> I have to disagree with you on this one ...
>
> In Washington, "the squeaky wheel gets greased" ... if we don't voice
> our opposition, we'll lose. We HAD to file comments with the committee.
> I see no difference in sending 1000 protest letters/comments via e-mail
> vs via snail mail.

The squeaky wheel gets greased when applied to elected officials.
I don't believe any of the committee that had their e-mail addresses
mail bombed were elected. To an appointee or civil servant, abuse
is simply an excuse to rake the abuser over the coals in retalliation.

> The committee should receive, handle, and consider ALL comments, both
> written and electronic, and I see no legitimate basis for complaining
> that electronically-filed comments are somehow inappropriate or "a
> burden" ...

Most politicians can recognize a form letter when they see one. They
realize that it rarely means a strong opinion as someone is simply
following the directions of others instead of taking their own
initiative. What the ARRL did smacks of a form letter. How different
do you think the respondants were? Plus the committee members
certainly knew that the ARRL had advocated writing. I believe
the ARRL screwed up on this one and hope it doesn't hurt us in
the decision making process.

73,
Todd
N9MWB

3074. Gulf Coast Ham Convention Houston Tx area

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: Bob Biekert <biekert@phoenix.net>
Message-ID: <01bba26b$6a2c2920$4f79f1cd@Bob.phoenix.net>
Source record: 216903

The Gulf Coast Ham Convention will be held in Humble Texas (north of
Houston) Oct 11/12/13.
Check out the www page for events and seminars. Also a pre-registration
form.
http://www.clarc.org/~gchc
73
Bob

--
Bob KA5GLX
http://www.clarc.org Clear Lake ARC
http://www.clarc.org/~gchc Gulf Coast Ham Convention
http://www.clarc.org/ATV CLARC ATV SIG

3075. Re: Do we build? was(Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <51erf1$ffg@anomaly.ideamation.com>
Source record: 216904
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew

In article <51efp2$6c4@news.ais.net>, <carl@ais.net> wrote:

>Because the lack of growth, particularly in terms of the number of
>technically-inclined folks who are turned off/away by the CW requirement
>is the biggest threat to the future of ham radio.

There is no evidence to support this claim.

Do you have any evidence that shows the number of technically-inclined people getting involved in amateur radio has decreased? Then, do you have any evidence that has regressed out >all other factors<, such as the fact that people have less and less spare time for hobbies and leisure activities?

>Technology per se HAS changed ... unfortunately, for the most part, ham
>radio technology HAS NOT. We're still using (and insisting on, and
>being driven by outdated regulations to use) outdated technologies.

Poor us. We're not a consumer, mass-market-driven radio service. I'm sure Carl's employers are really disappointed they can't sell some hams on the latest wizz-bang radio setup.

>"Spreading out the congestion on the air" is NOT a legitimate reason for
>balkanizing the ham community ... if there's congestion, we need to
>exploit modern, technical solutions to increase our efficiency of
>spectral use to eliminate/control it ... not politically hamstring our
>ability to improve, explore, and experiment with new techniques.

Translated: buy our latest wizzz-bang techno-gadget.

>something that the ARRL could provide ... just like DXCC and the myriad
>of other ego-gratification certificates that they currently offer.

This, coming from the man who sez that amateurs are a "bunch of geeks that know less RF theory than I've forgotten on a single day."

>Neither does a mandatory CW test serve as a "lid filter" ... that's
>painfully obvious by listening to the bands ...

No filter is perfect. However, all I have to do is listen to 27mhz to know that the "CW filter" is working quite well, thank you.

>This a technical issue which demands technical solutions, NOT political
>ones ...

Problems within amateur radio are reflective of other societal problems,
and require societal solutions, not Mr. Gadget.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

3076. ANARTS RTTY News Bulletin 925 8 SEPTEMBER 1996

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: dave@eram.esi.com.au
Message-ID: <51cpcm$lrt@eram.esi.com.au>
Source record: 217001
Cross-posted to: aus.radio.amateur.misc,rec.radio.amateur.misc,rec.radio.info

[ANARTS - Australian National Amateur Radio Teletype Society]

ANARTS News Bulletin 925 8 SEPTEMBER 1996

This is the Australian National Amateur Radio Teleprinter Society,
with our weekly RTTY broadcast. We transmit the cast each week on
the following frequencies and times :

3.545 MHz (Plus/minus 5) 0930 UTC VK2CTD (COL)
7.045 MHz -3 0030 UTC VK2CTD (COL)
14.070 MHz (amtor/fec) 0030 UTC VK2DPM (ALAN)
14.091 MHz 0030 UTC
146.675 MHz 0030/0930 UTC VK2JPA (PAT)
144.850 MHz (ax25 bbs) VK2JPA AT VK2WI
146.675 MHz (rtty mmbbs/repeater) VK2RTY

INTERNET RADIO-INFO-DIST AT UCSD.EDU

Enquiries to the society should be addressed to the Secretary
A.N.A.R.T.S., PO Box 860, Crows Nest, N.S.W. 2065.

A.N.A.R.T.S. News Bulletin 925 8 SEPTEMBER 1996

COLS COLUMN

SOME TIME AGO ANARTS WAS GIVEN A FLOPPY DISC BY FRANK VK2FJL.
IT CONTAINED COMIC STORIES THAT HE HAD COLLECTED ON RTTY. I
CANNOT FIND MANY OF THE STORIES THAT RELATE TO RTTY OR EVEN
AMATEUR RADIO, BUT I THOUGHT YOU MIGHT LIKE TO READ THIS ONE
ABOUT A DXER.....OVER TO FRANK.

BE WARNED...IT COULD HAPPEN TO YOU...

A CONFIRMED LIFELONG DX FANATIC, HAVING SADLY DEPARTED THIS
LIFE FINDS HIMSELF IN HADES BEING INTERVIEWED BY THE DEVIL.
OPENING THE CONVERSATION, SATIN SAID 'PEOPLE ON EARTH LIKE
TO BELIEVE THAT THIS IS A TERRIBLE PLACE, BUT THAT REALLY
ISN'T SO. HERE YOU CAN HAVE ANYTHING YOU LIKE - GIRLS, GROG,
SPORTS CARS ANYTHING AT ALL, SO WHAT IS YOUR WISH?'

THE DX'ER WAS ASTOUNDED, BUT QUICKLY REGAINED HIS
EQUILIBRIUM. 'WELL,' HE MUSED, 'MY ONLY REAL INTEREST FOR MOST
OF MY LIFE HAS BEEN WORKING DX ON AMATEUR RADIO. THE THING I
ALWAYS WANTED AND COULD NEVER AFFORD WAS A 300 FOOT TOWER,
COMPLETE WITH A PERFECTLY MATCHED HIGH GAIN BEAMS TO COVER
ALL BANDS. THE BEAMS WOULD BE FED WITH ZERO LOSS COAXIAL

CABLE THROUGH THE PERFECT COAX SWITCH BUT I DON'T SUPPOSE
THAT WOULD BE POSSIBLE, EVEN HERE?'

SATAN GAVE A LITTLE SMILE, AND SAID 'NO WORRIES O.M HERE
NEARLY ALL THINGS ARE POSSIBLE, WE'LL FIX THAT IN A FLASH.'
WHICH HE DID. PUFF OF SMOKE, AND THERE STOOD THE DXER'S
DREAM COMPLETE TO THE LAST DETAIL, EVEN INCLUDING THE
ROTATOR HE'D FORGOTTEN TO ASK FOR. COMPLETELY
FLABBERGASTED, HE STARTED TO STAMMER HIS GRATITUDE BUT SATAN
CUT HIM SHORT. 'LOOK MATE', SAID SATAN 'THAT WHOPPING GREAT
TOWER IS NO GOOD TO YOU WITHOUT SOME GEAR TO GO WITH IT, WHAT
WOULD YOU LIKE, NAME IT AND IT'S YOURS'

AFTER HE HAD REGAINED HIS COMPOSURE OUR DXER THOUGHT ABOUT
ALL THE ARTICLES AND REVIEWS THAT HE HAD READ, AND PROCEEDED
TO NAME EVERY PIECE OF GEAR THAT HE HAD DROOLED OVER. WHEN THE
LIST HAD REACHED IT'S END, SATAN SMILED AND SAID
'NO PROBLEMS THERE, WE'LL FIX THAT IN A FLASH'.

PUFF OF SMOKE, AND EVERY SINGLE PIECE OF GEAR ON THE
LIST APPEARED AND EACH PIECE ABSOLUTELY BRAND NEW, NOT ONLY
THAT EACH PIECE OF EQUIPMENT WAS MOUNTED INTO THE MOST
BEAUTIFUL OPERATING CONSOLE EVER SEEN.

'THOUGHT THAT YOU WOULD LIKE THE JOB DONE PROPERLY' SAID
SATAN. THE DXER WAS AMAZED AT THE DEVIL'S HANDIWORK, AND
AFTER EXPRESSING HIS THANKS SAID 'CRIKEY, I CAN'T WAIT TO GET
ON AIR AND TELL THE FELLA'S BACK THERE HOW GOOD HADES REALLY
IS. BUT TELL ME SATAN WHAT IS THAT DIRTY GREAT CABLE HANGING
OUT THE BACK OF THE CONSOLE.'

AH, THATS THE POWER SUPPLY CABLE FOR ALL THE EQUIPMENT.'
REPLIED THE DEVIL.

'WELL THEN, LETS PLUG IT IN AND I'LL GET CRACKING.' EXCLAIMED
THE DXER.

THE DEVIL SMILED, LOOKED AT THE DXER AND SAID...
'SORRY O.M BUT WE HAVEN'T ANY ELECTRICITY DOWN HERE'.....

NO MORE FOR NOW SEE YOU NEXT WEEK DE COL VK2CTD

OLD TIMERS IN W.A.

THE NEXT MEETING OF THE W.A. RAOTC WILL BE ON TUESDAY 10TH
SEPT. AS YOU MAY KNOW THE RAOTC KINDLY RELAYS OUR BROADCAST IN
PERTH. THEIR NEXT MEETING IS A SPECIAL ONE TO CELEBRATE THE
BIRTHDAY'S OF GEORGE MOSS (VK6GM) 93 YEARS YOUNG, AND FRED
HULL (VK6FH) WHO WILL BE 90 YEARS YOUNG. ANARTS WOULD LIKE TO
WISH THEM BOTH A VERY HAPPY BIRTHDAY. THE RAOTC IS HOPING THAT
EITHER THE FEDERAL PRESIDENT AND THE VK6 PRESIDENT OF THE WIA

WILL BE IN ATTENDANCE.

THE ANARTS CAST PLUS LOCAL NEWS HAS BEEN TRANSMITTED FOR SOME YEARS BY CLEM VK6CW UNDER THE CALLSIGN OF VK6TTY. THE VK6TTY LICENCE WILL EXPIRE ON THE 1ST NOMBER THIS YEAR AND THE LAST BROADCAST USING THAT CALL WILL BE ON SUNDAY THE 15TH SEPTEMBER. CLEM VK6CW IS CEASING OPERATION AFTER MANY YEARS DUE TO PRESSURE FROM OTHER ACTIVITIES. AGAIN ANARTS WOULD LIKE TO THANK CLEM FOR HIS EFFORTS OVER THE YEARS AND WE HOPE OUR ASSOCIATION CAN CONTINUE.

LARRY VK6CP HAS VOLUNTEERED TO RUN AN R.T.T.Y. MAILBOX ON 144.600 USING THE CALLSIGN VK6TTY...IT IS PROPOSED IF NO ONE HAS ANY OBJECTIONS, TO TRANSFER THIS CALL SIGN FROM VK6 RAOTC TO LARRY FOR THIS RTTY MAILBOX ACTIVITY..... SO HOPEFULLY THE VK6 STATIONS WILL STILL RECEIVE THEIR CAST EACH SUNDAY. WELCOME LARRY VK6CP.

PROVIDED THERE IS ROOM IN NEXT WEEKS BROADCAST, WE HOPE TO BRING YOU AN INTERESTING ARTICLE BY CLEM VK6CW, IT CONTAINS HIS INITIAL THOUGHTS ON HF CLOVER AFTER RECENTLY ACQUIRING A CLOVER MODEM. IT MAKES INTERESTING READING.

RTTY REPEATER/MAILBOX

THE SYDNEY REGION HAS A RADIOTELETYPE REPEATER, VK2RTY, ON 146.675 MHZ (OFFSET DOWN), WITH AN ATTACHED MAILBOX, WITH A BAUD RATE OF 45.45 BAUD, VARIABLE BY COMMAND ONCE ONE HAS ESTABLISHED CONTACT.

TO FIND OUT TO USE THE MAILBOX, ONE SHOULD CALL UP ON THE REPEATER USING THE COMMAND ".?" FOLLOWED BY (NEW LINE) "DE VK2..." (YOUR CALLSIGN). IF THE REPEATER DOES NOT RECOGNISE YOU AT FIRST, TRY A LINE OF RYS BEFORE THE COMMAND (RETURN) DE CALLSIGN. THE REPEATER HAS A BETTER CHANCE OF LOCKING ONTO A WEAK SIGNAL IN THIS WAY. THE LOCATION OF THE REPEATER IS AT BLACKTOWN.

A SHORT LIST OF COMMANDS WILL BE GENERATED BY THIS COMMAND, WITH THE FULL LIST NEEDING ".HELP" AS A COMMAND.

AS THIS IS ALSO A REPEATER, FEEL FREE TO HOLD QSOS WITH YOUR FRIENDS, SEND RTTY PICTURES, OR LISTEN TO THE ANARTS BROADCAST WHICH GOES OUT TWICE ON SUNDAYS.

TIMES ARE 0030 UT AND 0930 UT. BEING UTC TIMES, THE BROADCASTS ARE INDEPENDENT OF LOCAL DAYLIGHT SAVING TIME -- YOU JUST HAVE TO REMEMBER THAT IN THE SUMMER THEY ARE A LOCAL HOUR LATER!

FREQUENCIES ARE: 3,045 MHZ +/- 5 0930 UTC
7.045 MHZ -3 0030 UTC
14.070 MHZ AMTOR/FEC 0030 UTC

146.675 MHZ 0030/0930 UTC

WEEKLY SOLAR AND GEOPHYSICAL REPORT

(30 AUGUST - 05 SEPTEMBER)

ISSUED ON 06 SEPTEMBER 1996

SUMMARY
Date 30 31 01 02 03 04 05
10cm 73 76 74 72 71 71 70
A 17 13 6 5 3 9 (7 estimated)
T 4 25 12 15 13 13 11

SOLAR ACTIVITY WAS VERY LOW ALL WEEK.

THE GEOMAGNETIC FIELD AT LEARMONTH W.A. WAS QUIET TO ACTIVE ON 30TH AND 31ST AUGUST; QUIET 1ST AND 3RD SEPTEMBER; AND QUIET TO UNSETTLED ON OTHER DAYS.

MAXIMUM USABLE FREQUENCIES AT SYDNEY WERE 15 TO 30 PER CENT DEPRESSED 0100 TO 0700 UT. FREQUENCIES RECOVERED DURING LOCAL NIGHT. ON 31ST AND 1ST, FREQUENCIES WERE ENHANCED TO 30 PER CENT, AND 15 PER CENT ENHANCED ON 2ND, THEREAFTER NEAR PREDICTED MONTHLY VALUES.

FORECAST (06 SEPTEMBER - 12 SEPTEMBER)

GEOMAGNETIC: QUIET TO UNSETTLED.

FREQUENCIES: NEAR NORMAL PREDICTED MONTHLY VALUES.

COURTESY OF IPS RADIO AND SPACE SERVICES

VK2SG RTTY DXNOTES FOR WEEKENDING AUGUST 30, 96 (BID RTDX0830)

IF THIS WEEK DX NOTES APPEAR SCARSE, MY APOLOGISE, I WORK FROM MY RESORT QTH AND CAN REPORT ONLY WHAT RECEIVE. FURTHERMORE I'M ON VACATION AND TIME IS NOT ONLY FOR RADIO. ANOTHER PROBLEM IS THE LINK WITH MY PACKET BACKBONE STATION WHICH FROM HERE DO NOT EXIST.

OUR THANKS THIS WEEK GO TO:ZS5S, W2JGR, WB2CJL, W5KSI, AA5AU, N5PSI, S92ZM, TL8MS, JA3MHV, DF2KU, SP4KM, PA0HVF, IK1CJO, I5KG, I5IGQ, I5KKW, I1JQJ AND THE 425 DXGANG, DJ3IW AND THE CENTRAL-EUROPE DXCLUSTER DB0SPC THE NJ0M NODE OF MINNESOTA AND THE IK5PWJ CLUSTER.

BANDPASS:

FRIDAY 23
1249-14086 OH0LQK
1334-14081 HL2XL
1402-14083 SV5/SV1IW

1408-14082 EA8ATE
1502- 7032 AH4/AH0W
1517-14085 4S7NR
1548-14081 CU3AH
1550-14083 UA2FP
1559-14083 XT2DP
1809-14085 V51GB
1832-14081 5H3LM
1922-14085 4X6UO
1953-14081 9Q5PA
2057-14082 HK3DDD

SATURDAY 24
0034-14081 KG4MN
0623-14081 AH4/AH0W
1306-14087 PJ2MI QSL VIA K2PEQ
1336-14084 SV5/SV1IW
1446-14084 WP4Q
1650-14089 A41KD
1926-14084 9Q5PA
2036-14083 XT2DP
2123-14080 9H1EL
2203-14085 Z37EF
2204-14084 OM5XX
2232-14083 VR6MW
2341-14086 HK6HFY

SUNDAY 25
0055-14082 AH4/AH0W
0235-14089 FO5OP
0313-14083 FK8FI
1001-14079 OH0/DL6LAU
1048-14083 4L1BR
1134-14083 OY4TN
1251-14086 HA/W0YR QSL VIA AA9DX
1258-14086 UA2AO
1416-14085 HK1FGE
1757-14084 XT2DP
1800-14081 5H3LM
1910-14083 4L1BR
1930-14086 UR5EDU
2031-14084 Z37CEF
2033-14083 HA6NY
2101-14084 HK3SGP
2106-14083 AC26DO FER PFX
2112-14084 XE1M
2215- 3581 GB5FI FLAT HOLM IS. EU124

MONDAY 26
0212-14083 FO5OP
0915-21085 D68DV QSL VIA DL4XS

1022-14083 SV5/SV1IW
1046-14085 IS0MVE
1241-14088 UA2AO
1557-14088 UN7GY
1559-14082 KE6GEM/5N6
1609-14084 GB5FI
1659-14085 XT2DP
1723-14083 D68XS
1735-14083 ER5EDU
1735-14083 EA6GU
1751-14086 4Z5AV
1808-14080 Z32CEF
1808-14083 EA9JZ
1957-14081 ER3KS
2141-14088 CN8GB

TUESDAY 27
1352-14086 UA2AO
1415-14073 TL8MS PACTOR
1420-14083 EA8ATE
1520-14080 XT2DP
1556-14073 5R8DG PACTOR
1615-14084 4L1BR
1821-14085 D68XS
1933-14080 VP5JM
2102-14087 PJ2MI

WEDNESDAY 28
0350-14083 NH6LR
0632-14073 S92ZM PACTOR
1504-14083 IS0MVE
1506-14087 TA2IO
1534-14084 V85GA
1550-14084 XT2DP
1553-14084 4L1BR
1631-14087 ZS8IR
1659-14088 EA8AHX
1708-14084 KE6GEM/5N6 QSL VIA K4ZLE
1813-14082 EA9BF
1828-14088 EA6NB
2041-14083 CU1AC
2042-14085 CN8GB
2053-14088 Z37CEF
2105-14086 5H3LM
2138-14079 HK3PKY

THURSDAY 29
0614-14073 S92ZM PACTOR
1614-14069 5R8DG PACTOR
1721-14081 ZD8DEZ
1818-14085 UR5EDU

NOTES OF INTEREST:

EQUATORIAL GUINEA, 3C. FROM 16TH TO 22ND OF OCTOBER TEO, EA6BH WILL BE OPERATING AS 3C1DX FROM COGO. ACITIVITY WILL BE MOSTLY SSB AND CW FROM 80 TO 10 METER WITH SOME WARC BAND,RTTY WILL BE USED DURING FREE TIME ON 20 METER. QSL VIA HOME CALL.

TUNISIA, 3V. EDDIE,W6/G0AZT WILL BE ACTIVE FROM 9TH TO 13TH OCTOBER FROM THE CLUB STATION 3V8BB. OPERATION FROM 10 TO 80 METER AND RTTY (LOW POWER).

GRENADA, J3. SIGI, DL7DF (EX DL7UUO), WITH DL7BO AND DJ6TF STATE TO BE ACTIVE FROM 30 SEPT. TO 13 OCTOBER. THEY WILL BE ACTIVE WITH TWO STATION FROM 10 TO 160 METER IN CW, SSB AND RTTY.

CENTRAL AFRICA, TL8. STEFAN,TL8MS ADVISE THAT HE IS BACK ON THE AIR AFTER A THREE MONTHS OF HOME-LEAVE TO GERMANY.

THE VK2SG RTTY DXNOTES ARE ALSO AVAILABLE ON INTERNET AT REFLECTORS DIGITAL-DX@ST.RIM.OR.JP. SEE ALSO THE OH2BUA WEBCLUSTER AT URL HTTP://WWW.CLINET.FI/~JUKKA/WEBCLUSTER.HTML.

FOR NEXT WEEK'S BULLETIN SEND YOUR BANDPASS TO BOB, WB2CJL AT W5KSI.#NOLA.LA.USA.NA.

GL DE (DX2) LUCIANO, I5FLN AT ZS5S.ZAF.AF

COMING EVENTS

SEPTEMBER 28TH-29TH CQ/DJ WW DIGITAL

OCTOBER 19TH-20TH JARTS WW RTTY

Society information

The Society may be contacted at : PO Box 860, Crows Nest 2065 Australia, for such matters as membership and general enquiries. Enquiries can also be made by packet to the President (Col) VK2CTD at VKWI2, or the Secretary (Pat) VK2JPA at VK2WI.

News items may be sent to Broadcast Officer PO Box 60 Blacktown 2148 Australia, or fax to (02) 9672-3392, or by packet to VK2JPA at VK2WI.

Email address for the Broadcast Officer is :

patl@pitt.conmusic.su.oz.au
or patl@extro.ucc.su.oz.au

That's all for this weeks 73's de Pat VK2JPA Broadcast Officer.

--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2KFU.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | D8 15 71 F9 26 C8 63 40 5E 63 5C 65 FC A0 22 99

3077. Re: Amplifiers: Class C, etc Whats the difference?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: desmith@telalink.net
Message-ID: <51cs3s$h06@apple.telalink.net>
Source record: 217002

author@poboxes.com (Ryan) wrote:

>...was wondering what classes there are and whats the difference between them?

The major classes of amplifier:

A: The active device (tube/transistor) conducts over 360 degrees of the incoming RF cycle. (in other words, all the time) A DC ammeter in the power supply circuit will read the same current regardless of the RF power output. Very linear, but also very inefficient since it draws the same amount of DC when there's no RF to amplify as it does when operating at full RF output. Probably impractical for an amateur linear, used primarily for low-level audio and RF amplifiers.

B: The active device conducts over 180 degrees of the incoming RF cycle. (half the time) A tuned circuit (RF) or "opposing" device (audio) supplies the other 180 degrees. Fairly linear, though there can be some "crossover distortion" in audio when the "opposing" device doesn't take over in time, or takes over too early. Not quite linear enough for use on the air, but common (in push-pull configuration) for audio, especially in the old tube days. Efficiency about midway between classes A and C.

C: The active device conducts over less than 180 degrees of the incoming RF cycle. A tuned circuit (RF) supplies the rest of the cycle. Class C is very non-linear, and unacceptable for audio unless you like distortion. It's not acceptable for amplitude-modulated RF signals either, as it'll add the same distortion. (SSB is a form of AM) It is, however, acceptable for amplifying RF signals whose amplitude doesn't change -- CW or FM. This is the most efficient class, as DC power is only used when there's RF to amplify.

AB: A comprimise between classes A and B. The most popular class for amateur linears.

There are other classes (I've heard of D and E) used for audio only. I'm not familiar with them and not sure whether they're generally accepted by engineers, or simply inventions of the marketing department.

In a nutshell.. If you intend to amplify an AM, SSB, SSTV, or ATV signal, you want a class AB amplifier. If you intend to amplify a CW or FM signal, any class will work, but C will be most efficient.

73 Doug
W9WI

3078. Re: BULLETIN: 14 Year Old Sailor Not Heard in 3 Weeks

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-14 00:00:00 UTC
From: tgm@netcom.com
Message-ID: <tgmDxpB68.9BD@netcom.com>
Source record: 217003
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Ed Mitchell (vbook@vbook.com) wrote:
: 14 year old Subaru Takahashi is making a solo crossing of the Pacific Ocean
: from Japan to the United States - in a 30 foot yacht. According to Masa
: Sakamoto, KN6RJ, Subaru, who's call sign is JH0YCG, has not been heard since
: August 18th.

Most probably, Master Subaru sleeps with the fishes.
Talking to a dead man on ham radio--now that would be some DX!
But what a great QSL card . . .

3079. <none>

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: Alfredo.Sanchez@atlantis.encomix.COM
Message-ID: <600206752@f801.n345.z2.ftn>
Source record: 216605

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help
```

3080. Ohio/Penn DX Bulletin #270

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: kb8nw@barf80.nshore.org
Message-ID: <$opdx.270.1996@ampr.org>
Source record: 216606
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

SB DX @ WW $OPDX.270
Ohio/Penn DX Bulletin No. 270

The Ohio/Penn Dx PacketCluster
DX Bulletin No. 270
BID: $OPDX.270
September 16, 1996
Editor Tedd Mirgliotta, KB8NW
Provided by BARF-80 BBS Cleveland, Ohio
Online at 216-237-8208 14400/9600/2400/1200/300 8/N/1

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, AD1C, K1EFI, N1REU, K4UTE, KQ4GC, W4BRE, KH6BZF, WB6VGI, KA7YAO, WA9BXB, K9WR, A35RK, DL5EBE, DL8HCO, F6AJA, G3SXW, G4BUE & the DX News Sheet, PA3DZN, VS2BG and ZL2AL following DX information.

3E, PANAMA (SPECIAL PREFIX). Gunther, HP1XVH, currently active on IOTA NA-072 (ed. Island was not provided) states he will be using the special callsign 3E1DX, October 20-31st during the CQWW Contest. QSL via KF0UI (John in Missouri).

5V, TOGO (UPDATE). The Voodoo Contest Group which will be active from here in November (read OPDX.261) has announced their new 5V5A Web Site page for the upcoming expedition to Togo in West Africa. The site is at: http://www.getnet.com/~kf7ay/5v5a.html
The WWW page has details on the team of ten who will enter the CQ World-Wide DX CW Contest on November 23-24th from Togo signing 5V5A. Six stations will be active along with 17 antennas on the hotel roof to enter as a Multi/Multi entry. The page also contains information about previous expeditions, the WW contest, operating site, transportation and logistics, their QSL routes (including bureau requests via e-mail), tips on making a QSO in the contest, best times and bands to work Togo from each major area, and much more. The expertise of Dr. Warren Hill, KF7AY, who constructed the page provides many photographs, maps, QSL cards, interesting details and graphics. As the project unfolds, they will post updated news items to the "Flash" section every few days. Please feel free to visit the site from time to time to stay in touch.

5R, MADAGASCAR. Jean Michel, F6AJA, is back in France after his 5R8FI operation and says he will have his QSL cards printed as soon as possible. He also mentions that Gerard will stay there, as 5R8EN, until the middle of October and can continue to make QSOs on RTTY. Jean has the 5R8EN logs up to September 7th (with the 5R8EN/P logs from Nosy Be) and is preparing a short 5R8EN/P story.

5X, UGANDA (On RS-12). Peter, 5X1T (ON6TT), reports he has some windows to work him on the RS-12 satellite (+/- 1900-2000z) for the next couple of days. Peter states the window only covers him and Europe.

A35, TONGA (UPDATE). Paul Kidd, A35RK, reports his station is down now on Nuku'alofa, in preparation for departure for Lifuka Island this coming Tuesday (17 Sept). He will resume operation (probably around October 1st), it will be from the village of Holopeka, Lifuka Island, Ha'apai Island Group (IOTA OC-169). His QSL Manager is still W7TSQ (via his CBA or via W7 buro). Paul wants me to tell the OPDX readers that the A3 QSL Bureau is now totally defunct...and he is not even sure if they have a Post Office Box anymore. Also, Paul states: "Don't waste your time and money sending cards to the A3 buro. I don't know where the incoming cards are....All I can tell you for sure is that I don't have them, and I don't know where to get them. If you work an A35 station, get his QSL info, because that's the ONLY way you're gonna get a card!"

D2, ANGOLA. Alex, PA3DZN (aka WH2L, 9Q2L, TR2L, 9X5EE), expects to be active in early October from Luanda for a duration of a minimum of 6 months. He plans to use his TS-50 and R7 (10 - 40m), but a Force-12 C4 beam and a 600W amplifier will be shipped to Luanda as well. For 80 and 160 meters, he will try to install the usual wire antennas, the environment permitting. Operation will be on CW, CW, CW, RTTY, and SSB. QSL information "TO BE ANNOUNCED". (Please do not assume any of his previous QSL routes for other operations). The callsign "TO BE ANNOUNCED"; upon arrival, after he sorts some things out with the PTT.

FP, ST. PIERRE ISLAND (ed. This one may be just a tad earlier...HI!). Jack, N1REU, announced plans to activate this one the 3rd week of August 1997. He doesn't have an op list, but he is working on it. If you have any questions or comments about his plans, just please E-mail Jack (n1reu@contesting.com). He mentioned that these are just preliminary plans, no definates yet, but he will keep an up-to-date list of plans on a WEB page for the expedition. The address will be: http://www.cris.com/~Jackhamm/FP.html

HI, DOMINICAN REPUBLIC. Be on the lookout for Niki, DH2JD, to be active as DH2JDX/HI3 for the next three years. His activity will be mainly on the weekends at 1830z on 14272 kHz running.

IOTA NEWS. Tony, WF1N, and LOU, KA1DIG, will be on Appledore Island (NA-148, Isles of Shoals), September 20-23rd. Activity will be on or near the IOTA frequencies. They will pay special attention to 40 meters: 7160-7190 kHz (Listening down for DX) and 7260-7290 kHz (for USA). QSL direct to home calls or via bureau.

J3, GRENADA (Need another operator). IV3NVN, IV3TMV, W8KKF, W9IXX, WA8LOW and WB8GEX will be active from October 23-29th. The group will be active as J3A in the CQWW SSB Contest and is looking for another operator. Contact Harry, W8KKF, at 513/434-9616. Also it is reported that Joe, WB8GEX, is planning to install a beacon for 6 meters with 2.5 watts. QSL J3A via WA8YOW.

JD, OGASAWARA. Eiji, JQ1SUO, has announces that he will be active from here December 16th to January 3rd as JQ1SUO/JD1. His operations will be on: CW - 1909-10, 3505, 7005, 10107 and 14025 kHz and SSB - 3795, 3800, 7050, 14240 and 14200 kHz. He will look for USA stations between 2200 and 0000z on 14240 kHz. QSL to CBA.

KG4, GUANTANAMO BAY. Bill, KG4GC (KQ4GC), and Jan, KG4QD (WA4VQD), will be active September 27th to October 4th. They will be active on all bands to include SSB, CW and RTTY. Bill and Jan will join Rusty, KG4AU, as a Multi/Single high power entry in the CQWW RTTY Contest September 28-29th. Contest call will be KG4GC. QSL with SASE to home calls.
Also, Larry, WB6VGI, is currently active as KG4ML until September 24th or 25th. He is using a TS-50 and operating primarily on the WARC bands with brief excursions to 40/80 meters CW when WARC bands are down. He has no plans on operating on the other bands except to chase down new countries for his DXCC from there.

KH7 CONFUSION (not Kure Island!). Lee, KH6BZF, wants to remind OPDX readers that the FCC has started issuing KH7 licenses to Hawaiian Amateurs. KH7 callsigns have been appearing on the bands in the last week or so.

KP2, U.S. VIRGIN ISLANDS (Operator Needed). The Clay County DX Assocciation (CCDXA), located in north Florida, will be Multi/Single entry in CQWW SSB this October from St. Croix. At present time they have five operators (KD6WW, KQ4GC, AE4FY, AB4NS and KX8N). There is room for one more!!!
If you would like to go or receive more information please call, Bill KQ4GC, at 904-282-9925.

OZ, LAESOE ISLAND (North-Denmark). DL8HCO, DJ9RR, DH1LAD and DK7XS will be activate from EU-088, October 6-11th. Operations will be on all bands CW/SSB. Check the IOTA frequencies. They plan to be active around the clock. Callsigns are OZ/Homecall and QSL via bureau or direct.

QSL INFORMATION AND NEWS....
Rich, WA9BXB, has been recently getting cards for TI1C, TI2CF and TI4CF. He is not their manager and he was told by two people that he is listed in the new Callbook CD Rom as manager for TI1C which is incorrect. However, Rich is the QSL Manager for the following: VK3MO, TI2/N9IUO, TI2IDX and TI4IDX. Also, Rich states he is willing to manage another moderately active DX station that needs a manager. Rich is willing to pay for all QSL cards.

There has been a QSL Manager change in the upcoming ZV0MB and ZV0MV DXpedition. PT2DX was announced earlier as manager, but his address is not in the current callbook. So, to make things easier for DXers, PT2GTI was announced as QSL Manager for the Martim Vaz Island DXpedition. QSLs go to P.O. Box 09647, BRAS�LIA (DF), 70001-970. For more information on this DXpedition read OPDX.269.

LY2ZZ states QSLs for LY0HQ are to be sent to LY2ZZ.
The Danish QSL Bureau has changed their address to: E.D.R. QSL BUREAU, Klokkestoebervej 11, DK 5230 Odense M., Denmark.

Lee, ZL2AL, reports to OPDX, that they are still processing cards for ZL8RI DXpedition..... over 6000 direct mail QSLs have been sent out to date. Lee states, "It is a hard task, but every QSO is checked on CT and verified. QSLs will not be sent for non-existant QSOs! We ask all who worked us to please be patient. Every valid contact will be QSLed. Five of us are working hard and abusive letters by some hams do not help our frame of minds when we are burning the midnight oil. QSLs for ZL8RI are still via ZL2HU." Lee also mentions that he is the QSL Manager for ZL7AA 1993 operation and cards can be sent to ZL7AA, POB 54, Hastings, New Zealand.

Dan W4BRE, states that Carl, N4AA (of "QRZ-DX,"), has now completely caught-up with all USA requests (see exceptions below). He has now been answering requests, usually on the day they come in. Exceptions: There are several discrepancies where a station's call is not in the COMPUTER for a particular band/mode, etc. but this does not mean the station is "Not In The Log!!" Approx. 38,500 plus contacts were entered into the computer *after* the return to Kiev from Libya, so it's understanderable if a few didn't get entered. Carl should have his hands on the PAPER logs very soon and hopefully will be able to resolve most cases where he cannot find someone's call in the computer. ADDED NOTE: The complete news release by Dan will be sent to all OPDX InterNet subscribes.

VK0, MACQUARIE ISLAND. Warren, VK0WH, will be leaving on the next ship, so any mail should now go to his home address. He is presently snowed under with work and amateur radio will have to take a backseat for now. Warren currently has made 1200 QSOs with about 50 countries, but NO FEAR, another operator is on his way. VK0GW is reportedly to be with the next crew on Macquarie. Details about his equipment and operating times should be forthcoming.

VP5, TURKS AND CAICOS ISLANDS. The North Florida DX Association will be returning to Provo for the CQWW SSB Contest. They will arrive October 22nd and depart on October 29th. The callsign they will be using during the contest is VP5DX. Operators will be AB4UF, N4KE, NO4J, NF4L, W3ZNB, and K4UTE. QSL via K4UTE. PLEASE - NO QSLS via the VP5 Bureau, U.S. Bureau is OK via K4UTE. This will be a Multi-Single effort.

VP9, BERMUDA. Fred, K1EFI, will be heading here for his annual September vacation, and once again he will be operating as K1EFI/VP9 from Sandys Parish. Operations will be from September 26th to October 8th, mostly on CW, all bands. QSLs go to the home call.

VR96-VS96, HONG KONG (Special prefixes for Hong Kong). According to Brett, VS2BG (President of HART, the Hongkong Amateur Radio Transmitting Society), the Hong Kong Government Office of the Telecommunications Authority will be allowed to use several prefixes to commemorate the transfer of sovereignty over the territory from the United Kingdom to the People's Republic of China on 1 July 1997.
At the request of HARTS, Hong Kong amateurs will be allowed to change the numeral in their callsign to "96" in 1996, "97" in 1997 & "98" in 1998. Amateurs began the use of these new prefixes as of September 10th, starting

with a contact between VS96BG & VR96GO. HARTS will announce later the details of a new award to be offered to amateurs for contacting stations using these special prefixes.

W9DXCC DX CONVENTION (Review by KB8NW). The reason there was no bulletin last week, was because your editor (along with John, K8YSE) attended the 44th Annual 1996 W9DXCC Convention. This was John and your editior's first DX Convention. Both of us felt that the Northern Illinois DX Association put on a very good and well organized convention packed with forums, prizes (a lot of prizes... everyone went home with something) and a great program/dinner banquet. Both John and I will probably attend again next year. Here also are a few of my favorite highlights:

Jim O'Connell, W9WU, was a great MC throughout the day plus kept everyone laughing between forums.

Bob Heil, K9EID, talk on ZERO-Beating and other Audio Techniques.

Jim Riff, K9JSC, talk on the XR0Y and XR0Z DXpedition.

Wayne Mills, N7NG, (Dinner Banquet speaker), talk on "Beyond DXpeditioning: Albania, Myanmar and North Korea".

ZONE 2. Louis, VE2BQB, is currently active from Iqaluit on Baffin Island (IOTA NA-047) until December 15, 1996, as VE8TA. he was heard on 20 meters (14173 kHz) around 1745z. QSL via his CBA: VE2BQB, Louis Paquet, 1368 Rang 4, Lac au Saumon, P.Q., G0J 1M0 Canada.
-=-
OPDX INTERNET SUBSCRIBE/UNSUBSCRIBE REQUEST: opdx-request@nshore.org
OPDX WORLD-WIDE WEB HOME (provided by John, K8YSE):
http://www.en.com/users/k8yse/opdx.html
-=-
Excerpts and distribution of The OPDX Bulletin are granted as long as KB8NW/OPDX/BARF80 receive credit. To contribute DX info, call BARF-80 BBS online at 216-237-8208 14400/9600/2400/1200/300 and leave a message with the Sysop or send InterNet Mail to one of the two following addresses:
kb8nw@barf80.nshore.org -or- aq474@cleveland.freenet.edu
- OR - Send a message via packet to KB8NW @ WA8BXN.OH.USA.NA
- OR - Use the VOICE or FAX answering machine at 216-237-8208 which shares the same phone line as BARF-80 BBS using a data/fax/phone switch. To access: 1) Dial Number. 2) Wait for first ring (the second ring should be a false ring from the fax/data switch box) and then dial four quick ones ("1111"). (NOTE: Some FAX machines that send single "BEEPS" every second will not have to do this step.) 3) The phone will pick up and after the "BEEP" leave your voice message or FAX.

/EXIT

Tedd Mirgliotta KB8NW
InterNet: kb8nw@barf80.nshore.org
Basic Amateur Radio Frequency BBS (BARF-80) +1 216/237-8208
"Totally devoted to Amateur Radio" - 24 Hrs a day 8/N/1 14.4k-300 baud

3081. Re: Code / No-Code, I think you ALL are a bunch of freaking morons.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: Rick Perry <kg7a@wolfenet.com>
Message-ID: <323CC3E0.2643@wolfenet.com>
Source record: 216607

Don Brooks wrote:
>
> Get a life. Who cares. You like code, you use code. You don't like
> code, don't use code.
>
> I would think that with this argument going on for so many years now
> you people would start getting tired of it. Maybe you all need to
> find some new hobbies. Maybe you just need something new to talk
> about. I wonder what the hell you people talked about before the
> no-code.
>
> I say we give up on testing completely. All I hear on the radio are a
> bunch of freaking morons anyway, no-code tech, or extra class, it
> just does not matter. Just a bunch of losers who think that because
> they passed some stupid little test, whether it be a code test or a
> written test, that they are some kind of special person. Does your
> little card make YOU feel special? If so, you really do need to go
> out and actually accomplish something in life that you really can feel
> good about, and you need to stop beating your wife. The reason you
> beat your wife is the same as why you feel so special to be a ham,
> basically you are a loser and you need to feel important. The card
> and your wives bloody noses do this for you.
>
> Get a dog and beat it.
>
> Go buy a CB, you will fit right in with those inbreeds.
>
> Get the hell off the Internet, plenty of losers out here already, they
> don't need any help from YOU.
>
> I'll bet those of you who don't beat your wife don't have a wife.
> I'll bet you have always been afraid to talk to girls. I'll bet you
> still live with your mother. Probably work at McDonalds part time.
>
> Some of you guys are security guys. Don't get me started. You want
> to talk about mental problems. Hams who are security guys are really
> screwed up. Shouldn't let security guys become hams. Make THEM pass
> a 60wpm code test.
>
> Tubes suck. Nobody should be allowed to use a radio that has tubes.
> Come to think of it, lets include crystals. Do you use a crystal
> controlled tube rig, you wife beating security inbreed?
>
> So many mentals out here. So much hostility. It has to end.

Interesting comments! You have contributed nothing. Your main goal
of seeking attention, I suggest YOU get a life!

3082. IPS Daily Report - 15 September 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <51i2hi$f8a@flare.syd.ips.oz.au>
Source record: 216608
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 15/2330Z SEPTEMBER 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE AUSTRALIAN SPACE FORECAST CENTRE
SUMMARY FOR 15 SEPTEMBER AND FORECAST FOR 16 SEPTEMBER - 18 SEPTEMBER

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 66/0

GOES satellite data for 14 Sep
Daily Proton Fluence >1 MeV: 2.1E+06
Daily Proton Fluence >10 MeV: 1.7E+04
Daily Electron Fluence >2 MeV: 1.7E+09 (very high)
X-ray background: A1.0
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
16 Sep 17 Sep 18 Sep
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 16 Sep: 69/3

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Quiet to unsettled

Estimated Indices : A K Observed A Index 14 Sep
Learmonth 11 3233 2232
Fredericksburg 12 12
Planetary 12 11

Observed Kp for 14 Sep: 2333 2222

2B. MAGNETIC FORECAST
Date Ap Conditions
16 Sep 10 Quiet to unsettled
17 Sep 6 Quiet
18 Sep 6 Quiet

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band

Date Low Middle High
15 Sep Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
16 Sep Normal Normal Normal
17 Sep Normal Normal Normal
18 Sep Normal Normal Normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
15 Sep -4

Observed Australian Regional MUFs:
Darwin: 15-30% depressed for the period 0300-1000UT,
otherwise near predicted monthly values.
Townsville: Near predicted monthly values, apart from 15%
depressed for the period 0300-0700UT.
Sydney: Near predicted monthly values.
Hobart: 15% depressed for the period 0100-0700UT, otherwise
near predicted monthly values.

Predicted Monthly T index for September: 9

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
16 Sep 0 near predicted monthly values
17 Sep 0 near predicted monthly values
18 Sep 5 near predicted monthly values

--
IPS Radio and Space Services | email: asfc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/asfc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
tel: +61 2 94148300 | fax: +61 2 94148331

3083. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: cecilp@magic.bunt.com
Message-ID: <51gokh$4hj@krypto.zippo.com>
Source record: 216609
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

carl@ais.net wrote:

>In <51eper$ecs@abyss.West.Sun.COM>, myers@West.Sun.COM (Dana Myers) writes:
>>
>>Actually, I think the tests should include complex math, too.
>>

>Yeah ... let's see how well the CW folks do with FFTs, FIR filter
>design, etc.

>Carl - wa6vse
>carl@ais.net

Wisely put... but how many ssbers, packteers, sstvers, etc. will pass
the test. When was the last time you saw a major amateur radio
publication carry such articles. How many carry columns covering such?

Paul Cecil
KA5FPT / DA2PC
Kaiserslautern, Germany
Ramstein Air Base
email: cecilp@magic.bunt.com

3084. ARRIVED! (was BULLETIN: 14 Year Old Sailor Not Heard in 3 Weeks

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <51fila$3ha@news.Hawaii.Edu>
Source record: 216610
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Thomas G. McWilliams <tgm@netcom.com> wrote:
>Ed Mitchell (vbook@vbook.com) wrote:

>: 14 year old Subaru Takahashi is making a solo crossing of the Pacific Ocean
>: from Japan to the United States - in a 30 foot yacht. According to Masa
>: Sakamoto, KN6RJ, Subaru, who's call sign is JH0YCG, has not been heard since
>: August 18th.

>Most probably, Master Subaru sleeps with the fishes.
>Talking to a dead man on ham radio--now that would be some DX!
>But what a great QSL card . . .

If it had been your son on that boat, Tom, would you have still written
those same words?

Happily, young Subaru sailed into San Francisco yesterday. Engine
trouble prevented him from charging his batteries, thus the reason
for no communications.

Seek professional help, Tom.

Jeff KH2PZ / KH6

3085. Re: Do we build? was(Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <51fh7h$1pj@news.Hawaii.Edu>
Source record: 216611
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew

<garriej@marshfield.coosbay.k12.or.us> writes:
>As long as CW is *allowed* (!) won't there always be other folks like
>yourself -- interested in homebrew CW?

Hi Garrie,
The reason I mentioned homebrewing is that Carl claimed CW ops
know nothing of how their radios work. He's convinced himself that
those who favor CW are appliance operators. Then he uses this
false belief as a basis for the purging of the CW tests, thinking
that CW is somehow holding us back technologically. He never considers
the fact that many of us have found our niche and are happy using the
present modes available to us.

Of course, if the tests are eliminated, watch his company's sales of HF
equipment soar!

Jeff KH2PZ (using homebrew CW gear - I *do* know how my radios work!)

3086. Re: Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <51huii$qdg@news.Hawaii.Edu>
Source record: 216612

carl@ais.net%1:2619/211.9 <carl@ais.net%1:2619/211.9> wrote:
>In <BPDyaLb.armond@delphi.com>, armond@delphi.com writes:

>>Are you speaking of the olde fahrtz who went ashore at Normandy, Guadalcanal,
>>Iwo Jima, or saw 20,000 of their friends die in B-17s over Germany, so you
>could
>>live in freedom? Or are you speaking of the olde fahrtz who were drafted and
>>spent their winters in Korea?

>Give it a rest ... you know damned well that the "olde fartz" title is
>actually "CW olde fartz" and is only bestowed on people who can't bear
>the thought of a day without brass-pounding.

Heehee, sort of like Carl who can't bear the thought of a day without
dumping anti-code posts on the wrong newsgroup.

>Nobody is trying to demean the memory of our veterans ... that's a
>pretty long stretch, even for you.

Most of the OTers you hear on the air *are* veterans. They talk about
their health just as your parents or grandparents do. Their conversations
consist of small talk just like your parent's and grandparent's conversations.
Yet those OTers laid the foundation for everything you have today - look
around you - everything you see and hear and feel is a result of those that
came before you. They were the inventors, designers, engineers, who brought
you everything that you hold dear.

Take your own medicine, Carl: "Give it a rest."

Jeff KH2PZ

P.S. How is your company's stock?

3087. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <51i11h$73@news.Hawaii.Edu>
Source record: 216613
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Dana Myers <myers@West.Sun.COM> wrote:
>Actually, I think the tests should include complex math, too.

That's vague. Some folks think all math is complex. Are you speaking
of the arithmetic of complex numbers: z = a + ib where i = sqrt(-1)?
If so, we call that complex analysis. And that's too easy. Let's get some
engineering mathematics involved. Let's bring back circuit diagrams that
the examinee must sketch. Let's *add* some other skill tests besides
code. Let's put up barriers to keep out those who just want to talk into
a mic and do nothing else. Let's take this to .policy.

Jeff KH2PZ

3088. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <51hvv6$s03@news.Hawaii.Edu>
Source record: 216614

<carl@ais.net> wrote:
>adell@planet.net (Steve - KF2TI) Landing, NJ writes:

>>Funny, all the new technology you propose seems to be geared towards
>>VHF+.

>A rash (and incorrect) assumption on your part ... only those who can't
>envision it wave their hands and assert that there's no possibility of
>new technology for HF ... that's the problem ... you can't see past
>the past.

It might be the case that those who are on HF are happy just where they're currently at. If you want faster modes just so you can pass gigabytes of files that most folks won't read, do it on internet rather than wasting RF spectrum.

>>A no code license is perfect, where's all the techno-weinies
>>you keep saying that code holds back???

>A no-code license is NOT perfect ... it has created a ghetto of
>no-coders in the VHF/UHF bands ... most are not "upgrading" because they
>don't see CW as "upgrade" in any respect ...

You mean they don't see HF as an upgrade? Fine. Keep the "ghetto" above 30 megs.

>>why aren't they perfecting new amazing techo-wizardrey for the VHF+
>>frequencies??

>Many are ... but many more still think ham radio is archaic because of
>the code ... they also have too much pride and self-respect to subject
>themselves to the treatment they see current no-coders receiving from
>narrow-minded, bigoted individuals and groups who worship antiquated
>technology as some sort of quasi-religion ...

I'm confused. Who are these people and how do they "see current no-coders" being abused? Are they licensed and on the air? Are they unlicensed and monitoring rptrs on a scanner? Are the narrow-minded folks who are running down no-codes on HF? If so, how are these unlicensed folks you speak of listening to the QSOs? Just who are these people that have "too much pride"?

I think these prideful folks you speak of consists of just yourself. You've been waiting 20 years for the code tests to be dropped so you can get on HF. You might have to wait another 20 years, Buddy.

Jeff KH2PZ

3089. Re: Do we build? was(Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: carl@ais.net
Message-ID: <51hgp7$pjm@news.ais.net>
Source record: 216755
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew

In <51erf1$ffg@anomaly.ideamation.com>, kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:
> (Carl wrote:)
>>Technology per se HAS changed ... unfortunately, for the most part, ham
>>radio technology HAS NOT. We're still using (and insisting on, and
>>being driven by outdated regulations to use) outdated technologies.
>
>Poor us. We're not a consumer, mass-market-driven radio service. I'm
>sure Carl's employers are really disappointed they can't sell some hams
>on the latest wizz-bang radio setup.
>

Carl's employer wouldn't even take a first look at the ham market, let
alone a second look ... if they're not *sure* they can sell *millions*
of a product, they have zero interest in desigining/making it.
Making products for the ham market is a "cottage industry" at best.

>
>>"Spreading out the congestion on the air" is NOT a legitimate reason for
>>balkanizing the ham community ... if there's congestion, we need to
>>exploit modern, technical solutions to increase our efficiency of
>>spectral use to eliminate/control it ... not politically hamstring our
>>ability to improve, explore, and experiment with new techniques.
>
>Translated: buy our latest wizzz-bang techno-gadget.
>

CORRECT TRANSLATION: Adapt with the times or become extinct.

Carl - wa6vse
carl@ais.net

3090. Re: Little LEO again (was Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: carl@ais.net
Message-ID: <51hhnb$pjm@news.ais.net>
Source record: 216756
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <51etps$j04@usenet.pa.dec.com>, little@pecan.enet.dec.com (Todd Little) writes:
>
>Most politicians can recognize a form letter when they see one. They
>realize that it rarely means a strong opinion as someone is simply
>following the directions of others instead of taking their own
>initiative. What the ARRL did smacks of a form letter. How different
>do you think the respondants were?

I think that they voiced similar opinions, but that they were
individually crafted and "signed" ... they were not "form letters."

>Plus the committee members
>certainly knew that the ARRL had advocated writing.

SO? What's your point here? You think the NRA and the AARP don't
"encourage their members to write" on important issues????

That's EXACTLY why they're so successful in getting their way ... they
mobilize their membership andget them to write, call, send e-mail, send
telegrams, call their congressman, etc. If we could do as well, we'd be
a lot safer ...

>I believe
>the ARRL screwed up on this one and hope it doesn't hurt us in
>the decision making process.
>

I think the response was appropriate, not a "screwup" I was, however,
surprised that such a response was roused ... I didn't think it was
possible to get that much action out of a group of hams ...

Carl - wa6vse
carl@ais.net

3091. Re: Computer Interface for TS-440

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: ki5mp@worldnet.att.net
Message-ID: <51hic2$s49@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 216757

Thanks to everyone who responded to my post.

I now have all the information I need to properly interface my 440
with my computer..

Thanks, again :-)
Mike KI5MP

3092. Ham Radio Stuff for Sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: "Stuart R. Crawford" <srcrawford@cwave.com>
Message-ID: <323C4BBB.5EF@cwave.com>
Source record: 216758
Cross-posted to: wpg.general,van.general,calgary.general,rec.radio.amateur.misc,rec.radio.swap,can.forsale,edm.general

I have the following for sale

3 coaxes 1 is RG-58 2 are RG-8 might be sold, but, contact anyways to
see
HF Antenna Tuner - Vectronics VCI 300 300W $200.00
2m Colinear Antenna with base mount $20.00
HF Vertical 15m thru 10m $20.00
Misc Publications Canadian Advanced, Beyond the Line of Sight, WRTH 95,
IPARN Manual $5.00 each

Contact Stu
srcrawford@cwave.com

3093. IC-900A Cross-band repeat ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: jlbarber@wolfenet.com
Message-ID: <51gpmq$bj5@ratty.wolfe.net>
Source record: 216759

Hi Folks,

I'm looking for info on whether the IC-900A (the one with the
'stackable' band modules) can operate as a cross-band repeater.
I just bought one, and I could use that feature.

I've looked in all the archives I know of, but the only thing
I've found is for extending freq range.

Thanks,
Jim Barber, N7CXI
jlbarber@wolfenet.com

3094. Re: Repeater Question

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: kn4aq.gary@mms.net
Message-ID: <51gr2s$e83@ralph.vnet.net>
Source record: 216760

ab5on@juno.COM (Rick A Martin) wrote:

>Here in Oklahoma we in the Ham radio community have recently dealt with 3
>emergencies that involved on-site communications that lasted 1 to 2 weeks
>or longer. Several of us have noted that the 2 meter HT has been the
>workhorse of this effort. Fortunatly, we have been near repeaters most of
>the time. The experience has highlighted the fact that outside a metro
>area the HT would be severly limited. We are looking at a project to
>build a "generic" repeater controler for emergencies that could use two
>radios to quickly set up a repeater (no frills) on any freq. Obviously
>the audio would have to come from a speaker output and end up as a mic
>level input and the TX switching would have to come from audio detection
>instead of AGC. Technical details aside, I come to the question of
>whether anyone knows of such a controller or are we going to have to
>develop it ourselves?

>73 from the Heartland
>Rick, AB5ON

I know I've seen ads for just what you're looking for, tying two HTs
together as a repeater (or two mobile radios, or mobile and HT). I skimmed
a new and an old QST but didn't come across it right away.

Keep in mind that making an in-band repeater is quite a challenge to avoid
desense, especially on 2-meters.

As an alternate solution, we sometimes use crossband repeaters built into
dual-band mobile radios. We either cut the hangtime on the repeater back
to zero, or put PL on the repeater that drops off during the hang time to
make crossband repeating work.

73,
Gary KN4AQ

Gary Pearce Avid/Video Editor Internet:kn4aq.gary@mms.net
116 Waterfall Ct. Franklin Video
Cary, NC 27513 Raleigh, NC
919-380-9944 919-833-8888 Ham Radio: KN4AQ

3095. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <51h9p3$sau@abyss.West.Sun.COM>
Source record: 216761

```
In article <51g2b0$758@vixen.cso.uiuc.edu>,
Zack Widup <w9sz@prairienet.org> wrote:
>
>In a previous article, kc5egg@ix.netcom.com (Gerald Schmitt) says:
>
>>>>>
>>>>>I'll buy that. Let's go back to the days where you had to draw
>>>>>schematics and do 'real math'. No more 'memorize the test'. I'd go
>>for
>>> ^^^^^^^^^
>>>>>that...
>>>>>
>>>>
>>>>Me, too! NO PROBLEM!
>>>
>>>Actually, I think the tests should include complex math, too.
>>>
>>>--
>>> * Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and
>>should *
>>> * (310) 348-6043 | not be interpreted or represented as
>> *
>>> * Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc.
>> *
>>>
>>
>>And what's the matter with; hole theory, relativistic momentum
>>equations, or just a touch of quantum mechanics. Actually all of the
>>above are useful in amateur radio but unlike CW you don't have to
>>master them to enjoy the hobby.
>>
>> 73 Jerry
>
>Heck, let's throw the Zone System in too!

But what about young amateurs that don't have densitometers?

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *
```

3096. Re: U.S. Navy CW Call Signs

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: Andy Burrows <aburrows@bbs.tsf.com>
Message-ID: <323BECEC.CD8@bbs.tsf.com>
Source record: 216762

> When I was on board ship in 1945 and 1946, there were no changes in
> U.S. Navy callsigns from time to time.
> NHMB USS CORVUS - AKA-26
> NHML USS WINSTON - AKA-94
^-----/
These are the International Call Signs, Radio Call Signs Could Change
depending on the Situation or Exercise Int Call Signs do not change

--
_____ ___o Andy Burrows SM2 USNR WPNSTA 802
_____ _'\ < Ogdensburg, New York
_____ (*)/ (*) aburrows@bbs.tsf.com or burrows@northnet.org
Be seeing you!

3097. Re: WA State Patrol controlling your radios

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: shoggoth@centre.of.universe
Message-ID: <51gskc$qdu@purple.iap.net.au>
Source record: 216763
Cross-posted to: wa.general,rec.radio.amateur.misc,rec.radio.scanner

Wrong W.A., dude: Western Australia. Not Washington.

3098. IC-900A Cross-band repeat ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: jlbarber@wolfenet.com
Message-ID: <51gq76$u85@ratty.wolfe.net>
Source record: 216764

Hi Folks,

I'm looking for info on whether the IC-900A (the one with the
'stackable' band modules) can operate as a cross-band repeater.
I just bought one, and I could use that feature.

I've looked in all the archives I know of, but the only thing
I've found is for extending freq range.

Thanks,
Jim Barber, N7CXI
jlbarber@wolfenet.com

3099. Re: Key Input Specs?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: "Paul Christenson [N3EOP]" <paulc@cyclades.com>
Message-ID: <323C570B.69CBCF90@cyclades.com>
Source record: 216765
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

Rick Miller wrote:

> Can someone tell me what open-circuit voltage and closed-circuit
> current the device attatched to the "key" input of a rig is supposed
> to be able to handle? If 5 Volts and 25 mA is sufficient, I'll be a
> happy camper!

That depends on the rig. There are no standards; not even polarity.
I've had tube rigs that had nearly a hundred volts across the key
contacts. An HT may have only one or two volts at a couple mA.

--
+---+ .
| Technical Support Engineer, Cyclades Corporation |
| 800/88-CYCLADES (882-9252) or (510)770-9727, x258 |
| Maker of High Performance Multiport Serial Cards |
+---+

3100. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: carl@ais.net
Message-ID: <51hm6l$t2l@news.ais.net>
Source record: 216766
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <51egci$gn4@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net (Jim Kehler) writes:
>
>That sounds reasonable, but I can think of one problem right off the bat.

Good, glad you're finally starting to see the light :-)

>Somebody (the FCC database) is going to have to keep track of who is
>a no-code whatever vs. a code whatever, which will almost double the
>existing amount of license class.

Why? If the government doesn't care if we do code or not, then why?
There really should only be one, perhaps two at the most, class(es) of
license ...

Why do pro-code folks insist on "status certificates"???

Who cares?

>
>Although I have seen some yelling about the incentive method, I really don't
>see any problem with it. I don't think we should just 'drop' the code testing
>and let everyone on the entire HF spectrum,

Why? It hasn't done ANYTHING GOOD for ham radio since "Incentive (for
raster code speed) Licensing" was established ... in fact, ham radio was
in MAJOR decline and aging rapidly until the no-code-tech was
established. 'Course THAT suited the olde fartz just fine ... "didn't
want more of those damned young wipersnappers in here inventing new
things and crowding 'our' bands anyway!"

>
>The 'old guys' vs. the 'new guys' isn't anything new. It was going on in the
>70's when I started and probably long before that. It's part of the program.
>I think you would get a lot less resistance and possibly a few more converts if
>you made it clear that the no code HF proposal included a place for the old
>guys to go hide when they wanted to, and you wouldn't be 'giving away' all
>the privledges that some of the old guys feel that they have earned.
>

I proposed a 25kHz CW window at the bottom of the band, as a pacifier
for the olde fartz ... let them pound brass until they're too senile to
remember what the key is for any more ... just get them (politically)
out of the way of progress ... (they're welcome to participate in any
and all of the new stuff ... if they want to and they're capable of
understanding what's going on ...)

>Anyway, I might sign off on a no code general, if the senior citizens still had
>some place to go on their own. But then again, when I sober up in the morning
>and the drugs wear off, I might change my mind again.
>

I figured that much out long before the above paragraph scrolled up
above the bottom of the screen ...

Carl - wa6vse
carl@ais.net

3101. Re: "Exotic" HF Digital vs. CW,SSB

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep15.175251.23680@ke4zv.atl.ga.us>
Source record: 216767
Cross-posted to: rec.radio.amateur.misc,rec.radio.,amateur.digital

In article <01bba273$0adcc580$84070ccf@jim-reid-1> "Jim Reid" <jreid@aloha.net> writes:
>The HF digital "-tor" and Clovor modes are evidently not suited to
>the usual (that is, what is going on now) for today's HF radio
>amateur. I had a KAM Plus for awhile, and found you can neither
>send nor expect to hear a call for QSO by sending a CQ out on
>a random frequency somewhere in the generally agreed upon
>digital band windows. You can with an RTTY siganl, but all the
>others, I was told, require a prearainged freq,time schedule!
>Is this true?

No. All of the modes currently in use allow methods of calling CQ,
or otherwise making unconnected transmissions. For RTTY it is almost
the *only* way of making a contact (there is autostart). The other
modes also have other methods of establishing contact, so it isn't
the only way for them. But they all still make provision for CQ.

> I, at last, gave up, and sold the KAM PLus. Now
>I have Brian Beezley's excellent RITTY soft ware program which
>allows me to operate RTTY directly from the computer without
>the need for a TNC. This software has excellent capability for
>weak signal RTTY DX operation.

Pretty neat stuff, shows you don't need exotic hardware to do
high performance machine digital, albeit only RTTY in this case.

>I also found, that even if you were to try to join in on a 20 meter
>packet frequency, you would be excluded as you "didn't know the
>code, or proper password to use to get in". Is this true?

If you fell in with the automated forwarding network, this is true.
Access is limited to forwarding partners only. There are other nets
and other random frequencies where HF packet activity is more like
what you may have expected. But HF packet is not well suited to
chatting (in fact it is not well suited to HF, the protocol and
modem standards are in desperate need of revision).

>Evidently operators of the digital modes, other than RTTY, do
>not send CQ's or otherwise entertain QSO's with other than
>predetermined recipients. Is this true?

No, that's not true. I typically make random contacts using Pactor
or Clover every day. I tend to answer CQs rather than send them,
but I do that too on occasion. So traditional operating technique
does still work with these methods. But unlike other modes, it
isn't the *only* way.

Many digital operators park their stations on known frequencies
when they aren't otherwise occupied with a QSO. This allows
their friends to find them easily, establish a connection for
a chat, or leave them a message. Many of these stations are
listed in "directories" which circulate in the digital community.
If you know the frequency, mode, and call sign (or SELCAL in the
case of AMTOR), you can connect to them and hit a few bell characters
to rouse the operator for a chat. This is a very common operating
technique in the digital community.

There are also open HF BBSs you can use. While I think these are
generally an abomination, they do have uses. This is one place
to find the "directories" I mentioned, or other activity news.
They also serve as a last resort for leaving messages for other
digital operators, IE if propagation won't allow a direct connect,
you can use a BBS as a mail drop.

>I have never heard a DXpedition use any digital mode other than
>RTTY on HF.

I don't keep up with Dxpeditions, so I don't know what they use.
It is my experience that digital operators in general are less
interested in Dx gaming than some operators of other modes.
And it is also my experience that of those digital operators
who are into such gaming, the RTTY operators seem to be the
largest contingent. That could be because the more traditional
operating techniques they are forced to use makes it "more
sporting" than it would be for more modern digital methods.

>I understand that after much discussion on the newgroups,
>that CW is not considered a true digital mode; too much human
>randomness creeps in to mess up the true digital timing nature.

Well, CW is a digital mode, though because of the non-uniform
timing code typically used, it is often treated separately from
the other digital modes. Some operators call it "manual digital"
to distinguish it from the machine digital methods because it is
more likely to be done manually than via a machine system. It is
about the only digital method which still uses OOK, the others
all use either FSK, PSK, or some more advanced modulation form
allowing the use of coherency to improve detection and decoding.
The other methods also use more formal protocols and many use
more advanced error detection and correction techniques which
allow easy operation under much poorer conditions.

>If the above points are true about HF digital modes, regardless of
>their superiority in thru-put rate, error freedom, etc., they are likely
>never to be accepted by the general HF amateur community. The
>HF operator, unlike the VHF operators, like to roam the bands,
>find random and far away folks to chat with on both SSB and CW.
>Both of these modes have there pros and cons, but at least you
>have a chance of hearing a weak signal calling for a contact on a
>random frequency in the band, and probably being able to establish

>a plesant QSO, QSB and QRM permitting. If you can't find and work
>the random more exotic digital signal soliciting a call with whomever
>happens along to find it, seems like it is not a true HF band
>amateur radio experience. Of course, I am old fashioned and
>licernsed since 1950.
>
>But would appreciate clarification, if needed, about these new
>"exotic" digital HF modes.

Well, we do the traditional things you mention with the modern
digital methods too, though perhaps not as frequently because
it isn't the *only* way we can operate. Working distant stations
is *so easy* with many of the more modern methods that there
doesn't seem much point in participating in the Dx gaming
that seems to permeate the culture of operators of other modes.

I'v had long relaxed chats with operators in over 200 countries now,
using digital methods and less than 50 watts to a wire antenna whose
center is only about 10 feet off the ground, and which is located
between a two story metal building and a two story brick house.
Often I am hard pressed to make a SSB or CW contact (not that I use
the latter much at all), but digital contacts remain easy. I can
often maintain a contact with stations whose signals I can't even
hear over the speaker. I used to have a tribander on a 70 foot tower,
but I took that down to put up VHF/UHF satellite beams. And I have
an HF amp, but it hasn't been turned on in several years. There's
no need.

My experience is that most veteran HF digital operators are
ragchewers and/or experimenters primarily, though there is a
fairly large contingent who are public service oriented. Dx
hounds seem to be a minority, and seem to be concentrated
primarily among RTTY operators. Now that's just my take on it,
based on who I contact and what I monitor, but I suspect it
is fairly accurate.

If your vision of HF is dominated by Dx gaming, then you
probably won't find the current HF digital scene very much
fun. It hasn't yet been overrun by Dx fever. But if you
want to stay in touch with (or make) friends around the
world (and it is one of the few ways an amateur in a
"rare Dx" location can have a long uninterrupted chat on
the radio) and/or experiment with methods to improve
processing gain, link reliability, or throughput, or if
you have a public service bent, you might find something
of interest in the current HF digital scene.

No doubt the culture of HF digital operators will evolve over
time. Who knows what it will be like in 10 years? Just look at
the difference 10 years made in the culture of HF phone operation
between the 1950s and 1960s as SSB displaced AM. Technologies
do shape cultures to a considerable extent.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
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534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3102. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: carl@ais.net
Message-ID: <51hmkc$t2l@news.ais.net>
Source record: 216768
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <51fqbn$juc@mtinsc01-mgt.ops.worldnet.att.net>, Cecil Moore <w6rca@worldnet.att.net> writes:
>
>Hey Michael, it was humor, a play on words. Someone said there should be
>some "real" math on the tests. Dana said "complex" math should be
>included. Get it? - real numbers and complex numbers? - real plus
>imaginary equals complex - like R+jZ. I got it!
>
>73, Cecil, W6RCA
>
>

Cecil ... that's exactly THE point ... you got it, I got it ... anyone with a moderately firm footing in today's technical world got it ... but I doubt that Mike was in the minority of hams in NOT getting it ...

I honestly believe that the primary reason the "old guard" is so afraid of modernizing the test requirements is that, deep inside, many of them know that they've fallen SERIOUSLY behind the times but they can't accept the fact ... so they must suppress anyone or any thing that challenges their own lies to themselves that go something like "I'm a ham ... I'm a modern communicator and I know what radio is all about."

It'd be laugable if it wasn't so pathetic ...

Carl - wa6vse
carl@ais.net

3103. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: "Paul Christenson [N3EOP]" <paulc@cyclades.com>
Message-ID: <323C5DA3.6A86C9C3@cyclades.com>
Source record: 216769

> >That's exactly his point ... while there's more than one way to get to
> >the top of the mountain (old-fashioned climbing vs. modern
> >helicopter)
> >skills in the first have NOTHING TO DO WITH qualifications for the
> >second.

> If you fly your helicopter to the top of the mountain and crash, you
> may wish that you knew how to climb mountains.

5 WPM is like knowing how to get off of the mountain in case you crash.
13 WPM is more like being able to plan an entire mountaintop expedition.

A little is good. More is not necessarily better.

--
+--+
| Technical Support Engineer, Cyclades Corporation |
| 800/88-CYCLADES (882-9252) or (510)770-9727, x258 |
| Maker of High Performance Multiport Serial Cards |
+--+

3104. Re: the final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: carl@ais.net
Message-ID: <51hocj$t2l@news.ais.net>
Source record: 216770
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <51ffh3$r5a@news.tcd.net>, kj7az@coffey.com (Tim) writes:
>markl@dove.net.au (Mark Little) wrote:
>
>Wrong, The code can be heard farther than ANY other means of
>communication with the least power.

I'm sorry Sir, by you obviously:

a) have not read/understood the numerous factual presentations which clearly prove the above assertion to be false, no matter how many times you say it and click your heels together ...

and

b) haven't got a clue about what can be done with modern communications techniques

> Cheapest is that HAM is all about.

Now this part you've got right ... at least if you're talking about the "old guard" ... they ARE too cheap to invest in modern gear ... that's one of the reasons they're still using CW (and 1200 baud AFSK packet for that matter).

>

>The Q codes were designed for just that purpose, if you don't know
>them then maybe you sould read the now your talking book that you
>learned the answers to the questions from.
>

The Q signals are perfectly suited for conveying the limited number of concepts consistent with moronic intelligence levels ... perhaps that's why they're common with CW ops and SSB lids ... I'd prefer to have a bit more flexibility to carry on an intelligent conversation myself.

>This kind of communication is RAG CHEWING and not necessary to
>complete a QSO.
>

There is absolutely NO redeeming value in "UR 599 in ____, RIG HR is ____, TNX FER QSO ES 73, CUL" ... this sort of "QSO" is an absolute abomination, a waste of spectrum, and does NOTHING to forward the purposes for which the Amateur Radio Service was established.

>>This is a simple concept in any true language, so the "widely understood
>>international language" should be able to communicate this easily without

>>resorting to English.
>
>Like I said, Q signals were designed for exactly that purpose.
>

So tell us how to convey the "washing, ironing bit" in Q signals ???

>
>Hmmm.... My little radio shack HTX-100 has been in beacon operation
>for about a year. 5 watts travelling over 100 miles locally on CW and
>all over the world by propigation?
^^^

It's a pig, alright!

>Try that with any other means of communication on ANY other band.

As I've said before, digital systems are ROUTINELY transmitting data
over paths of several THOUSAND miles, day in and day out, using powers
in the 10 MILLI-Watt range ... CW is junk in comparison with the
modern technologies available in today's world, pure and simple.

Carl - wa6vse
carl@ais.net

3105. More info added

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: Geoff Brown <equinox@itl.net>
Message-ID: <323C5878.1AD7@itl.net>
Source record: 216771

We have added yet more links/information to our www site which is
currently hitting 1000 hits per day!
Try:
http://user.itl.net/~equinox

There is a list of EVERYTHING re radio on the Internet.
Enjoy!

3106. Re: PRO - CW !!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: Thomas Foster <tlfoster@ix.netcom.com>
Message-ID: <323C9267.3EA7@ix.netcom.com>
Source record: 216772

Rick Perry wrote:
>
> I've been reading quite a few messages about doing away with CW or at
> least not requiring it on various levels of exams. I completely
> disagree.
>
> CW is an art form. We live in an instant gradification society, "I
> want it now !!". We've been pretty much conditioned in this mode of
> operation. Why does it have to include ham radio? What about tradition?
> Ham radio has a great tradition and CW is part of it. Things like
> making your first QSO as a new novice (I still remember mine),
> developing your skills as an operator on CW and phone, moving up to the
> next license--these are things you can be proud of. Which mode gets
> through better is not the point. Sure I 've been on for almost 40 years
> now and I'm an old -- whatever, but I am still proud of my abilities on
> CW and phone. You are advocating the loss of opportunity. No one "even
> in the dark ages" wanted to spend time on CW at the start. All I wanted
> to do was talk on phone. That was in the beginning, but as time passed
> and my skills increased I had gained something.
>
> I agree that change is usually indicated from time to time. Well, we
> got it in handfulls, no-code licensing, VE testing, expanded bands. Then
> because someone decides that CW is in their way of more frequencies, the
> answer is do away with it, rather than taking on the challenge. Should
> reward be instantly granted on request? Ham radio to many may be like
> their computer, if its running too slow go buy an upgrade. To others,
> like me, ham radio means a great deal more. You are really the loser.
> Talk to some of the old timers. Develop some real pride in your hobby
> and you will try and protect it.
>
> Because I am an Extra does that make me elite? Well, it took me 20
> years to get there (many failed exams at the FCC). No, I don't think
> I'm elite, just proud of what I did. Do I deserve more spectrum--you
> bet--I earned it! You earn it, and don't degrade the accomplishments of
> others.
>
> Rick, KG7A

Way to go, Rick!

73,
Lindsay
WA4ISZ

3107. Re: "Exotic" HF Digital vs. CW,SSB

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: gfoley@freenet.columbus.oh.us
Message-ID: <51hrhg$ftu@login.freenet.columbus.oh.us>
Source record: 216773
Cross-posted to: rec.radio.amateur.misc,rec.radio.,amateur.digital

Jim Reid (jreid@aloha.net) wrote:
: The HF digital "-tor" and Clovor modes are evidently not suited to
: the usual (that is, what is going on now) for today's HF radio
: amateur. I had a KAM Plus for awhile, and found you can neither
: send nor expect to hear a call for QSO by sending a CQ out on
: a random frequency somewhere in the generally agreed upon
: digital band windows. You can with an RTTY siganl, but all the
: others, I was told, require a prearainged freq,time schedule!
: Is this true?

<snip>

I see a number of answers to this, all of them asserting that
unscheduled contacts are possible with the TOR modes. I agree
that I used to be able to make AMTOR qso's without prearrangement.

What neither the poster nor the respondents take up is the
unsuitability of the lower priced HF transceivers for digital
modes. The SSB selectivity is insufficient, and there is generally
no way to offset the passband of a selective filter (which is
usually available for cw> to feed the output to commercial
decoders. That's what's keeping me off the air in digital
modes. I have an ICO 737, but I think the same problems
exist with all the compact less expensive sets.

K8EF

--
Gerry

3108. Re: the final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: "Paul Christenson [N3EOP]" <paulc@cyclades.com>
Message-ID: <323C7064.2A60379E@cyclades.com>
Source record: 216774
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Tim wrote:

> Wrong, The code can be heard farther than ANY other means of
> communication with the least power.

Nope. Wrong. Incorrect. An unmodulated carrier (a beacon) has that distinction. Once you modulate it, it increases the bandwidth (i.e. power needed). Of course, the amount of information it can carry is quite limited.

On-off keying (OOK, which includes "CW") is one of the most unreliable of all of the digital modes. (Yes, Morse is digital.) Most of the newer digital modes are one HECK of a lot better than CW. I have personally maintained an AMTOR connection well after the band decayed past the point I could even hear the other signal. All I heard was white noise, yet his typing still appeared on my screen.

> >> * It is the ONLY radio communications mode that is understood
> >> readily by both man and machine.

If that's the case, why aren't there any reliable CW (Morse) decoders? I have yet to see one that can copy the entire W1AW CW bulletin without error.

BTW, a high percentage of "old timer" RTTY ops can recognize their calls directly. Some can actually copy the slower speeds.

--
+--+ .
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+--+

3109. Re: Little LEO again (was Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep15.202838.24177@ke4zv.atl.ga.us>
Source record: 216775
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <512i2f$epl@lehi.kuentos.guam.net> pacrimgolf@kuentos.guam.net writes:
>I would hope that commercial interests realize, in the event
>of a 'takeover', it will be much easier to rid the aquired band of
>ham operators than it will be to rid it of slims.

An excellent point.

Gary

--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3110. Re: PRO - CW !!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: agray@voicenet.com
Message-ID: <323C5BC4.5E5C@voicenet.com>
Source record: 216776

Rick Perry wrote:
>
> I've been reading quite a few messages about doing away with CW or at
> least not requiring it on various levels of exams. I completely
> disagree.
>
> CW is an art form. We live in an instant gradification society, "I
> want it now !!". We've been pretty much conditioned in this mode of
> operation. Why does it have to include ham radio? What about tradition?
> Ham radio has a great tradition and CW is part of it. Things like
> making your first QSO as a new novice (I still remember mine),
> developing your skills as an operator on CW and phone, moving up to the
> next license--these are things you can be proud of. Which mode gets
> through better is not the point. Sure I 've been on for almost 40 years
> now and I'm an old -- whatever, but I am still proud of my abilities on
> CW and phone. You are advocating the loss of opportunity. No one "even
> in the dark ages" wanted to spend time on CW at the start. All I wanted
> to do was talk on phone. That was in the beginning, but as time passed
> and my skills increased I had gained something.
>
> I agree that change is usually indicated from time to time. Well, we
> got it in handfulls, no-code licensing, VE testing, expanded bands. Then
> because someone decides that CW is in their way of more frequencies, the
> answer is do away with it, rather than taking on the challenge. Should
> reward be instantly granted on request? Ham radio to many may be like
> their computer, if its running too slow go buy an upgrade. To others,
> like me, ham radio means a great deal more. You are really the loser.
> Talk to some of the old timers. Develop some real pride in your hobby
> and you will try and protect it.
>
> Because I am an Extra does that make me elite? Well, it took me 20
> years to get there (many failed exams at the FCC). No, I don't think
> I'm elite, just proud of what I did. Do I deserve more spectrum--you
> bet--I earned it! You earn it, and don't degrade the accomplishments of
> others.
>
> Rick, KG7A

Rick-

Right on!

Alan, W3BV

3111. Re: Ham Web Page

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: James Lee Tabor <ku5s@wtrt.net>
Message-ID: <323C77C8.6C29@wtrt.net>
Source record: 216777
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.space

Marty Albert wrote:
>
> Hello, Folks:
>
> I have just put up my new home page and invite all to drop in for a
> look.

Howdy Folks,

Your welcome at mine also.

73,
Jim
--
CAPMan HF Propagation Prediction & System Analysis Software
http://ourworld.compuserve.com/homepages/KU5S

3112. Re: the final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: jragland@zapcom.net*
Message-ID: <51h277$n8r@ultra.sonic.net>
Source record: 216778
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

kj7az@coffey.com (Tim) wrote:

>My final comment is this, if we are going to loose the code, then I
>say we make the cheat books illegal. Now Your Talking and all those
>other books with the questions and answers in them should be taken off
>the market. Make these guys at least earn their license and learn a
>little about Amateur Radio before giving them their ticket.

Don't get rid of books like Now You're Talking, just get rid of the
part which shows the test questions. The book Now You're Talking has
a lot of good information. Not everyone has time to go to a class in
some other city.

-

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per message--mailing denotes acceptance of these terms.

I'd rather be right, than Politically Correct - Someone

3113. Internet via Ham Radio?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: Andre <earthspy@concentric.net>
Message-ID: <323CB71F.381C@concentric.net>
Source record: 216779

I read somewhere that the Ham community was considering putting the Internet on Ham Radio (probably using a system like AMTOR). Is there any news on this? I imagine it could be done although there would be many problems to face. I've been HAM for 45 years and I know that there is no problem too tough for HAMS to solve.
73,
Andre, W2WHE

3114. Internet via Ham Radio?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: Andre <earthspy@concentric.net>
Message-ID: <323CB742.325C@concentric.net>
Source record: 216780

I read somewhere that the Ham community was considering putting the Internet on Ham Radio (probably using a system like AMTOR). Is there any news on this? I imagine it could be done although there would be many problems to face. I've been HAM for 45 years and I know that there is no problem too tough for HAMS to solve.
73,
Andre, W2WHE

3115. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: rice@ttd.teradyne.com
Message-ID: <1996Sep15.162914.1@ttd.teradyne.com>
Source record: 216781

In article <511q95$n5t@news.Hawaii.Edu>, jherman@Hawaii.Edu (Jeffrey Herman) writes:
> Jari Jokiniemi <jjo@tekla.fi> wrote:
>>I have often wondered how the general opinion would change if
>>we all had to take the test every two years or so in order to keep our
>>licences. (Like the pilots have to do.)
>
> You'd be locking out those who passed a code test but didn't use the
> code after receiving their license. The number of hams renewing their
> license would drop dramatically.
> KH2PZ / KH6

Jari is also somewhat confused about pilot licensing in the United
States. A pilots license is a 'lifetime' license. True, you must pass
a 'flight review' every two years (among other requirements) in order to
excercise the privileges granted by the license, but you do not loose
the basic license if you fail to do so.

John Rice __|__ K9IJ | rice@ttd.teradyne.com
________(*)________ |
o/ \o |
Private Pilot : ASEL, AMEL, IA | "I speak for myself, not my employer".

3116. Re: Do we build? was(Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: carl@ais.net
Message-ID: <51hgfl$pjm@news.ais.net>
Source record: 216782
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew

In <51erah$j28@news1.sunbelt.net>, flanders@groupz.net (Jerry Flanders) writes:
>BUT - those sections of the band reserved for non-phone uses shrink as
>more and more phone operators crowd the remainder. In the '50's, 75
>meters was only 200 kHz, and there was no phone on 40 at all!
>

HELLO!!! WAKE UP!!! YOU OVERSLEPT!!! THIS IS NOT THE '50S!!!!!!!!!!!!

Times have changed ... that happens ... it's part of life.
Times will continue to change ... if you're not prepared to deal with
that, you're in for continuing dissappointment.

>I suspect that in 20-30 years, there will be no parts of the band
>reserved for non-phone usage. It will all then be by "gentlemens
>agreement".

Realistically, in 20-30 years, there will not BE any ham bands if we
don't modernize and grow ... the spectrum is too valuable for other uses
to devote so much of it to 150 year old nostalgia "technology."

Hams USED to be the INVENTORS, the VISIONARIES in the radio
communications field ... always ready to invent or adopt new things to
communicate better ... NOT ANY MORE ... today's hams are stagnated in
the technology of the 1950s (or earlier) and bitch and moan and whine
any time someone proposes the use of something new and better.

If you're not prepared to be a part of the solution, please at least try
not to be a part of the problem ... get out of the way ... stop being
such obstructionists ... let the visionaries, the younger people (in age
or spirit, or both, and the newcomers lead the way to the future.

Carl - wa6vse
carl@ais.net

3117. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: carl@ais.net
Message-ID: <51hlit$t2l@news.ais.net>
Source record: 216783
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <1996Sep14.050656.17171@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
> (in response to someone else's:)
>>Somewhere I keep seeing 'Support the No Code General'. Does that mean
>>that no code proponents support giving the general phone bands to the
>>no code licenses and leaving the rest of the band as is ? Do we allow no code
>>licenses the use of the lower part of the bands, now used for CW and other
>>digital modes ? Or do we keep them on SSB ?
>
>That's what Len Winkler seems to be proposing. I don't find it an
>especially attractive option, but it basically leaves everything
>unchanged except for giving current General privileges to those who
>pass the written tests through Extra. That would mean voice and image
>on the current General voice and image sub-bands, and data on the
>currently available General data sub-bands. I've seen no mention of
>prohibition of these Generals using Morse if they see fit, merely the
>removal of a formal Morse test and replacing it with a defacto on
>air test, IE if they can do it, they can, if they can't, they won't.
>So it is possible, though somewhat unlikely, that some of them might
>choose to become CW operators. There would be no modification of the
>current Advanced and Extra sub-bands.
>
>I find this plan undesirable because it doesn't remove these
>artificial sub-bands. I see no justification for different
>exam levels for operations on essentially identical spectrum,
>using essentially identical equipment, essentially identical
>power levels, and identical modes.
>

I agree ... 100% makes no more sense than CW testing for access to those
modes/sub-bands ...

>OTOH I like the idea of telescoping the exam into one level
>encompassing all the knowledge amateurs are expected to
>have. After all, if the knowledge is legitimately necessary
>to operate in one part of a HF band, it logically is also
>necessary to operate in any other part of the band.
>

This is true as well ... I'd carry it a step further ... NO
GRANDFATHERING ... I'd require all existing licensees to be retested to
the new standards ... let's see of the CW olde fartz can "cuat the
mustard!" This would not burden the FCC significantly, and would
provide an opportunity to cull the SKs out of the license database ...
no retest, no license ... dead or alive ...

>The by mode sub-bands are a separate issue. Winkler doesn't
>address this. While in an ideal world these by mode sub-bands
>shouldn't be necessary, in the real world we probably need
>to retain them in some form to prevent the inevitable turf
>wars which would otherwise erupt due to mixing of mode usage
>on the same spectrum.
>

I'd propose 25kHz per band, bottom edge as a "CW window" ... everything else should be open season ... from the regulatory standpoint ... that way we can manage our own band plans on a voluntary basis and retain the flexibility to change our "gentleman's agreements" as needs change without having to "go back to the well" in a Rules change sense ... I'd also favor removal of all bandwidth restrictions and all restrictions on alphabets (ASCII, etc.), coding schemes for EDAC, and spread-spectrum spreading techniques ... as long as we keep our emissions in our own bands, we should be free to experiment.

>As a personal matter, I'd like to grab some of that underutilized
>spectrum toward the top of the bands for higher speed data use,
>but I'm realistic enough to understand that wouldn't sit well
>with the current occupants. There will be increasing pressure
>on the analog segments, however, as digital usage grows over
>the next decade. Just as the CD pushed out the LP, it is
>inevitable that digital will push out analog on radio as well
>unless regulations artifically prevent it.
>

I'm rapidly reaching the end of my patience with the dog-in-the-manger old guard, Gary ... many of us have tried to reason with many of them for years and years and gotten nowhere ... I believe it's time to simply steam-roller them and get on with the future of ham radio ... if we continue to pander to their "tradition" and "sensitive sensibilities" any longer, we'll only be putting the entire future of ham radio at more significant risk.

Carl - wa6vse
carl@ais.net

3118. Re: Do we build? was(Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: "Paul Christenson [N3EOP]" <paulc@cyclades.com>
Message-ID: <323C55AF.252D363@cyclades.com>
Source record: 216784
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew

Doug wrote:

> Morse, while certainly an ancient form of communication, is
> essentially like any other language. It is easy to learn and can be
> picked up by children in a short time, why not the rest of the
> population?

If I'm going to "learn" any other languages, it's going to be something a heck of a lot more useful; something like Japanese or Spanish.

> It strikes me that those who spend so much time
> complaining about the code would more efficiently use the oxygen and
> resources they consume on this earth by learning and teaching the
> code, therby ensuring it's future use in our hobby.

One question: Why should we ensure its continued use? It's slow, and not terribly efficient as far as wpm per kHz go. (20 wpm is less than 2 char/sec; 10 bits/sec if you encode it in a 5 bit system like Baudot. That should need at most 10 Hz of bandwith. CW needs a few hundred Hz. I can get ten times that throughput, error free, using 300 baud packet on HF, with not much more bandwidth.)

I don't know of anyone complaining about the USE of CW on the bands; they are complaining about the REQUIREMENT of having to become proficient at a higher-than-minimum speed in a mode they have absolutely no desire to operate.

I have a degree in Electrical Engineering, specializing in digital communications and computer science. While my ham ticket was useful in pursuing my degree, I had no need for knowing Morse (except for getting my Tech ticket 10 years ago). Even now, the only use that I have for getting a higher class license is to shut up those people whose only argument is that I'm simply trying to get out of learning the code.

> A Filter??? Maybe not,

Maybe??? Take a listen on 20m. EVERY (legal) user of that band with a US callsign passed a minimum of a 13 wpm code test. It's worse than the CB bands.

I think that the price of the radios makes a better filter than any kind of CW exam.

> but detractors should spend some time on 30
> meters listening to the new Hams and how hard they work at becoming

> proficient CW operators...it's heartening to hear.

More power to them. Nobody is proposing that CW operation be banned, or
even discouraged.

--
+--+ .
| Technical Support Engineer, Cyclades Corporation |
| 800/88-CYCLADES (882-9252) or (510)770-9727, x258 |
| Maker of High Performance Multiport Serial Cards |
+--+

3119. Re: Do we build? was(Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: carl@ais.net
Message-ID: <51hh6g$pjm@news.ais.net>
Source record: 216785
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew

In <323B6BCA.6B11@sunrise.alpinet.net>, Doug <doug@sunrise.alpinet.net> writes:
>The largest deficiency in the Hobby today lies in the mindset of those
>who enter thinking Amateur Radio is a kind of "Advanced CB" world, and
>who bring with them the same whining and culturally bankrupt attitudes
>that prevail on 27 mhz. This thinking is furthered by the present
>perception that numbers alone will save us from being made fodder by
>the ever increasing demands of a profit driven Communications Industry.
>

Not numbers alone ... but technical progress ... more efficient use of
our spectrum by larger numbers of hams, performing more useful public
service work and doing more experimentation and development of new
technologies ... those are the things that will save ham radio ...

>Morse, while certainly an ancient form of communication, is essentially
>like any other language. It is easy to learn and can be picked up by
>children in a short time, why not the rest of the population?

With this argument, you could just as well substitute "Nursery Rhymes"
for "Morse" and it would fit just fine. Would that make a test in
Nursery Rhymes a reasonable testing requirement to obtain a license
permitting access to HF spectrum???

>It
>strikes me that those who spend so much time complaining about the code
>would more efficiently use the oxygen and resources they consume on this
>earth by learning and teaching the code, therby ensuring it's future use
>in our hobby.
>

We couldn't care less if "Morse's future is ensured" ... nobody else in
the world does either, except for a few thousands of backward hams,
clinging to antiquated technologies like some sort for religious icons.

>A Filter??? Maybe not, but detractors should spend some time on 30
>meters listening to the new Hams and how hard they work at becoming
>proficient CW operators...it's heartening to hear.
>

If someone WANTS to learn Morse, fine ... otherwise, there's not one
iota of useful purpose in forcing them to learn it ... and there's
significant harm in banishing them for not learning it ...

>Perhaps it would be better for all of us to heal the wounds that divide
>us and present a united front at Warc. Our enemies are many and their
>percieved spectrum needs large. I believe our entire hobby is at stake.
>

That's EXACTLY why we feel so strongly that THE MORSE REQUIREMENT MUST
GO!

Carl - wa6vse
carl@ais.net

3120. Re: ARRL and the little LEO grab

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: rogerjb@ibm.net
Message-ID: <51h70r$3n2g@news-s01.ny.us.ibm.net>
Source record: 216786
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <1996Sep13.163918.14813@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>Even a back of the envelope analysis shows that amateurs would have
>a severe impact on the little LEO systems, as would attempts to share
>land mobile spectrum. The little LEO proponents *have* to know this.
>Yet they put forward amateurs as potential "sharing" partners. Thus
>"sharing" has to be just a strawman, a way to get their foot in the
>door so they can come back later and demand primary status on these
>amateur bands, if not exclusive status on these amateur bands.

I think that the above is EXACTLY right. The ARRL and the amateur
community in general is right to fight this proposal. We are not being
irrational in doing so. Just realistic.

Roger J. Buffington
W6VZV
rogerjb@ibm.net

USC Law School, Class of '97

"I want to die peacefully, in my sleep, like my Grandfather."
"Not screaming, and in terror, like his passengers."

3121. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: carl@ais.net
Message-ID: <51hn5e$t2l@news.ais.net>
Source record: 216787
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <51g476$lc0@bashir.peak.org>, billn@PEAK.ORG (Bill Nelson) writes:
>charles copeland (charles1@netcom.com) wrote:
>: >>Simply put, substitute much more stringent technical written
>: >>tests for code test. Thats all.
>: >
>: >So we retain all the license classes we have now, the 'subbands' by license
>: >class, drop all the code tests, and punch up all the written tests, correct ?
>: >Is this THE master plan or just your version of it ?
>
>: Its the core of the problem, CW that is. DROP THE CODE!
>
>Maybe drop it as a requirement. However, reserve a segment of each band
>for CW only - with maybe subsegments for different code speeds.

OK ... I've already said I'd go along with 25kHz, bottom of the band, on
each band, as CW-only ... anything more exclusive is too much ...
nothing to stop CW operationin the ramainder ... but more than 25kHz
exclusive is too much "dinasaur preserve" ...

>Then set
>up two code tests 10 wpm and 20 wpm. One subsegment would be for people
>who could receive at under 10 wpm - regardless of license class. This
>would allow anyone to dabble, and probably find someone who sent code as
>slowly as they could receive. The second subsegment would be for 10-19 wpm
>and the third for 20+. Make it CW only - no AMTOR, PACTOR or other modes.
>

There is no point in continuing ANY code testing ... let people dabble
with CW if they wish ... even use it exclusively if they wish ... but
make it COMPLETELY VOLUNTARY ... if people WANT to do it fine ... if
they don't LET IT DIE (a "dignified death" without a bunch of artificial
life support)

SOMEONE HELP ME ... I NEED A .GIF OF "MORSE" in the ICU ... with all of
the machines, tubes, etc. hooked up to "him" ...

>This would provide a place for people who enjoy CW, as well as those who
>do not care for more modern communications methods.
>
>As far as dying modes - isn't SSB dying out, except on the Ham and CB
>bands? Most other communications seem to be FM or digital, due to the
>increased noise immunity.
>

SSB is NOT dying out ... it is used extensively in the marine and aviation bands, by the military, and for many other things ... it will eventually be replaced by digital methods, but for now it is still quite vital (in the "health" sense, that is)

Remember, SSB is only about 50 years old on radio ... CW is roughly 3x as old ... so it only stands to be more antiquated and less used ...

Carl - wa6vse
carl@ais.net

3122. Re: IC-900A Cross-band repeat ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: "Jim Gerke, KC5OA" <jgerke@why.net>
Message-ID: <323CBEEB.71F@why.net>
Source record: 216788

Jim Barber wrote:
>
> Hi Folks,
>
> I'm looking for info on whether the IC-900A (the one with the
> 'stackable' band modules) can operate as a cross-band repeater.
> I just bought one, and I could use that feature.
>
> I've looked in all the archives I know of, but the only thing
> I've found is for extending freq range.
>
> Thanks,
> Jim Barber, N7CXI
> jlbarber@wolfenet.com

To make the IC-900 cross-band repeat, a diode needs to be installed in position 1,A in the diode matrix inside the control head. Then open up the interface "A" unit and flip the two slide switches to position 2.

Select a SIMPLEX frequency on the two bands of interest, then turn on the "Lock" switch on the side of the control head. The "Lock" indicator will blink. You are now in cross band repeat mode. To exit, turn off the "Lock" switch. Note that the crossband repeat works ONLY with simplex frequencioes. Neither will PL encode work. Hope this helps.

73, Jim, KC5OA

3123. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: billn@PEAK.ORG
Message-ID: <51i0av$sv3@bashir.peak.org>
Source record: 216789
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

carl@ais.net wrote:

: I proposed a 25kHz CW window at the bottom of the band, as a pacifier
: for the olde fartz ... let them pound brass until they're too senile to
: remember what the key is for any more ... just get them (politically)
: out of the way of progress ... (they're welcome to participate in any
: and all of the new stuff ... if they want to and they're capable of
: understanding what's going on ...)

Hm. Maybe we should also set up a 25 KHz SSB window next to it. After all, SSB is also dying - with the shift being to digital. The same should be done for FM.

Then, we can isolate ALL those who are not willing to experiment with new technology.

Bill

3124. Re: Do we build? was(Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: agray@voicenet.com
Message-ID: <323C3EDD.76CE@voicenet.com>
Source record: 216790

carl@ais.net wrote:
>
> In <519sk3$5v9@anomaly.ideamation.com>, kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:
> >In article <32383D5A.5E58@bga.com>, Chris Broadbent <cfb@bga.com> wrote:
> >
> >> BTW, my profession involves the development of
> >>device drivers & microcontrollers and work on new CPU designs.
> >
> >Sorry, you must be lieing. According to Carl-The-Omniscent, the CW
> >examination scares away the technical elite. The fact that you enjoy
> >CW means that you absolutely, positively CANNOT be an engineer. If you
> >were, you wouldn't like CW, and you'd think amateur radio consists of
> >a "bunch of geeks who know less about RF than you've forgotten".
> >
> >MD
>
> Mike,
>
> You're twisting things again ... I never said that nobody who is
> technically inclined or proficient enjoys CW ... I simply said that
> there were many, many who don't find it interesting or appealing in
> the least ... in fact, they find it backward ... and that because of
> that, they don't get into ham radio.
>
> Carl - wa6vse
> carl@ais.net

And there are many, many technically inclined and competent individuals coming into ham radio who enjoy cw- I run into them on the bands all the time. Guess those who let cw stand in their way aren't really that interested in ham radio after all. It's not much of a barrier to begin with; certainly not to someone who's really motivated.

Alan, W3BV

3125. Anyone know where to download list of available call signs?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: mc@shore.net
Message-ID: <51hffe$kgh@northshore.shore.net>
Source record: 216791

I would like to download or access a list of available callsigns - especially the 1 X 3 format. Does anyone know a ftp or web site where these may be found? I am particularly interested in finding a list of available W#XXX calls.

Thanks for the info.

73,

Michael Crestohl, KH6KD/W1
mc@shore.net

3126. Re: ARRL and the little LEO grab

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: agray@voicenet.com
Message-ID: <323C34C1.6596@voicenet.com>
Source record: 216792
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Gary Coffman wrote:
>
> In article <32354001.424B@voicenet.com> agray@voicenet.com writes:
> >Gary-
> >
> >Another mindless comment: ..."I doubt the lawyers could understand the
> >issues [even] if they were explained to them".
> >
> >Some of you so-called "technical" guys are really bigoted and narrow
> >minded. Guess only a select few, you among them, are capable of
> >understanding these "complex" issues, right Gary?
>
> Having had more than enough experience with lawyers, I feel confident
> in saying that most of them don't understand engineering issues in the
> least. That's especially true of political lawyers who think that they
> can modify physical law with retoric or by legislation.
>
> It isn't their fault mind you, they haven't been trained in the
> fundamental nature of physical law, but they have been trained to
> look for loopholes and weasel words in Man's law. Many can't tell
> the difference. When told a resistor must obey Ohm's Law, they'll
> look for loopholes to try to get the resistor off.
>
> There are a few, a very few, lawyers who have also trained as engineers,
> or have backgrounds in one of the physical sciences. They should have a
> clue, but they are very much the exception and not the rule. In fact
> one might be forced to say that they must be schizoid to hold two such
> diametrically opposed world views. Lawyers, especially lawyers in
> government service, always seem to think that they can cut a deal, or
> that reality will conform if they pass a law. But Nature doesn't make
> deals, and Nature only obeys its own laws, and always obeys its own laws,
> no exceptions, no compromise, no deals.
>
> Lawyers usually don't see the humor in aphorisms like, "Gravity, it's
> not just a good idea, it's the law." They really think it makes sense
> to set standards such as the one which requires vehicle emissions to
> be below ambient. Statements like "everyone should have an above average
> income" don't strike them as absurd.
>
> Lawyers are trained to be fine logic choppers and debaters. They are
> trained to con 12 rustics into believing black is white (or that OJ
> is looking for the "real" killer). They are not trained to deal with
> the reality underlying their chains of logic or retorical devices.

>
> Lawyers are the ultimate gamers. They can play any game under any
> set of rules, but they don't seem to grasp that there is one game
> where the rules can't be broken, or even bent just a little. That's
> not because it would be "wrong", but because there is no alternative.
> Disobeying these rules isn't a choice that can be made. Even if one
> doesn't know the rules, one still has to play by them nonetheless.
>
> That's a thought completely alien to the lawyer. It means ultimately
> that he is irrelevant. Without the possibility for lawbreakers, there
> is no need for lawyers. That is not a thought an ethical lawyer could
> embrace without changing careers. Lawyers tend to think that there is
> always a fair and equitable solution to every problem. But Nature has
> no concept of fairness or equity. A good engineer has to live with
> this every day. He knows he can't break the rules, no way, no how.
> His job is to understand the rules as best he can, and work with them
> to accomplish his tasks. If he fails, it is not because he broke the
> rules, because he can't break the rules. He fails because he failed
> to understand and apply the rules properly.
>
> And that's why lawyers have such a hard time grappling with scientific
> and engineering problems. Their worldview is fundamentally different
> from that of the engineer. It is not because they are stupid or venial,
> though there is certainly plenty of that in the legal profession. It
> is because they don't view the world the same way that an engineer
> must. Lawyers really believe that they can change the rules, an engineer
> knows that they can't.
>
> Gary
> --
> Gary Coffman KE4ZV | You make it, | Due to provider problems
> Destructive Testing Systems | we break it. | with previous uucp addresses
> 534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
> Lawrenceville, GA 30244 | |

...most of our so-called reasoning consists of finding arguments for
going on believing as well already do.

Alan, W3BV

3127. retractable antennas?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: arthurc@crl.com
Message-ID: <51hf4g$t4e@crl11.crl.com>
Source record: 216793

I'm considering getting a 2-meter or (preferably) a dual band 70/2
in-dash radio for my Toyota MR2. But I don't want the antennas
permanently looming up over the car. So:
Anyone have any suggestions as to retractable antennas that telescope
back out of sight when not in use?
Thanks!

3128. Re: New Technology (was: Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: carl@ais.net
Message-ID: <51hilf$pjm@news.ais.net>
Source record: 216794

In <1996Sep14.040954.16951@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>
>I don't recall the first article you mention, but I do the latter two.
>They appear to be good solid work, but I don't think they are novel
>in the sense of Sam Harris' parametric amplifier. That was a radical
>departure from the conventional wisdom. What we see in the articles
>you mention is just good solid application of well understood circuit
>techniques. Nothing wrong with that of course. It is very good work.
>But it isn't a major breakthru.
>

I was thinking the same thing ... good work, but really nothing new ...
It occurs to me that a fundamental problem is that many, many hams are
so stuck in the past that anything that wasn't known by everyone in the
1950s is "exotic", "new", and "radical" ... this is a MAJOR problem.

Hams used to be the leaders in communications technology ... the
inventors, the adoptors, the visionaries ... about the only "vision" I
see from most nowadays is the blank stares I get when I try to talk
about something that's truly new and recently-developed ...

>What Sam did was on the level of Armstrong deliberately introducing
>positive feedback to a detector. There are few examples of that sort
>of thing in hardware design today.

There's lots of innovation going on in hardware still, it's just not
happening in ham radio any more ... that's sad and dangerous.

>
>Five years ago most amateurs couldn't spell DSP. Today many of them
>use it as a routine part of their stations.

Most ham's "use" of DSP has NOTHING to do with how the things inside the
box work ... only with turning it on and off ... most could not begin to
tell you how the thing works or how to design one from scratch.

>That's revolutionary.
>And it is not a fad likely to quickly pass from the scene.

I'm afraid I don't see anything "revolutionary" in appliance operators
buying moderately more modern appliances ... it doesn't say ANYTHING
about the knowledge or skill of the appliance operator ...

in fact, it bodes ill for the future, because the less the appliance
operator understands the inner workings of his appliances he becomes
more and more incapable of repairing them (let alone designing and

building newer, better ones) ...

Thus, the more dependent he is on the appliance supplier and the less value he has to the regulators who control the spectrum as a knowledgable communicator/technician ... he's certainly doing ABSOLUTELY ZERO to "advance the radio art."

>We can
>do things with digital technique which are difficult or impossible
>to do with analog technique. That becomes especially apparent when
>we also adopt digital modulations and codings rather than just applying
>the new techniques to old analog signal encodings. The use of strong
>FEC and powerful ARQ protocol techniques allow us to work at signal
>levels unheard of before digital encodings displaced analog encodings.
>

I'm afraid that the average ham today doesn't understand the value of what you suggest, let alone the means to accomplish it ...
This is what we must change ...

>I agree that amateurs continue to advance the art on all fronts.

Damned few do ...

>But I think that the largest advances are happening on the software
>driven digital front rather than on the conventional analog signal
>hardware front. Like the switch from LP to CD, it is happening
>with astonishing rapidity. The day of the software driven (nearly)
>all digital radio is rapidly approaching.
>

Software is cool ... when properly applied ... and DSP is powerful, but there is still room for a lot of hardware innovation, too ... after all, the DSP requires a "front-end" and the software runs on hardware ...
but you know that, Gary ... it's the majority that I worry about ...

Carl - wa6vse
carl@ais.net

3129. Re: Anyone use a Part 15 FM Transmitter??

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: "Paul Christenson [N3EOP]" <paulc@cyclades.com>
Message-ID: <323C5AC6.236D2C4@cyclades.com>
Source record: 216795

dwh wrote:
>
> Hello,
> I am looking to hear from tech's that have experimented with the
> Part 15 FM Transmitters for broadcasting. I was thinking about
> getting one of the Ramsey Kits to play with. Has anyone had any luck
> with range and etc..on these low power tx'er?

If you plan on sending in stereo, be sure to get one that uses a crystal
for the stereo pilot tone. That is a critical frequency setting. My
friend had an early one (may have been Ramsey) that used a trimmer cap
for setting the pilot tone frequency. The radio worked fine and sounded
good in mono, but we couldn't keep it in stereo. Others that have built
the crystal controlled transmitters reported no problems at all.

--
+--+ .
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+--+

3130. Re: Do we build? was(Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <51hucb$nao@newsbf02.news.aol.com>
Source record: 216796

In article <323B6BCA.6B11@sunrise.alpinet.net>, Doug
<doug@sunrise.alpinet.net> writes:

>
>The largest deficiency in the Hobby today lies in the mindset of those
>who enter thinking Amateur Radio is a kind of "Advanced CB" world, and
>who bring with them the same whining and culturally bankrupt attitudes
>that prevail on 27 mhz. This thinking is furthered by the present
>perception that numbers alone will save us from being made fodder by
>the ever increasing demands of a profit driven Communications Industry.
>
>Morse, while certainly an ancient form of communication, is essentially
>like any other language. It is easy to learn and can be picked up by
>children in a short time, why not the rest of the population? It
>strikes me that those who spend so much time complaining about the code
>would more efficiently use the oxygen and resources they consume on this
>earth by learning and teaching the code, therby ensuring it's future use
>in our hobby.
>
>A Filter??? Maybe not, but detractors should spend some time on 30
>meters listening to the new Hams and how hard they work at becoming
>proficient CW operators...it's heartening to hear.
>
>Perhaps it would be better for all of us to heal the wounds that divide
>us and present a united front at Warc. Our enemies are many and their
>percieved spectrum needs large. I believe our entire hobby is at stake.
>
>Doug, K7YD
>
>

Amen.

Very well said.

3131. Re: PRO - CW !!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: carl@ais.net
Message-ID: <51hkjd$t1d@news.ais.net>
Source record: 216797

In <323B7D1D.134C@wolfenet.com>, Rick Perry <kg7a@wolfenet.com> writes:
>I've been reading quite a few messages about doing away with CW or at
>least not requiring it on various levels of exams. I completely
>disagree.
>

Nobody here has said "do away with CW" (as in "ban its use") ... just
the test requirement is at issue.

> CW is an art form.

So is fingerpainting ... both are equally irrelevant as qualifications
for a license to use modern digital modes, SSB, etc. on HF.

>We live in an instant gradification society, "I
>want it now !!". We've been pretty much conditioned in this mode of
>operation. Why does it have to include ham radio?

It has nothing to do with "instant gratification" it has to do with the
relevance of licensing requirements in today's world.

What about tradition?

"Tradition" is a set of outdated "values" that the "old guard"
holds up as "evidence supporting" the maintenance of the status quo.

>Ham radio has a great tradition and CW is part of it. Things like
>making your first QSO as a new novice (I still remember mine),
>developing your skills as an operator on CW and phone, moving up to the
>next license--these are things you can be proud of. Which mode gets
>through better is not the point. Sure I 've been on for almost 40 years
>now and I'm an old -- whatever, but I am still proud of my abilities on
>CW and phone. You are advocating the loss of opportunity. No one "even
>in the dark ages" wanted to spend time on CW at the start. All I wanted
>to do was talk on phone. That was in the beginning, but as time passed
>and my skills increased I had gained something.

I would submit that "gaining" something that is no longer of value (or
is of no value to the obtainer from the outset) is not a "gain" at all
.. moreover, if one has expended significent time and effort on
"gaining" it, it's, in fact, a waste ...

>Talk to some of the old timers. Develop some real pride in your hobby
>and you will try and protect it.
>

I' trying to protect it ... it's you "old guard" types who are
endangering it ... you old-timers are the ones, for the most part, who

are keeping ham radio locked in the 1950s ... that's not protecting it, that's signing it's death warrant.

> Because I am an Extra does that make me elite? Well, it took me 20
>years to get there (many failed exams at the FCC). No, I don't think
>I'm elite, just proud of what I did. Do I deserve more spectrum--you
>bet--I earned it! You earn it, and don't degrade the accomplishments of
>others.
>

You "earned it", for the most part, by demonstrating that you had, as someone put it the other day, "conditioned your nervous system to act as a modem."

My point is that in that capacity, it's a LOUSY modem ... I can build much more effective, efficient modems than that ... demonstrating the requisite knowledge SHOULD be AT LEAST an EQUALLY effective means of earning access to HF ... I would maintain more so, because the ability to design more efficient means of communicating USED to be one of ham radio's most important, valuable attributes ...

In more recent years, however, as YOUR generation has aged into the "establishment" position, that spirit of invention and progress has fallen by the wayside and been replaced with a bunch of lazy, cheapskate, whining olde fartz who'd rather stagnate in the 1950s and sit on their laurels that contribute to the future of the ham radio service ...

If that's what YOU want, fine ... but "go quietly into the night" and don't drag the entire future of ham radio down with you.

Carl - wa6vse
carl@ais.net

3132. Try out the 1st Ham Crossword Puzzle on the Web

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-1509962337300001@host40.cyberg8t.com>
Source record: 216798

What fun way to test your ham radio knowledge. If you have a java capable
browser (Netscape 3.0, 2.0 with jave plug-in, or Microsoft Explorer 3.0)
you will be able to try your hand at, the 1st ever, Ham Radio Crossword
Puzzle. You will find the crossword puzzle at http://www.sarrio.com
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront and web site developer. Located
at http://www.sarrio.com.

In association with Brillar Enterprises http://win-win.com/brillar provider of discount
CD-Roms!

3133. Re: ARRL and the little LEO grab

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: agray@voicenet.com
Message-ID: <323C5512.68FD@voicenet.com>
Source record: 216799
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

agray@voicenet.com wrote:
>
> Gary Coffman wrote:
> >
> > In article <32354001.424B@voicenet.com> agray@voicenet.com writes:
> > >Gary-
> > >
> > >Another mindless comment: ..."I doubt the lawyers could understand the
> > >issues [even] if they were explained to them".
> > >
> > >Some of you so-called "technical" guys are really bigoted and narrow
> > >minded. Guess only a select few, you among them, are capable of
> > >understanding these "complex" issues, right Gary?
> >
> > Having had more than enough experience with lawyers, I feel confident
> > in saying that most of them don't understand engineering issues in the
> > least. That's especially true of political lawyers who think that they
> > can modify physical law with retoric or by legislation.
> >
> > It isn't their fault mind you, they haven't been trained in the
> > fundamental nature of physical law, but they have been trained to
> > look for loopholes and weasel words in Man's law. Many can't tell
> > the difference. When told a resistor must obey Ohm's Law, they'll
> > look for loopholes to try to get the resistor off.
> >
> > There are a few, a very few, lawyers who have also trained as engineers,
> > or have backgrounds in one of the physical sciences. They should have a
> > clue, but they are very much the exception and not the rule. In fact
> > one might be forced to say that they must be schizoid to hold two such
> > diametrically opposed world views. Lawyers, especially lawyers in
> > government service, always seem to think that they can cut a deal, or
> > that reality will conform if they pass a law. But Nature doesn't make
> > deals, and Nature only obeys its own laws, and always obeys its own laws,
> > no exceptions, no compromise, no deals.
> >
> > Lawyers usually don't see the humor in aphorisms like, "Gravity, it's
> > not just a good idea, it's the law." They really think it makes sense
> > to set standards such as the one which requires vehicle emissions to
> > be below ambient. Statements like "everyone should have an above average
> > income" don't strike them as absurd.
> >
> > Lawyers are trained to be fine logic choppers and debaters. They are
> > trained to con 12 rustics into believing black is white (or that OJ

> > is looking for the "real" killer). They are not trained to deal with
> > the reality underlying their chains of logic or retorical devices.
> >
> > Lawyers are the ultimate gamers. They can play any game under any
> > set of rules, but they don't seem to grasp that there is one game
> > where the rules can't be broken, or even bent just a little. That's
> > not because it would be "wrong", but because there is no alternative.
> > Disobeying these rules isn't a choice that can be made. Even if one
> > doesn't know the rules, one still has to play by them nonetheless.
> >
> > That's a thought completely alien to the lawyer. It means ultimately
> > that he is irrelevant. Without the possibility for lawbreakers, there
> > is no need for lawyers. That is not a thought an ethical lawyer could
> > embrace without changing careers. Lawyers tend to think that there is
> > always a fair and equitable solution to every problem. But Nature has
> > no concept of fairness or equity. A good engineer has to live with
> > this every day. He knows he can't break the rules, no way, no how.
> > His job is to understand the rules as best he can, and work with them
> > to accomplish his tasks. If he fails, it is not because he broke the
> > rules, because he can't break the rules. He fails because he failed
> > to understand and apply the rules properly.
> >
> > And that's why lawyers have such a hard time grappling with scientific
> > and engineering problems. Their worldview is fundamentally different
> > from that of the engineer. It is not because they are stupid or venial,
> > though there is certainly plenty of that in the legal profession. It
> > is because they don't view the world the same way that an engineer
> > must. Lawyers really believe that they can change the rules, an engineer
> > knows that they can't.
> >
> > Gary
> > --
> > Gary Coffman KE4ZV | You make it, | Due to provider problems
> > Destructive Testing Systems | we break it. | with previous uucp addresses
> > 534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
> > Lawrenceville, GA 30244 | |
>
> ...most of our so-called reasoning consists of finding arguments for
> going on believing as we already do.
>
> Alan, W3BV

3134. Re: re who enjoys cw

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: carl@ais.net
Message-ID: <51hnc5$t2l@news.ais.net>
Source record: 216800

In <1996Sep14.020226.16258@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>
>(Of course you can cut up a conditioned flatworm and feed
>it to other flatworms and they'll exhibit the same response
>to stimulus without the need for extensive conditioning.
>Perhaps that's how to clean up CB, we'll cut up some Morse
>conditioned amateurs and feed them to the CBers. That will
>then somehow make them morally superior beings as well.)
>
>Gary

First modern use for "Morse conditioned amateurs" I've ever heard of ...
too bad it's illegal ... :-)

Carl - wa6vse

3135. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: Jim Conn <jconn@gte.net>
Message-ID: <323CC0B1.5020@gte.net>
Source record: 216801
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

carl@ais.net wrote:
>
> I proposed a 25kHz CW window at the bottom of the band, as a pacifier
> for the olde fartz ... (they're welcome to participate in any
> and all of the new stuff ... if they want to and they're capable of
> understanding what's going on ...)
>
> Carl - wa6vse
> carl@ais.net

Carl,

Your prejudice toward older hams seems disgusting and mean spirited.
If it were not for those who have gone before us, there would not be a
ham radio service at all. We owe a debt of gratitude to these pioneers,
and to those who have done battle in the past and present to preserve our
hobby.

Hams who are older are not stupid because they are old. For example, are
you getting stupider as you are getting older? I hope not. Such
stereotypes engender anger and resentment, and are of the same ilk as
similar stereotypes involving race, gender, religion, to mention a few.

Stereotyping those of us who support continued code testing into a class
that needs a "pacifier", and insinuating that we are incapable of
understanding the "new stuff", is not likely to cause us to support a
proposal that would throw us a crumb by giving us the lower 25KHz of the
bands we currently have full advantage of.

I don't know your age, nor do I care; however, just remember that each of
us, if we live, will grow old. I hope you will be able to receive with
equanimity the same that you have given, when you become a member of the
senior citizen category.

I believe you could argue your case without casting aspersions on
seniors. Besides, there are many who support continued code testing who
are far from being senior citizens, and no doubt some seniors support the
elimination of code testing.

Jim - AD4VL

3136. Re: Learning/Improving CW Skills

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: billn@PEAK.ORG
Message-ID: <51i191$sv3@bashir.peak.org>
Source record: 216802

Vince Roberts (vroberts@rpa.net) wrote:
: billn@PEAK.ORG (Bill Nelson) wrote:

: >Vince Roberts (vroberts@rpa.net) wrote:
: >: Don't waste your time and money on the Gordon West tapes. Get Code
: >: Quick for a little more than 20 bucks more. It works, or he'll give
: >: you your money back. Won't get that from Radio Shack

: >Is Code Quick that "sight/sound" system? If so, it is to be avoided
: >if a person plans on getting over about 9/10 wpm without a great
: >struggle.

: That's just plain ridiculous. I don't know what you mean by
: "sight/sound" system. Code Quick uses mnemonic devices.

: I made the assumption that the person was trying to LEARN the code,
: not increase speed, The Radio Shack tapes are useless for both. One
: can learn the code in days with Code Quick. Increasing speed is
: another issue entirely, but you have to know it to improve it.

Mnemonic devices, as well as all other such "crutches", cripple a
person when they want to increase their speed. In my opinion, it
is a disservice to the student to do so.

The Radio Shack tapes work for both learning the code and increasing
speed. You just do not learn the code as quick as you would with the
various "mnemonic" or "sight/sound" or "visualization" systems.

Now, if the intent is to just learn the code, then Code Quick would be
fine. For someone who wants to become proficient with code, it is an
impediment.

It all depends on the person's ultimate goal.

Bill

3137. Vanity Gate Info Request

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: rst-engr@oro.net
Message-ID: <51hlmq$nbm@li.oro.net>
Source record: 216803

Can anybody please post a FAQ or the abbreviated rules for the gate opening
on the 23rd? Preferably in English as opposed to FCCese.

Or a URL where the full-blown FCC bushwa version can be read?

Jim

Jim Weir VP Engineering | You bet your sweet patootie I speak for the
RST Engineering | company. If I don't, ain't nobody gonna.
Grass Valley CA 95945 |
http://www.rst-engr.com | AR Adv WB6BHI--FCC 1st phone---Cessna 182A N73CQ
jim@rst-engr.com | Commercial/CFI-Airplane/Glider-A&P-FAA Counselor

3138. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <51igac$k1a@anomaly.ideamation.com>
Source record: 216804
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <51i6dr$8bn@news.ais.net>, <carl@ais.net> wrote:

>SSB is NOT dead ... just middle-aged ... CW, on the other hand is
>positively fossilized ..

Given that one is, at best, only a few years younger than the other,
methinks that your statement is biased from your own inherent dislikes.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

3139. DX Club BBS alert doesn't ID.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: bd703@scn.org
Message-ID: <Dxqzr8.F22@scn.org>
Source record: 216829

There is a computer generated voice "DX Alert" on the 147.00 repeater
in Seattle. Apparently this is accessed from a BBS.

This is fine and dandy except that the alert never ID's after keying the
radio at the owners home. (never gives callsign so I can't tell the owner)

Is there some one who can bring this to the owner's attention and get it
fixed?

Kerwin

N7JGW

--
****
* They know who you are...
bd703@scn.org * They know where you live...
* And there's no doubt about it!

3140. (none)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: n9xlc@juno.COM
Message-ID: <19960913.193735.2167.5.N9XLC@juno.com>
Source record: 216830

```
help
```

3141. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: Cecil Moore <w6rca@worldnet.att.net>
Message-ID: <51fqbn$juc@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 216831
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

kd1hz@anomaly.ideamation.com (Michael P. Deignan) wrote:
>In article <51eper$ecs@abyss.West.Sun.COM>,
> Dana Myers <myers@West.Sun.COM> wrote:
>
>>Actually, I think the tests should include complex math, too.
>
>I think that's very snobbish and elitist of you.

Hey Michael, it was humor, a play on words. Someone said there should be some "real" math on the tests. Dana said "complex" math should be included. Get it? - real numbers and complex numbers? - real plus imaginary equals complex - like R+jZ. I got it!

73, Cecil, W6RCA

3142. Re: BULLETIN: ALL SAFE! 14 Year Old Sailor Not Heard in 3 Weeks

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: vbook@vbook.com
Message-ID: <51fqtu$c61@kanga.accessone.com>
Source record: 216832
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc

In article <tgmDxpB68.9BD@netcom.com>, tgm@netcom.com says...
>
>Ed Mitchell (vbook@vbook.com) wrote:
>: 14 year old Subaru Takahashi is making a solo crossing of the Pacific Ocean
>: from Japan to the United States - in a 30 foot yacht. According to Masa
>: Sakamoto, KN6RJ, Subaru, who's call sign is JH0YCG, has not been heard since
>: August 18th.
>
>Most probably, Master Subaru sleeps with the fishes.
>Talking to a dead man on ham radio--now that would be some DX!
>But what a great QSL card . . .
>

Subaru sailed into port late Saturday afternoon, at San Francisco CA. He had
suffered generator power failures that cut off his radio communications.

Ed (KF7VY) and Kim (N7VPL) Mitchell
email to vbook@vbook.com
Visit Ham Radio Online, it's free! at
http://www.hamradio-online.com

3143. Re: DX Club BBS alert doesn't ID.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: richgr@netcom.com
Message-ID: <richgrDxr74A.49B@netcom.com>
Source record: 216833

In article <Dxqzr8.F22@scn.org>, SCN User <bd703@scn.org> wrote:
>
>There is a computer generated voice "DX Alert" on the 147.00 repeater
>in Seattle. Apparently this is accessed from a BBS.
>
>This is fine and dandy except that the alert never ID's after keying the
>radio at the owners home. (never gives callsign so I can't tell the owner)
>
>Is there some one who can bring this to the owner's attention and get it
>fixed?

Perhaps the repeater sysop would know.
--
Rich Greenberg
N6LRT TinselTown, USA Play: richgr@netcom.com 310-649-0238
Pacific time. I speak for myself & my dogs only. VM'er since CP-67
Canines: Val(Chinook,CGC), Red(Husky,(RIP)), Shasta(Husky) Owner:Chinook-L

3144. Re: stacking yagi's

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: richgr@netcom.com
Message-ID: <richgrDxr7B9.4oL@netcom.com>
Source record: 216834

In article <3238BA1B.5850@fishnet.net>,
Mike Snowden <mikes@fishnet.net> wrote:
>I am trying to find out which is the better way to stack a pair of yagi
>horizonally polarized. Does anyone have any thoughts on the pair being
>stacked on top of each other or side by side. Please let me know what you
>think. thanks, Mike

Stacking vertically is a much easier mechanical arrangement.
--
Rich Greenberg
N6LRT TinselTown, USA Play: richgr@netcom.com 310-649-0238
Pacific time. I speak for myself & my dogs only. VM'er since CP-67
Canines: Val(Chinook,CGC), Red(Husky,(RIP)), Shasta(Husky) Owner:Chinook-L

3145. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1Dxr7Kv.7vE@netcom.com>
Source record: 216835
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <51f5on$ie2@news.ais.net>, <carl@ais.net> wrote:
>In <51eper$ecs@abyss.West.Sun.COM>, myers@West.Sun.COM (Dana Myers) writes:
>>
>>Actually, I think the tests should include complex math, too.
>>
>
>Yeah ... let's see how well the CW folks do with FFTs, FIR filter
>design, etc.

Or calculus, differential equations, quantum physics.

3146. atomic clock software?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: clint.bradford@atdbbs.com
Message-ID: <9609141812523826@atdbbs.com>
Source record: 216836

ACCUSET is a great one...look for ACUSET35.ZIP (maybe a newer version is available!).

ACCUSET v3.5 - Ultimate Clock Enhancement
Utility for Windows. Accurately synchronize
your PC clock with either of the USNO/NIST/
Italy/Austria/Sweden/Australia/UK/Canada
Germany atomic clocks. Determines clock's
accuracy & can compensate for error rate;
Digital/text interface; Title bar clock;
Auto DST support; Call logging; manual time
editing; Shows times in up to 5 cities &
MUCH MORE! ONLY $10! [Req. VBRUN300.DLL]

Available on ATTENTION to Details BBS.

clint.bradford@atdbbs.com
---
* TLX v4.00 * ATTENTION to Details AMATEUR RADIO BBS - 909/681-6221

3147. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1Dxr7zu.8G9@netcom.com>
Source record: 216837
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <51egc9$gn4@lehi.kuentos.guam.net>,
Jim Kehler <pacrimgolf@kuentos.guam.net> wrote:
>charles1@netcom.com (charles copeland) wrote:
>
>>The booze must have worn off from your last "Carl" post.
>
>I don't drink. I do drugs. Much more cost effective. And the police never
>arrest people for having an open prescription bottle in the car. As a matter of

Let me guess ... phenobarbitol? thorazine?

>fact, if the U.S. were to ban alcohol, I would vote to ban CW in a second.

Did I miss something? I don't see the relation ... incoherent.

>But thanks for another example of why we can't discuss ANYTHING
>rationally here.

Rational discussion? You have to think rationally first.

>>Simply put, substitute much more stringent technical written
>>tests for code test. Thats all.
>
>So we retain all the license classes we have now, the 'subbands' by license
>class, drop all the code tests, and punch up all the written tests, correct ?
>Is this THE master plan or just your version of it ?

Its the core of the problem, CW that is. DROP THE CODE!

3148. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: w9sz@prairienet.org
Message-ID: <51g2b0$758@vixen.cso.uiuc.edu>
Source record: 216838

In a previous article, kc5egg@ix.netcom.com (Gerald Schmitt) says:

>>>>
>>>>I'll buy that. Let's go back to the days where you had to draw
>>>>schematics and do 'real math'. No more 'memorize the test'. I'd go
>for
>> ^^^^^^^^^
>>>>that...
>>>>
>>>
>>>Me, too! NO PROBLEM!
>>
>>Actually, I think the tests should include complex math, too.
>>
>>--
>> * Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and
>should *
>> * (310) 348-6043 | not be interpreted or represented as
> *
>> * Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc.
> *
>>
>
>And what's the matter with; hole theory, relativistic momentum
>equations, or just a touch of quantum mechanics. Actually all of the
>above are useful in amateur radio but unlike CW you don't have to
>master them to enjoy the hobby.
>
> 73 Jerry

Heck, let's throw the Zone System in too!

73, Zack W9SZ

--

3149. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: billn@PEAK.ORG
Message-ID: <51g476$lc0@bashir.peak.org>
Source record: 216839
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

charles copeland (charles1@netcom.com) wrote:
: >>Simply put, substitute much more stringent technical written
: >>tests for code test. Thats all.
: >
: >So we retain all the license classes we have now, the 'subbands' by license
: >class, drop all the code tests, and punch up all the written tests, correct ?
: >Is this THE master plan or just your version of it ?

: Its the core of the problem, CW that is. DROP THE CODE!

Maybe drop it as a requirement. However, reserve a segment of each band for CW only - with maybe subsegments for different code speeds. Then set up two code tests 10 wpm and 20 wpm. One subsegment would be for people who could receive at under 10 wpm - regardless of license class. This would allow anyone to dabble, and probably find someone who sent code as slowly as they could receive. The second subsegment would be for 10-19 wpm and the third for 20+. Make it CW only - no AMTOR, PACTOR or other modes.

This would provide a place for people who enjoy CW, as well as those who do not care for more modern communications methods.

As far as dying modes - isn't SSB dying out, except on the Ham and CB bands? Most other communications seem to be FM or digital, due to the increased noise immunity.

Bill

3150. Re: stacking yagi's

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: billn@PEAK.ORG
Message-ID: <51g4a8$lc0@bashir.peak.org>
Source record: 216840

Rich Greenberg (richgr@netcom.com) wrote:
: In article <3238BA1B.5850@fishnet.net>,
: Mike Snowden <mikes@fishnet.net> wrote:
: >I am trying to find out which is the better way to stack a pair of yagi
: >horizonally polarized. Does anyone have any thoughts on the pair being
: >stacked on top of each other or side by side. Please let me know what you
: >think. thanks, Mike

: Stacking vertically is a much easier mechanical arrangement.

Yes, but harder on the rotator.

Bill

3151. Re: stacking yagi's

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: "DR. DAVE" <D.R.ABSHIRE@worldnet.att.net>
Message-ID: <323B9C99.77E9@worldnet.att.net>
Source record: 216841

Bill Nelson wrote:
>
> Rich Greenberg (richgr@netcom.com) wrote:
> : In article <3238BA1B.5850@fishnet.net>,
> : Mike Snowden <mikes@fishnet.net> wrote:
> : >I am trying to find out which is the better way to stack a pair of yagi
> : >horizonally polarized. Does anyone have any thoughts on the pair being
> : >stacked on top of each other or side by side. Please let me know what you
> : >think. thanks, Mike
>
> : Stacking vertically is a much easier mechanical arrangement.
>
> Yes, but harder on the rotator.
>
> Bill

Hi Bill

I have stacked them both ways. I prefer one on top the other @ 1/2 wave apart if possible. But Bill is right its real hard on the rotor. But depends on what band you are using. Like I wouldn't on 40meters. WOHA
Dave

3152. Re: Little LEO again (was Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: "William A. Wetzel" <n6rky@pacbell.net>
Message-ID: <323BA9EB.953@pacbell.net>
Source record: 216842
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

> >>I doubt that Sumner realized how anti-social an e-mail bombing really
> >>is when he encouraged all hams to do it to the IWG-2 committee members,
> >>but that doesn't change the fact that it was anti-social. Am I being
> >>negative when I point out that the ARRL leadership encouraged the
> >>hams to do something considered very rude?

--
Somehow I believe that all of this effort (right-or-wrong) is not going
to make much of a difference. Has anyone considered letters to Congress
as the way to make a real impact? So far, the only result I can see for
all this effort is a lot of hard feelings on all sides.

It appears that we all agree on what we want, but the method of getting
what we want is in question. Instead of all this nit-picking on the net
we should be writing congress instead of doing the "who done what" with
it's usual results.

--
William A. Wetzel
N6RKY@JUNO.COM
N6RKY@PACBELL.NET

3153. Re: BULLETIN: 14 Year Old Sailor Not Heard in 3 Weeks

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: anthonys@ix.netcom.com
Message-ID: <51gb9n$jen@dfw-ixnews6.ix.netcom.com>
Source record: 216843

In <51esjq$mje@newsbf02.news.aol.com> emtp4355@aol.com (EMTP4355)
writes:
>
>In article <323abed1.36696011@news.syspac.com>, dnorris@k7no.com
(Ohrstal
>Fembrock) writes:
>
>>Well, he sailed into SF Bay Friday in good health and great spirits.

>>
>>Congrats to him.
>
>Why the lose of communications? (just interested) Glade to here he
is
>alright.
>
>Joseph K. Murphy, EMT-P
>KF4KEK
>emtp4355@aol.com

Very simple: the engine and the battery died. Typical loss
of electronics at sea!

-=Tony=- W6ANV

3154. Re: Learning/Improving CW Skills

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: billn@PEAK.ORG
Message-ID: <51gej2$mff@bashir.peak.org>
Source record: 216844

Vince Roberts (vroberts@rpa.net) wrote:
: Don't waste your time and money on the Gordon West tapes. Get Code
: Quick for a little more than 20 bucks more. It works, or he'll give
: you your money back. Won't get that from Radio Shack

Is Code Quick that "sight/sound" system? If so, it is to be avoided
if a person plans on getting over about 9/10 wpm without a great
struggle.

Bill

3155. 73 AMATEUR RADIO

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: Team Orion <riconeid@iprolink.ch>
Message-ID: <323BD0BE.1F44@iprolink.ch>
Source record: 216845

I am searching a copy of 73 Amateur Radio 7/77 in which a schematic of a Simple Nicad Battery Zapper was published. Would somebody help me to get a copy of it?

May be some ham could give me the address of 73 Amateur Radio so that I can get into contact with them.

Many thanks and 73 from HE9FPK

Rico
--
Internet ProLink PC User

3156. Re: Little LEO again (was Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep15.040824.21439@ke4zv.atl.ga.us>
Source record: 216846
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <515noo$mmk@abyss.West.Sun.COM> myers@West.Sun.COM (Dana Myers) writes:
>I've been on the net long enough to recognize an e-mail bombing in the
>works. If 1000 amateurs write physical letters to the FCC, some low-paid
>clerk sifts through the mail bags - if 1000 amateurs write e-mail to
>individual FCC employees, these well-paid employes have to spend time
>sifting through their mailboxes. If you don't think this is a hassle,
>I'll tell you how to create a 'sendsys' Usenet control message and
>you can tell me what you think about a flood of mail.
>
>I doubt that Sumner realized how anti-social an e-mail bombing really
>is when he encouraged all hams to do it to the IWG-2 committee members,
>but that doesn't change the fact that it was anti-social. Am I being
>negative when I point out that the ARRL leadership encouraged the
>hams to do something considered very rude? Again, if you don't think
>an e-mail flood is rude, you haven't been there yet. It is a kind of
>terrorism.

Sumner just sent the State Dept a message, that war is
the conduct of diplomacy by other means. And he made
sure it wasn't just something that they'd hear about
from some low level clerk. He made sure it was something
that they would experience up close and personal.

The ARRL rep had tried ordinary diplomacy. That failed.
He tried a bit of saber rattling. That failed too. So
Sumner had two choices, back down and admit the ARRL
was all talk, or make a precision strike on high value
targets to convince them he was serious. He chose the
latter course.

In this instance, I think it was the correct course.
Politics is often rude, and nice guys usually finish
last. The ARRL tried playing the nice guy on 220 MHz,
and lost. This time the stakes are higher and they're
playing hardball.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3157. William Sheets

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: Team Orion <riconeid@iprolink.ch>
Message-ID: <323BD1F4.39A0@iprolink.ch>
Source record: 216847

In the boock "Power Supply and Battery Charger Circuit" by Rudolf F. Graf, edited by McGraw-Hill in 1992 I have seen many references to "WILLIAM SHEETS". Does sombody know where I can get copies of the mentionned "WILLIAM SHEETS" ?

Thanks for any help.

73 and best regards

HE9FPK

Rico
--
Internet ProLink PC User

3158. Re: Learning/Improving CW Skills

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: john@wd1v.mv.com
Message-ID: <john-1509960556190001@wd1v.mv.com>
Source record: 216848

In article <51ejkl$h78@ccnet2.ccnet.com>, T E I X E I R A
<teixeira@ccnet.com> wrote:

> I have also seen the "Gordon West" CW tapes at Radio Shack.
>
> Don
> AC6TG

Check out the new Ham Radio.FAQ on my home page. Many ideas of
best way to learn the code. Consider that there are some ways for
some people to learn it that DON'T WORK and others that DO. Therefore,
one has to LOOK and TRY the various methods or they make the
task hard and not fun. Why use a heavy shovel as a fly swatter? We
learn different things BEST in different ways.

73,

John D. Seney |_|_|_|_| john@wd1v.mv.com
144 Pepperidge Dr |_| |_| page 5956779@skymail.com
Manchester, NH 03103-6150 |_|_ _|_| wd1v@wb1dsw.nh.usa.noam
voice mail 603.533.3472 | | | | | fax 603.627.1623

www.mv.com/ipusers/wd1v
Digital Scope.FAQ + Application Notes

3159. BIG LOBEIRA ISLAND (21-22sep96)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: Jose Antonio Fachal Mosteiro <jafachal@lander.es>
Message-ID: <323BD423.638@lander.es>
Source record: 216849

EXPEDITION OF THE COPNTEST GRUPO WWE TO

BIG LOBEIRA ISLAND

THE 21 - 22 SEPTEMBER 1.996

Especial Call AM-1-ILO

GEOGRAPHIC SITUATION

In the Northwest of Spain, the Big Lobeira Island set in full Costa da Morte (The Death Coast) in Galicia, is situated about 2 nautical miles from
the coast, among the town councils of Corcubion, Cee and Dumbria. It is found, likewise, next to the known Finisterre Lighthouse.

BIG LOBEIRA ISLAND

It is the biggest of a little group of small islands named Lobeiras. Its surface spreads over 9000sq mts and at a high of 18 mts over the sea level.

AWARDS AND QSL INFORMATION

Lobeira Island is valid for the following awards:

FAROS DE ESPAï¿½A AWARD (Spanish Ligthhouses Award) with D-1756 reference. For any information contact with EA5KB-Pepe.

IDE AWARD (Islas De Espaï¿½a-Spanish Islands) with O-133 reference. This award is managed by the UREï¿½S LOCAL SECTION from PATERNA, whos President is
EA5MO-Manuel.

QSL manager of the operation, like other operations of the WWE group, is EA1EPB (lgros@coverlink.es) QSL cards will be answered without problem VIA
BUREAU. Nevertheless, we will be very gratefull for your dollars which will
be donated to the UNICEF Central Office in La Coruï¿½a.

For any explanation about this operation you can send a mail to :

EA-1-EPB - P.o.Box 974 - 15080 - La Coruï¿½a Espaï¿½a.
(lgros@coverlink.es)

http://breogan.coverlink.es/~lgros/isla/lobeira.html

3160. Re: BULLETIN: 14 Year Old Sailor Not Heard in 3 Weeks

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: T E I X E I R A <teixeira@ccnet.com>
Message-ID: <51gbjm$mbu@ccnet2.ccnet.com>
Source record: 216850
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc

>: 14 year old Subaru Takahashi is making a solo crossing of the Pacific Ocean
>: from Japan to the United States - in a 30 foot yacht. According to Masa
>: Sakamoto, KN6RJ, Subaru, who's call sign is JH0YCG, has not been heard since
>: August 18th.

>Most probably, Master Subaru sleeps with the fishes.
>Talking to a dead man on ham radio--now that would be some DX!
>But what a great QSL card . . .
>
My previous post was no joke........he arrived in San Francisco, his boat is in Tiburon.

Don
AC6TG

3161. Ham Web Page

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: marty@trucom.com
Message-ID: <51hb1a$hj2@thepit.trucom.com>
Source record: 216851
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.space

Hello, Folks:

I have just put up my new home page and invite all to drop in for a look. Included at the site are the following areas:

Ham Radio -- Mostly packet, mostly high speed

Pipe Smokers -- Very, very much still under construction

Astronomy -- Mostly Amateur Radio Astronomy (good 2nd interest for Hams!)

Mapping -- Mostly about elevation maps

Heartland Internet Services -- Lots of Web Presence information

The URL to use is:

http://www.trucom.com/ppages/marty

Thanks!

Take Care & 73

Marty Albert - marty@trucom.com
Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM

Heartland Internet Services

****
Virtual Servers and More!
http://www.trucom.com/ppages/marty
****

3162. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: carl@ais.net
Message-ID: <51hfct$pjm@news.ais.net>
Source record: 216852
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In <1996Sep14.181141.19238@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>>(Carl wrote:)
>>There should be no need for agreements ... standards already exist
>>(you're using them as you read this ... TCP/IP, SMTP, POP, NNTP, etc.
>>etc. No need to re-invent the wheel ... interoperability is also
>>important ... otherwise the ampr.org domain is DOOMED to perpetual
>>isloation ... the place where there's LOTs of room for improvement and
>>experimentation and advancement by hams is in Layer 1 and Layer 2 and in
>>the Application Layer ...
>
>You don't understand, Carl. Jim has touched on a very real problem.
>Data networks are 90% people and organization, and 10% technology.
>We have the technology in hand, that's not the problem. The problem
>is to have the people and organizational structures in place to erect,
>operate, and maintain the network. This is expensive, time consuming,
>and requires an enormous amount of planning, coordination, and politicking.
>This is where critical mass becomes vital.
>

Peace ... my point was that there should be vitually NO bickering about
protocols and so forth .... the TCP/IP protocols are the defacto
standard for interoperability and AX.25, ROSE, NETROM, and any other
TNC-based kluges should be abandoned (rules changes should happen at
allow this immediately, if not sooner).

>It is necessary to develop a consensus among a large enough group to
>form a critical mass in order for a network to be successful. In essence,
>a club has to be formed in much the same way that clubs are formed around
>regular voice repeaters. We call them LANs (though technically they should
>be called MANs). And there needs to be an umbrella structure erected to
>encompass multiple LANs, tying them into one coherent network. Generically,
>that's a WAN, in Georgia, we call this GRAPES. It is structured as a club
>of clubs, IE its members are the actual LANs it encompasses, not individuals.
>
>Forging the consensus is the hardest part. As Jim notes, when you get
>a group of hams in a room, it gets mighty cramped due to all the big
>egos involved. It requires a deft political touch to get all these
>people to agree on what to have for lunch, much less on how to structure
>and build a network. We were fortunate to have a few people with just
>such political skills. This still didn't happen overnight. It took years
>of work, and still takes work to hold it together.
>

Agreed ... the egos and politics are the biggest barriers to gatting
anything done.

>As with most voluntary organizations, the main problem is that 100%
>of the members have opinions, but only 2% are willing to actually
>do any work. Those 2% can be easily burnt out if you're not careful.
>There's no way that a small core networking group can maintain a
>statewide network by themselves. In Georgia, the mileage alone is
>daunting. So each LAN is charged with maintaining its own equipment,
>and contributing to the maintenence of the interties. That way the
>workers don't have to chase all over the state all the time.
>

Good idea ... put the burden on the folks who use the stuff.
I'll go along with that ... the core techno-weenies can *train* the
locals, as necessary, to install and maintain their own LANs ... and
devote more of their time to designing new goodies and planning for th
future. Sounds like the best allocation of resources to me.

>
>The problem is that the network developers get bored when the
>network is completed. They want to go on to other things. So
>a different group has to be recruited and trained whose main
>focus is maintaining and operating the network. This wasn't
>obvious to us in the beginning. It is painfully clear now.
>

This goes hand in hand with what we just said.

Carl - wa6vse
carl@ais.net

3163. Re: Computer Interface for TS-440

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: Brian Gilhuly <brian@synapse.net>
Message-ID: <01bba318$60f1c2e0$a03454c7@finn>
Source record: 216853

Hi Mike,

It's almost as easy as that, but not quite.

First, you need to enable the serial port on the 440, which you do by installing two ICs in sockets on the digital board (behind the front panel). There are clear instructions in the 440 manual, but they fail to tell you that the ICs required are an 8251A and a 4040 (older chips, but still fairly easy to find).

Then, because the 440's port is at TTL level, you need a TTL-to-RS-232C level converter. You can buy a Kenwood IF-232C (excellent but expensive) or build your own of comparable quality following plans in the 1995 and 1996 ARRL Handbook (reprinted from Feb 93 QST). Ramsey and MFJ have in the past sold (inferior but cheap) converters.

All this info is available on my Kentrol web site, along with some idea of why it's worth doing.

73 de Brian

--
Brian Gilhuly VE3BGB Kentrol Software Web Site:

http://www.synapse.net/~kentrol/
e-mail: Latest files:
brian@synapse.net ftp.synapse.net/private/k/kentrol/

Mike Chapman <ki5mp@worldnet.att.net> wrote in article
<323ab383.6947090@netnews.worldnet.att.net>...
> Does anyone have the wiring information to construct a cable to
> connect a personal computer to the ACC-1 jack on the back panel of the
> Kenwood TS-440? I assume this cable would connect the transceiver to
> an available serial port on the PC. Any information would be
> appreciated.
>
> Thanks,
> Mike, KI5MP
>

3164. Re: "Exotic" HF Digital vs. CW,SSB

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-15 00:00:00 UTC
From: carl@ais.net
Message-ID: <51helc$pjm@news.ais.net>
Source record: 216854
Cross-posted to: rec.radio.amateur.misc,rec.radio.,amateur.digital

In <01bba273$0adcc580$84070ccf@jim-reid-1>, "Jim Reid" <jreid@aloha.net> writes:
>The HF digital "-tor" and Clovor modes are evidently not suited to
>the usual (that is, what is going on now) for today's HF radio
>amateur. I had a KAM Plus for awhile, and found you can neither
>send nor expect to hear a call for QSO by sending a CQ out on
>a random frequency somewhere in the generally agreed upon
>digital band windows. You can with an RTTY siganl, but all the
>others, I was told, require a prearainged freq,time schedule!
>Is this true?
>

No ...

>I also found, that even if you were to try to join in on a 20 meter
>packet frequency, you would be excluded as you "didn't know the
>code, or proper password to use to get in". Is this true?
>

No ...

>Evidently operators of the digital modes, other than RTTY, do
>not send CQ's or otherwise entertain QSO's with other than
>predetermined recipients. Is this true?
>

No ...

>I have never heard a DXpedition use any digital mode other than
>RTTY on HF. I understand that after much discussion on the newgroups,
>that CW is not considered a true digital mode; too much human
>randomness creeps in to mess up the true digital timing nature.
>

CW, or more correctly, OOK-CW, actually is digital in a crude sense. It
is however, probably the poorest coding scheme ever devised for
representing plain text messages in digital form.

(I'm sure the high-priests of the Morse-odist religion will promptly
brand me a heretic of the highest (or lowest, maybe) sort for this
statement)

>If the above points are true about HF digital modes, regardless of
>their superiority in thru-put rate, error freedom, etc., they are likely
>never to be accepted by the general HF amateur community.

Again, the assumptions/assertions above are false ...

>The
>HF operator, unlike the VHF operators, like to roam the bands,
>find random and far away folks to chat with on both SSB and CW.
>Both of these modes have there pros and cons, but at least you
>have a chance of hearing a weak signal calling for a contact on a
>random frequency in the band, and probably being able to establish
>a plesant QSO, QSB and QRM permitting.

There is nothing inherent in things digital that would preclude implementing systems capable it this ... most of the modes that are in present use provide for calling CQ ... spread spectrum systems would involve something in the protocol to provide an "address" for calling CQ, with a substequent switch from the "calling channel" to a "working chananel" ... what's the problem?

>If you can't find and work
>the random more exotic digital signal soliciting a call with whomever
>happens along to find it, seems like it is not a true HF band
>amateur radio experience. Of course, I am old fashioned and
>licernsed since 1950.

You're going to have to accept the fact that it's not 1950 any more ... things will change ... very little in our lives is like it was in the '50s any more ... this applies to the "HF band amateru radio experience" as well ... if it DOESN'T change and keep up with the times, it's destined to dry up and blow away in a few years ...

>
>But would appreciate clarification, if needed, about these new
>"exotic" digital HF modes.
>

There's really nothing "exotic" about the newer digital modes ... it's really pretty much "old hat" to those of us who work in industry ... it's only "exotic" and "newfangled" and "complicated" to those who haven't kept up with the times.

Used to be that the "amateur radio experience" was at the forefront of technology ... inventing the new gadgets, instead of complaining about them. I have to ask myself "What the hell happened? Where did all the initiative and curiosity and wonder at things new and different go to?"

It's high time the "CW olde fartz" stopped whining about the "good old days" and realized that in the "good old days" the hams were the INVENTORS and ADOPTERS of NEW TECHNOLOGY ... not the lazy, stagnated, technophobes they've become.

(I don't mean this to be personally offensive ... but you folks have GOT to realize that the TERRIBLE change that's come over ham radio in the past 50 years is NOT new technology, it's stagnant OLD THINKING.)

73,
Carl - wa6vse
carl@ais.net

3165. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: carl@ais.net
Message-ID: <51i6dr$8bn@news.ais.net>
Source record: 216615
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <51i0av$sv3@bashir.peak.org>, billn@PEAK.ORG (Bill Nelson) writes:
>carl@ais.net wrote:
>
>: I proposed a 25kHz CW window at the bottom of the band, as a pacifier
>: for the olde fartz ... let them pound brass until they're too senile to
>: remember what the key is for any more ... just get them (politically)
>: out of the way of progress ... (they're welcome to participate in any
>: and all of the new stuff ... if they want to and they're capable of
>: understanding what's going on ...)
>
>Hm. Maybe we should also set up a 25 KHz SSB window next to it. After all,
>SSB is also dying - with the shift being to digital. The same should be
>done for FM.
>

SSB is NOT dead ... just middle-aged ... CW, on the other hand is
positively fossilized ..

Besides, I specifically said a "CW-only" segment ... a "preserve" if you
will ... and I specifically said that use of CW would NOT be prohibited
on other frequencies any more than it is now ...

I have no doubt that, left to fend for itself without government
mandated life support, CW will ultimately retire to the nostalgic
curiosity status it deserves in a decade or two, with a few adherents
still practicing it, much as there are steam-engine buffs and people who
like to dress up in colonial costumes and churn butter in a wooden
gizmo.

Carl - wa6vse
carl@ais.net

3166. Re: Amplifiers: Class C, etc Whats the difference?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: skerns@mail.talon.net
Message-ID: <51iag2$pq7@crash.microserve.net>
Source record: 216616

Close but not precise Bill, I know of no way to produce SSB signals by plate modulating a final amplifier. You can produce a modulated AM signal (carrier, upper sideband and lower sideband) by plate modulation, but you cannot produce a SSB (single side band) signal by plate modulating a final amplifier

Yes a AB1 amp is not as "linear" as a class B amp, when was the last time you saw a commercial class B amplifier advertised for sale on the amateur market? The question posed and answered was concerning a transistor amplifer the OM is looking to purchase for two meter work.

73
Steve N3FTI

In article <51dptr$af0@bashir.peak.org>, billn@PEAK.ORG says...
>
>Steven Kerns (skerns@mail.talon.net) wrote:
>: Without getting too deep, a class C amplifier is biased off when when a
>: drive signal is not present, it is not a linear amplifier and can only
>: be used as a amplifier for CW or FM modes. A class AB-1 amplifier is a
>
>Close, but not precise. With plate modulation, a Class C amplifier is
>perfectly acceptable for AM or SSB.
>
>: linear amplifer being biased in the linear region of the active device.
>
>It is close to being "linear", but still produces some distortion of the
>signal. We accept the distortion for the improved efficiency of the amp.
>
>Bill

3167. Gainesville, Ga., Hamfest???

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: mcovingt@ai.uga.edu
Message-ID: <51iavk$mtp@hobbes.cc.uga.edu>
Source record: 216617

Am I right in thinking there's a hamfest in Gainesville, Georgia,
this weekend (Sept. 21)? It's not in QST and I couldn't connect
to www.arrl.org today to check their list.

--
Michael A. Covington http://www.ai.uga.edu/faculty/covington/
Artificial Intelligence Center <><
The University of Georgia Unless specifically indicated, I am
Athens, GA 30602-7415 U.S.A. not speaking for the University.

3168. QRZ callsign database -- county error

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: clint.bradford@atdbbs.com
Message-ID: <9609151703523876@atdbbs.com>
Source record: 216618

>>I just got a lead that my county listing in the QRZ callsign database
>>was incorrect, so I went and checked it, and sure enough it was one
>>county off.

Apparently one CD's "FCC data" isn't necessarily the same as "another CD's data."

I found this out when the "Flying Horse" Callsign CD came out. They missed many, many callsigns that were (a) issued many months previously and (b) were on the QRZ! CD for many releases. When I asked them about their omissions, they balked and said the same thing: "Well, we got our data from the FCC..."

-Clint Bradford, KE6LCS

3169. Street Car Speed Control

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: Jim Reid <jreid@aloha.net>
Message-ID: <01bba371$53c87a60$05070ccf@jim-reid-1>
Source record: 216619

Some decades ago, when I was in engineering school, I was required
to learn the San Francisco Street Car electrical control system.
And it was on a mid-term exam!! I felt at the time that to learn
that material was nonsense, as I wanted to learn all about
electronic circuits; that is, at the time, when a filament was
heated to incandesance(Sp?) in a vacuum, the filament gave
off electrons, which we were told then, were negatively charged!
For my aassistanceship, I really did build a TWT tube, and had
the fun, and pleasure of bringing the filament and cathode to life.
But, that was another life ago.
Well, I still had to learn about induction, shunt, and series wound
motors and generators, and all that street car stuff. Of course now,
most of what else I learned in those days is no longer of too much
use!! Never heard of an IC in university, tho I did have to take
solid state physics, as there was talk of exotic work going on at
Bell Labs at the time to develop a solid state triode. I guess it is
well Shockley figured out the solutions to the quantum field equations
within a semiconductor, else we still might not have the transistor.

Makes me appreciate a bit, perhaps the view that Carl and others
have about needing to learn CW today. Of course, as I have posted
elsewhere, CW is very much alive, and being used quite a bit about
the world, but it is supposedly supposed to die out, that is, if
they really can get GMDSS to become reliable!

I really would object to having to learn about street car control systems
today were I in school!! Even when someone told me they were still
very much in use elsewhere in the world; but not where I am. Even the
steam trains have left Kauai!! But, I am one who really does enjoy
using the CW mode, old coot that I am!

73, Jim, AH6NB

3170. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1Dxt15C.Mnu@netcom.com>
Source record: 216620
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <51g476$lc0@bashir.peak.org>, Bill Nelson <billn@PEAK.ORG> wrote:
>charles copeland (charles1@netcom.com) wrote:
>: >>Simply put, substitute much more stringent technical written
>: >>tests for code test. Thats all.
>: >
>: >So we retain all the license classes we have now, the 'subbands' by license
>: >class, drop all the code tests, and punch up all the written tests, correct ?
>: >Is this THE master plan or just your version of it ?
>
>: Its the core of the problem, CW that is. DROP THE CODE!
>
>Maybe drop it as a requirement. However, reserve a segment of each band
>for CW only - with maybe subsegments for different code speeds. Then set
>up two code tests 10 wpm and 20 wpm. One subsegment would be for people
>who could receive at under 10 wpm - regardless of license class. This
>would allow anyone to dabble, and probably find someone who sent code as
>slowly as they could receive. The second subsegment would be for 10-19 wpm
>and the third for 20+. Make it CW only - no AMTOR, PACTOR or other modes.
>
>This would provide a place for people who enjoy CW, as well as those who
>do not care for more modern communications methods.
>
>As far as dying modes - isn't SSB dying out, except on the Ham and CB
>bands? Most other communications seem to be FM or digital, due to the
>increased noise immunity.

I don't think HF lends itself to FM very well. Fading tears up FM
signals, and FM takes up more bandwidth.

3171. Re: the final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: billsohl@planet.net
Message-ID: <51iim7$9e3@jupiter.planet.net>
Source record: 216621
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

kj7az@coffey.com (Tim) wrote:

>markl@dove.net.au (Mark Little) wrote:
>>> WHAT IS C W
>>> * It is the most efficient mode in terms of power required for long-
>>> distance communication ,least susecptible to interference,and conserving of
>>> the radio frequency spectrum.

>>Not true, unless you also stipulate that it must also be one of the cheapest.

>Wrong, The code can be heard farther than ANY other means of
>communication with the least power.

Depends on who/what is doing the reception. Many others have
identified the superior ability of digital techniques to receive weak
signals that wouldn't even be heard.

>Cheapest is what HAM is all about.

Gee, I must have missed that chapter in the ham radio guidebook.
Just who postulated that? Is it a quality or characteristic that
is endorsed or pushed by the FCC rules?

> There was a time when MIR could be contacted with just 2 watts
>and an HT. Not any more, you need POWER because all the people have
>forgotten the basic rule of ham radio. MINIMUM POWER REQUIRED TO MAKE
>THE CONTACT! Same goes for ALL other communication modes in ham
>INCLUDING cw.

Your point? The above certainly makes no supporting argument for CW
testing.

>>> * It involves no accent or pronunciation problems,therefore providing a
>>> widely understood international language.

>>This is a common fallacy about Morse code - it is NOT a widely understood
>>international language - it is not a language at all. It is a basic one for
>>one represntation of the alphabet and numbers. If you cannot understand
>>a common voice language, then what most people are relying on is the
>>abbreviation codes such as the Q-codes. If you think I'm off the mark, then
>>perhaps you could show how you would communicate to a non-english speaker
>>that:

>The Q codes were designed for just that purpose, if you don't know
>them then maybe you sould read the now your talking book that you
>learned the answers to the questions from.

Q codes can be learned and used on a speaking basis also. Having
said that, I recognize some languages (oriental, middle eastern,
african, etc.) have no equivalent alphabet which makes speech
AND cw use of such codes difficult.

>>> * It employs simpler,more reliable and easily maintained equipment than any
>>> other communications mode.

>>Most amateurs use commercial equipment which provides the other modes as well.
>>It is true, however, that if you build the simplist possible transmitter and
>>receiver, but in many cases, modern communication building blocks allow other
>>modes for the same relative complexity.

>Yep, you got that right, and it goes agains HAM pricibles. Keep it
>simple stupid.

Gee, I must have missed that chapter in the ham radio guidebook.
Just who postulated that? Is it a quality or characteristic that
is endorsed or pushed by the FCC rules?

>>As to being more reliable, this is questionable as the transmitter is being
>>powered up and down continuously. Given the same level of technology, I'd
>>suggest that an FM rig would probably be more reliable as it is keyed less
>>that a CW rig for a comparable contact time.

>Hmmm.... My little radio shack HTX-100 has been in beacon operation
>for about a year. 5 watts travelling over 100 miles locally on CW and
>all over the world by propigation? Try that with any other means of
>communication on ANY other band. 28.284 CW. I would think this
>little radio shack 10 meter rig will probly go another year or so
>without problem. Just keying away.

Your point, if it is intended to support CW testing has no
relavence to the issue.

>>> * It is an equalizer,negating age,speech impediments and dialectical
>>> differences;it provides for ready acceptance of youngsters in an adult
>>> enviornment.

>>It however, does discriminate against people, especially older people, who
>>have muscular problems which limit their hand coordination. The ready
>>acceptance of youngsters is a bit tenuous, unless the writer is implying
>>that older amateurs are "age-ist". I would hope that that amateurs accept
>>people on their actions, not their perceived voice age. Otherwise, it would
>>tend to indicate that they may discriminate against sending style anyway.

>Nope, wrong again. There are people who can't even use their hands or
>hear who have learned the code. It just takes the courage to do it.
>One local had arthritis so bad he couldn't do the code by hand at all.
>But he still had the state record for reception at over 60 WPM.

Wonderful, but what has that got to do with CW testing as a
requirement?

>>This comment, I do agree whole-heartedly. CW operation should always have a
>>place in Amateur Radio as long as a single operator whichs to use it. It can
>>be a very enjoyable pursuit to many amateurs. I would certainly resist any
>>move to say that CW (Morse) should not retain its slice of all amateur bands.

>>Mark

>My final comment is this, if we are going to loose the code, then I
>say we make the cheat books illegal. Now Your Talking and all those
>other books with the questions and answers in them should be taken off
>the market. Make these guys at least earn their license and learn a
>little about Amateur Radio before giving them their ticket.

Reality check again. Back when there was no question pool, there
were still what you call cheat books. As long as there is any
continuity of testing, there will be testing aids. Make the pools
larger if you want. Make questions with calculations in them
an open set of variables. That'd go a long way towards eliminating
straight memorization. BUT... most regulation and much theory
is still a rote memorization process anyway, so it'll never be
eliminated totally.

I am in favor of eliminating CW testing, I am NOT against the
use of CW.

Bill Sohl K2UNK
ARRL Local Gov't Liaison, Mt. Olive Township, NJ

3172. Re: Internet via Ham Radio?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: garyn@tir.com
Message-ID: <323cff5d.10297408@news.tir.com>
Source record: 216622

On Sun, 15 Sep 1996 19:10:39 -0700, Andre <earthspy@concentric.net>
wrote:

:>I read somewhere that the Ham community was considering putting the
:>Internet on Ham Radio (probably using a system like AMTOR). Is there
:>any news on this? I imagine it could be done although there would be
:>many problems to face. I've been HAM for 45 years and I know that there
:>is no problem too tough for HAMS to solve.
:>73,
:>Andre, W2WHE

IT'S HERE !!!!
MFJ has a 'Trumpet-Net-Code' (TNC) that transcribes all of the
information on the internet into your choice of modes (morse, rtty,
Amtor,Pactor and G-Tor). You simply put it between your rig and
computer and you can then SCREAM through the net at speeds up to 300
baud !!!!! There's rumored to be software available to convert
received morse into .jpg and .gif files so that you can get all the
nudie pix off the alt.binaries sections if you still have a hankerin
for copying the code and checkin out the chicks!!!! Will wonders never
cease ???????

Gary :)
Amateur Radio Station WB8POK since 1972
'Life is what happens while you're busy making other plans'

3173. Re: Learning/Improving CW Ski

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: len.anderson@mogur.com
Message-ID: <9609152033471114@mogur.com>
Source record: 216623

JR>From: "Jim Reid" <jreid@aloha.net>
JR>Subject: Learning/Improving CW Skills

JR>By the way, contrary to what you read on many of the amateur radio
JR>newsgroups, CW is alive and well in both the commercial and military
JR>communication systems of the world! For example:

Nobody in rec.radio.amateur.policy has stated that OOK CW has ceased.
No one. The argument (at times heated) was concerned with retention
or deletion of a Morse code test for the USA amateur radio service.

JR> The Brit AirForce, the RAF, is still teaching and using CW.
JR>The 13 week course, given at No. 1 Radio School at RAF Locking,
JR>requires 18 wpm skill demonstration to pass. CW is used, world wide
JR>by the RAF in many ground to ground and ground to air circuits,
JR>Falklands, etc.

I've seen both front and back seat areas of a Tornado. No CW key
or connection port there. It would be surprising indeed to find CW
used ground-to-air in any tactical situation in any air force
anywhere in the world. Military signal units in most of the world
may still have CW occupational specialties, either for intercept
purposes or as very-last-option communications. USAF SAC aircraft
used SSB for long-haul communications back in the late 50s.

JR>This past June 28th, the Russian Cruies Liner, Alla Tarasovia, at dawn
JR>that day, with its vaunted GMDSS (Global Marine Distress Satellite
JR>System) apparantly inoperative, had to send out a CW SOS with
JR>position, heading, situation, etc. The CW signal was intercepted
JR>by Stonehaven Radio and alerted the Aberdeen Coast Guard. 71
JR>passengers and 68 crew on board were saved from harm as a result
JR>of an alert and competent CW operator. The liner, chartered by
JR>Toronto based Marine Expeditions, had lost engine, power and was
JR>drifting out of control Thank God the RO was still CW competent
JR>and so was the watch RO at Stonehaven.

A wonderful story. Not knowing maritime procedure, I would suppose
that the Russian ship radio operator had knowledge of some English
and could handle the difference between Cyrillic and English CW.
Apparently there was no other radio communications aboard the Russian
vessel but auxilliary power was available for the CW radio?

JR>In follow up, BBC TV reported this past July 16th, that the worldwide
JR>GMDSS is "in a state of near collapse." The report claimed that about
JR>95 percent of marine distress calls being rcv'd by Coast Guards are
JR>false alarms! Falmouth Coast Guard alone recv'd 959 false calls in

Shall we chalk this up to "overcomplicated modern technology once
again proving itself of no use?" That CW is the only chance for
safety at sea? There is no maritime voice SSB? No VHF maritime
band radio?

JR>International shipping may just reconsider the situation and decide they
JR>had better maintain, on the watch 24 hours, CW competent radio
JR>operators on board, and similarly at Coast Guard stations worldwide.

There was a reason for having CW radio proficiency internationally,
plus having a radio (most ships did not in 1912), plus the
establishment of 500 KHz as an international distress frequency as a
result of the HMS Titanic disaster. Nearly all Titanic passengers
and crew perished back then. Was any life lost during this MS Alla
Tarasovia incident? There are maritime frequencies on HF and VHF,
VHF and SSB (HF) voice equipment for maritime bands has been
available for at least two decades. There are models of both types
that work on 12 to 32 VDC battery busses of pleasure water craft.

JR>Anyhow, jump on in, and learn and enjoy CW. Who knows, you might
JR>also, one day find yourself in a situation where CW just might be the
JR>only mode of communictions.

That is the stuff that novels are made of. I've done a lot of flying
although very little of that as pilot. Have yet to hear 121.5 or 243
MHz actually used any purpose other than for a brief radio check.

Emergency transmitters for life boats were being equipped with
keyboard-to-CW converters over three decades ago, one of the
first applications of keyboards outside of typewriter terminals.

JR>etc. On the CW mode you will meet a lot of people just having fun!

Certainly, no argument. Those that can do CW and remain using CW in
a non-occupation environment MUST be having fun. Why remain
otherwise?

The other side of a very real coin is that many people CANNOT learn
this aural-mental skill despite all the claims made by those who can.
Humans do NOT have equal skills. No amount of boosterism or
belittling of those without the talent will help those who cannot
learn. Those that cannnot learn CW well enough are not IN the HF
amateur bands in the USA. They've either gone no-code Technician
Class and are presumably having fun there or they've dropped out
of any further effort towards amateur radio. Those aren't heard from
because they either aren't there or are considered "second-class"
citizens by HF operators because of their Morse code inability.
So much for handicapped help.

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* OLX 2.1 * This tagline is SHAREWARE! To register, send me $10

3174. Re: Amplifiers: Class C, etc Whats the difference?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: desmith@telalink.net
Message-ID: <51ietu$171@apple.telalink.net>
Source record: 216624

billn@PEAK.ORG (Bill Nelson) wrote:
>>Steven Kerns (skerns@mail.talon.net) wrote:
>>: Without getting too deep, a class C amplifier is biased off when when a
>>: drive signal is not present, it is not a linear amplifier and can only
>>: be used as a amplifier for CW or FM modes. A class AB-1 amplifier is a

>Close, but not precise. With plate modulation, a Class C amplifier is
>perfectly acceptable for AM or SSB.

Not really. When plate modulated, the Class C amplifier is actually
amplifying a *CW* signal. The modulation doesn't exist until *AFTER*
the tube/transistor is done amplifying. If the AM/SSB modulation is
already on the signal, you can't amplify it in a Class C amp. (at
least,not if you want the other guy to understand what you're saying!)

Incidentially, I'm not certain it's possible to plate-modulate an
amplifier for SSB. (though there may be an obscure phasing method I'm
not familiar with)

73 Doug

3175. ADMS-1C for Yaesu ft-50 and others

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: cRiTTa66@shadow.net
Message-ID: <323c9c5c.3995683@news.shadow.net>
Source record: 216625
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Can someone that has the software zip up the disk and e-mail or post it to me? Im going to atempt to make my own link from the computer to a yaesu. (sora like the $5 paralell port conector, if you know anything about ti-85's)

thanx

critta66@shadow.net
ADMS-1C

3176. Webelos desiring ham radio schedule

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: rpatters@slonet.org
Message-ID: <51ijj8$rut@twizzler.callamer.com>
Source record: 216626
Cross-posted to: rec.radio.amateur.misc,rec.scouting.misc,rec.scouting.usa

I know JOTA is coming up next month, but I have some Webelos who are working on their communicator badge and their scoutmaster asked if I would demonstrate ham radio for them. I would like to set up a schedule with other scouts in the US or any country that the US has a third party agreement with. Is anyone available at 2345 UTC on September 23?

Thanks,

Ron

++
+ Ron Patterson WA6VQZ + Atascadero, California CM95qj +
+ rpatters@slonet.org + WA6VQZ@W7AZF.#CENCA.CA.USA.NA +
++

3177. Re: How to test COAX?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: tgold@microvst.demon.co.uk
Message-ID: <842874766snz@microvst.demon.co.uk>
Source record: 216627

In article <51eerf$2na@crash.microserve.net> tyler@cyberia.com "tyler" writes:

> Is it safe to test a piece of coax by putting a dummy load on the end and a tx
> and swr meter on the other and checking the swr or is this a bad idea for my
> HTX-202? Of course this will only check the swr at 2 meters, but if there is
> anything seriously wrong with the coax, it will show up right? any help would
> be greatly appreciated.

Yes, it's safe, but unfortunately it's not really very useful.

When testing suspect coax it is relatively rare that one is trying to measure either the characteritic impedance or to detect for impedance discontinuities. If the coax is marked with a known brand and type and the line is visibly undamaged (no sign of being squashed or kinked), then the usual test is only for attenuation and then the test that you described is not at all helpful. Indeed the higher the attenuation (hence the worse the line) then the better the input SWR will be, regardless of any impedance mismatches that are present.

To measure the attenuation of a line you might measure the return loss when the distant end of the cable is open circuit and/or shorted. Or else measure the power into into the terminated line and then again out of the line and into the terminating dummy load.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

3178. NEED: JRC - JST-135 diagram and/or manual

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: felipe@pobox.com
Message-ID: <51ibd3$1fj4@news-s01.ny.us.ibm.net>
Source record: 216628
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equip,rec.radio.amateur.swap

mail to: felipe@pobox.com

3179. Re: Code / No-Code, I think you ALL are a bunch of freaking morons.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: pdg@cam.org
Message-ID: <323cb337.8759095@nntp.hip.cam.org>
Source record: 216629

On Sun, 15 Sep 1996 21:26:05 GMT, dbrooks@cisnet.com (Don Brooks)
wrote:

>Get a life. Who cares. You like code, you use code. You don't like
>code, don't use code.

I agree

-snip-snip-
>The reason you beat your wife is the same as why you feel so special to
>be a ham, basically you are a loser and you need to feel important.

-snip-snip--

>Get a dog and beat it.

-snip-snip-

>Get the hell off the Internet, plenty of losers out here already, they
>don't need any help from YOU.

-snip-snip-

>I'll bet those of you who don't beat your wife don't have a wife.
>I'll bet you have always been afraid to talk to girls. I'll bet you
>still live with your mother. Probably work at McDonalds part time.

-snip-snip-

>Hams who are security guys are really screwed up.

-snip-snip-

>Tubes suck. Nobody should be allowed to use a radio that has tubes.
>Come to think of it, lets include crystals.

Frustrated are we? Someone definetly pissed in your corn flakes this
morning eh?

Geeeez

Pat

--
\/ Scouter Pat - Patrick De Gagne - Montreal, Canada
/\ Dollard Des Ormeaux Scouts & Venturers
/ \ http://www.cam.org/~pdg IRC: I-Spy on #Scouting
/ \ PDG@CAM.ORG - VE2VFD - I used to be a Flying Frog!

3180. Re: Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: wally@pop.uky.edu
Message-ID: <1492.6831T123T628@pop.uky.edu>
Source record: 216630

On 01-Sep-96 22:02:30, carl <carl@ais.net> wrote:
>In <50b6va$mmv@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net (Jim
>Kehler) writes:
>>Tim,
>> Apparently you don't know Spew. Let me introduce him to you. The fact
>>that he can spell 'HF' amazes most of us. Asking him to explain things
>>about it is over his head. He can't 'tune in' to the QRP frequencies, as he
>>doesn't have a radio. (He hears voices in his head, so I guess he doesn't
>>need one). He can't increase his code speed, as he has no code speed to
>>increase. Trying to explain to him how he could enjoy ham radio is
>>useless. He doesn't want to enjoy ham radio - he only wants to troll on
>>internet.

Exactly, Drew is a bedwetting wanker who has nothing better to do but bitch
and moan and beg for attention. Which I see 30 responces, including this one
I suppose.

I've noticed no matter how many times someone says "Just ignore soandso" the
only person that is ignored is the person posting the suggestion!

--
-.-. --.- -.-. --.- -.-. --.- -.-. --.- -.-. --.- -.-. --.- -.-. --.- -.. .
. Walter Francis _. KT4LH .
- HP48GX Alinco DJ580 Icom 281 Kenwood 530S o:o -
. Wally@POP.UKY.EDU Life begins on 80 .
--... ...-- --... ...-- --... ...-- --... ...-- --... ...-- --... ...-- ..

3181. Re: Street Car Speed Control

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: rice@ttd.teradyne.com
Message-ID: <1996Sep16.103340.1@ttd.teradyne.com>
Source record: 216631

In article <01bba371$53c87a60$05070ccf@jim-reid-1>, "Jim Reid" <jreid@aloha.net> writes:

> Some decades ago, when I was in engineering school, I was required
> to learn the San Francisco Street Car electrical control system.
>
> I really would object to having to learn about street car control systems
> today were I in school!! Even when someone told me they were still
> very much in use elsewhere in the world; but not where I am. Even the
> steam trains have left Kauai!! But, I am one who really does enjoy
> using the CW mode, old coot that I am!

On the other hand, when I was pursuing a BSEE at University of Hawaii, I
was required to Learn World History and Philosophy, before I was even
allowed to attend EE classes. I would have much rather been learning
'Street Car Control Systems', as it would have had, at least, 'some'
relationship to my chosen career path :-).

John Rice - K9IJ | "I speak for myself, not my employer".
| Miracles, Magic and Sleight-of-hand done here.
k9ij@amsat.org | Licensed since 1959
rice@ttd.teradyne.com | Ex: K8YZR, KH6GHC, WB9CSP, W9MMB, WA1TXV

3182. Heath HW8 mods

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: "Richard B. Joerger" <joerger@rd1.racal.com>
Message-ID: <323D86AA.1FD2@rd1.racal.com>
Source record: 216632
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.equipment

Greetings All.

At this weeks Melbourne Hamfest (Fl) I picked up a Heath HW8 QRP rig.
Great condition and it works, but --- it seems a bit deaf.

I recall seeing a compendium of mods for this radio but can't find it.
Can anyone point me in the right direction?

TIA

Rich Joerger
WB4EHG
pepper@icanect.net
joerger@rd1.racal.com

3183. Re: Ham Web Page

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: "Will, KN6DV" <kn6dv@qnet.com>
Message-ID: <01bba3de$7fac8320$22229bcf@kn6dv.qnet.com>
Source record: 216633
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.space

Well OK while you are at it you might as well take a look at mine also.

http//:www.av.qnet.com/~kn6dv
73 Will

James Lee Tabor <ku5s@wtrt.net> wrote in article
<323C77C8.6C29@wtrt.net>...
> Marty Albert wrote:
> >
> > Hello, Folks:
> >
> > I have just put up my new home page and invite all to drop in for a
> > look.
>
> Howdy Folks,
>
> Your welcome at mine also.
>
> 73,
> Jim
> --
> CAPMan HF Propagation Prediction & System Analysis Software
> http://ourworld.compuserve.com/homepages/KU5S
>

3184. Re: stacking yagi's

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: root@jackatak.theporch.com
Message-ID: <ZHmcuD1w165w@jackatak.theporch.com>
Source record: 216634

billn@PEAK.ORG (Bill Nelson) writes:
> Rich Greenberg (richgr@netcom.com) wrote:
> : Mike Snowden <mikes@fishnet.net> wrote:
> : >I am trying to find out which is the better way to stack a pair of yagi
> : >horizonally polarized. Does anyone have any thoughts on the pair being
> : >stacked on top of each other or side by side.
> : Stacking vertically is a much easier mechanical arrangement.
> Yes, but harder on the rotator.
Huh? Would you mind explaining that leap?

If the rotor is mounted inside the tower with a proper thrust bearing,
(In both the vertical and horizontal stack) how is the vertical stack
harder on the rotor?
The moment arm of the mast sticking out (assuming a "close stack") is
of NO concern on the rotor, and provides the *same* weight and mass to
be rotated as does the horizontal stack, *BUT* the horizontal stack
has a MUCH greater horizontal moment arm for added torque on the rotor
and a far greater braking and holding load....

Looks to me like the horizontal stack, using a long horizontal mast to
separate, creates a great deal more stress on the rotor, and hence is
much harder on the rotor...

But then I may have overlooked something magical somewhere. ;^)
--
73,
Jack, W4PPT/M (75M SSB 2-letter WAS #1657/#1789 -- both from the mobile! ;^)

+--*--+
Jack GF Hill	Voice: (615) 459-2636 - Ham Call: W4PPT
P. O. Box 1685	Modem: (615) 377-5980 - Bicycling and SCUBA Diving
Brentwood, TN 37024	Fax: (615) 459-0038 - Life Member - ARRL
root@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"
+--*--+

3185. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep16.150510.26597@ke4zv.atl.ga.us>
Source record: 216635
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <51hfct$pjm@news.ais.net> carl@ais.net writes:
>
>Peace ... my point was that there should be vitually NO bickering about
>protocols and so forth .... the TCP/IP protocols are the defacto
>standard for interoperability and AX.25, ROSE, NETROM, and any other
>TNC-based kluges should be abandoned (rules changes should happen at
>allow this immediately, if not sooner).

Hello? TCP and IP are level 4 and level 3 protocols respectively. You can
not use them naked. You have to have a level 2 protocol under them.
On ethernet it is the MAC layer, on VHF+ radio it is AX25, or something
that serves the same purpose as AX25. AX25 has some warts, but you
can avoid them if you just use its UI datagrams and forget the VC stuff.
There's no real need to change this.

On HF you want to use a more robust link level protocol. For multipoint
packet switched networks sharing a common channel, you need a receiver
driven DAMA protocol to get the most out of the channel. We don't have
one of those, and that's something we need to develop. But for point to
point links, Clover will serve nicely. Since these have to be supervised
links anyway, the autoforwarding restriction is a moot point.

You're railing against a non-problem. The TNC is an obsolete paradigm,
but the link level protocol it implements is still needed. We just
pull it back into the switch firmware instead. The beauty of TCP/IP
is that it doesn't care what link level protocol it runs over. We
can pass data over AX25, Netrom, Rose, etc. It doesn't care. Of
course we care if the link level is efficient, so Netrom and Rose
aren't very good choices, but plain old AX25 datagrams work just
fine on VHF+.

>Good idea ... put the burden on the folks who use the stuff.
>I'll go along with that ... the core techno-weenies can *train* the
>locals, as necessary, to install and maintain their own LANs ... and
>devote more of their time to designing new goodies and planning for th
>future. Sounds like the best allocation of resources to me.

Jeeze, Carl, you're every manager's nightmare. You have a way of
phrasing things that manages to piss off everyone. Our structure
is not top down, it is bottom up. The LANs *are* GRAPES, and the
"techno-weenies" *come* from the LANs. They aren't some distant
group who come to town and impose their way of doing things on
the locals. (That way most emphatically does *not* work in a
voluntary organization. Been there, done that, got burned.)

The process is essentially *cooperative collaboration*. The process for continuously keeping maintenence staffed is "each one teach one". In other words, local "weenies" take on local apprentice "weenies" and guide them into becoming full fledged "weenies" too. (Frankly, we prefer the term *wizard*.)

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3186. Re: Ham Web Page

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: "Will, KN6DV" <kn6dv@qnet.com>
Message-ID: <01bba3df$2b7bf8c0$22229bcf@kn6dv.qnet.com>
Source record: 216636
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.space

Will, KN6DV <kn6dv@qnet.com> wrote in article
<01bba3de$7fac8320$22229bcf@kn6dv.qnet.com>...
> Well OK while you are at it you might as well take a look at mine also.
>
> http://www.av.qnet.com/~kn6dv
> 73 Will
>
>
> James Lee Tabor <ku5s@wtrt.net> wrote in article
> <323C77C8.6C29@wtrt.net>...
> > Marty Albert wrote:
> > >
> > > Hello, Folks:
> > >
> > > I have just put up my new home page and invite all to drop in for a
> > > look.
> > >
> > Howdy Folks,
> > >
> > Your welcome at mine also.
> > >
> > 73,
> > Jim
> > --
> > CAPMan HF Propagation Prediction & System Analysis Software
> > http://ourworld.compuserve.com/homepages/KU5S
> > >
>

3187. Special Event Station 21 September, K6BJ

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: geoff@nntp.cadence.com
Message-ID: <Dxu506.1GM@Cadence.COM>
Source record: 216637
Cross-posted to: rec.radio.amateur.misc,scruz.events

Special Event Station
Saturday, September 21, 1996

Santa Cruz County Amateur Radio Club

K6BJ

Please join us in celebrating 80 years as an amateur radio club. We will operate a special event station at Chews Ridge from 1800 UTC on 21 Sepember 1996 to at least 0200 UTC on 22 September 1996 (11:00 AM to 7:00 PM local time). Local hams, within about 75 miles, can work us at 146.52 or 146.55 MHz. Look for us also at 7.275, 14.075, 14.275, and 28.465 MHz.

Chews Ridge is located in Monterey County, California at the north end of the Los Padres National Forest, at 5000 foot elevation. Approximate coordinates: 36 deg 19 min N by 121 deg 37 min W. For a QSL card, send a self-addressed stamped envelope with your call sign to:

Santa Cruz County Amateur Radio Club
P. O. Box 238
Santa Cruz, CA 95061

73
Geoffrey Ellis, KD6MFM

3188. Re: Little LEO again (was Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: Ed Hare <ehare@arrl.org>
Message-ID: <51juqa$boc@mgate.arrl.org>
Source record: 216638
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

little@pecan.enet.dec.com (Todd Little) wrote:

>Most politicians can recognize a form letter when they see one. They
>realize that it rarely means a strong opinion as someone is simply
>following the directions of others instead of taking their own
>initiative. What the ARRL did smacks of a form letter. How different
>do you think the respondants were? Plus the committee members
>certainly knew that the ARRL had advocated writing. I believe
>the ARRL screwed up on this one and hope it doesn't hurt us in
>the decision making process.

Actually, I don't think we did. First, when they first put the issue on the plate, we asked that it be removed. We were told that the list of frequencies that included amateur bands would not be changed. We did let them know that we would have to oppose it and that our opposition would include grass-roots support. We were told that this is fine. At the time, no one raised any objection to our using the email addresses we had, nor did they offer what was set up later, a specific address at fcc.gov.

All in all, I must admit that there may have been (or may be) some risk to our strong response. I believe, however that a lack of response, or an ineffective one, carried a *certainty* of damage to the Amateur Radio Service. For two important bands such as 2 meters and 70 cm, on which side of the equation should we have erred?

37 from ARRL HQ,
Ed Hare, KA1CV,
ARRL Laboratory Supervisor

3189. Re: 60 Foot Free standing tower

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: rhys@ix.netcom.com
Message-ID: <51id5j$lap@dfw-ixnews10.ix.netcom.com>
Source record: 216639

Jeff Hockenbrocht <jhocken@telis.org> wrote:

>Hi folks,

>Im looking to buy a 60 foot free standing tower. Im having a dickens of
>a time locating one (preferably used).
>If you have info please email me at jhocken@telis.org.
>Thanks!

Jeff--

do you care WHERE it is?

Dr. Electrode
a.k.a. Larry Wolken N3OJD
voice (202) 291-9303

3190. Re: Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: cgreenha@magnus.acs.ohio-state.edu
Message-ID: <cgreenha.653.323DA388@magnus.acs.ohio-state.edu>
Source record: 216640

In article <51k4et$1l6s@usenetw1.news.prodigy.com> VUBS79A@prodigy.com (Drew Durigan) writes:

>>Exactly, Drew is a bedwetting wanker who has nothing better to do but bitch
>>and moan and beg for attention. Which I see 30 responces, including this one
>>I suppose.

>Yes. So what's your point?

>-Drew in Sunny Central Florida-
> KF4DDM

Not to speak for him...but since you dont understand, I will explain his "point"...

You are a embarrasment, and disgrace to all amatuers.

There...understand now Drew?

Take care all.

Christopher K. Greenhalgh, N8WCT
Computer/Electronic Tech. II at The Ohio State University
E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

3191. Re: Little LEO again (was Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: little@pecan.enet.dec.com
Message-ID: <51k8m0$2k0@usenet.pa.dec.com>
Source record: 216641
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <51juqa$boc@mgate.arrl.org>
Ed Hare <ehare@arrl.org> wrote:

> All in all, I must admit that there may have been (or may be) some risk
> to our strong response. I believe, however that a lack of response, or
> an ineffective one, carried a *certainty* of damage to the Amateur Radio
> Service. For two important bands such as 2 meters and 70 cm, on which
> side of the equation should we have erred?

I believe you address the issue with those in elected positions. The
working group I think is composed of appointees and volunteers, not elected
officials (although anyone that knows othewise is welcome to correct
me on this.) I don't believe the response was appropriate given the
target. This committee should be (and perhaps was) given ample
technical arguments for not selecting the two most popular amateur
bands. The writing campaign should have been directed at congress
and included some substantial meat in it as opposed to I suspect
what the working group received. I can imagine some of the
messages given what's been posted here in the past on other issues.

> 37 from ARRL HQ,

37? OK, I give up. I've heard of 73 and 88, but 37? ;-)

37 to you too!
Todd
N9MWB

3192. Re: "Exotic" HF Digital vs. CW,SSB

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: Jim Reid <jreid@aloha.net>
Message-ID: <01bba402$6e8c5100$47070ccf@jim-reid-1>
Source record: 216642

Gary Coffman <gary@ke4zv.atl.ga.us> wrote in article

Wow Gary!!

Your post was probably the most lucid and helpful bit (to
a guy such as I am: offical old fart) about the digital modes
I have read! Thank you so much for the food for thought.
Guess I must get busy and learn a bit about Pactor, which
now, from other posts, seems to have two ot three variants;
and, of course Clover, what ever that is. Will probably find
these take some gear I don't now have, though, I think
the Kam Plus I sold might have done Pactor, not sure.
Did do something called G-tor, but never tried it.

My impression now is that not most, but everything I learned
before is now obsolete! (See my note somewhere on here
about the street car control system I was examined about;
even had to take a field trip to SF to view the marvel!). Rather
like the problems on high power AC line transmission I had to
solve: were based upon the Hoover(aka Boulder) Dam transmission
line problems.

I guess this was similar to the req that I pass a test in the German
language: it is good for you in your "liberal" university education.
Wonder if that is a valid argument for continuing CW testing
for HF ham licenses? It is broadening, and helps one appreciate
the culture and language of others!

73, Jim, AH6NB

3193. Re: U.S. Navy CW Call Signs

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: <>
Message-ID: <0007B75A012A77EC@dol.net>
Source record: 216643

Date: Mon, 16 Sep 1996 18:11:09 GMT
Reply-To: joseph.buch@dol.net
From: joseph.buch@dol.net (Joe Buch)
Subject: Re: U.S. Navy CW Call Signs
X-Newsreader: Forte Free Agent v0.55
Newsgroups: rec.radio.amateur.misc
References: <11002.5039@dol.net>
Lines: 43

mikelb@ix.netcom.com wrote:

>Subject: U.S. Navy CW Call Signs
>Does anyone have a source for this info ? Mike KF6FLQ

Mike,

The US Navy no longer uses CW. Neither does the Coast Guard. As of September 30 all CW transmissions on DoD frequencies are prohibited. This includes MARS stations.

The DoD has become so enamored of computers and digital communications they have forgotten that computers can be disabled by an EMP event. Sending CW by rubbing two wires together is not part of the electronic order of battle they paid the think tanks to develop.

The book that lists MARS ship calls is the Shortwave Directory by Bob Grove. It is sold by Grove, Universal Radio, Gilfer and EEB to name a few. The MARS stations use either PACTOR or AMTOR modes between the ships and shore mailboxes. Other HF comm is encrypted so who cares.

_____
Real radios weigh 85 pounds | _ _ |
| |_| @ @ @ @ @ |_| |
~*-.,_,.-*~'^'~*-.,_,.-*~'^'~*-.,_,.-*~ | @ _____ @ |
Joe Buch N2JB | @ @ | | @ |
Editor, NASWA Journal Technical Topics | |_____| |
joseph.buch@dol.net | @ @ /-\ @ /-\ |
-*~'^'~*-.,_,.-*~'^'~*-.,_,.-*~'^'~*-.,_| | | | ||
| @ __/ @ __/|
Real radios glow in the dark |_____|

3194. Re: Vanity Call - Gate 2 - Questions?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: Andrew C Robertson <drewbob@mit.edu>
Message-ID: <323D9B01.4389@mit.edu>
Source record: 216644

Jeffrey Herman wrote:
>
> So the prefix you choose cannot contain an H or an L or a P.

I guess this means I can't ask for WH1M or WH1Z then. Bummer.

drewbob aa1hx

3195. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: nick@cs.unc.edu
Message-ID: <51k6j7$1ai@altair.cs.unc.edu>
Source record: 216645
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Let me ask a question to the folks proposing better theory testing as a substitute for code testing :

Do you really believe there could ever be a serious technical test which would limit access to the HF bands ? Politically speaking, I mean. I'll grant you that it is possible to write and administer a meaningful technical test.

We have been on the path to "no-theory" exams for quite a while and I find it hard to imagine the imposition of serious theory testing. There are plenty of folks with general/advanced/extra licenses who memorized the questions and have no idea what Ohm's law is.

I expect the result of a no-code HF license would be much more
of a no-code no-theory license.
And I expect that is what many pro-coders really fear will happen.

Me, I'd be happy to have a serious theory test plus a code test - and periodic re-testing too!

73,
Nick KD4CPL
--

Nick England KD4CPL nick@cs.unc.edu Univ. Of North Carolina
http://www.cs.unc.edu/~nick Chapel Hill NC

3196. Re: New Technology (was: Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep16.164440.26884@ke4zv.atl.ga.us>
Source record: 216646

In article <51hilf$pjm@news.ais.net> carl@ais.net writes:
>In <1996Sep14.040954.16951@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>>
>>I don't recall the first article you mention, but I do the latter two.
>>They appear to be good solid work, but I don't think they are novel
>>in the sense of Sam Harris' parametric amplifier. That was a radical
>>departure from the conventional wisdom. What we see in the articles
>>you mention is just good solid application of well understood circuit
>>techniques. Nothing wrong with that of course. It is very good work.
>>But it isn't a major breakthru.
>
>I was thinking the same thing ... good work, but really nothing new ...
>It occurs to me that a fundamental problem is that many, many hams are
>so stuck in the past that anything that wasn't known by everyone in the
>1950s is "exotic", "new", and "radical" ... this is a MAJOR problem.

Most of the techniques we call modern were known 50 years ago.
Even SS. Heddy Lamar invented the first practical DS and FH
systems during WWII. Roosevelt and Churchill used them for their
HF "hot line". Of course today we can do it easier and cheaper
using a couple of chips, but the principle is the same. People
doing it today aren't innovating, they're following.

Since Bell Labs invented the transistor, and TI gave us the
IC, and Intel made it do math, there hasn't been a *radical* new
device for us to use. And since Sam's amp, there has hardly been
a radical new circuit idea from hams or professionals for which
we can't find prior art. (The patent office often can't seem to
recognize prior art, but what did I say about lawyers?)

>>I agree that amateurs continue to advance the art on all fronts.
>
>Damned few do ...

And damned few ever did. That's been true all the way back to the
second crystal set. If you think otherwise, you're just fooling
yourself. Most *people* (not just hams) are born followers. Very
few ever lead the advance. This is even stronger than the 90/10
rule, it's more like the 9,999/1 rule. And it is nearly impossible
to determine a priori which will be which. (Who could have imagined,
for example, that a movie actress would develop spread spectrum, or
naval torpedo guidance systems? She had passed no formal tests,
had no specialized degree, but she had the spark of innovation
that is so very rare.) That's why large numbers are important,

so that at least a few of them may be those rare people who lead
the advance.

Almost all of them will just be users. That's an inevitable consequence
of the distribution. But even users serve a purpose. If nothing else,
they are test loads on the systems. Dr. Rohde says it is due to the
crowding on amateur HF spectrum that modern receivers are as good as
they are. He says no other group of users could duplicate the pressures
of the wartime RF environment better than amateur HFers. Thus they
served as test loads for the new designs.

We've pushed that particular horse about as far as it will go. We
have analog receivers that have sensitivity below the ambient noise
floor, that have the ability to operate in the proximity of strong
signals, and which have the stability and resetability required
for more advanced modulations and protocols. That puts us in the
digital domain, and it is software which will determine the fittest
there.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3197. Re: Ham Web Page

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: James Lee Tabor <ku5s@wtrt.net>
Message-ID: <323DA2D8.2E37@wtrt.net>
Source record: 216647
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.space

Howdy,

and a fine start you have. You need lots more antennas on that
car?

73,
Jim

Will, KN6DV wrote:
>
> Will, KN6DV <kn6dv@qnet.com> wrote in article
> <01bba3de$7fac8320$22229bcf@kn6dv.qnet.com>...
> > Well OK while you are at it you might as well take a look at mine also.
> >
> > http://www.av.qnet.com/~kn6dv
> > 73 Will
> >
> >
> > James Lee Tabor <ku5s@wtrt.net> wrote in article
> > <323C77C8.6C29@wtrt.net>...
> > > Marty Albert wrote:
> > > >
> > > > Hello, Folks:
> > > >
> > > > I have just put up my new home page and invite all to drop in for a
> > > > look.
> > >
> > > Howdy Folks,
> > >
> > > Your welcome at mine also.
> > >
> > > 73,
> > > Jim
> > > --
> > > CAPMan HF Propagation Prediction & System Analysis Software
> > > http://ourworld.compuserve.com/homepages/KU5S
> > >
> >

--
CAPMan HF Propagation Prediction & System Analysis Software
http://ourworld.compuserve.com/homepages/KU5S

3198. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: Jim Cummings <jcumming@crc.doc.ca>
Message-ID: <Pine.SUN.3.91.960916153013.26335A-100000@clark.dgim.doc.ca>
Source record: 216648
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

On Thu, 12 Sep 1996, Alan Larson wrote:

> In article <Pine.SUN.3.91.960910095733.6058A-100000@clark.dgim.doc.ca> you write:
>
> >> You know, if you don't like the U.S. requirements, why don't you move
> >> to Canada?
> >>
> >
> >What an odd thing to ask since I live in Canada. In any case,
> >what's how is my domicile relevant to the quotation?
>
>
> Since you are in Canada, where there is some sentiment that the
> U.S. should stay out of Canadian affars, perhaps you should demonstrate
> the same courtesy to the folks in the U.S. and stay out of U.S. issues.
>
> Alan
>

Usually I do stay out of threads that only involve discussion of US regs
i.e. the on going discussion with respect to the policy objectives of the
amateur service. Those discussion have little to those of us outside of
the US. If I do, however, make comment on US regulations, I usually
preface the remark that I am reluctant to do so, but oftentimes, what is
percieved as international requirement is only a US domestic issue. I
fail to understand that making such point would be considered
unacceptable internference.

Sincerely
Jim

3199. Marconi Receiver for sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: rsingh@mailbox.rmplc.co.uk
Message-ID: <51kinj$44l@spider.rmplc.co.uk>
Source record: 216649

FOR SALE

Marconi Mf/hf synthesized ISB Receiver Type H2540

Technical data

Modes of operation- A1,A2,A2H,A2J,A3A,A3J,A3BA9B

Frequency Range -1.5 to 30 MHz full performance,15 KHz to 1.5MHz reduced performance

Tuning Increment -1 Hz by spin tune control or wheel switches

Frequency Display _Digital Display in 1 Hz increments

Tuning accuracy -+-0.5 Hz relative to tuned frequency

Tuing time -within 5Hz of setup frequency in 0.2 sec

Frequency stability -1 part in 10E8 per day ,less than 1 part in 10E7 over temperature range -10 C to +55 C.Long term typically 1.5 parts in 10E7 per month.

Antenna Input -Wideband input Impedance 50 ohms

Front end protection -the receiver will withstand continuous signal of 30 V emf (50 ohms)

Antenna Radiation -with antenna terminated in 50 ohms radiation is less that 10 microvolts

Noise Factor-1.5-30 MHz better than 11 dB

Image rejection-80 dB

LF Rejection 80 dB

IF Selectivity-ssb/isb (3Khz filter)300-3000 Khz -4db points
-ssb/isb (6 Khz filter)300-6000Khz -4db point
-cw/mcw/fsk passbands selected from the following
300,500,1200 Hz

Headphones -600 ohms for 10 mW output

Metering- af level,agc level and fsk tune

Power Supply 100-250 Vac 45-65 Hz

Dimension Width 19 inches,Height 8.75 inches depth 21 inches weight 55 lb

Operating temp--10 to +55C

Storage temp- -40 to +70C

Humidity -95% at 40C

Altitude -up to 4000 ft

Offers by e-mail rsingh@rmplc.co.uk

3200. CFV: rec.radio.amateur.boatanchors

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: dave@dogwood.com
Message-ID: <842902343.8847@uunet.uu.net>
Source record: 216650
Cross-posted to: news.announce.newgroups,news.groups,rec.radio.amateur.misc

```
FIRST CALL FOR VOTES (of 2)
unmoderated group rec.radio.amateur.boatanchors

Newsgroups line:
rec.radio.amateur.boatanchors Vacuum tube-based amateur radio equipment.

Votes must be received by 23:59:59 UTC, 7 Oct 1996.

This vote is being conducted by a neutral third party. Questions
about this proposal should be directed to the proponent.

Proponent: Rick Stealey <rstealey@attmail.com>
Votetaker: Dave Cornejo <dave@dogwood.com>

RATIONALE: rec.radio.amateur.boatanchors

The term "Boatanchors" refers to equipment (more than 25 years old)
used by amateur radio operators ("hams"). The term is used by hams to
describe equipment which they are particularly fond of, usually for
nostalgic reasons. All over the world, in daily conversations on the
air, hams lovingly refer to old gear they are operating as their
"favorite boatanchor rig". Ususally such discussions involve
locating, restoring, collecting, and finding parts for, old ham radio
equipment. A boatanchor may have been home built, military, or once
produced by a manufacturer long since out of business. In order to
have a Usenet forum for similar discussions,
rec.radio.amateur.boatanchors is proposed.

The term "boatanchor" may not, at first, be descriptive to a person
who is not a ham. Every hobby has terms that are specific to that
particular hobby. Baseball has "dugouts", golf has a "wood", and an
"iron", and British cars have "bonnets". Within amateur radio,
working other stations at long distances could never possibly be
referred to as anything other than "DX". It has been that way for 80
years. Low power operating, likewize, is ONLY known as operating QRP.
In a similar manner, old rigs are referred to the world over by hams
as "boatanchors".

There is increasing interest in boatanchor equipment by hams.
Currently boatanchor discussions are held in rec.radio.misc. A large
variety of specialized topics relating to boatanchor collecting (see
charter) substantiate the need for the proposed new newsgroup. During
the pre-RFD discussion phase there was a substantial amount of
interest in the newsgroup name (over 100 articles). During the RFD
period, discussion concentrated on the charter, and topics to be
included in the newsgroup. Both discussions indicate a great need for
```

and interest in the subject newsgroup.

CHARTER: rec.radio.amateur.boatanchors

The newsgroup, rec.radio.amateur.boatanchors, is primarily for discussions of topics related to classic amateur radio gear. Participation by others who are not licensed radio amateurs are also welcome.

EQUIPMENT.
Appropriate equipment of the boatanchor category includes:
- equipment constructed primarily with vacuum tubes, not solid state devices, and manufactured generally in the post WW II-to-1970 timeframe.
- transmitters (amateur, military, home made)
- receivers (amateur, SWL, military, home made)
- station accessories (keys, bugs, microphones)
- test equipment from the boatanchor era used in the repair and restoration of boatanchors, such as scopes, af and rf generators, meters of all kinds, etc.)
- parts and techniques used in construction of boatanchors (vacuum tubes, condensers, etc.)

TOPICS.
Topics regarding the above equipment built entirely or primarily with vacuum tubes (as opposed to solid state devices) are welcomed in this newsgroup. Suitable boatanchor topics may include:
- collecting
- modifying
- tuning
- obtaining parts (specific requests for parts/equipment are permitted)
- manuals and TM (tech manuals) copies exchange
- restoration and refinishing
- values of boatanchor gear
- sources for parts
- questions and advice for others
- Morse Code operation - advice, legends and lore
- Modes of operation: CW, AM, early SSB
- manufacturing during the boatanchor era, including companies, personalities, and manufacturing techniques
- design and engineering history of equipment of the boatanchor era and comparisons to prior technology (arc- and spark-gap transmitters, Alexanderson alternators, galena detectors, magnetrons, Nixies, quartz crystals).
- other subjects of a historical nature
- commercial postings, if SPECIFICALLY offering products and services DIRECTLY relating to boatanchor collecting.

OFF CHARTER TOPICS.
The following subjects are off topic in this newsgroup:
- discussions of hi-fi, stereo, and/or broadcast receivers. (use rec.antiques.radio+phono and rec.audio.tubes newsgroups)

- antique equipment (use rec.antiques.radio+phono)
- entertainment television receivers
- cross postings from rec.radio.swap
- discussions that are more appropriately held in other rec.radio.amateur newsgroups, such as code vs no-code
- off-topic commercial postings are specifically prohibited from the newsgroup

FAQ.
- A list of Frequently Asked Questions will be developed by volunteers in the newsgroup and will be posted monthly. This FAQ will be helpful to beginers as well as first time visitors to the newsgroup. The FAQ will contain a list of commercial vendors who specialize in products and services of value to boatanchor collectors.

END CHARTER.

HOW TO VOTE

Send E-MAIL to: rrab@infobahn.net

Your e-mail message should contain one and only one of the following statements:
Your e-mail message should contain one and only one of the following statements for each of the groups:

I vote YES on rec.radio.amateur.boatanchors
I vote NO on rec.radio.amateur.boatanchors

You may also vote ABSTAIN or CANCEL; these are not counted as votes and don't affect the vote count.

Anything else will be rejected by the automatic vote counting program. The votetaker will respond to your received ballots with a personal acknowledgment by mail - if you do not receive one within several days, try again. It's your responsibility to make sure your vote is registered correctly.

If you later change your mind you may vote again from the same email address; only your last valid vote will count.

VOTING PROCEDURE NOTES:

Standard Guidelines for voting apply. One person, one vote.
Votes must be mailed directly from the voter to the votetaker.
Anonymous, forwarded or proxy votes are not valid; this includes votes generated by WWW/HTML/CGI forms.

Vote counting is automated. Failure to follow these directions will mean that your vote does not get counted. Duplicate votes are resolved in favor of the most recent valid vote. Addresses and votes of all voters will be published in the final voting results post.

The purpose of a Usenet vote is to determine the genuine interest of persons who would read a proposed newsgroup. Soliciting votes from disinterested parties defeats this purpose. Please do not redistribute this CFV. If you must, direct people to the official CFV as posted to news.announce.newgroups. Distributing pre-marked or otherwise edited copies of this CFV will result in those votes being cancelled. When in doubt, ask the votetaker.

Common errors include quoting the entire article and sending your vote to the vote-takers personal address. Either of these two could result in your vote not being counted.

DISTRIBUTION:

This CFV has been cross-posted to:

rec.radio.amateur.misc

Pointers to the CFV will be posted in these newsgroups:

rec.radio.swap
rec.radio.amateur.equipment

3201. A Visual perception test

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: ssrmrouh@Reading.ac.uk
Message-ID: <51k4ed$bps@susscsc1.reading.ac.uk>
Source record: 216651

Dear fellow,
As a part of a research programme carried out in the Computational Vision Group at the Dept of Computer Science, University of Reading, UK, a visual perception test is being circulated via Internet, the result of which will be used in my thesis (and be sent to you if you so wish). The test contains a number of images which you are requested to interpret. I would be grateful if you could spent a short time (less than 10 min) to fill in the form/questionnaire for this test which is provided at my Web page at the following URL:
http://www.reading.ac.uk/~ssrmrouh/surv_tst/HTML/psy_tst1.html

Thanks in advance,

Behrouz M-Rouhani,
Research student in CAD-based vision, Dept of Computer Science, Reading Univ., UK

3202. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: Jim Cummings <jcumming@clark.dgim.doc.ca>
Message-ID: <323DAFCF.D7D@clark.dgim.doc.ca>
Source record: 216652
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Herman Goering wrote:
>

> >>>No doubt they do. But unlike in the amateur service where one must
> >>>submit oneself to an examination in order to confirm if the Pavlovian
> >>>conditioning attributed to learning Morse code has indeed been
>
> Just as Pavlovian as reading or listening to someone talk. I say "Hi Jimbo"
> and through years of conditioning his mind can take those sounds and
> attribute, through memory, meaning to them.
>
> I'll bet the aroma of a steak sauted in butter, onions and mushrooms
> will start Cummings' mouth watering - not that I'm comparing him with
> Pavlov's dogs, mind you.
>

Good thing Goering didn't bet the mortgage because he would be sharing
the streets with the dogs. None the less, in the same manner that he is
entitled to use CW in his amateur activities, he is also entitled to
include such life shortening menus in his diet.

> >> You know, if you don't like the U.S. requirements, why don't you move
> >>to Canada?
>
> >What an odd thing to ask since I live in Canada. In any case,
> >what's how is my domicile relevant to the quotation?
>
> He's hinting that ca.radio.amateur.nocode would be a more appropriate
> forum to post on.
>

Interesting that Goering should mention that newsgroup. Its existence,
like many of his interpretations of US Part 97, have one characteristic
in common - they occupy a great deal of space of an inversely
proportioned intellect.

> >73 and live better digitally
> >Jim, VE3XJ
>
> 73 and communicate better through Morse,

such beliefs must be due to a high cholosterol diet...

> Jeff KH2PZ / KH6

73 and live better digitally
Jim, VE3XJ

3203. Re: ADMS-1C for Yaesu ft-50 and others

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: bnb@mindspring.com
Message-ID: <323de163.1133212@news.mindspring.com>
Source record: 216653
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

cRiTTa66@shadow.net (cRiTTa66) wrote:

>Can someone that has the software zip up the disk and e-mail or post
>it to me? Im going to atempt to make my own link from the computer to

This software is not Freeware or Shareware, I paid for mine, I hope no
one gives you theirs. they are violating the copyright and their
software license if they do.

Regards, Bob, AE4XG

3204. Re: BULLETIN: 14 Year Old Sailor Not Heard in 3 Weeks

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: brent@network.ucsd.edu
Message-ID: <51k9meINN3e9@network.ucsd.edu>
Source record: 216654

In article <323abed1.36696011@news.syspac.com>, dnorris@k7no.com (Ohrstal Fembrock) writes:
>Well, he sailed into SF Bay Friday in good health and great spirits.
>
>Congrats to him.

Am I the only one here who thinks that a solo sailing of the ocean by a *14* year old is pretty stupid, and doesn't deserve a congratulation? It seems to say a lot about his parents, if in fact he has any who care about him... Sure, lets encourage other children to risk their lives for a little bit of attention.

Brent

3205. In search of project radios. Tube and early solid state.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: rmd@ka4ybr.netmha.com
Message-ID: <51kg4t$a0h@ka4ybr.netmha.com>
Source record: 216705
Cross-posted to:
rec.radio.swap,rec.radio.shortwave,rec.radio.amateur.misc,alt.radio.pirate,rec.radio.amateur.homebrew,rec.radio.cb

Hi-

I'm looking for some radio gear for winter projects.

In the vacuum tube arena:
Geloso (anything)
TMC (Technical Material Corporation) GPR-90 and SBE-2
Any homebuilt ham or shortwave gear.

Solid state stuff:
ICIR, Cubic, Stoner, Alda, Atlas, Astro, any other early solid state
(Hammerlund, National, etc. also)
Any homebuilt or shortwave gear.

I prefer radios in need of work and priced accordingly but will
look at anything (especially Geloso and TMC!)

Have cash, radios, and datacom gear to trade.

-bob
WB4MNF
404-888-0389

--
Bob Duckworth Consulting, 960 Ralph McGill Blvd. Atlanta GA 30306-4447
bobs' address is rmd@ka4ybr.netmha.com 404-888-0389(V) 892-2301(FAX)
Buy Sell Trade Surplus Computer Electronics Datacom Telecom since 1981.
Fax or email your list for a fast cash offer. Watch for listserv catalog.

3206. Re: Ham Web Page

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: "T.J. Alessi" <Tom@Alessi.Com>
Message-ID: <323DFEFE.4872@Alessi.Com>
Source record: 216706
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.space

Will, KN6DV wrote:
>
> Well OK while you are at it you might as well take a look at mine also.
>
> http//:www.av.qnet.com/~kn6dv
> 73 Will

They would if you correct the typo... I think it should look like this:

http://www.av.qnet.com/~kn6dv

Tom
--

T.J. Alessi, WB1L E-Mail: Tom@Alessi.Com
147 Joffre Avenue http://www.netcom.com/~alessi
Stamford, Connecticut 06905-2933 Voice: 203.977.5200

3207. FS:12V Pwr Plug;Icom,Ken, Yae,Alinco

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: n2cjj@undefined
Message-ID: <1996Sep16.201633.2319867@undefined>
Source record: 216707

I have found a source for those DC power cord plugs. The ones I've got
have 6 pins, male plastic with metal female inserts.

These plugs fit most 12VDC HF radios:
Icom 735 and alike, newer Yaesu and Alinco DX70.
Kenwood TS-120, 130, 140..430, 440, 450..850..TS50, 60, 660, 670..and alike.

Make your own power cord yourself, YOUR WAY!
Crimp or soldered, long or short, heavy gauge, purple with polka dots...

I'm offering the 6 position plug with 6 inserts for $4 each,
or a deal 3 for $10. All prices include postage in the US.

To order, kindly send a check to:

R. Langston
286 Hudson Street
Cornwall-on-Hudson, N.Y. 12520

You can also email me for info at: n2cjj@ibm.net

It's a great deal if you use one rig at home, in the car and at work and
are stuck dragging one power cord all over...

I still can't believe AES and others get $30 for a power cord.

3208. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: jjo@tekla.fi
Message-ID: <JJO.96Sep16161109@ds10.tekla.fi>
Source record: 216708

In article <1996Sep15.162914.1@ttd.teradyne.com> rice@ttd.teradyne.com (John Rice) writes:
Jari is also somewhat confused about pilot licensing in the United
States. A pilots license is a 'lifetime' license. True, you must pass
a 'flight review' every two years (among other requirements) in order to
excercise the privileges granted by the license, but you do not loose
the basic license if you fail to do so.

Considering that I am neither american nor a pilot, you might forgive
me my sloppiness on pilot licensing in the USA. In practical terms,
however, I do think that not being allowed to fly due to not taking a
'flight review' is pretty much equal to losing the license
temporarily. (I suppose that getting the privileges back is somewhat easier
or at least far cheaper than getting them the very first time.)

I also do think that if radio amateurs had to take a test every
few years in order to be allowed to operate the radios, then pretty many of us
would have very different opinions about the cw requirement than now.

--
Jari Jokiniemi, jari.jokiniemi@tekla.fi, OH2MPO, OH3BU
Tekla Oy, Koronakatu 1, 02210 Espoo, 90-8879 474

3209. When is the Hosstrader electronics/radio flea market in Rochester NH?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: "John D. Cook" <jdcook@tiac.net>
Message-ID: <323E162D.3C55@tiac.net>
Source record: 216709

Can anyone tell me when the Hosstrader electronics/radio flea market is in Rochester NH this year?

I tried Nut and Volts and then Alta Vista but all I got was some other fellow asking the same question!

Thanks in advance,
-John C.

--
Founder of Nashua Robot Builders, small computer/robot club in Nashua
Member of the national lawsuit to repeal the Communications Decency Act.
Happy ferret owner.

3210. 4-5 kw Generator Recommendations??

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: Doyle.Souders@nsc.com
Message-ID: <DxuF9y.4tx@nsc.nsc.com>
Source record: 216710

I am interested in purchasing a 4-5 KW generator for our Radio Club. Its highest use will most likely be Field Day outings and some other emergency preparedness events. My question is which way to go? The local Home Depot sells 5KW Coleman generators for around $600 and it sells Honda 4 KW generators for around $800. I would like some reports on pros and cons for various 4-5 KW generators in the $500-$900 price range. Any points you could share on picking a reliable generator would be appreciated. Obviously it will not be running continuously but it could have periods where it does run 24-48 hours of near continuous duty. Thanks for the inputs.. Doyle KG6MY

3211. Re: Learning/Improving CW Skills

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: dfinley@newshost.aoc.nrao.edu
Message-ID: <51jrkj$17g@orion.aoc.nrao.edu>
Source record: 216711

billn@PEAK.ORG (Bill Nelson) wrote:

>Vince Roberts (vroberts@rpa.net) wrote:
>: Don't waste your time and money on the Gordon West tapes. Get Code
>: Quick for a little more than 20 bucks more. It works, or he'll give
>: you your money back. Won't get that from Radio Shack

>Is Code Quick that "sight/sound" system? If so, it is to be avoided
>if a person plans on getting over about 9/10 wpm without a great
>struggle.

(snip)

>Mnemonic devices, as well as all other such "crutches", cripple a
>person when they want to increase their speed. In my opinion, it
>is a disservice to the student to do so.

Bill is absolutely correct that mnemonic devices are an impediment to developing true proficiency. However, tapes, too, should be avoided, as should slow code. Yes, no one should even think about learning code at 5 wpm if they EVER want full HF privileges.

For details see the article at URL:

http://hawk.nmt.edu/bateman/sara/finley.morse.html

73,

Dave Finley, N1IRZ

3212. TV60 Broadcasters QSO Party

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: Chris Packman <Chris@xdinet.demon.co.uk>
Message-ID: <19960916.185357.08@xdinet.demon.co.uk>
Source record: 216712

On the 2nd November 1936 the BBC started the world's first regular high definition television service from Alexandra Palace in North London. The Ariel Radio Group is celebrating this by holding a QSO party on the HF bands over the weekend of the 2nd / 3rd November 1996. Anyone involved in any aspect of broadcasting (ie, TV, radio, cable, satellite,facilities houses and support companies) is encouraged to take part. We hope that during this event a station from the group will be active using our special call for this year GB60BBC, possibly from Alexandra Palace.

This is not a contest but participants are invited to submit logs showing date, time, station worked and broadcast affiliation of station worked (ie: BBC, Granada, C4, NHK, ABC, Sony etc.) a certificate will be awarded to anyone sending in an entry. Entries may be sent either by mail to: Brian Bower, 19 Chapel Road, Flackwell Heath, High Wycombe, Bucks. HP10 9AB or by e-mail to qsop@xdinet.demon.co.uk to arrive by January 1st 1997

The QSO party will start at 00:01 UTC on 2nd November and finish at 23:59 UTC on 3rd November, call CQ TV60 to attract attention. Suggested centres of activity are 3.72Mhz, 7.06Mhz, 14.38Mhz, 18.16Mhz, 21.38Mhz, 24.96Mhz, 28.38Mhz on SSB and 3.53Mhz, 7.03Mhz, 10.135Mhz, 14.055Mhz, 18.075Mhz, 21.075Mhz, 24.905Mhz and 28.075Mhz on CW.

Information about the Ariel Radio Group, newsletters and details of the current GB60BBC operation are available from the group's web site at:- http://www.xdinet.demon.co.uk/ARG/

Chris Packman G6XDI

--
chris@xdinet.demon.co.uk http://www.xdinet.demon.co.uk/
Ariel Radio Group News Pages http://www.xdinet.demon.co.uk/ARG/

3213. Re: Yaesu Owners: extraterrestrial frequency!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: Steve Turner <stevet@mail.utexas.edu>
Message-ID: <323E101A.441D0AA1@mail.utexas.edu>
Source record: 216713

Robert F. Good wrote:
>
> "JRW4" <jrw4@ix.netcom.com> wrote:
>
> >Wanna hear aliens -- as in, from outer space?
> >
> >Well, I found the frequency for you to monitor -- but only if you
have a
> >Yaesu HT.
> >
> >Punch in 897.25 Mhz -- you'll see what I mean.
> >
> I don't hear a thing on my FT-50R. I assume that you are having fun
> with the readers of this group.
>
> Bob, AE4XG

Those DTMF tones play the famous riff from the movie
"Close Encounters of the 3rd Kind". You can do the
same thing on a telephone by dialing 89725.

--
Steve Turner KC5LCS
stevet@mail.utexas.edu

3214. IPS Daily Report - 16 September 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <51kmt3$36h@flare.syd.ips.oz.au>
Source record: 216714
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 16/2330Z SEPTEMBER 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE AUSTRALIAN SPACE FORECAST CENTRE
SUMMARY FOR 16 SEPTEMBER AND FORECAST FOR 17 SEPTEMBER - 19 SEPTEMBER

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 68/2

GOES satellite data for 15 Sep
Daily Proton Fluence >1 MeV: 2.3E+06
Daily Proton Fluence >10 MeV: 1.7E+04
Daily Electron Fluence >2 MeV: 9.8E+08 (high)
X-ray background: A1.0
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
17 Sep 18 Sep 19 Sep
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 17 Sep: 68/2

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: quiet to active

Estimated Indices : A K Observed A Index 15 Sep
Learmonth 16 3343 3422
Fredericksburg 20 15
Planetary 18 16

Observed Kp for 15 Sep: 2233 4244

2B. MAGNETIC FORECAST
Date Ap Conditions
17 Sep 7 Quiet
18 Sep 7 Quiet
19 Sep 10 Quiet to unsettled

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band

Date Low Middle High
16 Sep Fair-normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
17 Sep Normal Normal Normal
18 Sep Normal Normal Normal
19 Sep Normal Normal Normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
16 Sep -3

Observed Australian Regional MUFs:
Darwin: 15-40% depressed for the period 0200-0900UT,
otherwise near predicted monthly values.
Townsville: 15% depressed for the period 0100-1100UT,
otherwise near predicted monthly values.
Sydney: Near predicted monthly values.
Hobart: Near predicted monthly values.

Predicted Monthly T index for September: 9

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
17 Sep 0 near predicted monthly values
18 Sep 0 near predicted monthly values
19 Sep 5 near predicted monthly values

--
IPS Radio and Space Services | email: asfc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/asfc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
tel: +61 2 94148300 | fax: +61 2 94148331

3215. Re: Who Do You Hear on HF?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <51k4et$1l6s@usenetw1.news.prodigy.com>
Source record: 216715

wally@pop.uky.edu (Walter R Francis) wrote:
>
>
>On 01-Sep-96 22:02:30, carl <carl@ais.net> wrote:
>>In <50b6va$mmv@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net
(Jim
>>Kehler) writes:
>>>Tim,
>>> Apparently you don't know Spew. Let me introduce him to you. The
fact
>>>that he can spell 'HF' amazes most of us. Asking him to explain
things
>>>about it is over his head. He can't 'tune in' to the QRP frequencies,
as he
>>>doesn't have a radio. (He hears voices in his head, so I guess he
doesn't
>>>need one). He can't increase his code speed, as he has no code speed
to
>>>increase. Trying to explain to him how he could enjoy ham radio is
>>>useless. He doesn't want to enjoy ham radio - he only wants to troll
on
>>>internet.
>
>Exactly, Drew is a bedwetting wanker who has nothing better to do but
bitch
>and moan and beg for attention. Which I see 30 responces, including
this one
>I suppose.

Yes. So what's your point?

-Drew in Sunny Central Florida-
KF4DDM

3216. Re: "Exotic" HF Digital vs. CW,SSB

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: cecilp@magic.bunt.com
Message-ID: <51kigr$ojq@krypto.zippo.com>
Source record: 216716
Cross-posted to: rec.radio.amateur.misc,rec.radio.,amateur.digital

carl@ais.net wrote:

>It's high time the "CW olde fartz" stopped whining about the "good old
>days" and realized that in the "good old days" the hams were the
>INVENTORS and ADOPTERS of NEW TECHNOLOGY ... not the lazy, stagnated,
>technophobes they've become.

>(I don't mean this to be personally offensive ... but you folks have GOT
>to realize that the TERRIBLE change that's come over ham radio in the
>past 50 years is NOT new technology, it's stagnant OLD THINKING.)

>73,
>Carl - wa6vse
>carl@ais.net

Carl,
By now you have read my other response to you. As I said you are a "techie", and there is nothing wrong with that. But do not try to force fit everyone into the same mold as you. A majority of the Hams are only interested in operating the radios and providing service to the public. Attacking them is only going to anger them and they will come to detest the idea of trying new technology for fear of "being just like Carl". You may like the idea, but they will not.

I do not know if you have written any articles or presented projects to the industry. But if you want to help the Community then start introducing us to all this new technology that you love and know. A majority of the hams only receive the major Ham publications. When was the last time you saw articles on those subjects. (and Communications Quarterly and QEX don't count, as too few get them). Write articles on the new technology that is out there, develope kits that will help to teach those people who want to learn. Develope radios that use the cutting edge to prove to the nay sayers that it does really work, and will make their life as Hams easier. Do all of this and you will make a positive contribution that will be remebered.

73
Paul Cecil
KA5FPT / DA2PC
Kaiserslautern, Germany
Ramstein Air Base
email: cecilp@magic.bunt.com

My final thought is this:
Robert Heinlein in his novel "Starship Troopers" said this -

The American Constitution guarantees you the right to the pursuit of happiness, but no where does it guarantee you the right to succeed in your pursuit of it.

And somewhere I remember being told that "that which is not earned but given freely away has no value."

3217. Re: Code / No-Code, I think you ALL are a bunch of freaking morons.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: cecilp@magic.bunt.com
Message-ID: <51kih3$ojq@krypto.zippo.com>
Source record: 216717

dbrooks@cisnet.com (Don Brooks) wrote:

>Get a life. Who cares. You like code, you use code. You don't like
>code, don't use code.

>I would think that with this argument going on for so many years now
>you people would start getting tired of it. Maybe you all need to
>find some new hobbies. Maybe you just need something new to talk
>about. I wonder what the hell you people talked about before the
>no-code.

>I say we give up on testing completely. All I hear on the radio are a
>bunch of freaking morons anyway, no-code tech, or extra class, it
>just does not matter. Just a bunch of losers who think that because
>they passed some stupid little test, whether it be a code test or a
>written test, that they are some kind of special person. Does your
>little card make YOU feel special? If so, you really do need to go
>out and actually accomplish something in life that you really can feel
>good about, and you need to stop beating your wife. The reason you
>beat your wife is the same as why you feel so special to be a ham,
>basically you are a loser and you need to feel important. The card
>and your wives bloody noses do this for you.

>Get a dog and beat it.

>Go buy a CB, you will fit right in with those inbreeds.

>Get the hell off the Internet, plenty of losers out here already, they
>don't need any help from YOU.

>I'll bet those of you who don't beat your wife don't have a wife.
>I'll bet you have always been afraid to talk to girls. I'll bet you
>still live with your mother. Probably work at McDonalds part time.

>Some of you guys are security guys. Don't get me started. You want
>to talk about mental problems. Hams who are security guys are really
>screwed up. Shouldn't let security guys become hams. Make THEM pass
>a 60wpm code test.

>Tubes suck. Nobody should be allowed to use a radio that has tubes.
>Come to think of it, lets include crystals. Do you use a crystal
>controlled tube rig, you wife beating security inbreed?

>So many mentals out here. So much hostility. It has to end.

Hey Carl
Over here, I think I found a new toy to play with!! :>

Paul Cecil

3218. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: cecilp@magic.bunt.com
Message-ID: <51kigl$ojq@krypto.zippo.com>
Source record: 216718
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

I have been sitting on the sidelines (yeah I stuck my nose out to test the weather), but I have had up to here with both sides of this CRAP!!!

To the those who support the code, we (that means me too) might as well accept that CW has about a 10 year life span before it is dropped as a requirement. That being the case... we better start deciding how we want to influence the FCC to insure that the Amateur Radio Service does not become the CB/Amateur Radio Band.

To the No-Coders, you will win. But ask yourselves while your celebrating did you really want to win like this. If you are not carefull you can fracture the Ham Community, and if that happens we all lose! The Industerial/Communication Services out there will eat us alive then what will we have left. Remember: United we stand, Divided we fall. Not just the "old farts" but all. And if you do not want the equivalent of a CB service then you better figure on how you will insure only those who are willing to work to be Hams are Hams.

That to me is what the Code is all about, a hurdle over which the lazy can not pass. Only those who are willing to put forth the effort should become hams. If we take away the a Code then we need to replace it with another hurdle.

Finally, Carl. After reading your responses I think I know you. We are not that different. You are a "techie", you like being on the cutting edge where things are happening and you can be challanged. The problem is you expect all other hams around you to be the same as you. But it is time to do a reality check. A majority of the hams since the beginning have been appaliance operators. In the old days hams had to build their equipment that is true. They did so from schematics and articles in magazines, whose authors were the Hams who did the actual work. Only a few hams have been at the leading edge of technology. Then there were those who applied the work of those leading edge hams. Finally came the masses. Look at most of the earlier radio companies, they were founded by Hams to make money off of Hams (and the public). As I said you need to look around you realize that most Hams enjoy the hobby/service aspect of Amateur Radio, and not the cutting edge technology.

Lastly, let remind all that a far greater threat lies over our "Hobby", and that is our own goverment. It needs money and is looking at all ways to get it. Even now pressure is being applied to sell our portions of the radio spectrum. Remember: UNITED WE STAND.

Let me end with these final thoughts::
Robert Heinlein in his novel "Starship Troopers" said this -
The American Constitution guarantees you the right to the pursuit of happiness, but no where does it guarantee you the right to succeed in your pursuit of it.

And somewhere I remember being told that "that which is not earned but given freely away has no value."

Do not devalue our Ham License by giving it away, Please.

73
Paul Cecil
KA5FPT / DA2PC
Kaiserslautern, Germany
Ramstein Air Base
email: cecilp@magic.bunt.com

3219. Re: Keep CW Requirement?...on radio show!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <51k5vi$jvc@news.Hawaii.Edu>
Source record: 216719

In article <51ei4o$6c4@news.ais.net>, <carl@ais.net> wrote:
>From my point of view, the knowledgable, courteous no-code tech's
>opinion is of FAR more value than those of the ignorant, ill-mannered
>20wpm+CW lids who jam and curse on 14.3xx and other places throughout
>the HF bands.

Which just goes to show that even the lids can learn the code. What you
fail to mention is that none of that behavior occures *on* CW (of course,
you'd have to be able to copy the code to know that, right Carl?).

Also, folks are passing the newer fill-in-the-blank N wpm code test quite
easily these days (as opposed to one minute of error-free copy) so of
course we're seeing more lids on HF now. We could actually say that
the code speeds have already been lowered (recall the VE who spoke of
those passing the 13wpm code test who weren't able to copy 7wpm error-free?).

>Carl - wa6vse (Tech+ for 21 years)
>carl@ais.net

Jeff KH2PZ / KH6

3220. Re: Code / No-Code, I think you ALL are a bunch of freaking morons.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-16 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <51k9ek$o4d@news.Hawaii.Edu>
Source record: 216720

Having had too much coffee, Don Brooks <dbrooks@cisnet.com> wrote:

>Get a life. Who cares. You like code, you use code. You don't like
>code, don't use code.
>I say we give up on testing completely. All I hear on the radio are a
>bunch of freaking morons anyway, no-code tech, or extra class, it
>just does not matter. Just a bunch of losers who think that because
>they passed some stupid little test, whether it be a code test or a
>written test, that they are some kind of special person. Does your
>little card make YOU feel special? If so, you really do need to go
>out and actually accomplish something in life that you really can feel
>good about, and you need to stop beating your wife. The reason you
>beat your wife is the same as why you feel so special to be a ham,
>basically you are a loser and you need to feel important. The card
>and your wives bloody noses do this for you.
>Get a dog and beat it.
>I'll bet those of you who don't beat your wife don't have a wife.
>So many mentals out here. So much hostility. It has to end.

[lots of very angry stuff deleted]

What's the matter Don, fall out of bed on your head this morning?

You don't seem to realize we're having some fun on here, and honing
our debate skills. I admit I'm not one of the better debaters but
believe I'm able to get my opinions across to the nice folks on
here.

I wouldn't dare beat my girlfriend - she's Vietnamese - she'd come
after me with a knife. (Many Asian women, when they get angry, have
a propensity to cut off a male's reproductive organ - they don't
bother debating the issue; thus *never* do anything to anger them.)

You didn't provide a call so we can only assume you're on the outside
looking in. Why not do a week or two of studying and come join the
fun on the air? What goes on here does not represent amateur radio
at all. Also, our speciality groups such as .antenna and .homebrew
make very pleasant reading if you tire of debates.

73 (that means "best regards", Don) from Hawaii,
Jeff KH2PZ / KH6

3221. HTX202

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: "J.Larry Taylor" <va3wjr@netrover.com>
Message-ID: <01bba4b9.fdb4a500$2656bace@j.larryt>
Source record: 216655

Mods needed for the Realistic HTX-202 to increase recieve frequencies.
Please e-mail
va3wjr@netrover.com. Thanx. 73's

3222. Mt Holly, NJ HAMFEST 9/22

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: bob@waterw.com
Message-ID: <51md9r$9f3@sea.waterw.com>
Source record: 216656

Sunday, 9/22/96, is the SJRA Hamfest. The hamfest was moved from the Pennsauken location to the National Guard Armory on Route 38 in Mt Holly (on the east side of town). There will be indoor space and limited electricity available, as well as a large outdoor area. Tickets are $5 at the door. Talk-in is via K2AA on 145.19/-600.

For more info, email to sjra@waterw.com.

73,
Bob

3223. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: David Dees <Ratchet@datasync.com>
Message-ID: <323F261D.404F@datasync.com>
Source record: 216657
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Joe Craig wrote:
>
> Gerald Schmitt (kc5egg@ix.netcom.com) wrote:
> : In <51eper$ecs@abyss.West.Sun.COM> myers@West.Sun.COM (Dana Myers)
> : writes:
> : >
> : >In article <51ek6h$6c4@news.ais.net>, <carl@ais.net> wrote:
> : >>In <1996Sep12.133148.1@ttd.teradyne.com>, rice@ttd.teradyne.com (John
> : Rice) writes:
> : >>>In article <charles1DxLAJE.Hsn@netcom.com>, charles1@netcom.com
> : (charles copeland) writes:
> : >>>> In article <515bgo$rlh@lehi.kuentos.guam.net>,
> : >>>> Jim Kehler <pacrimgolf@kuentos.guam.net> wrote:
> : >>>>>
> : >>>>>
> : >>>>>I know you guys want a no code HF license. But I don't know
> : exactly
> : >>>>>what you expect to get when or if you get one. I have seen a lot
> : of
> : >>>>>'logic' from the Carl Clan supporting the 'plan', but I haven't
> : seen
> : >>>>>much about what 'the plan' is. That's why I am asking.
> : >>>>
> : >>>> Simply put, substitute much more stringent technical written
> : >>>> tests for code test. Thats all.
> : >>>
> : >>>I'll buy that. Let's go back to the days where you had to draw
> : >>>schematics and do 'real math'. No more 'memorize the test'. I'd go
> : for
> : > ^^^^^^^^^
> : >>>that...
> : >>>
> : >>
> : >>Me, too! NO PROBLEM!
> : >
> : >Actually, I think the tests should include complex math, too.
> : >
> : >--
> : > * Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and
> : should *
> : > * (310) 348-6043 | not be interpreted or represented as
> : *
> : > * Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc.

> : *
> : >
>
> : And what's the matter with; hole theory, relativistic momentum
> : equations, or just a touch of quantum mechanics. Actually all of the
> : above are useful in amateur radio but unlike CW you don't have to
> : master them to enjoy the hobby.
>
> : 73 Jerry
>
> You do if you want to use MP-QSD (meson-photon quantum state decoupling).
> That's the new mode that makes digital and spread spectrum obsolete.
> The only problem is that it is useless on waves shorter than 10 metres.
> ... and the CW requirement is keeping all these theoretical physicists
> who can contribute _so much_ to our hobby off HF. sob sob!
>
> ;->
>
> :
>
> --
> 73 Joe VO1NA

>Why dont all you cry babies just bite the bullet and admit you are too lazy to work at cw?
nt4g dave

3224. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: carl@ais.net
Message-ID: <51kqn0$kmt@news.ais.net>
Source record: 216658

In <51k6j7$1ai@altair.cs.unc.edu>, nick@cs.unc.edu (Nick England) writes:
>Let me ask a question to the folks proposing better theory testing as a
>substitute for code testing :
>
>Do you really believe there could ever be a serious technical test which
>would limit access to the HF bands ? Politically speaking, I mean. I'll
>grant you that it is possible to write and administer a meaningful
>technical test.
>

Why is the primary focus on testing ALWAYS as a means to "limit access
to the HF bands" ???

We need more people, not less ... but yes, they should be qualified to
safely operate radios without hurting themselves or others, and without
causing harmful interference to other services ... that's all.

That's why a reasonable technical test is needed ... a CW test is NOT.

Carl - wa6vse
carl@ais.net

3225. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: carl@ais.net
Message-ID: <51kqgh$kmt@news.ais.net>
Source record: 216659
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <51igac$k1a@anomaly.ideamation.com>, kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:
>In article <51i6dr$8bn@news.ais.net>, <carl@ais.net> wrote:
>
>>SSB is NOT dead ... just middle-aged ... CW, on the other hand is
>>positively fossilized ..
>
>Given that one is, at best, only a few years younger than the other,
>methinks that your statement is biased from your own inherent dislikes.
>

Mike,

Morse code is almost 150 years old ... SSB first came into use in the 1950s or thereabouts ... how do you figure that "Given that one is, at best, only a few years younger than the other" ???

Carl - wa6vse
carl@ais.net

3226. HTX-100 help requested

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: jspatric@mailhost.ecn.uoknor.edu
Message-ID: <51n8rr$29r@frazier.backbone.ou.edu>
Source record: 216660

I have recently purchased used an HTX-100 10m SSB/CW rig. I have a few questions to help determine what's the matter with it.

1) On CW, should the Signal/RF Power meter go to '9' or '7' on high power, and '7' or '3' on low power?

2) Shouldn't the meter read when SSB is used an I am speaking in it?

Thanks for your help. I'm just trying to use my HF privs!

John - KC5VEI
--
John Patrick (jpatrick@ou.edu) - KC5VEI
Electrical/Computer Engineering Senior @ The University of Oklahoma
* John's EE Page: <http://www.ecn.ou.edu/~jspatric/ee-info.html> *

3227. JRC JST-245 Transceiver

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: dat0297@iperbole.bologna.it
Message-ID: <51m7n0$rcf@qualcuno.nettuno.it>
Source record: 216661

Hi!
I am searching for mods and/or "hidden" features of my JST-245, made by JRC. I looked for mods on ftp.cdrom.com (mirror of oakland), but I found nothing.

Anyone can help me with pointers or files?
Thanks,

73 73
de IZ4AFW, Fabio
--
CallSign IZ4AFW
EMail dat0297@iperbole.bologna.it
Home Page http://www.geocities.com/SiliconValley/Park/2219

3228. Indiana Repeater/ATV/Packet APRS Balloon Launch II.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: h1riley@umassd.edu
Message-ID: <51n5oh$7pi@gatekeeper.umassd.edu>
Source record: 216662

This is a repeat performance of the very successful launch which
took place Sept. 7 near Kokomo, IN.

CENTRAL INDIANA REPEATER/ATV/GPS PACKET BALLOON LAUNCH

Region: Central Indiana

Date/Time: Saturday, September 21 / 7:00-8:00 AM
Eastern Standard Time (Indiana local time),
8:00-9:00 AM EDT, 12:00-13:00 UTC

Location: New Augusta, Indiana (Indianapolis suburb
about 7 miles northwest of downtown)

Other states the
signals will
easily reach: Ohio, Illinois, Michigan, Kentucky

Site Coordinates: approximate for initial antenna heading;
(not for navigating to launch site)
39' 53" North Lat.
86' 14" West Long.

ATV: 439.25 MHz AM NTSC from live camera;
VERTICAL polarization.

VHF/UHF Repeater: Input - 144.30 MHz FM
Dual Output - 444.85 MHz FM
- 52.525 MHz FM

Telemetry: 446.00 MHz FM AX.25 1200 baud packet
GPS/APRS position data

HF Net: 3.869 - 3.871 Mhz SSB

Local repeater
talk-in: not yet determined

Other notes: all antennas vertically polarized

---
launch data courtesy of Malcolm Mallette, WA9BVS
malletem@trader.com

Please email me news of upcoming balloon launches and post-flight
reports for distribution on the Net.

Hank Riley, N1LTV latest version of DfCalc
h1riley@umassd.edu for direction finding

http://www.geocities.com/CapeCanaveral/3161 <--- here; Windows version coming soon.

3229. A program to learn code on Unix (shareware)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: skubi@rodin.inria.fr
Message-ID: <51mord$hcr@news-rocq.inria.fr>
Source record: 216663
Body handling: HTML body converted to readable text

```
This works on Unix and Unix-like machines only.

Save this message to a file, cut below the line with many ='s,
compile, and learn code.

Permission to copy and redistribute non-commercially is granted under
specific conditions (see below, section SHAREWARE INFORMATION).

Enjoy!

Marcin.

======================================================================

char version[]="$Id: bip.c,v 1.10 1996/03/31 23:25:24 skubi Exp skubi $";
/*
bip.c Marcin Skubiszewski (c) 1996

HOW TO COMPILE bip

bip.c is expected to compile with ANSI C compilers, with C++
compilers, and with K&R (old style) C compilers. With the latter, say
-DOLDCC on command line.

Under systems other than Linux, bip requires Xwindows; say -lX11 when
compiling it.

Under Linux, bip.c can work with or without Xwindows.

- If you do not have Xwindows, say -DNOX instead of "-lX11" when
compiling. The resulting executable will always beep on the console of
the machine where it runs, and will not use Xwindows. It will work
under Linux regardless of whether a given machine has Xwindows installed.

- If you have Xwindows installed, you can either proceed as above,
or say -lX11 when compiling bip.c. In the latter case, the executable
will use Xwindows or the local console, according to whether variable
DISPLAY is set or not at execution time; but it will not run at all on
machines which do not have Xwindows installed.

bip has been tested on the following systems:

SunOS 4.1.3 gcc -O2 bip.c -lX11 -o bip
or: cc -DOLDCC -O bip-oldcc.c -lX11 -o bip

Linux gcc -O2 bip.c -lX11 -o bip
or: gcc -O2 bip.c -DNOX -o bip
```

DEC Alpha OSF/1 gcc -O2 bip.c -lX11 -o bip

AND WHAT IF IT DOES NOT COMPILE ?

Porting

Look above to see whether bip.c has been tested on your system. If
not, some porting may be needed. Just do it, usually it's simple.

If your system is not Linux and you do not have (and have no simple
way to get) Xwindows, bip.c will not run or compile: bip.c uses the X
Windows libX11.a programming interface in order to send beeps. You
must find an interface in your system which allows you to send beeps
of arbitrary durations, and modify bip.c to use this interface instead
of Xwindows. This is harder than porting bip.c to a new platform which
has Xwindows.

Whe you do porting (of any kind)

- you can ask me for help, I will be glad to provide it.
- you are encouraged to consider the results of your porting as your
shareware contribution, and instead of sending money, to send them to me
with permission to redistribute freely.

General thoughts

Check the correctness of your installation of the system. Upgrade if
appropriate (eg., fetch the newest installation of linux).

Specific solutions

If errno.h (or a file included from within errno.h) cannot be found,
just replace the line "#include " with "extern int errno;".

GENERAL DESCRIPTION

A program to learn Morse code. Sends random groups, words from a
user-specified list, or user-provided text.

"bip -H" gives the list of options; "bip -h" gives shareware information

General description:

This program contains the Morse code as in section 30.39 of the ARRL
Handbook 1995, national characters excepted. The encoding is in
global variable morseCode, and its is straightforward to change or
augment it.

When sending externally provided text or words, the full encoding is used.
A newline is treated as whitespace, a blank line is treated as a
paragraph (AL).

When sending random groups, only the specified set of characters is used. By
default, the character set used in French ham exams is in use. See the
description of options in order to change the set. Examples:

```
bip s=eish5 - only send characters e i s h 5
bip su - use the USA ham exam charset
bip s+bbbd - cause b to accur 4 times more frequently than normal,
and d twice more frequently
bip cw13 "s=.,?/+SK AS="
- send American non-alphanumeric chars & prosigns at 13 WPM
hostname | gawk 'BEGIN{FS="\.";}; {print $1;}' | bip q F- d70
- this should be in your .login (DISPLAY must first
be set as appropriate)
```

By default, the program sends random groups of five characters. Option g causes the groups to contain characters instead. Options g and G used together provide for variable-length groups with [n..m] chars.

Option F- causes stdin to be sent instead of random groups.
Option F causes to be sent.
Options W- and W consider stdin (resp.) as a list of blank-and-or-newline separated words, and send these words in a random order.

Speed: options dw and cw (and the more complicated options d, c, w, ww) determine sending speed. I highly recommend the Farhneit method: even if you are a complete beginner, set a fast character speed ("dw15": 15 WPM or "d60": 60 ms, which is roughly equiv.), and make the spacing between characters as big as necessary (eg. "c1500": 1.5 s of silence between consecutive chars, or "cw4": 4 WPM overall speed).

Tone and volume: option p sets the tone (it takes an argument in Hz). Not all machines allow you to change tone. Option P sets the volume (it takes an integer argument between 0 and 100: the % of the maximal possible volume).

Jitter: option j determines jitter, between 0 and 1 (the more jitter, the harder it is to copy). "j0" means no jitter (the default), "j0.3" is strong jitter.

Examples of options:

```
bip dw12 speed 12 WPM
bip dw12 cw5 Fahrein system: each character sent at 12 WPM,
overall speed 5 WPM
bip g3 G10 sends random groups of length chosen
randomly between 3 and 10
stty cbreak; bip q F- dw15; stty cooked
send what you type on the keyboard
```

HOW TO START LEARNING CODE

You can start with learning e i s h 5, individual characters sent at 14 WPM, overall speed 3 WPM. This is accomplished by "bip s=eish5 dw14 cw3". Then, increase overall speed progressively up to 7 WPM, i.e. to "bip s=eish5 dw14 cw7" (you do not change the character speed).

Then, you learn similarly t m o 0. Then, you mix in the previously-learnt characters: "bip s=eish5tmo0tmo0tmo0tmo0tmo0tmo0 dw14 cw3" (t m o 0 appear most of the time, the other characters appear six times less frequently); or "bip s=eish5tmo0 dw14 cw3" (all characters equiprobable).

And so on, until you know the entire charset. Then, with the entire charset, you work speed beyond 7 WPM. For example, to practice for American Extra Class, use "bip su cw18". When practicing for an exam, you may use words, eg. "bip cw18 W/usr/dict/words" or variable-length groups, eg. "bip su cw18 g1 G10".

If, at any stage while learning, you observe that you have special problems with some characters, you increase the relative frequency of these characters until the problem disappears. Eg. if you can't correctly copy b, l and AS, use "bip su 's+bbbbllllAS AS AS AS'.

Be prepared to spend lots of time. For example, learning code for the French exam (10 WPM, groups & cleartext, 1 error/minute allowed) takes up to 100 hours.

SHAREWARE INFORMATION

This is shareware. If you use this program, you have to send me a small reward for developping it. Rewards can take two forms: code or money. You do not need to send both.

CODE: improve this program or port it to a new system or architecture, and send me your code, with permission to reuse freely.
Even small improvements or easy ports will be appreciated.
E-mail: skubi@rodin.inria.fr

MONEY:
- USA residents, please send $7 (international money order) or $10 in cash (this amount is $10 because I prefer money orders and because $7 bills do not exist)
- French residents, envoyez SVP 35 FF (cheque ou mandat postal)
- other nations, please send the equivalent of $7 in the currency of your choice (cash or international money order)

Marcin Skubiszewski
24 rue de l'Oasis
92800 Puteaux, France

Permission is granted to the public to modify, copy and use this program, under the condition that this is not done for profit or commercially. Before you distribute a modified version of the program, the following conditions must be met.

- A copy (in source form) of the modified program must have been sent to the original author, with permission to reuse freely.
- The notices "SHAREWARE INFORMATION", including requests to send code or money to the original author, must remain intact in the modified version. No other request for money (or

```
anything) can be added.
- The modified version must contain a prominent notice saying who
has made the modifications.

To otherwise copy, modify or use the program requires a specific
permission. Ask the author. */

#ifdef OLDCC
#define const
#define P(a) ()
#else
#define P(a) a
#endif
#if (defined(__linux__) || defined(__linux)) && !defined(linux)
#define linux 1
#endif

#if defined(NOX) && !defined(linux)
It does not make sense to define NOX if you are not under Linux.
NOX means that the X11 beeping interface is not used, and this program
has an alternative for this interface only under Linux.
#endif

char *usageText[] = {
" USAGE",
"",
"BIP is shareware. Type \"bip h\" for more information.",
"",
"bip version 1.0, a Morse code teaching program for Unix-like systems.",
"",
"Command-line options:",
"(times are in milliseconds, except as stated otherwise; default values",
"are given in square brackets)",
"",
" d: set dot duration [50 ms]",
" dw: set dot duration so that the resulting character speed",
" will be approximately ",
/*" D: dash duration [3 * dot duration]",
" (under normal circumstancies, do not use option D)",*/
" c: spacing between characters [dash duration]",
" cw: set spacing between characters so as to obtain overall",
" speed of , without changing speed of individual characters",
" w: spacing between words [2 * dash duration]",
" ww: set spacing between words so as to obtain overall speed",
" of , without changing speed of individual words",
" j: jitter: every time will be randomly shortened or made",
" longer by up to proportion of its normal duration; the more",
" jitter, the harder it is to copy code [0]",
" g: minimal length of a random group of characters [5]",
" G: maximal length of a random group of characters",
" [minimal length]",
```

```
" F: send contents of instead of random chars",
" F-: send stdin instead of random chars",
" W: consider as a list of words; send these words",
" in random order",
" W-: same as above, except that stdin is read instead of ",
" n: max number of characters to output [unlimited]",
" H: gives this message",
" h: gives shareware information",
" sf: character set as for the French ham exam [this is the default]",
" su: character set as for the USA ham exam",
" s=: use as character set",
" s+: add to the character set",
" If a character is present many times in the charset resulting from these",
" options, it will appear with a frequency proportional to the number",
" of times it is present",
" p: bell pitch (frequency in Hz)",
" P: bell percent (% of maximal possible volume)",
" v: verbose",
" q: quiet",
0
};

char *sharewareText[] = {
"",
" SHAREWARE INFORMATION",
"",
"Type \"bip H\" for more information about this program.",
"",
"bip.c version 1.0, Copyright 1996 Marcin Skubiszewski",
"",
"This is shareware. If you use this program, you have to send me a small",
"reward for developping it. Rewards can take two forms: code or money.",
"You do not need to send both.",
"",
"CODE: improve this program or port it to a new system or architecture,",
" and send me your code, with permission to reuse freely.",
" Even small improvements or easy ports will be appreciated.",
" E-mail: skubi@rodin.inria.fr",
"",
"MONEY:",
" - USA residents, please send $7 (international money order)",
" or $10 in cash (this amount is $10 because I prefer money orders",
" and because $7 bills do not exist)",
" - French residents, envoyez SVP 35 FF (cheque ou mandat postal)",
" - other nations, please send the equivalent of $7 in the currency",
" of your choice (cash or international money order)",
"",
" Marcin Skubiszewski",
" 24 rue de l'Oasis",
" 92800 Puteaux, France",
```

```
"",
"Permission is granted to the public to modify, copy and use this program,",
"under the condition that this is not done for profit or commercially. There",
"are extra conditions required for distributing modified versions;",
"these conditions are stated in the \"SHAREWARE INFORMATION\" section of the",
"comments in the program's source code.",
"",
"To otherwise copy, modify or use the program, a specific permission is",
"required. Ask the author.",
0
};

#include
#include
#ifndef NOX
#include
#endif
#ifdef linux
#include
#include
#include
#endif
/* This is for DEC cxx */
#if defined(__LANGUAGE_C) && !defined(__LANGUAGE_C__)
#define __LANGUAGE_C__
#endif
#include
#include
#include
#include

#ifndef NOX
XKeyboardState ks;
XKeyboardControl kc;
#endif

unsigned int prevdur;
int pitch = 1500, prevpitch, pitchSet=0;
#if defined(linux)
/* This patches around a bug in at least one linux machine */
int percent=-1, prevpercent, percentSet=1;
#else
int percent, prevpercent, percentSet=0;
#endif
unsigned bellMask = 0;

#ifndef NOX
char *dispName=0;
Display *d = 0;
#endif
int console = 0;
```

```
int charsDone=0;
int blankDone=1;
struct timeval startTime;

char charsetFrance[] ="abcdefghijklmnopqrstuvwxyz1234567890.,?/+'SK AS";
char charsetUSA[] = "abcdefghijklmnopqrstuvwxyz1234567890.,?/+SK AS=";

/*
* These values may be modified by command-line arguments
*/

int verbosity=0; /* 0: normal; 2: debugging; 1: verbose; -1: quiet */
int dotdur=50, dotdurSet=0;
double dotdurW; int dotdurWSet=0;
double jitter=0; int jitterSet=0;
int charSpace=150, charSpaceSet=0;
double charSpaceW; int charSpaceWSet=0;
int wordSpace=300, wordSpaceSet=0;
double wordSpaceW; int wordSpaceWSet=0;
int groupMin=5, groupMinSet=0;
int groupMax=5, groupMaxSet=0;
int totalChars=-1, totalCharsSet=0;
const char *filename = 0; int filenameSet = 0;
const char *Wfilename = 0; int WfilenameSet = 0;
char *charset = 0; /* charset stays 0 until set */

/* In the line above, replace charsetFrance with charsetUSA if you want to
use by default the charset used in US ham exams */

FILE *f = 0;
int expectedDelay=13000;

extern char *morseCode[];
extern char *sharewareText[];
extern char *usageText[];

/* A fast function for allocating small chunks of memory */

#ifndef OLDCC
char *fastAlloc (int size)
#else
char *fastAlloc (size)
int size;
#endif
{
static char *block=0;
static int remains=0;
char *result;
if (size <= 0 || size > 2048) {
fprintf (stderr,
"Internal error: fastAlloc: wrong size requested %d\n",
size);
}
if (remains < size) {
```

```
block = malloc (12000);
if (block == 0) {
fprintf (stderr, "Memory exhausted\n");
exit(1);
}
remains = 12000;
}
result = block;
block += size;
remains -= size;
return result;
}

typedef struct _charDesc {
unsigned short elts; /* LSB first; 0 dot, 1 dash */
char length; /* number of elements */
char name [9];
char thisChar;
char time; /* Time of this char in dots, assuming 1 dash = 3 dots */
} charDesc;

charDesc charTable[256];
int nextGroupEnd=0;

typedef struct _prosignNode {
struct _prosignNode *deeper;
charDesc *desc;
} prosignNode;

prosignNode pros[26];

/* For debugging */

#ifndef OLDCC
void listPros(prosignNode *n, int level)
#else
void listPros(n, level)
prosignNode *n; int level;
#endif
{
int i;
for (i=0; i<26; i++) {
if (n[i].deeper || n[i].desc) {
int j;
for (j=0; jname : "");
if (n[i].deeper) {
listPros(n[i].deeper, level+1);
}
}
}
}
```

```
#ifndef OLDCC
void prosInit (prosignNode *p)
#else
void prosInit(p)
prosignNode *p;
#endif
{
int i;
for (i=0; i<26; i++) {
p[i].deeper=0;
p[i].desc=0;
}
}

#ifndef OLDCC
void registerPros (charDesc *desc)
#else
void registerPros (desc)
charDesc *desc;
#endif
{
int l = strlen (desc->name);
int i;
prosignNode *p = pros + (desc->name[0] - 'A');
if (desc->name[0] < 'A' || desc->name[0] > 'Z') {
fprintf (stderr,
"Invalid prosign %s (only capital letters are allowed)\n",
desc->name);
exit(1);
}
if (verbosity >= 2) {
printf ("register %s %d %d\n", desc->name, desc->name[0] - 'A',
desc->name[1] - 'A');
}
for (i=1; iname[i] < 'A' || desc->name[i] > 'Z') {
fprintf (stderr,
"Invalid prosign %s (only capital letters are allowed)\n",
desc->name);
exit(1);
}
if (p->deeper == 0) {
p->deeper = (prosignNode *) malloc (26 * sizeof (prosignNode));
if (p->deeper == 0) {
fprintf (stderr, "Memory exhausted (prosignNode)\n");
exit(1);
}
prosInit (p->deeper);
}
p = p->deeper + (desc->name[i] - 'A');
}
p->desc = desc;
```

```
}

void finish P((int xCode));
#ifdef __SUNPRO_CC
void finishH P((int sig, ...)) {finish (0);}
void nothing P((int sig, ...)) {}
#else
void finishH P((int sig)) {finish (0);}
void nothing P((int sig)) {}
#endif

void finish P((int));
void usage P((void));
void shareware P((void));
void readChars P((void));

void sendChar P((struct timeval *t, charDesc *desc));
int sendBip P((struct timeval *refTime, int bipTime, int toleranceTime));
void advance P((struct timeval *refTime, int spaceTime));

void printBlurb P((FILE *f, char **t));

int argc; char **argv;

#ifndef OLDCC
charDesc *charAndProsDecode (char c, int *again, int *pending)
#else
charDesc *charAndProsDecode (c, again, pending)
char c;
int *again;
int *pending;
#endif
{
static prosignNode *n = 0;
static char accumCapitals[80];
static int numAccumCapitals=0;

charDesc *d; /* The value to be returned */

if (c < 'A' || c > 'Z') {
if (n) {
if (n->desc) {
d = n->desc;
n=0; numAccumCapitals=0;
*again = (c != ' ');
} else {
/* The preceding string of capitals is not a prosign */
int i;
d = charTable + (accumCapitals[0] + 'a' - 'A');
*again = 1;
for (i=0; ideeper) {
n = n->deeper + (c-'A');
d = 0; *again = 0;
```

```
accumCapitals[numAccumCapitals] = c;
numAccumCapitals++;
} else {
/* The capitals read so far do not form a prosign or the
beginning of a prosign */
int i;
d = charTable + (accumCapitals[0] + 'a' - 'A');
*again = 1;
for (i=0; i= 2) {
printf ( "[<= %s %p %d] ", (d ? d->name : "(none)"), d,
*again);
fflush(stdout);
}
if (pending)
*pending = n ? 1 : 0;
return d;
}

#define wordlistNum 7000
typedef struct _wordlist {
char *car[wordlistNum];
struct _wordlist *cdr;
} wordlist;

wordlist *words = 0;
int wordNum=0;

#ifndef OLDCC
char *wordSelect(int n)
#else
char *wordSelect(n)
int n;
#endif
{
wordlist *w = words;
while (n >= wordlistNum) {
n -= wordlistNum;
w = w->cdr;
}
return w->car[n];
}

char *wordSelectRandom P((void))
{
return wordSelect (((unsigned)random()>>3) % wordNum);
}

/* Builds a wordlist and deposits it in words; sets wordNum accodringly */

#ifndef OLDCC
void buildWordlist (FILE *wf)
#else
```

```
void buildWordlist (wf)
FILE *wf;
#endif
{
char inProgress[256];
char *IinProgress = inProgress;
int again=0, pending=0, tmp, recoded;
charDesc *cd;
wordlist **curWordlist = &words;
int curNum = wordNum;
while (curNum >= wordlistNum) {
curNum -= wordlistNum;
curWordlist = &(*curWordlist)->cdr;
}
for (;;) {
if (again == 0) {
tmp = getc(wf);
if (tmp == EOF) {
if (errno) {
perror ("getchar");
finish(0);
}
if (pending) {
tmp=' ';
}
}
}
if (tmp != EOF) {
cd = charAndProsDecode (tmp, &again, &pending);
if (cd == 0)
continue;
recoded = cd->thisChar; /* previously long time */
}
if (tmp == EOF || recoded == ' ' || recoded == '\t'
|| recoded == '\n' || recoded == '\r') {
/* Terminaste the word */
char *thisWord;
if (IinProgress > inProgress) {
/* Something is in progress */
*IinProgress++ = 0;
thisWord = fastAlloc (IinProgress - inProgress + 2);
/*if (thisWord == 0) {
fprintf (stderr, "Memory exhausted (word)\n");
exit(1);
}*/
strcpy (thisWord, inProgress);
IinProgress = inProgress;
if (*curWordlist == 0) {
curNum = 0;
*curWordlist = (wordlist *) malloc (sizeof(wordlist));
```

```
if (*curWordlist == 0) {
fprintf (stderr, "Memory exhausted (wordlist)\n");
exit(1);
}
(*curWordlist)->cdr = 0;
}
(*curWordlist)->car[curNum] = thisWord;
curNum++; wordNum++;
if (curNum == wordlistNum) {
curNum = 0;
curWordlist = &(*curWordlist)->cdr;
}
}
if (tmp == EOF) {
int e = fclose (wf);
if (e == EOF) {
perror ("fclose");
exit(1);
}
return;
}
} else {
*IinProgress++ = recoded;
}
}
}

int optionInt P((void))
{
char *tmp;
int res = (int)strtol (*argv, &tmp, 0);
if (tmp == *argv) {
fprintf (stderr,
"Malformed integer: %s\n", *argv);
usage();
exit(1);
}
return res;
}

#ifndef __SUNPRO_CC
double strtod P((const char *str, char **ptr));

/* the Sun C compiler interprets this file as C++, and the declaration
above causes it to consider strtod as a C++-mangled function; on the
other hand, Sun CC's include files declare strtod. */
#endif

double optionDouble P((void))
{
char *tmp;
```

```
double res = strtod (*argv, &tmp);
if (tmp == *argv) {
fprintf (stderr,
"Malformed float: %s\n", *argv);
usage();
exit(1);
}
return res;
}

double optionDoubleN0 P((void))
{
double tmp = optionDouble();
if (tmp == 0) {
fprintf (stderr, "Illegal zero argument\n");
exit(1);
}
return tmp;
}

char *optionString P((void))
{
return *argv;
}

static long rndState[512];

#ifndef OLDCC
char *augmentCharset (char *prev, char *extras)
#else
char *augmentCharset (prev, extras)
char *prev;
char *extras;
#endif
{
int prevlen = strlen(prev);
char *res = malloc (prevlen + strlen(extras) + 3);
char *p = res + prevlen;
int again=0;
int pending=0;

if (res == 0) {
fprintf (stderr, "Memory exhausted (charset)\n");
exit (1);
}

strcpy (res, prev);

/* fprintf (stderr, "Extras len %p\n", strlen(extras)); */
while (pending || *extras || again) {
charDesc *cd = charAndProsDecode (*extras, &again, &pending);
/* fprintf (stderr, "Get Extra %c %d %p %d %d; ",
```

```
*extras, *extras, extras, again, pending); */
if (again==0 && *extras)
extras++;

if (cd && cd->thisChar != ' ') {
*p++ = cd->thisChar;
/*fprintf (stderr, "set %c %d %p\n", *(p-1), *(p-1), p-1); */
}
}
*p=0;
return res;
}

#ifndef OLDCC
char *setCharset (char *extras)
#else
char *setCharset (extras)
char *extras;
#endif
{
return augmentCharset ("", extras);
}

void parseOptions P((void))
{
while (argc) {
char option;
if (**argv == '-')
(*argv)++;
option = **argv;
if (option != 'h' && option != 'H' && option != 'v' && option != 'q'
&& argv[0][1] == 0) {
argv++; argc--;
if (argc<=0) {
fprintf (stderr, "Missing argument for option %c\n", option);
usage();
}
} else
(*argv)++;

switch (option) {
case 'v':
verbosity++;
break;
case 'q':
verbosity--;
break;
case 'd':
if (**argv == 'w') {
if (argv[0][1] == 0) {
argv++; argc--;
```

```
if (argc<=0) {
fprintf (stderr, "Missing argument for option dw\n");
usage();
}
} else
(*argv)++;
dotdurW = optionDoubleN0();
dotdurWSet=1; dotdurSet=0;
} else {
dotdur = optionInt ();
dotdurSet=1; dotdurWSet=0;
}
break;
case 'j':
jitter = optionDouble();
jitterSet=1;
break;
case 'c':
if (**argv == 'w') {
if (argv[0][1] == 0) {
argv++; argc--;
if (argc<=0) {
fprintf (stderr, "Missing argument for option cw\n");
usage();
}
} else
(*argv)++;
charSpaceW = optionDoubleN0();
charSpaceWSet=1; charSpaceSet=0;
} else {
charSpace = optionInt ();
charSpaceSet=1;
}
break;
case 'p':
pitch = optionInt ();
pitchSet=1;
break;
case 'P':
percent = optionInt ();
percentSet=1;
break;
case 'w':
if (**argv == 'w') {
if (argv[0][1] == 0) {
argv++; argc--;
if (argc<=0) {
fprintf (stderr, "Missing argument for option ww\n");
usage();
}
```

```
} else
(*argv)++;
wordSpaceW = optionDoubleN0();
wordSpaceWSet=1; wordSpaceSet=0;
} else {
wordSpace = optionInt ();
wordSpaceSet=1;
}
break;
case 'g':
groupMin = optionInt ();
groupMinSet=1;
break;
case 'G':
groupMax = optionInt ();
groupMaxSet=1;
break;
case 'X':
expectedDelay = optionInt ();
break;
case 'n':
totalChars = optionInt ();
totalCharsSet=1;
break;
case 'F':
case 'f':
filename = optionString ();
filenameSet=1;
break;
case 'W':
Wfilename = optionString ();
WfilenameSet=1;
break;
case 's':
{
char *input = optionString ();
switch (input[0]) {
case 'f':
charset = setCharset (charsetFrance);
break;
case 'u':
charset = setCharset (charsetUSA);
break;
case '+':
if (charset == 0)
charset = setCharset (charsetFrance);
charset = augmentCharset (charset, input+1);
break;
case '=':
charset = setCharset (input+1);
```

```
break;
default:
fprintf (stderr,
"Wrong option %c%c; %cu %cf %c= %c+ are valid\n",
option, *input, option, option, option, option);
exit(1);
}
} break;
case 'h':
case '?':
printBlurb(stdout, sharewareText);
exit(0);
case 'H':
printBlurb(stdout, usageText);
exit(0);
default:
fprintf (stderr, "Unknown option: %c\n", option);
usage();
exit(1);
}
argc--; argv++;
}
if (filenameSet && WfilenameSet) {
fprintf (stderr, "Options W and f are exclusive of each other\n");
exit(1);
}
}

#ifndef OLDCC
FILE *myOpen (const char *nm)
#else
FILE *myOpen (nm)
char *nm;
#endif
{
if (nm[0] == '-' && nm[1] == 0) {
return stdin;
} else {
FILE *tmp = fopen (nm, "r");
if (tmp == NULL) {
perror ("fopen");
exit(1);
}
return tmp;
}

}

int charsCounted=0;
double blanksPerChar=0; /* avg # of blanks per char, eg. 0.2 for
5-character groups */
```

```
int totalTime=0; /* total time of all characters, in dots */

double avgCharTime=0; /* avg time of a char in dots, including a fractrion of
blank time */
void computeSpeedInfo P((void))
{
charsCounted=0;
totalTime=0;
if (WfilenameSet) {
int remains;
wordlist *curWords = words;
int i;
char *s;
for (remains = wordNum, i=0; remains; remains--, i++) {
if (i==wordlistNum) {
i=0;
curWords = curWords->cdr;
}
for (s = curWords->car[i]; *s; s++) {
charsCounted++;
totalTime += charTable[*s].time;
}
}
blanksPerChar = (double)wordNum/charsCounted;
} else if (filenameSet) {
charsCounted = 2;
totalTime = 18;
blanksPerChar = .2;
} else {
char *s;
for (s=charset; *s; s++) {
totalTime += charTable[(unsigned char)*s].time;
charsCounted++;
}
blanksPerChar = 2.0/(groupMin+groupMax);
}
avgCharTime = (double)totalTime/charsCounted + 3.0*blanksPerChar;
if (verbosity > 0) {
printf ("Average time per character: %f dots (%d/%d + 3*%f)\n",
avgCharTime, totalTime, charsCounted, blanksPerChar);
}
}

#ifndef OLDCC
int main(int __argc, char **__argv)
#else
main (__argc, __argv)
int __argc; char **__argv;
#endif
{
int e;
```

```
struct timeval refTime;
unsigned seed;
int numChars;
int firstInLine=0;
int tmp;
int again=0;
int pending=0;

readChars();

argc = __argc-1; argv=__argv+1;
parseOptions();

if (groupMaxSet == 0)
groupMax = groupMin;
if (charset == 0)
charset = setCharset (charsetFrance);
numChars = strlen(charset);
if (numChars == 0) {
fprintf (stderr, "Error: empty charset\n");
exit(1);
}

if (filenameSet) {
f = myOpen(filename);
}
if (WfilenameSet) {
buildWordlist(myOpen(Wfilename));
}

if (dotdurWSet || charSpaceWSet || wordSpaceWSet)
computeSpeedInfo ();

if (dotdurWSet) {
dotdur = 12000.0/(avgCharTime*dotdurW);
dotdurSet=1;
}

if (charSpaceWSet) {
charSpace = (12000/charSpaceW
- ((double)totalTime/charsCounted-3)*dotdur)
/ (1+blanksPerChar);
if (charSpace < 0) {
fprintf
(stderr,
"Error: you requested a negative inter-character space\n");
exit(1);
}
charSpaceSet=1;
}
if (charSpaceSet == 0)
charSpace = 3*dotdur;
```

```
if (wordSpaceWSet) {
wordSpace = (12000/wordSpaceW
- ((double)totalTime/charsCounted-3)*dotdur + charSpace)
/ blanksPerChar;
if (wordSpace < 0) {
fprintf
(stderr,
"Error: you requested a negative inter-word space\n");
exit(1);
}
wordSpaceSet=1;
}
if (wordSpaceSet == 0)
wordSpace = 2*charSpace;

if (verbosity > 0) {
printf ("Duration: dot %d, betw.-char %d, betw.-word %d\n",
dotdur, charSpace, wordSpace);
}

if (jitterSet == 0)
jitter = 0;
#ifndef NOX
dispName = getenv("DISPLAY");
#ifndef linux
if (dispName==0) {
fprintf (stderr, "DISPLAY undefined\n");
exit(1);
}
#endif
if (dispName) {
if (pitchSet)
bellMask |= KBBellPitch;
if (percentSet)
bellMask |= KBBellPercent;
d = XOpenDisplay(dispName);
if (d == 0) {
fprintf (stderr, "Cannot open display %s\n", dispName);
exit(1);
}
XGetKeyboardControl(d, &ks);
prevdur = ks.bell_duration;
prevpitch = ks.bell_pitch;
prevpercent = ks.bell_percent;
kc.bell_pitch = pitch;
kc.bell_percent = percent;
XChangeKeyboardControl(d, bellMask, &kc);
} else {
#endif
#ifdef linux
console = open("/dev/console", O_WRONLY);
if (console < 0) {
```

```
perror ("opening console");
exit(1);
}
#endif
#ifndef NOX
}
#endif
e = gettimeofday(&startTime, 0);
if (e == -1)
perror ("gettimeofday");
errno=0;
signal (SIGINT, finishH);
if (errno)
perror ("signal");
errno=0;
signal (SIGTERM, finishH);
if (errno)
perror ("signal");
errno=0;
signal (SIGHUP, finishH);
if (errno)
perror ("signal");
errno=0;
signal (SIGALRM, nothing);
if (errno)
perror ("signal (SIGALRM)");
e = gettimeofday (&refTime, 0);
if (e == -1)
perror ("gettimeofday");
seed = refTime.tv_sec+refTime.tv_usec;
initstate (seed, (char *)rndState, 512);

advance (&refTime, dotdur);
nextGroupEnd = filenameSet ? -1
: groupMin + ((unsigned)random()>>3) % (groupMax-groupMin+1);

tmp = ' ';
for (;;) {
static int nlInARow=0;
static spInARow=0;
charDesc *toSend;
char toSendChar;
if (WfilenameSet) {
static char *curChar = 0;
if (curChar==0) {
curChar = wordSelectRandom();
}
toSend = charTable + (unsigned char) *curChar++;
if (toSend == charTable) {
toSend = charTable + ' ';
curChar = 0;
```

```
}
} else if (filenameSet) {
if (again == 0 && tmp != EOF) {
tmp = getc(f);
if (verbosity >= 2)
printf (" [[%d]] ", tmp);
if (tmp == 4) {
/* In cbreak mode, a ^D appears as \004, not as EOF */
tmp = EOF;
}
if (tmp == EOF) {
if (errno) {
perror ("getchar");
finish(0);
} else if (pending) {
tmp = 0;
} else {
finish(0);
}
}
if (tmp == '\n') {
nlInARow++;
} else {
if (tmp != ' ' && tmp != '\t')
nlInARow=0;
}
}
toSend = charAndProsDecode (tmp, &again, &pending);
if (toSend == 0)
continue;
} else {
if (charsDone == nextGroupEnd) {
nextGroupEnd += groupMin + ((unsigned)random()>>3) % (groupMax-groupMin+1);
toSend = charTable + ' ';
} else {
unsigned c = (unsigned)random()>>3;
c %= numChars;
toSend = charTable + (unsigned char)charset[c];
}
}
/* Send space for space or unknown char or first newline,
but never send several spaces in a row
*/
toSendChar = toSend->thisChar;
if (toSendChar == ' ' || (toSendChar == '\n' && nlInARow == 1)
|| toSend->name[0] == 0) {
if (verbosity >= 0)
putc (toSendChar, stdout);
if (toSendChar == ' ') {
if (verbosity >= 0) {
```

```
if (charsDone-firstInLine >= 30 & !filenameSet) {
firstInLine = charsDone;
putchar('\n');
}
}
}
if (blankDone == 0) {
if (verbosity >= 0)
fflush (stdout);
advance (&refTime, wordSpace-charSpace);
}
blankDone=1;
} else {
sendChar(&refTime, toSend);
blankDone=0;
spInARow=0;
if (verbosity >= 0)
fputs (toSend->name, stdout);
if (totalChars >= 0 && charsDone >= totalChars)
finish(0);
advance (&refTime, charSpace);
}
}
finish(0);
return 0; /* To satisfy ATT compiler */
}

#ifndef OLDCC
void sendChar (struct timeval *t, charDesc *desc)
#else
void sendChar (t, desc)
struct timeval *t; charDesc *desc;
#endif
{
unsigned elts = desc->elts;
int length = desc->length;
int i;
for (i=0; i>3)%(8*jitterHere+4))/4;
}
#ifndef NOX
if (d) {
kc.bell_duration = bipTime;
XChangeKeyboardControl(d, KBBellDuration, &kc);
XFlush(d);
XBell (d, 0);
}
#endif
errno=0;
signal (SIGALRM, nothing);
if (errno)
```

```
perror ("signal (SIGALRM)");

e = gettimeofday(&tvtmp, 0);
if (e == -1) {
perror ("gettimeofday");
finish (1);
}
iti.it_value.tv_usec = 1000000 + refTime->tv_usec - tvtmp.tv_usec;
iti.it_value.tv_sec = refTime->tv_sec - tvtmp.tv_sec
+ (iti.it_value.tv_usec / 1000000) - 1;
iti.it_value.tv_usec %= 1000000;
if ((double)iti.it_value.tv_sec*1000000 + (double)iti.it_value.tv_usec
> 0) {
/*
fprintf (stderr, "tvtmp %x, %x; refTime %x, %x; iti %x, %x\n",
tvtmp.tv_sec, tvtmp.tv_usec, refTime->tv_sec, refTime->tv_usec,
iti.it_value.tv_sec, iti.it_value.tv_usec);
*/

e = setitimer (ITIMER_REAL, &iti, 0);
if (e == -1) {
perror ("setitimer");
finish(1);
} else {
sigpause(0);
}
} else {
*refTime = tvtmp;
}
#ifndef NOX
if (d) {
XFlush(d);
} else {
#endif
#ifdef linux
e = ioctl(console, KDMKTONE,
(bipTime << 16) | ((1193180 / pitch) & 0xffff));
if (e < 0) {
perror ("ioctl KDMKTONE");
exit(1);
}
#endif
#ifndef NOX
}
#endif
e = gettimeofday(&tvtmp2, 0);
if (e == -1) {
perror ("gettimeofday");
finish(1);
}
tvdiff= 1000000*(tvtmp2.tv_sec-refTime->tv_sec)
```

```
+ tvtmp2.tv_usec - refTime->tv_usec;
if (tvdiff > expectedDelay) {
refTime->tv_usec += ((tvdiff-expectedDelay)*3)/4;
}
refTime->tv_usec += 1000*bipTime;
refTime->tv_sec += refTime->tv_usec / 1000000;
refTime->tv_usec %= 1000000;
return 0;
}

/*
* Advance refTime by spaceTime milliseconds
*/

#ifndef OLDCC
void advance (struct timeval *refTime, int spaceTime)
#else
void advance (refTime, spaceTime)
struct timeval *refTime; int spaceTime;
#endif
{
if (jitter) {
int jitterHere = jitter * spaceTime;
spaceTime += - jitterHere + (((unsigned)random()>>3)%(8*jitterHere+4))/4;
}
refTime->tv_usec += spaceTime*1000;
refTime->tv_sec += refTime->tv_usec / 1000000;
refTime->tv_usec %= 1000000;
}

#ifndef OLDCC
void finish (int xCode)
#else
void finish (xCode)
int xCode;
#endif
{
int e;
#ifndef NOX
if (d) {
kc.bell_duration = prevdur;
kc.bell_pitch = prevpitch;
kc.bell_percent = prevpercent;
XChangeKeyboardControl(d, bellMask | KBBellDuration, &kc);
XFlush(d);
}
#endif
if (xCode==0) {
struct timeval endTime;
double t;
e = gettimeofday (&endTime, 0);
```

```
if (e == -1)
perror ("gettimeofday");
t = endTime.tv_sec-startTime.tv_sec
+ 1E-6*(endTime.tv_usec-startTime.tv_usec);
if (verbosity >= 0)
printf ("\n%d characters in %.2f seconds (%.2f WPM)\n",
charsDone, t, (charsDone/t)*12);
}
exit(xCode);
}

/*
* Read the table describing Morse code
*/

void readChars P((void))
{
char nmBuf[50], didahBuf[50];
int e, i;
char **code;
prosInit (pros);
if (verbosity >= 3) {
listPros (pros, 0);
printf ("==================\n");
}
for (i=0; i<256; i++) {
charTable[i].thisChar = i;
}
for (code = morseCode; *code; code++) {
/* printf ("%s\n", *code); */
charDesc *ourDesc = charTable + (unsigned char)**code;
e = sscanf ((*code)+1, " %[^ ] %[.-]", nmBuf, didahBuf);
if (e != 2) {
perror ("sscanf Morse code table");
exit(1);
}
strncpy (ourDesc->name, nmBuf, sizeof(ourDesc->name)-1);
ourDesc->length = strlen(didahBuf);
ourDesc->time = 2*ourDesc->length+2;
for (i=0; ilength; i++) {
if (didahBuf[i] == '-') {
ourDesc->elts |= 1<time += 2;
}
}
if (strlen (ourDesc->name) > 1) {
registerPros(ourDesc);
if (verbosity >= 3) {
listPros (pros, 0);
printf ("==================\n");
}
}
```

```
}
if (errno) {
perror ("reading Morse.tab");
exit(1);
}
}

void usage P((void))
{
printBlurb(stderr, usageText);
}

#ifndef OLDCC
void printBlurb(FILE *f, char *t[])
#else
void printBlurb(f, t)
FILE *f; char *t[];
#endif
{
for(; *t; t++) {
fputs (*t, f);
putc ('\n', f);
}
}

/*
* Each element in morseCode contains three blank-separated subelements:
* an ASCII character, the name and the Morse encoding.

* Whenever you want to input something to bip, in an input file or on
* command line, you may use either the ASCII char or the name. Names must
* be capitalized. The name is used whenever bip outputs something,
* eg. for bip to send digits, ASs and SKs, we recommend
* bip -s="0123456789AS SK"
*
* morseCode must end with a null pointer (watch for this if you modify it).
*/

char *morseCode[] = {
"a a .-",
"b b -...",
"c c -.-.",
"d d -..",
"e e .",
"f f ..-.",
"g g --.",
"h h ....",
"i i ..",
"j j .---",
"k k -.-",
"l l .-..",
"m m --",
```

```
"n n -.",
"o o ---",
"p p .--.",
"q q --.-",
"r r .-.",
"s s ...",
"t t -",
"u u ..-",
"v v ...-",
"w w .--",
"x x -..-",
"y y -.--",
"z z --..",
"1 1 .----",
"2 2 ..---",
"3 3 ...--",
"4 4 ....-",
"5 5 .....",
"6 6 -....",
"7 7 --...",
"8 8 ---..",
"9 9 ----.",
"0 0 -----",
". . .-.-.-",
", , --..--",
"? ? ..--..",
"\030 HH ........",
"- - -....-",
"= = -...-",
": : ---...",
"; ; -.-.-.",
"( ( -.--.",
") ) -.--.-",
"/ / -..-.",
"\" \" .-..-.",
"$ $ ...-..-",
"' ' .----.",
"\n AL .-.-..",
" AL .-.-..",
"_ _ ..--.-",
"\002 KA -.-.-",
"\023 AS .-...",
"+ + .-.-.",
"! SK ...-.-",
"\006 SN ...-.",
"\005 INT ..-.-",
"\021 HM ....--",
"\022 IX ..-..-",
"\001 TTTTT -----",
"\024 SOS ...---...",
```

```
"\026 DDD -..-..-..",

/* The following part of the encoding is only useful if you want to
sent French accented characters as their non-accented counterparts.
It is commented out by default because it is often incorrectly
transmitted by E-mail (the 8th bit is stripped by many
systems). Uncomment it if you desire.
*/

/* "ï¿½ a .-",
"ï¿½ a .-",
"ï¿½ c -.-.",
"ï¿½ e .",
"ï¿½ e .",
"ï¿½ e .",
"ï¿½ i ..",
"ï¿½ o ---",
"ï¿½ u ..-", */
0
};

/*
* $Log: bip.c,v $
* Revision 1.10 1996/03/31 23:25:24 skubi
* *** empty log message ***
*
* Revision 1.9 1996/03/30 17:21:27 skubi
* *** empty log message ***
*
* Revision 1.7 1996/03/10 20:07:09 skubi
* *** empty log message ***
*
* Revision 1.6 1996/03/10 18:37:24 skubi
* *** empty log message ***
*
* Revision 1.5 1996/03/10 16:04:30 skubi
* *** empty log message ***
*
* Revision 1.4 1996/03/03 10:04:13 skubi
* *** empty log message ***
*
*/
```

3230. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: nick@cs.unc.edu
Message-ID: <51mbd1$7mp@altair.cs.unc.edu>
Source record: 216664

In article <51kqn0$kmt@news.ais.net>, <carl@ais.net> wrote:
>In <51k6j7$1ai@altair.cs.unc.edu>, nick@cs.unc.edu (Nick England) writes:
>>Let me ask a question to the folks proposing better theory testing as a
>>substitute for code testing :
>>
>>Do you really believe there could ever be a serious technical test which
>>would limit access to the HF bands ? Politically speaking, I mean. I'll
>>grant you that it is possible to write and administer a meaningful
>>technical test.
>>
>
>Why is the primary focus on testing ALWAYS as a means to "limit access
>to the HF bands" ???
>
>We need more people, not less ... but yes, they should be qualified to
>safely operate radios without hurting themselves or others, and without
>causing harmful interference to other services ... that's all.
>
>That's why a reasonable technical test is needed ... a CW test is NOT.
>
>Carl - wa6vse

OK, I now understand that Carl is NOT someone proposing better technical
testing in lieu of a CW test - he essentially believes an appliance
operator's license is the way to go. That way his technical buddies
won't have to learn that nasty old CW and his non-technical buddies won't
have to learn CW *or* that nasty old radio technology.

Well, I can't believe adding Carl's good buddies to the bands will
do much to improve ham radio, so how about hearing from someone who
seriously proposes tougher technical testing for advanced privileges?

I'd be glad to see lots more people on the air - lots more technically
qualified people. And I think there are a batch of idiots already
on HF who should be re-tested too.

Why the emphasis on limiting HF access, then ? Not to keep
people out, but to serve as a carrot (incentive) to people to learn
more about ham radio operation and ham radio technology. HF access is
clearly such an incentive, otherwise there wouldn't be so many folks
clamoring to be given a license.

73 to all,
Nick KD4CPL
--

Nick England KD4CPL nick@cs.unc.edu Univ. Of North Carolina
http://www.cs.unc.edu/~nick Chapel Hill NC

3231. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: Rick Perry <kg7a@wolfenet.com>
Message-ID: <323F34FF.41B4@wolfenet.com>
Source record: 216665

carl@ais.net wrote:
>
> In <JJO.96Sep16161109@ds10.tekla.fi>, jjo@tekla.fi (Jari Jokiniemi) writes:
> >
> >
> >I also do think that if radio amateurs had to take a test every
> >few years in order to be allowed to operate the radios, then pretty many of us
> >would have very different opinions about the cw requirement than now.
> >
>
> Jari,
>
> I agree ... I really would love to find out how many of the "keep the
> code" folks ... many of whom long ago retired the key in favor of the
> mike ... would lose their privleges if they were suddenly called in for
> retesting ...
>
> Carl - wa6vse
> carl@ais.net
Clearly you haven't listened to the CW portion of 40 or 20. It's as
full as the phone band. I don't think you would have as many complaints
as you think on retaking the CW portion every 5 years of so to keep your
license at it's current status. Many would welcome the opportunity.
Once you've got the code down it's with you forever. A little brush-up
for some, and no problem.

3232. Re: Liste des relais 2m en France??

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: Bill Parrish <bparrish@hprpcd.rose.hp.com>
Message-ID: <323EEDEF.7A67@hprpcd.rose.hp.com>
Source record: 216666

rmoret@bitmailer.net wrote:
>
> Quelqu'un pourrait-il me faire parvenir la liste des relais (repeteurs)
> en France ? Merci de me laisser un mail a rmoret@bitmailer.net.

l'anee dernier, j'ai recu une liste des repeteurs de l'ARRL avec les
documents pour les ??permits etrangers?? (permits for foreigners
operating in France). Donnez un coup de telephone a Newington (si vous
et en les EU). (sorry if I murderized the language)

>
> 73's

3233. ARLB063 WA2LQQ, SK

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: w1aw@arrl.org
Message-ID: <$arlb063.1996@arrl.org>
Source record: 216667
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB QST @ ARL $ARLB063
ARLB063 WA2LQQ, SK

ZCZC AG43
QST de W1AW
ARRL Bulletin 63 ARLB063
From ARRL Headquarters
Newington CT September 17, 1996
To all radio amateurs

SB QST ARL ARLB063
ARLB063 WA2LQQ, SK

Former AMSAT-NA president and QST columnist and author Vern ''Rip''
Riportella, WA2LQQ, of Warwick, New York, died September 13, 1996,
of an apparent heart attack. He was 52. A former US Air Force
officer, Riportella was the third president of AMSAT-NA and served
from 1984 until 1987, and he's credited with being a prime mover
behind OSCARs 10 and 13. ''Rip'' served for a time as QST's Amateur
Satellite Communications column editor and wrote several articles
for QST on satellites. He also founded the AMSAT Satellite Report
(now the OSCAR Satellite Report).

In more recent years, he was involved in the installation and
upgrading of packet radio equipment aboard the Russian space
station, Mir. Services will be private. His wife, Ellen, survives.
Condolences may be sent in care of the Strong-Basile Memorial
Chapel, 75 Main St, Warwick, NY 10990 or to the family's mailing
address, Box 177, Warwick, NY 10990.
NNNN
/EX

3234. test

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: emtp4355@aol.com
Message-ID: <51ngtu$sh7@newsbf02.news.aol.com>
Source record: 216668

test
Joseph K. Murphy, EMT-P
KF4KEK
emtp4355@aol.com

It's a free country (USA) and I have my own ideas on every thing whether
you agree or not

3235. Re: Anyone know where to download list of available call signs?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: T E I X E I R A <teixeira@ccnet.com>
Message-ID: <51l5lp$lkl@ccnet2.ccnet.com>
Source record: 216669

ftp://ftp.ultranet.com/pub0/b/bob/public_html/Qrz

This site has 1X2. I don't know about 1X3. You can make a list and check it on a call server. I have been told by a ARRL official you can also request future calls like KZ6ZZZ.

Don AC6TG

3236. Re: HTX202

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: mulveyr@ll.aa2ys.ampr.org
Message-ID: <slrn53u8ao.bd.mulveyr@ll.aa2ys.ampr.org>
Source record: 216670

On Tue, 17 Sep 1996 13:02:21 -0400, J.Larry Taylor <va3wjr@netrover.com> wrote:
>Mods needed for the Realistic HTX-202 to increase recieve frequencies.
>Please e-mail
>va3wjr@netrover.com. Thanx. 73's

They don't exist. That's the whole point of the tight front-end of the radio, and why it doesn't experience intermod, like most of the Gameboy HT's sold these days.

- Rich

--
My mailer has the unfortunate tendency to bounce 10,000 copies of any
junk mail I receive back to the sender. Be warned.

3237. Re: 4-5 kw Generator Recommendations??

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: Lance Halle <lanceh@a.crl.com>
Message-ID: <323F4CF6.5721@a.crl.com>
Source record: 216671

Doyle Souders wrote:
> My question is which way to go? The
> local Home Depot sells 5KW Coleman generators for around $600 and it
> sells Honda 4 KW generators for around $800. I would like some reports

In my experience there is NO comparison between the two. Unless you really need 5kw, go with the Honda. They are quieter & more reliable. Our Explorer post has had one for years. Often it is "ridden hard and put away wet". It never fails to run, even with the carb half full of water and rust. The Coleman is a good unit, but it's like comparing a Model A and a Mercedes. Years from now the Honda will be well worth the extra $$$.

Lance KC7FVX

3238. IPS Daily Report - 17 September 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <51nb9n$hqe@flare.syd.ips.oz.au>
Source record: 216672
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 17/2330Z SEPTEMBER 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE AUSTRALIAN SPACE FORECAST CENTRE
SUMMARY FOR 17 SEPTEMBER AND FORECAST FOR 18 SEPTEMBER - 20 SEPTEMBER

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 69/3

GOES satellite data for 16 Sep
Daily Proton Fluence >1 MeV: 3.6E+06
Daily Proton Fluence >10 MeV: 1.8E+04
Daily Electron Fluence >2 MeV: 4.4E+08 (moderate)
X-ray background: A1.0
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
18 Sep 19 Sep 20 Sep
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 18 Sep: 68/2

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Quiet to unsettled

Estimated Indices : A K Observed A Index 16 Sep
Learmonth 9 3222 2232
Fredericksburg 10 18
Planetary 12 19

Observed Kp for 16 Sep: 3453 3422

2B. MAGNETIC FORECAST
Date Ap Conditions
18 Sep 15 Quiet to unsettled
19 Sep 15 Quiet to unsettled
20 Sep 15 Quiet to unsettled

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band

Date Low Middle High
17 Sep Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
18 Sep Normal Normal Normal
19 Sep Normal Normal Normal
20 Sep Normal Normal Normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
17 Sep -7

Observed Australian Regional MUFs:
Darwin: 15-30% depressed for the period 0400-1500UT,
otherwise near predicted monthly values.
Townsville: 15% depressed for the period 0500-1400UT,
otherwise near predicted monthly values.
Sydney: Near predicted monthly values, apart from 15%
depressed for the period 0800-1300UT.
Hobart: 15% depressed for the period 0100-1100UT,
otherwise near predicted monthly values.

Predicted Monthly T index for September: 9

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
18 Sep 0 near predicted monthly values
19 Sep 5 near predicted monthly values
20 Sep 5 near predicted monthly values

--
IPS Radio and Space Services | email: asfc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/asfc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
tel: +61 2 94148300 | fax: +61 2 94148331

3239. York, PA Hamfest ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: cps@access.digex.net
Message-ID: <cps-ya02308000170996181012000l@newsreader.digex.net>
Source record: 216673
Cross-posted to: rec.radio.amateur.misc,balt.general

When is the York, PA Hamfest this year? I never picked up a flyer at earlier hamfests this summer. I presume it's still sometime in the second half of September.

Thanks,

Chris N3JLY

--

|Check out my WWW page at http://www.access.digex.net/~cps/ for scientific |
|software for the Mac, Free Radio, Shortwave Radio, and Spy Numbers Stations |
|information. |
|Finger me (cps@access.digex.net) for my PGP Public Key |

3240. HT Battery

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: Bob <infosys4u@nfinity.com>
Message-ID: <323F63EF.C59@nfinity.com>
Source record: 216674

Hi.

I have a Heath HW2P HT and need a new battery pack. I would like to get
a new battery and I'd like to make an adapter so I can use a 12v power
suppy. I bought a perphex (sp) battery pack and I didn't last very long.
Any help is appreciated.
Tnx
Bob

3241. Re: William Sheets

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: Carl Black <cblack@capecod.net>
Message-ID: <323EC5D8.502F@capecod.net>
Source record: 216675

Team Orion wrote:
>
> In the boock "Power Supply and Battery Charger Circuit" by Rudolf F. Graf, edited by
> McGraw-Hill in 1992 I have seen many references to "WILLIAM SHEETS". Does sombody know
> where I can get copies of the mentionned "WILLIAM SHEETS" ?

Rudolph Graf & William Sheets have co-authored many books including
5 or maybe by now 6 large volumes called Electronic Encylopedia. They
are also engineers who design many circuits for hams and experimentors
including ATV, audio, RF etc. They sell kits for their circuits from
a company called North Country Radio, PO Box 53, Wykagyl Station, NY
10804, USA. You could probably contact Rudy Graf at this address or
via McGraw Hill whose address is in that book you have. I've built
several of their circuits. All have worked great.

Carl Black, W3KI

3242. Liste des relais 2m en France??

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: rmoret@bitmailer.net
Message-ID: <51lo6n$ov0@artemis.ibernet.es>
Source record: 216676

Quelqu'un pourrait-il me faire parvenir la liste des relais (repeteurs)
en France ? Merci de me laisser un mail a rmoret@bitmailer.net.

73's

3243. Receive by e-mail each day,the latest "rec.radio.swap" postings.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-1709962311300001@host27.cyberg8t.com>
Source record: 216677

Each day you can receive by e-mail all the latest rec.radio.swap postings, and the latest classified postings from the Raymond Sarrio Company's Classified page. Both classified pages post 100's of classified ads each day for used ham radio equipment.

Why should I receiver this serve?

There are 2 reasons why an e-mailed classified page is worth subscribing to....

First, we all check our e-mail regularly, but many of us only check into the classifieds sporadically. Over 100 new postings are placed each day on both classified services. If you miss one or two days of postings you can miss out on some great deals. Many internet service providers only keep 3-5 days of posting on-line. Great equipment deals, that you've been looking for, can easily pass you by without this e-mail option.

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Grand Opening Special

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How do I subscribe?

All major credit cards are accpted (visa, M/C, Discover, and Am. Exp.) Just call the Raymond Sarrio Company's 24 hour order line at 1-800-413-1129. You can fax orders to 909-484-5125. International orders can be placed by calling 909-413-1129.
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront and web site developer. Located at http://www.sarrio.com.

In association with Brillar Enterprises http://win-win.com/brillar provider of discount CD-Roms!

3244. Receive by e-mail each day,the latest "rec.radio.swap" postings.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-1709962312080001@host27.cyberg8t.com>
Source record: 216678

Each day you can receive by e-mail all the latest rec.radio.swap postings, and the latest classified postings from the Raymond Sarrio Company's Classified page. Both classified pages post 100's of classified ads each day for used ham radio equipment.

Why should I receiver this serve?

There are 2 reasons why an e-mailed classified page is worth subscribing to....

First, we all check our e-mail regularly, but many of us only check into the classifieds sporadically. Over 100 new postings are placed each day on both classified services. If you miss one or two days of postings you can miss out on some great deals. Many internet service providers only keep 3-5 days of posting on-line. Great equipment deals, that you've been looking for, can easily pass you by without this e-mail option.

The 2nd reason concerns all those who have to pay their internet service provider based on usage time. The major commercial on-line services (ie.Prodigy. AOL, and Compuserve) all charge by usage time. That time can quickly add up. However, when you receive the postings by e-mail you can read all the posts off-line saving you big bucks over the course of a year. You can search the classified posts quickly by searching by keywords through your e-mail's "FIND" command.

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--
The Raymond Sarrio Co. a full feature Ham Radio Storefront and web site developer. Located at http://www.sarrio.com.

In association with Brillar Enterprises http://win-win.com/brillar provider of discount CD-Roms!

3245. Re: ADMS-1C for Yaesu ft-50 and others

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: cRiTTa66@shadow.net
Message-ID: <323f2ac1.3411877@news.shadow.net>
Source record: 216679
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

true true..

i can understand YOUR view point and that other guys point (R.F.G)

BUT this is life

you dont HAVE to pay $40 $50 for stuff that is really CHEAP....

thats why i built a link cable for my TI-85 to my computer, cost me $1
at radio shack, they sell it for $40 or $50 !!!!!

you think pirated software makes prices go higher?
your WRONG
Software companies are riping us off charging us $100 for crapy
software.. its all business

anyways, 5 minuets wasted explainging
On 17 Sep 1996 11:52:31 GMT, bnr@universe.digex.net (bnr) wrote:

>Robert F. Good (bnb@mindspring.com) wrote:
>: cRiTTa66@shadow.net (cRiTTa66) wrote:
>:
>: >Can someone that has the software zip up the disk and e-mail or post
>: >it to me? Im going to atempt to make my own link from the computer to
>:
>: This software is not Freeware or Shareware, I paid for mine, I hope no
>: one gives you theirs. they are violating the copyright and their
>: software license if they do.
>
>And in my opinion, well worth the cost just for the support you receive.
>I had a problem and a quick call to RT Systems had my problem resolved. I
>looked at the phone bill and the call was so short the toll charges were
>under $1! If pirated software becomes a problem for them...who would
>expect this to continue? Not much in life is free, and you usually get
>what you pay for.
>
>Brian Raines N3XWJ || www.universe.digex.net/~bnr/3000.html
>bnr@universe.digex.net || The Uniden BC3000xlt
>

3246. Re: Heath HW8 mods

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: bertb@netjava.com
Message-ID: <51mk2c$qdl@news.sockets.net>
Source record: 216680
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.equipment

"Richard B. Joerger" <joerger@rd1.racal.com> wrote:

>I recall seeing a compendium of mods for this radio but can't find it.
>Can anyone point me in the right direction?

Hi Richard, here's some stuff that may help.

---------->8 Snip 8<-----------
From netcomsv!decwrl!spool.mu.edu!agate!uclink.berkeley.edu!michaeld
Tue Aug 3 17:57:07 PDT 1993
Article: 7788 of alt.radio.scanner
Path:
netcom.com!netcomsv!decwrl!spool.mu.edu!agate!uclink.berkeley.edu!michaeld
From: michaeld@uclink.berkeley.edu ((Mikey Likes It) S. Dahl)
Newsgroups: alt.radio.scanner
Subject: Ya Want Mods...Go get 'Em!
Date: 27 Jul 1993 01:14:58 GMT
Organization: University of California, Berkeley
Lines: 114
Distribution: world
Message-ID: <231vii$gnm@agate.berkeley.edu>
NNTP-Posting-Host: uclink.berkeley.edu

Article 40797 of rec.radio.amateur.misc:
Newsgroups: rec.radio.amateur.misc
Path:
agate!howland.reston.ans.net!darwin.sura.net!rsg1.er.usgs.gov!resdgs1.er..usgs..gov!tbodoh
From: tbodoh@resdgs1.er.usgs.gov (Tom Bodoh)
Subject: Re: FTP Archive for radio mods
Message-ID: <1993Jun3.182401.394@rsg1.er.usgs.gov>
Sender: news@rsg1.er.usgs.gov
Organization: U.S. Geological Survey, Reston VA
References: <davep-030693102559@nirvana.llnl.gov>
Distribution: usa
Date: Thu, 3 Jun 1993 18:24:01 GMT
Lines: 84

In article <davep-030693102559@nirvana.llnl.gov>, davep@llnl.gov (Dave
Parker) writes:
|> I'm trying to find an archive of Ham/Scanner mods via FTP. I used to get
|> them from kilroy.jpl.nasa.gov, but it does not seem to work now, and I
|> tried all the sites in the FAQ, with no luck finding mods. HELP!
|>
|> I just wanted to find any info for a DJ560 (Alinco) for a friend.
|>

|> Thanks in advance for any help.
|>
|> Dave
|>
|>
|> **
|> Dave Parker
|> davep@llnl.gov
|> KD6RRS
|> **

--
I got the following list off of one of the ham FTP servers;

ftp.cs.buffalo.edu 128.205.32.9
ucsd.edu 128.54.16.1 /hamradio
nic.funet.fi 128.214.6.100 /pub/ham
csseq.cs.tamu.edu 128.194.2.20 /ham-radio
suntan.tandem.com 130.252.10.8 /hamradio
col.hp.com 15.255.240.16 /packet
talos.cs.buffalo.edu 128.205.32.9 /pub/ham-radio
bubba.business.uwo.ca 129.100.22.42 /hamster/ham
/hamster/tcpip
/hamster/mods
/hamster/view
vax.cs.pitt.edu 130.49.2.1 /pub/arrl8
/pub/ka9q
/pub/ncpa
/pub/tnc2
brolga.cc.uq.oz.au 130.102.128.5 /pub/ka9q
tomcat.gsfc.nasa.gov 128.183.10.100 /public
helios.tn.cornell.edu 128.84.241.2 /pub
wuarchive.wustl.edu 128.252.135.4
/mirrors/msdos/hamradio
/mirrors/msdos/packet

/mirrors/msdos/ka9q-tcpip
/mirrors/cpm/hamradio
/mirrors/cpm/packet
/mirrors/misc/hamradio
/mirrors/misc/packet

/mirrors/misc/ka9q-tcpip
gatekeeper.dec.com 16.1.0.2 /pub/net/ka9q
sun.soe.clarkson.edu 128.153.12.3 /pub/ka9q
sics.se 192.16.123.90 /archive/packet
/pub/packet-incoming
sabrina.dei.unipd.it 147.162.2.106 /pub/hamradio
uhunix2.uhcc.Hawaii.Edu 128.171.44.7 /incoming/ham-radio
caticsuf.cati.csufresno.edu 129.8.100.15 /pub/ham-radio
ftp.waseda.ac.jp 133.9.1.32 /pub/toumon/ham-radio

garfield.catt.ncsu.edu 152.1.43.23 /pub/hamradio
plan9.njit.edu 128.235.1.10 /pub/hamradio
sunee.uwaterloo.ca 129.97.128.196 /pub/radio
grivel.une.edu.au 129.180.4.7 /pub/ham-radio
uxc.cso.uiuc.edu 128.174.5.50 /pub/ham-radio
iraun1.ira.uka.de 129.13.10.90 /pub/ham-radio
nic.switch.ch 130.59.1.40 /software/hamradio

/software/mac/ham-radio
iesd.auc.dk 130.225.48.4 /ham-radio
akutaktak.andrew.cmu.edu 128.2.35.1 /aw0g (softkiss-mac)
?????????? 129.69.162.1 /pub (login as ftp
pkt cluster,usa
callbook)
gandalf.umcs.maine.edu 130.111.112.21 /pub/ham-radio # ls -l
NO !)
rtfm.mit.edu 18.70.0.226
/pub/usenet/news.answers/radio
tamu.edu 128.194.15.32 /pc-sig
ftp.geo.brown.edu 128.148.116.19 /pub/hamradio

Also note that an excellent source is the QRL CD-ROM. I have one on
order
and it looks to be a superset of most of the FTP sites in addition to
a ham call database (with search engine), text from ham and other
radio
related newsgroups and a multitude of radio related stuff. Bye...

++
+ Tom Bodoh - Sr. systems software engineer +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605)
594-6830 +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66) +
+ "Welcome back my friends to the show that never ends!" EL&P
+
++
^^
Many thanks to Tom for posting this previously, I have used this list
to great
effect, and have looked-up mods for others posting requests here...but
I've
got other things to do, so folks, go hunt 'em down. For whatever
reason,
archie dosen't report many of these locations, so this list is a
necessity.

Now maybe we will see a reduction in redundant requests for mods?
If you don't know what this list is for, and you have a real (not just
UUCP
dial-up) internet connection ask someone who knows about "anonymous
ftp"

Even if you only have a dial-up, most listservs honor e-mail requests
for
files--if you know just where they are directorywise.

Ciao,
Michael Dahl
Again, thanks Tom!
--------->8 Snip 8<---------

73 Bert

Bert Burland aka N5TOA / From The Texas Panhandle
EMail-(rf-baker@juno.com) Fido-NetMail-(Sysop@1:3825/24)

3247. ARASNE Special Event Station

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <51nhrb$ti@anomaly.ideamation.com>
Source record: 216681

The Associated Radio Amateurs of Southern New England (ARASNE)
will operate a special event station on Saturday, September 21st
and Sunday, September 22nd, in comemmeration of the club's 70th
Anniversary this year.

Operating under the club's callsign, W1AQ, the special event station
will operate from 1300Z (9AM local time) Saturday until 2300Z (7PM
local time) on Sunday evening. Expected frequencies of operation
include 3.860, 7.225, 14.280, and 21.300.

QSL cards are available with SASE. For 8.5x11 color certificate,
include large sized manilla envelope with postage.

Open House

For amateurs in the local area, the ARASNE club-house will be open
to the public during the special event station operation. Local
amateurs are welcome to visit the clubhouse.

ARASNE
54 Kelly Avenue
East Providence, RI 02916

posted 17-Sept-96
KD1HZ, Vice-President
ARASNE

3248. Re: Learning/Improving CW Skills

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: Thomas Foster <tlfoster@ix.netcom.com>
Message-ID: <323F6C2E.7373@ix.netcom.com>
Source record: 216682

Dave Finley wrote:
>
> billn@PEAK.ORG (Bill Nelson) wrote:
>
> >Vince Roberts (vroberts@rpa.net) wrote:
> >: Don't waste your time and money on the Gordon West tapes. Get Code
> >: Quick for a little more than 20 bucks more. It works, or he'll give
> >: you your money back. Won't get that from Radio Shack
>
> >Is Code Quick that "sight/sound" system? If so, it is to be avoided
> >if a person plans on getting over about 9/10 wpm without a great
> >struggle.
>
> (snip)
>
> >Mnemonic devices, as well as all other such "crutches", cripple a
> >person when they want to increase their speed. In my opinion, it
> >is a disservice to the student to do so.
>
> Bill is absolutely correct that mnemonic devices are an impediment to
> developing true proficiency. However, tapes, too, should be avoided, as
> should slow code. Yes, no one should even think about learning code
> at 5 wpm if they EVER want full HF privileges.
>
> For details see the article at URL:
>
> http://hawk.nmt.edu/bateman/sara/finley.morse.html
>
> 73,
>
> Dave Finley, N1IRZ

Dave,

I presume that by "slow code" and "5 wpm" you mean 5 wpm at a CHARACTER
speed of 5 wpm. I see nothing wrong with learning 5 wpm code if the
character speed is, say, 13 wpm.

73,
Lindsay
WA4ISZ

3249. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: mjsilva@ix.netcom.com
Message-ID: <51muq3$k1b@sjx-ixn2.ix.netcom.com>
Source record: 216683
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <charles1DxuxI8.JrI@netcom.com> charles1@netcom.com (charles copeland) writes:

>>>Morse code is almost 150 years old ... SSB first came into use in the
>>>1950s or thereabouts ... how do you figure that "Given that one is,
>>>at best, only a few years younger than the other" ???
>>
>>The International Morse Code (BTW, there isn't just one "Morse Code")
>>was first used in wireless communications in the 1890s. SSB was
>>demonstrated in 1915, while AM was demonstrated in 1901.
>
>The telegraph was used long before 1890. CW has been around for how
>long? Samuel Morse died in 1872. My dictionary implies CW was invented
>in 1867. CW is 129 years old, if this info is correct.
>
When you switch from talking about Morse Code to CW are you just being imprecise? They're normally interchangeable, but not when talking historically. The first Morse-encoded Continuous Wave (nondamped) devices appeared around the end of the last century, and most of them (the arc transmitters) were actually FSK devices, since on key-up the carrier wasn't stopped, just shifted in frequency.

While it's true (and I didn't say otherwise) that the telegraph was used before 1890, so electrical voice transmission also occurred before 1915. It seemed to me we were talking about RF signalling, not electrical signaling in general. Otherwise, take 40 or so years off both dates, if you think it clarifies anything. Both 1874 and 1915 are a far cry from "the 1950s or thereabouts".

73,
Mike, KK6GM

3250. Re: Learning/Improving CW Skills

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: johngk@iglou.com
Message-ID: <Dy0DIF.7yM@iglou.com>
Source record: 216684

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>Don't use Code Quick unless you want to have to *relearn* Morse
>as you go for higher class licenses. It'll get you through 5 WPM,
>but you'll have to *unlearn* the mnemonics before you can get to
My experience is the oposite of Gary's. I used west tapes...found they
could only get me to around 7wpm. I got code quick and never hesitated
on my way to 25wpm in approximately 60 days

>in their captives. Conditioning the brain to be a 20 WPM Morse
>decoder is likely to take a similar amount of time. (Though
>it may take longer without the incentive of repeated beatings
>and constant fear of death.)
I always figured that learning engineering was best incentivized by
beatings etc. no experience with this as a code learning technique.
I'll have to defer to Gary on this one.

>Gary
>--
>Gary Coffman KE4ZV | You make it, | Due to provider problems
>Destructive Testing Systems | we break it. | with previous uucp addresses
My kids can do this for free!
>534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
>Lawrenceville, GA 30244 | |

3251. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <51l93n$fgh@news.Hawaii.Edu>
Source record: 216685
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Michael P. Deignan <kd1hz@anomaly.ideamation.com> wrote:
><carl@ais.net> wrote:

>>SSB is NOT dead ... just middle-aged ... CW, on the other hand is
>>positively fossilized ..

>Given that one is, at best, only a few years younger than the other,
>methinks that your statement is biased from your own inherent dislikes.

Actually Mike, SSB was in use on the transoceanic telephone lines as
early as 1915 (recall the thread from several months ago). CW didn't
get going until the early 20s.

Lots of things that we still use today are much older than CW such as
lightbulbs, telephones, automobiles, and airplanes.

Jeff KH2PZ

3252. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: carl@ais.net
Message-ID: <51kpsi$kmt@news.ais.net>
Source record: 216721
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In <1996Sep16.150510.26597@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>
>Hello? TCP and IP are level 4 and level 3 protocols respectively. You can
>*not* use them naked. You have to have a level 2 protocol under them.
>On ethernet it is the MAC layer, on VHF+ radio it is AX25, or something
>that serves the same purpose as AX25. AX25 has some warts, but you
>can avoid them if you just use its UI datagrams and forget the VC stuff.
>There's no real need to change this.
>

I was refering to the use of a suite of internet compatible protocols
and should have been more clear so as not to be taken too literally in
my incompleteness ... and yes, I agree that AX-25 "has some warts" as
you say ...
>
>You're railing against a non-problem. The TNC is an obsolete paradigm,
>but the link level protocol it implements is still needed. We just
>pull it back into the switch firmware instead. The beauty of TCP/IP
>is that it doesn't care what link level protocol it runs over. We
>can pass data over AX25, Netrom, Rose, etc. It doesn't care. Of
>course we care if the link level is efficient, so Netrom and Rose
>aren't very good choices, but plain old AX25 datagrams work just
>fine on VHF+.
>

We're in agreement for the most part ... I don't like aspects of the
AX25 datagrams, but yes, they do work ...

and I didn't mean to be/realize I was "railing" on this ...
Other things, yes, this, no ...

Carl - wa6vse
carl@ais.net

3253. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: jcraig@morgan.ucs.mun.ca
Message-ID: <51kq1l$crk@coranto.ucs.mun.ca>
Source record: 216722
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Gerald Schmitt (kc5egg@ix.netcom.com) wrote:
: In <51eper$ecs@abyss.West.Sun.COM> myers@West.Sun.COM (Dana Myers)
: writes:
: >
: >In article <51ek6h$6c4@news.ais.net>, <carl@ais.net> wrote:
: >>In <1996Sep12.133148.1@ttd.teradyne.com>, rice@ttd.teradyne.com (John
: Rice) writes:
: >>>In article <charles1DxLAJE.Hsn@netcom.com>, charles1@netcom.com
: (charles copeland) writes:
: >>>> In article <515bgo$rlh@lehi.kuentos.guam.net>,
: >>>> Jim Kehler <pacrimgolf@kuentos.guam.net> wrote:
: >>>>>
: >>>>>
: >>>>>I know you guys want a no code HF license. But I don't know
: exactly
: >>>>>what you expect to get when or if you get one. I have seen a lot
: of
: >>>>>'logic' from the Carl Clan supporting the 'plan', but I haven't
: seen
: >>>>>much about what 'the plan' is. That's why I am asking.
: >>>>
: >>>> Simply put, substitute much more stringent technical written
: >>>> tests for code test. Thats all.
: >>>
: >>>I'll buy that. Let's go back to the days where you had to draw
: >>>schematics and do 'real math'. No more 'memorize the test'. I'd go
: for
: > ^^^^^^^^^
: >>>that...
: >>>
: >>
: >>Me, too! NO PROBLEM!
: >
: >Actually, I think the tests should include complex math, too.
: >
: >--
: > * Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and
: should *
: > * (310) 348-6043 | not be interpreted or represented as
: *
: > * Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc.
: *
: >

: And what's the matter with; hole theory, relativistic momentum
: equations, or just a touch of quantum mechanics. Actually all of the
: above are useful in amateur radio but unlike CW you don't have to
: master them to enjoy the hobby.

: 73 Jerry

You do if you want to use MP-QSD (meson-photon quantum state decoupling).
That's the new mode that makes digital and spread spectrum obsolete.
The only problem is that it is useless on waves shorter than 10 metres.
... and the CW requirement is keeping all these theoretical physicists
who can contribute _so much_ to our hobby off HF. sob sob!

;->

:

--
73 Joe VO1NA

3254. Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: carl@ais.net
Message-ID: <51kq4n$kmt@news.ais.net>
Source record: 216723
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <Pine.SUN.3.91.960916153013.26335A-100000@clark.dgim.doc.ca>, Jim Cummings
<jcumming@crc.doc.ca> writes:
>
>Usually I do stay out of threads that only involve discussion of US regs
>i.e. the on going discussion with respect to the policy objectives of the
>amateur service. Those discussion have little to those of us outside of
>the US. If I do, however, make comment on US regulations, I usually
>preface the remark that I am reluctant to do so, but oftentimes, what is
>percieved as international requirement is only a US domestic issue. I
>fail to understand that making such point would be considered
>unacceptable internference.
>
>Sincerely
>Jim
>

Jim,

You're far to polite to your detractor(s) ... feel free to voice your
views ... US positions at WARCs affect the entire world ... whether
rightly so or not ... if the US delegation opposes removal of the CW
requirement from the treaty, it may well stand ... so speak your mind.

Carl - wa6vse
carl@ais.net

3255. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: carl@ais.net
Message-ID: <51kqv7$kmt@news.ais.net>
Source record: 216724

In <JJO.96Sep16161109@ds10.tekla.fi>, jjo@tekla.fi (Jari Jokiniemi) writes:
>
>
>I also do think that if radio amateurs had to take a test every
>few years in order to be allowed to operate the radios, then pretty many of us
>would have very different opinions about the cw requirement than now.
>

Jari,

I agree ... I really would love to find out how many of the "keep the
code" folks ... many of whom long ago retired the key in favor of the
mike ... would lose their privleges if they were suddenly called in for
retesting ...

Carl - wa6vse
carl@ais.net

3256. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: brian@nothing.ucsd.edu
Message-ID: <51ktv3$oqn@news1.ucsd.edu>
Source record: 216725
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <51hfct$pjm@news.ais.net> carl@ais.net writes:
>protocols and so forth .... the TCP/IP protocols are the defacto
>standard for interoperability and AX.25, ROSE, NETROM, and any other
>TNC-based kluges should be abandoned

Uh, waitaminit. IP has to be carried by SOMETHING from router to router,
or host to host. Casting it into the wind in raw form doesn't work real
well.

You want a reliable link protocol to carry IP; right now AX.25 does this
as well as anything else we have. Certainly there are BETTER ways to do
it and the rules shouldn't specify what, but don't confuse one level of
the protocol with another!

The advanced ham networking people have been seriously discussing using
PPP over connected-mode AX.25 as an entry-level protocol stack, and
there are a number of good reasons for doing so. For the casual ham
users, this isn't bad. At 9600 bps, it'd work acceptably well for
a lot of occasional dabblers in digital ham radio.

Nothing works well at 1200 bps and slower. Carrier pigeon would be faster.

The ham network, if it ever is to exist, will require something better
than 9600, of course.
- Brian

3257. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: andy@tiedye.com
Message-ID: <51ksjr$hg4@masters0.news.internex.net>
Source record: 216726
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <51egci$gn4@lehi.kuentos.guam.net>,
pacrimgolf@kuentos.guam.net (Jim Kehler) wrote:
>Contrary to popular belief, I got my extra class ticket for the reason
>that I needed it to operate in this part of the world due to the differences
>in band plans between the U.S. and other countries in Asia.

Now that's a problem with incentive licensing I had not been aware of.
I've been working for an Extra (unsuccessfully) because so much of the DX
is on the Extra-class bands. If what you say is true, then if I were to
live where you do, I wouldn't be able to talk to much of anyone due to
these band-plan differences. Surely it cannot have been then intent,
even of the ARRL back in the 60's, to make it so one "needed [an Extra
Class License] to operate" in any part of the USA.

3258. RF Propigation

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: "Joseph G. Moor" <joemoor@prolog.net>
Message-ID: <01bba439$0fa344f0$1b0fbacc@micron>
Source record: 216727
Body handling: 1 inline base64-encoded payload block was not displayed

[Inline base64-encoded payload not displayed]

3259. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: mjsilva@ix.netcom.com
Message-ID: <51l435$58o@dfw-ixnews8.ix.netcom.com>
Source record: 216728
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <51kqgh$kmt@news.ais.net> carl@ais.net writes:
>
>In <51igac$k1a@anomaly.ideamation.com>, kd1hz@anomaly.ideamation.com
(Michael P. Deignan) writes:
>>In article <51i6dr$8bn@news.ais.net>, <carl@ais.net> wrote:
>>
>>>SSB is NOT dead ... just middle-aged ... CW, on the other hand is
>>>positively fossilized ..
>>
>>Given that one is, at best, only a few years younger than the other,
>>methinks that your statement is biased from your own inherent
dislikes.
>>
>Morse code is almost 150 years old ... SSB first came into use in the
>1950s or thereabouts ... how do you figure that "Given that one is,
>at best, only a few years younger than the other" ???

The International Morse Code (BTW, there isn't just one "Morse Code")
was first used in wireless communications in the 1890s. SSB was
demonstrated in 1915, while AM was demonstrated in 1901.

73,
Mike, KK6GM

3260. 610V deliveries

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: jbmitch@vt.edu
Message-ID: <51l4hu$qn9@solaris.cc.vt.edu>
Source record: 216729

FWIW, I talked with the FCC poc for the vanity program recently and learned the following:

All 610V forms received by the lock box agent in Pittsburgh will be date stamped only. The time order in which they are received there will not have any effect on when they are processed. Any 610V date stamped for September 23 will have as much chance as any other to be near the top of the pile.

This is posted so those considering extra expense, such as driving to the delivery point, standing in some line out front waiting for the doors to open so as to gain an advantage might consider less expensive and time consuming means to ensure their form arrives sometime on the 23rd. I plan to use US mail, two day guaranteed delivery, and postmark on Friday.

BTW, the FCC has only one, that's right, one full time person in charge of entering all of the 610Vs!!! Expect some long delays in processing the deluge that will surely hit Monday the 23rd.

73,
John WD4MUR

3261. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1DxuxI8.Jrl@netcom.com>
Source record: 216730
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

```
In article <51l435$58o@dfw-ixnews8.ix.netcom.com>,
michael silva <mjsilva@ix.netcom.com> wrote:
>In <51kqgh$kmt@news.ais.net> carl@ais.net writes:
>>
>>In <51igac$k1a@anomaly.ideamation.com>, kd1hz@anomaly.ideamation.com
>(Michael P. Deignan) writes:
>>>In article <51i6dr$8bn@news.ais.net>, <carl@ais.net> wrote:
>>>
>>>>SSB is NOT dead ... just middle-aged ... CW, on the other hand is
>>>>positively fossilized ..
>>>
>>>Given that one is, at best, only a few years younger than the other,
>>>methinks that your statement is biased from your own inherent
>dislikes.
>>>
>>Morse code is almost 150 years old ... SSB first came into use in the
>>1950s or thereabouts ... how do you figure that "Given that one is,
>>at best, only a few years younger than the other" ???
>
>The International Morse Code (BTW, there isn't just one "Morse Code")
>was first used in wireless communications in the 1890s. SSB was
>demonstrated in 1915, while AM was demonstrated in 1901.

The telegraph was used long before 1890. CW has been around for how
long? Samuel Morse died in 1872. My dictionary implies CW was invented
in 1867. CW is 129 years old, if this info is correct.
```

3262. Re: the final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <51l7ed$jdp@lehi.kuentos.guam.net>
Source record: 216731
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

carl@ais.net wrote:

>I'm sorry Sir, by you obviously:

>a) have not read/understood the numerous factual presentations which
> clearly prove the above assertion to be false, no matter how many
> times you say it and click your heels together ...

I haven't read any 'factual presentations' either, Carl. I have read a lot
of opinions. If you have an opinion, and you type it enuff times, does that
change it to a 'factual presentation' ? Maybe in your book, but not in mine.

>> Cheapest is that HAM is all about.

>Now this part you've got right ... at least if you're talking about the
>"old guard" ... they ARE too cheap to invest in modern gear ... that's
>one of the reasons they're still using CW (and 1200 baud AFSK packet
>for that matter).

Sorry, Carl, but I don't think we can accept that statement as a 'factual
presentation' either. Personally, I think I have probably spent more money
on ham gear by accident than most technicians have spent on purpose.
What 'modern gear' would you like us to invest in that we don't already
have ? For that matter, what 'modern gear' is available ? I don't see anything
advertised in the AES catalog that wasn't there four or five years ago.

>The Q signals are perfectly suited for conveying the limited number of
>concepts consistent with moronic intelligence levels ... perhaps that's
>why they're common with CW ops and SSB lids ... I'd prefer to have a
>bit more flexibility to carry on an intelligent conversation myself.

OK. So now everyone who uses Q codes on either SSB or CW is a
moron ? That should include about 95% of the ham population .....

>There is absolutely NO redeeming value in "UR 599 in ____, RIG HR is
>____, TNX FER QSO ES 73, CUL" ... this sort of "QSO" is an absolute
>abomination, a waste of spectrum, and does NOTHING to forward the
>purposes for which the Amateur Radio Service was established.

Sure it does. It's just a part of the hobby you don't understand. It's
called DX'ing. It's something that a lot of people, worldwide, enjoy.
We could say the same thing about PACKET BBS FORWARDING
now, couldn't we ? Absolute abomination, waste of spectrum and
does nothing usefull at all. That's a pretty good description of the
packet network, I would say. All headers and no meat.

>As I've said before, digital systems are ROUTINELY transmitting data
>over paths of several THOUSAND miles, day in and day out, using powers
>in the 10 MILLI-Watt range ... CW is junk in comparison with the
>modern technologies available in today's world, pure and simple.

You've said it many times before. But that doesn't make it a 'factual presentation'. For all I know, it's something you dreamed one nite after you ate some cucumbers.

So please amaze us with some facts, Carl. WHO on the ham bands (list of call signs would be OK) is using WHAT digital system (what's it called) that's being used day in and day out ON THE HAM BANDS (what bands) in the 10 mw range over paths of several thousand miles ? If you would please just provide us with those FACTS, then maybe we could accept it as a 'factual presentation' instead of gas caused by something you ate.

73, Jim KH2D

3263. Re: WA State Patrol controlling your radios

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: vbook@vbook.com
Message-ID: <51l83t$nbd@kanga.accessone.com>
Source record: 216732
Cross-posted to: rec.radio.scanner,wash.general,rec.radio.amateur.misc

In article <51574j$q67@tofu.alt.net>, dragoman@geocities.com says...
>
>Goodness gracious, a microsoft employee admits he knows nothing about
>the internet! An honest statement form Microsoft, isn't that one of
>the signs of the Appocalypse?
>
>In article <01bb9f3e$fa8db400$3e6d379d@edmitch>, edmitch@microsoft.com
>says...
>>
>>Wayne <wsmith@ezylynk.com.au> wrote in article
>><842327907.296169@hera.starwon.com.au>...
>>> This newsgroup is for Western Australia, not WAshington state. You
>>> won't get much response from here.
>>>
>>> In article <DxDwp1.BqF@eskimo.com>, kc7iay@ibm.net (Bruce Miller)
>says:
>>> >
>>> >The Washington State Patrol has proposed the adoption of a
>>> >Washington Administrative Code regarding wireless communications
>>> >systems used by motorists (not necessarly attached to vehicles).
>>
>>Actually, several of the groups are a world-wide forum (but we agree
>that
>>wa.general is probably not us!). Unfortunately there is no Washington
>(WA)
>>State specific online forum.
....

Robert Modenhaur (dragoman@geocities.com) never bothered to notice that I was NOT the original poster. That didn't stop him from bashing me anyway because I posted that comment from work, where I've posted a grand total of six messages in 3 1/2 years. But contrary to his statement that I don't know anything about the Internet, and contrary to his inability to follow the thread of the posting and note that I was REPLYING to someone who had posted to the wrong wa.* newsgroup and pointing out that it wasn't that big of deal... I will also note that I know a lot about the Internet as the operator of www.hamradio-online.com, probably the #1 ham radio web site in the world. I've also been active on the Internet for about 12 to 13 years, probably longer than 95% of today's net users. Interestingly, we offered an explanation to Robert, in private but he didn't bother to reply to the email.

We are voluntarily working hard, at our own expense, to promote ham radio using a classy web site that features genuine content instead of pointers to other people's web sites containing pointers to .... well you get the picture. We

know we are doing a lot right on the Internet judging from the tens of thousands of people world wide, in 44 countries, who regularly visit our web site.

And once again, the proposed law in Washington State, requiring that the State Patrol certify all mobile radios (receivers, transmitters and transceivers) is a frightening bureaucratic nightmare. We suspect that the text of the ruling was probably written by a mindless twit, but who knows? They may use the poorly written and broad law to prohibit scanners, radar receivers and who knows what else - may be even ham radio? Even if that is not their intent, the ruling is broad enough that it could lead to that. That's why, per the original post, many of us have written our state representatives and the State Patrol asking them to nuke this stupid proposal at their upcoming hearing on October 9th.

Ed (KF7VY) and Kim (N7VPL) Mitchell
email to vbook@vbook.com
Visit Ham Radio Online, it's free! at
http://www.hamradio-online.com

3264. Amateur testing

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: w9sz@prairienet.org
Message-ID: <51l81q$hn4@vixen.cso.uiuc.edu>
Source record: 216733

In a previous article, carl@ais.net () says:

>In <51k6j7$1ai@altair.cs.unc.edu>, nick@cs.unc.edu (Nick England) writes:
>>Let me ask a question to the folks proposing better theory testing as a
>>substitute for code testing :
>>
>>Do you really believe there could ever be a serious technical test which
>>would limit access to the HF bands ? Politically speaking, I mean. I'll
>>grant you that it is possible to write and administer a meaningful
>>technical test.
>>
>
>Why is the primary focus on testing ALWAYS as a means to "limit access
>to the HF bands" ???
>
>We need more people, not less ... but yes, they should be qualified to
>safely operate radios without hurting themselves or others, and without
>causing harmful interference to other services ... that's all.
>
>That's why a reasonable technical test is needed ... a CW test is NOT.
>
>Carl - wa6vse
>carl@ais.net

I agree with this.

The amateur service is the only radio service which permits its operators to operate non-type-accepted equipment. I think the idea is to have people who are sufficiently technically competent that they don't wreak havoc.

I am one of those crazy people who likes to go up on hilltops with homebrew microwave equipment. If I had no concern for the quality of my signal or didn't know how to test it, I could conceivably end up getting into some commercial microwave system when I transmit. I sure wouldn't want that!

Perhaps since the VE program has made it easier to take an amateur exam, some practical demonstration should be part of a test. Something like demonstrating knowledge of the use of a voltmeter, frequency counter, GDO etc.

73, Zack W9SZ

--

3265. Re: stacking yagi's

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: jjo@tekla.fi
Message-ID: <JJO.96Sep17081016@ds10.tekla.fi>
Source record: 216734

In article <51g4a8$lc0@bashir.peak.org> billn@PEAK.ORG (Bill Nelson) writes:
Rich Greenberg (richgr@netcom.com) wrote:
: Stacking vertically is a much easier mechanical arrangement.

Yes, but harder on the rotator.

Why not rotate the whole tower? The rotator is at the ground level so
repairing it is relatively easy. Having the rotator down allows you to
make it yourself using much stronger materials that are used in
commercial rotators.
--
Jari Jokiniemi, jari.jokiniemi@tekla.fi, OH2MPO, OH3BU
Tekla Oy, Koronakatu 1, 02210 Espoo, 90-8879 474

3266. Re: PRO - CW !!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: jjo@tekla.fi
Message-ID: <JJO.96Sep17081817@ds10.tekla.fi>
Source record: 216735

In article <323B7D1D.134C@wolfenet.com> Rick Perry <kg7a@wolfenet.com> writes:
operation. Why does it have to include ham radio? What about tradition?
Ham radio has a great tradition and CW is part of it. Things like

That is a fancy way of saying: 'You have to do it because I did it'.
--
Jari Jokiniemi, jari.jokiniemi@tekla.fi, OH2MPO, OH3BU
Tekla Oy, Koronakatu 1, 02210 Espoo, 90-8879 474

3267. Re: When is the Hosstrader electronics/radio flea market in Rochester NH?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: mc@shore.net
Message-ID: <51lpcp$916@northshore.shore.net>
Source record: 216736

In article <323E162D.3C55@tiac.net>, John D. Cook <jdcook@tiac.net> wrote:
>Can anyone tell me when the Hosstrader electronics/radio flea market is
>in Rochester NH this year?
>

Hello John:

The Hosstraders Tailgate and Swapfest will be helf on Friday October
4th and Saturday October 5th 1996.

73,

Michael Crestohl, KH6KD/W1
mc@shore.net

3268. FS: cleaning shack - TS850s/at, MFJ-QRp rigs, 2m HT's etc

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: break_6@ix.netcom.com
Message-ID: <51m00p$837@sjx-ixn4.ix.netcom.com>
Source record: 216737

A REAL SHACK-CLEANING
SALE....
THE FOLLOWING ARE ALL LIKE
NEW

MFJ-9020 CW QRP TXCVR
BUY TODAY FROM AES FOR
$169.95 + TAX & SHIPPING
OR FROM ME AT 30%
DISCOUNT $120.00

MFJ-9040 CW QRP TXCVR
BUY TODAY FROM AES FOR
$169.95 + TAX & SHIPPING
OR FROM ME AT 30%
DISCOUNT $120.00

MFJ-9420 CW QRP TXCVR
BUY TODAY FROM AES FOR
$219.95 + TAX & SHIPPING
OR FROM ME AT 30%
DISCOUNT $150.00

KENWOOD 850S/AT
BUY TODAY FROM AES FOR
$1,719.95 + TAX & SHIPPING
OR FROM ME AT 30%
DISCOUNT $1,200.00

BUTTERNUT HF2V ANTENNA
THIS IS A FULL 1/4 WAVE ON 40-M AND HAS A COIL FOR 80-M
OPS.
CAN ADD 160-M RESONATOR IF YOU WANT. HAVENT PRICED
YET.
LET ME KNOW IF YOURE
INTERESTED.

ALL THE ABOVE ARE LESS THAN 2 YRS OLD AND
HAVE
LESS THAN 100 HOURS OPERATING TIME COMBINED
USEAGE!

I AM ALSO SELLING SOME OLDER EQUIPMENT THAT IS A REAL
BARGAIN
BUT NOT STATE OF THE ART OR HAS MORE HOURS ON
THEM.

E-MAIL ME FOR MORE DETAILS ON ANY OF THE
FOLLOWING....

YAESU FT209 2M HT'S (I HAVE TWO OF
THEM)
THEY INCLUDE PROGRAMMABLE PL AND SPKR MICS AND
HEADSETS
AND 1 DESK CHARGER AND MISC
ACCESSORIES.
STILL IN VERY GOOD CONDITION

AZDEN PCS-3000 2M MOBILE RIG.....

IT'S SEEN SOME BETTER
DAYS....

DAIWA AF606K AUDIO FILTER
A REAL GEM OF A FILTER -- WILL SYNCH UP TO A CW
SIGNAL
AND LOCK ON WITH A PLL / LED. THEN YOU CAN
REPRODUCE
THE SIGNAL WITH TONE GENERATOR.... ABSOLUTELY
NO
BACKGROUND HISS OR NOISE...

PS...
ALSO SELLING SOME CAMERA EQUIPMENT (35MM CHINON), AND A

26-FT CAMPER TRAILER. LOCATED IN LAKE COUNTY,
ILL.

LARRY PIKE - WD9HCR

E-MAIL= BREAK_6 @
IX.NETCOM.COM
LOCATED IN N/W SUBURBS OF
CHICAGO
V/M 847.776.3004

3269. ANARTS RTTY News Bulletin 926 15 SEPTEMBER 1996

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: dave@eram.esi.com.au
Message-ID: <51m0vb$k9b@eram.esi.com.au>
Source record: 216738
Cross-posted to: aus.radio.amateur.misc,rec.radio.amateur.misc,rec.radio.info

[ANARTS - Australian National Amateur Radio Teletype Society]

This is the Australian National Amateur Radio Teleprinter Society,
with our weekly RTTY broadcast. We transmit the cast each week
at the following times and frequencies :

3.545 MHz (Plus/minus 5) 0930 UTC VK2CTD (COL)
7.045 MHz -3 0030 UTC VK2CTD (COL)
14.070 MHz (amtor/fec) 0030 UTC VK2DPM (ALAN)
14.091 MHz 0030 UTC
146.675 MHz 0030/0930 UTC VK2JPA (PAT)
144.850 MHz (ax25 bbs) VK2JPA AT VK2WI
146.675 MHz (rtty mmbbs/repeater) VK2RTY

INTERNET RADIO-INFO-DIST AT UCSD.EDU

Enquiries to the society should be addressed to the Secretary
A.N.A.R.T.S., PO Box 860, Crows Nest, NSW 2065.

Views expressed in this news bulletin are not necessarily
those of the Broadcast Officer, the Relay Officers, or of the
Society.

A.N.A.R.T.S. News Bulletin 926 15 SEPTEMBER 1996

SILENT KEY

IT IS WITH DEEP REGRET WE ANNOUNCE THE PASSING OF JIM BOYD
ZL1KN EARLY IN AUGUST FOLLOWING A LONG ILLNESS.

JIM WAS A LONG-TIME MEMBER OF ANARTS, BUT HAD HAD TO CURTAIL
HIS ACTIVITY IN RECENT YEARS OWING TO HIS ILL-HEALTH.

JIM WAS BORN IN ROTORUA 76 YEARS AGO. HE JOINED POST AND
TELEGRAPHS IN NEW ZEALAND IN 1936. WHEN THE WAR STARTED HE
BECAME AN AIR-TRAFFIC CONTROLLER IN THE PACIFIC AREA. HE
PURSUED THIS CAREER AFTER THE WAR IN CIVIL AVIATION, AND
WORKED IN NEW ZEALAND AND AROUND THE SOUTHERN PACIFIC BASIN.

ON RETIREMENT, JIM RETURNED TO ROTORUA AND ENJOYED HIS HOBBY
OF AMATEUR RADIO. JOHN IS SURVIVED BY HIS WIFE, JENNI.

VALE JIM BOYD ZL1KN

COMPILED FROM INFORMATION GIVEN TO ANARTS BY MURRAY ZL1SY.

Some Initial Thoughts On H.F. Clover Operations, By VK6CW

I have recently acquired a Hal Communications P38 Clover modem
This modem operates the following modes .. CLOVER .. PACTOR ..
AMTOR .. AND RTTY .. Hal Communications does not consider that
running PACKET RADIO on H.F. is a suitable mode , and
therefore it is not included ...

The clover mode differs from the normal H.F. digital modes in
that is does not include the normal MARK and SPACE tones which
for a PK-232 is 2100 hertz mark and 2300 hertz space tone.
Clover uses four Audio tones fed into the Microphone socket
and is fairly simple to set up and adjust for correct
operation ..

Using Express software , which is windows based I have worked
JA3BN with the following interesting results ..
Taka was able to carry on a Half duplex qso with me while
transferring a PICTURE of himself at the same time , this
appears in the left hand bottom corner of the screen the size
being about two inches by two inches ..or 45 by 45 cm approx
I am told that every time I now have a qso with Taka this
picture will be retrieved from the directory ..

As soon as I can get a suitable Picture of myself this will
also then be sent to who ever I connect with on CLOVER during
the normal course of the HALF duplex qso with them ..

The DIGITAL SIGNAL PROCESSING is extremely sharp and requires
accurate netting , this is acommplished By the ON SCREEN
tunning bars which indicate the relative difference in the
received signal and your transmitted signal ..

There are many other bells and whistles included in this
software . some of which include AUTOMATIC POWER OUTPUT
ADJUSTMENT according to band conditions
Fully automated control of the transceiver by the computer if
you have the necessary interface , this means the transceiver
frequency is automatically adjusted to the incoming signal

A record of all qso/os kept in the log automatically
Full mail box Facilities
Automatic Baud rate adjustment depending on band conditions
Just to mention a few of things this exciting mode can perform

It is early days for me having only had a few qso/os .. but
the Clover mode of operation on H.F is really Impressive to me
as some one who has operated almost all DIGITAL modes on H.F.

WEEKLY SOLAR AND GEOPHYSICAL REPORT

(06 SEPTEMBER - 12 SEPTEMBER

ISSUED ON 13 SEPTEMBER 1996

SUMMARY
Date 06 07 08 09 10 11 12
10cm 70 70 68 68 68 68 68
A 6 8 6 7 34 20 (20 estimated)
T 12 5 -1 3 13 7 4

SOLAR ACTIVITY WAS VERY LOW ALL WEEK.

THE GEOMAGNETIC FIELD AT LEARMONTH W.A. WAS ACTIVE TO QUIET ON 6TH SEPTEMBER, QUIET TO UNSETTLED 7TH TO 9TH, AND 11TH; UNSETTLED TO ACTIVE 10TH AND 12TH.

MAXIMUM USABLE FREQUENCIES AT SYDNEY WERE NEAR PREDICTED MONTHLY VALUES ALL WEEK.

FORECAST (13 SEPTEMBER - 19 SEPTEMBER)

GEOMAGNETIC: QUIET TO UNSETTLED.

FREQUENCIES: NEAR PREDICTED MONTHLY VALUES.

COURTESY OF IPS RADIO AND SPACE SERVICES

UNFORTUNATELY WE DO NOT HAVE THE VK2SG RTTY DXNOTES FOR THIS WEEK, PERHAPS NEXT TIME.

ARLD040 DX NEWS

THIS WEEK'S BULLETIN WAS MADE PO9SSIBLE WITH INFO PROVIDED BY MAURO, I1JQJ, THE 425 DX NEWS, TEDD, KB8NW, THE OPDX BULLETIN, ANTOINE, 3D2AG, CHRIS, G4BUE, THE DX NEWS SHEET AND CONTEST CORRAL FROM QST. THANKS TO ALL.

EQUATORIAL GUINEA, 3C1. EA6BH, WILL BE ACTIVE FROM COGO OCTOBER 16 TO 22 AS 3C1DX. TRY 3005, 7005, 14005, 21005, AND 28005 KHZ FOR CW, AND 14195, 21195, AND 28495 KHZ FOR SSB. SOME RTTY IS POSSIBLE ON 14088 KHZ. QSL VIA EA6BH.

UGANDA, 5X. PETER, 5X1T, WILL BE BACK ON THE AIR IN EARNEST STARTING SEPTEMBER 7. HE PLANS TO GET ON BOTH 160 AND 80 METERS.

MALDIVES, 8Q. LISTEN FOR ANDY, G4VPM, SIGNING 8Q7AS SEPTEMBER 8 TO 22. HE WILL RUN QRP TO A VERTICAL. QSL VIA CBA. EAST MALAYSIA, 9M6. STAY, JE1JKL, OPERATES 9M6NA FROM LABUAN ISLAND.

BURUNDI, 9U. ALFREDO, 9U5CW, HAS DECIDED TO TEMPORARILY SUSPEND HIS HAM ACTIVITIES DUE TO SECURITY CONCERNS.

ROTUMA ISLAND, 3D2. THER DXPEDITION PLANNED BY 3D2AG HAS BEEN POSTPONED UNTIL LATE OCTOBER OR NOVEMBER. 80 THROUGH 10 METER CW AND SSB WILL BE WORKED, AND POSSIBLY SOME 160 METERS AND RTTY. QSL VIA CBA OF 3D2AG ONLY.

The Ohio/Penn Dx PacketCluster
DX Bulletin No. 269

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, AD1C, AE4MK, K4CEF, KJ4VH, W4/YV5DTA, KH6BZF, NL7TB, K7EHI, K8HVT, WB9YXY, A35RK, DK9IP, EA3BHK, G4BUE & the DX News Sheet, JA6VZB, LU1DZ, PT2NP and SM0DJZ following DX information.

9Q, REP. OF ZAIRE. Fernando, EA4BB, informs OPDX that he will be working as an architect in Zaire for 1 year starting September 9th. He has been issued the call 9Q5BB, and has already sent a copy of the license to the DXCC authority in Newington, CT.

A35, TONGA (Update from Paul Kidd, A35RK). Paul reports that he has been off the air for the last two weeks while he was up in the Ha'apai Island Group, but he is back in Nuku'alofa now and is active on 40-15M CW/RTTY. Paul states in that 2-3 weeks he will be re-locating to Lifuka Island in Ha'apai. He has rented a house there 20 steps from the beach, and he should be active from there by October 1st. By the way, the Ha'apai Group is IOTA OC-169. He states he is still waiting for the Force 12 antenna "package", and it should be arriving there soon. This will enable him to get on 80-10 meters with a decent signal (being right on the "saltwater groundplane").

A4, OMAN. The DX News Sheet reports Tony, A45ZN, is active 4 to 5 nights a week on 160 and 80 meters with 400 watts and a trapped dipole. He does not have permission for 6 meters, but monitors 50110 kHz. He is still awaiting the outcome of his application for an experimental licence for 6 and 30 meters.

C6, BAHAMAS. Fred, K9VV, will be active from Sugar Loaf Cay, September 13-22nd. He will be active in the WAE SSB Contest, as K9VV/C6A (or possibly a C6 callsign). QSL via CBA.

JOHN ALEXANDER, K6SVL SK. It is with great sorrow to report that K6SVL has become a silent key (SK) this past weekend. John served as DXAC Rep Southwestern Division and his present on the committee will surely be missed. Members of NODXA, NOARS and the contributors of the OPDXB send out our deep sympathy.

JY8, JORDAN. Bob, WB9YXY, will once again be visiting friends in Jordan and reactivating his call sign JY8XY. He is expected to be active from October 1-20th and his operations

will be on CW and SBB with activity on 80-10 meters (with the exception of the WARC bands). Like last year, emphasis will again be given to CW. He will have two stations available, both TS-830s; one with a TH6, low band antennas, and amp; the other at a different location with a TH3. The chances of getting an antenna erected for 160 meters are slim due to space limitations, but Bob will reevaluate the situation and if there is any way possible to get on the band, he will. Bob also states you may hear him operating from a neighboring country or two as well as he hopes to have time to visit some friends in the other regions. QSL (w/SASE) to home call WB9YXY and they will be answered immediately upon his return.

PJ9, BONAIRE (Netherlands Antilles). PJ9T will be a Multi/Single entry in the CQ WW SSB Contest, October 26-27th. Bonaire has an IOTA of SA-006. Operators will include AB4JI, K4ADK, KJ4VH, KU4J, N4OKX and WA4DPU. They will be signing PJ2/ before and after the contest October 19-29th (QSL via home call signs). QSL PJ9T via AB4JI.

ZL7PR PIRATE FROM CHATHAM ISLAND. W4FOA spoke with Jim, VK9NS, and he confirms that Peter, ZL7PR is indeed a pirate. This same operator has been known to use ZK3YA's callsign (a legitimate YL operator on ZK3), plus others including VR8B, etc. Jim is working with some ZL authorities in an effort to close this station down. Some of his operating habits include the use of "ere" for here, frequent use of "OC", works phantom DX stations - often some prefixes that no longer exist ie. UF6 etc). He also never gives any QSL info whereas ZK3YA always gives her name/QSL route and often tells she is a teacher on ZK for 3 more years.

ZV0, TRINDADE & MARTIN VAZ ISLAND. Stuckert/PT2GTI, Lunkes/PT2HF and Paul/PT2NP from the ABRA-DX Brazilian Association, will be active after the first week of October on both SSB and CW. QSL info will be PT2DX, the callsign of ABRA (OK in CBA). The team already has been issued the callsigns ZV0MB and ZV0MV. The group will have one more meeting with Brazilian Navy Authorities to work out the final details for this DXpedition. They will carry the team by helicopter to the island, which is a big rock of about 130 meters high over Atlantic Ocean. It will be the first operation in the history of that island and the first time that somebody inhabited it.

ARRL Magazine QEX

Could any VK Amateur help please with a copy of the article, by Johan Forrer, KC7WW, in an issue of "QEX", date unknown, where the author describes a RTTY/PACTOR Converter.

I would welcome information and would cover costs of copy and postage if anyone can help.

Thanks from Rob Gurr, VK5RG, 35 Grandview Ave., URRBRAE SA 5064.

COMING EVENTS

SEPTEMBER 28TH-29TH CQ/DJ WW DIGITAL

OCTOBER 19TH-20TH JARTS WW RTTY

Society information

The Society may be contacted at : PO Box 860, Crows Nest 2065 Australia, for such matters as membership and general enquiries. Enquiries can also be made by packet to the President (Col) VK2CTD at VKWI2, or the Secretary (Pat) VK2JPA at VK2WI.

News items may be sent to Broadcast Officer PO Box 60 Blacktown 2148 Australia, or fax to (02) 9672-3392, or by packet to VK2JPA at VK2WI.

Email address for the Broadcast Officer is :

patl(at)pitt.conmusic.su.oz.au
or patl(at)extro.ucc.su.oz.au

73s de Pat VK2JPA Broadcast Officer

--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2KFU.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | D8 15 71 F9 26 C8 63 40 5E 63 5C 65 FC A0 22 99

3270. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <51m26p$lkv@anomaly.ideamation.com>
Source record: 216739

In article <51kqn0$kmt@news.ais.net>, <carl@ais.net> wrote:

>We need more people, not less ... but yes, they should be qualified to
>safely operate radios without hurting themselves or others, and without
>causing harmful interference to other services ... that's all.

Well Carl, you just made the case for a "no code, no theory" examination.
If the only purpose of the test is to "safely operate radios" and not
cause harmful interference, then you can boil the entire 5 technical
examinations we have today down to a single 10-question multiple-choice
exam.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

3271. Re: ADMS-1C for Yaesu ft-50 and others

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: bnr@universe.digex.net
Message-ID: <51m3dv$b36@news4.digex.net>
Source record: 216740
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Robert F. Good (bnb@mindspring.com) wrote:
: cRiTTa66@shadow.net (cRiTTa66) wrote:
:
: >Can someone that has the software zip up the disk and e-mail or post
: >it to me? Im going to atempt to make my own link from the computer to
:
: This software is not Freeware or Shareware, I paid for mine, I hope no
: one gives you theirs. they are violating the copyright and their
: software license if they do.

And in my opinion, well worth the cost just for the support you receive.
I had a problem and a quick call to RT Systems had my problem resolved. I
looked at the phone bill and the call was so short the toll charges were
under $1! If pirated software becomes a problem for them...who would
expect this to continue? Not much in life is free, and you usually get
what you pay for.

Brian Raines N3XWJ || www.universe.digex.net/~bnr/3000.html
bnr@universe.digex.net || The Uniden BC3000xlt

3272. IL hamfest/computerfest calendar

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: parnass@bell-labs.com
Message-ID: <51m5lu$8rl@ssbunews.ih.lucent.com>
Source record: 216741
Cross-posted to:
rec.radio.scanner,alt.radio.scanner,sci.electronics.repair,rec.radio.swap,rec.radio.amateur.misc,rec.radio.shortwave

HAMFEST/COMPUTERFEST CALENDAR 1996 - NORTHERN ILLINOIS
last updated June 24, 1996

o Please report additions or changes to Bob Parnass, AJ9S, office phone: (708)979-5414, electronic mail: parnass@bell-labs.com. Thanks to Dennis Dale and ARRL for providing some of the information.

SEPTEMBER

September 8 (Sun) - Bolingbrook ARS, Joliet, IL. Info: Ed Weinstein, WD9AYR, 7511 Walnut Ave., Woodridge, IL 60517, tel: 708-759-7005

September 13-15 (Fri, Sat, Sun) - Peoria, IL. ARRL National Convention. Info: Ron Morgan, KB9NW, PO Box 3508, Peoria, IL 61612-3508, tel: 309-694-2649

Sep 21 & 22 (Sat & Sun), Grayslake, IL - Chicago FM Club Radio Expo. Lake County Fairgrounds. Starts 6 AM. Buildings open 8 AM. VEC testing. Info, (708)457-0966. Usually one of the best hamfests in NE IL.

Sep 29 (Sun) - Computer Central, College of DuPage (see notes at the end of this article).

NOTES - Computer Central shows

Computer Central computer shows are held at the College of DuPAGE, Main Arena of the Physical Education Building Park Blvd & College Road, Glen Ellyn, Il. 708-940-7547. $5 admission with card, normal admission $6.00. Opens 9:30 am - 3:00 pm.

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Locate & identify transmitters in your area with RadioMap(tm)

3273. Ostarrichi 1996

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: Neubauer Andreas <de3dna@art.at>
Message-ID: <01bba483$760d6140$0b6464c9@holodeck>
Source record: 216742
Cross-posted to: de.comm.ham,fj.rec.ham,rec.ham-radio,rec.radio.amateur,rec.radio.amateur.homebrew,rec.radio.amateur.misc,relcom.radio.ham,uk.radio.amateur

Ham-meeting in Neuhofen/Ybbs, Austria from Fr. 4.10.96 to Sa. 5.10.96

"Ostarrichi Amateurfunktage in Neuhofen/Ybbs"

Location: Seminarhotel Kothm&#65533;hle

Exhibition:
* Amatuer radio - companies
* Self-made amateur devices
* Flea market (electronic and communication devices, etc.)
* Presentation of ATV, Packet Radio, SSTV, CW, ...
* Newcomer information
* Amateur radio related software
* Drive in contest (only an saturday 8:00 - 10:00 local time)

FREE ENTRANCE

Call our clubstation OE3XOA on 145.500 simplex or 438.900 -7.6 (TX)

For more informations send me an e-mail via

Internet: de3dna @ art.at
Packet radio: oe3dna @ oe3xbs.aut.eu

Hope to see you, Andy.

3274. Re: stacking yagi's

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: Mark Brown <kb0pyo@starpoint.net>
Message-ID: <323EC92B.3FA5@starpoint.net>
Source record: 216743

Jack GF Hill wrote:
>
> Looks to me like the horizontal stack, using a long horizontal mast to
> separate, creates a great deal more stress on the rotor, and hence is
> much harder on the rotor...
>
> But then I may have overlooked something magical somewhere. ;^)
> --

Hi Jack
The way I have heard it explained is that having the antennas on a
crossboom balance out the wind effects. I have a pair of 17 emement 33'
long 2 meter yagis mounted on an 11 foot long fiberglass crossboom that
work quite well.(92 qso's & 37 grids last weekend during the contest)
73
Mark

3275. Re: 4-5 kw Generator Recommendations??

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: ccart@erols.com
Message-ID: <51mcee$2na@test-sun.erols.com>
Source record: 216744

Doyle Souders (Doyle.Souders@nsc.com) wrote:
: I am interested in purchasing a 4-5 KW generator for our Radio Club.
: Its highest use will most likely be Field Day outings and some other
: emergency preparedness events. My question is which way to go? The

Although I can't recommend a specific generator, I can offer a suggestion. Ask some of the local building contractors in your area what they think. I used to work for some and saw a wide varety of the generators you're talking about. We used them every day, dropped them in mud, off trucks, ran them in downpours, 10 below temperatures, forgot to check oil levels (oops) and all sort of terrible things that shouldn't happen to any "tool" you use.

Just a few comments from experience, Honda's always seem to start with the fewest pulls, get something with an oil level sensor, put in a ground rod (use a water pipe etc) when possible, and _DO_ the recommended maintainence. I've seen more than one (most brands) seize up and become backfill before the job was done. And if you don't use it much pull it out once a month or more and run it for an hour, sitting idle for too long seems to make them cranky. (all puns intended) Good Luck,

73

-- Christopher Cartwright, Tech. Engineer | ...our chief weapons are fear,
-- Voice 301.295.0809 N3XRV QRP-L #655 | fear and surprise, and nice
-- Mail dsc3cjc@imc220.med.navy.mil | red uniforms, oh damn!!
-- ccart@erols.com | -- Monty Python

3276. ISSUE 2 OF ELECTRONICS ON THE WEB NOW OUT

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: N Hampshire <nickh@emags.u-net.com>
Message-ID: <51mftd$baa@nuntius.u-net.net>
Source record: 216745

Hi,

Issue 2 of the practical electronics webzine 'Electronics on the Web'
is now out.

You can find it at the following URL:

http://www.emags.com/electron.htm

We hope you find it interesting.

Nick Hampshire.

Editor

3277. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1DxvvBD.D0M@netcom.com>
Source record: 216746

In article <51m26p$lkv@anomaly.ideamation.com>,
Michael P. Deignan <kd1hz@anomaly.ideamation.com> wrote:
>In article <51kqn0$kmt@news.ais.net>, <carl@ais.net> wrote:
>
>>We need more people, not less ... but yes, they should be qualified to
>>safely operate radios without hurting themselves or others, and without
>>causing harmful interference to other services ... that's all.
>
>Well Carl, you just made the case for a "no code, no theory" examination.
>If the only purpose of the test is to "safely operate radios" and not
>cause harmful interference, then you can boil the entire 5 technical
>examinations we have today down to a single 10-question multiple-choice
>exam.
>
>MD

Carl is right. I don't think the current theory test really addresses
the question of safe operation in any depth. How to determine if you
have RF on your chassis. What to do about it. How to determine if you
are emitting harmonics. What is a safe distance from HF antennas at
different power ratings. What specifically happens to one if he comes
in contact with an active HF antenna at different power ratings.
How much power can one run in an apartment without endangering
people. How to position a mobile hi-power antenna for safe operation.

Not to mention detailed specifics on antenna design. pros and cons of
each design type. More indepth information on the different emerging
digital transmission modes.

And much more.

3278. Re: BULLETIN: 14 Year Old Sailor Not Heard in 3 Weeks

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep17.134240.25@ke4zv.atl.ga.us>
Source record: 216747

In article <51k9meINN3e9@network.ucsd.edu> brent@network.ucsd.edu (Brent Jones) writes:
>In article <323abed1.36696011@news.syspac.com>, dnorris@k7no.com (Ohrstal
>Fembrock) writes:
>>Well, he sailed into SF Bay Friday in good health and great spirits.
>>
>>Congrats to him.
>
>Am I the only one here who thinks that a solo sailing of the ocean by a
>*14* year old is pretty stupid, and doesn't deserve a congratulation?
>It seems to say a lot about his parents, if in fact he has any who
>care about him... Sure, lets encourage other children to risk their
>lives for a little bit of attention.

There was a time, not all that long ago, when 14 was considered as
being a second class adult. Fourteen year olds were expected to
work, either at an adult job or apprenticed to a master craftsman
to learn an adult job, and they often set off on their own to homestead
or otherwise make their own way in the world. They were also treated as
adult if they committed criminal acts, and were hung just as readily
as older criminals. It is a fairly recent conceit that a teenager should
be treated as still a child not responsible for his own actions.

One of the results of that conceit is that we now have teenagers
with no concept of responsibility. Since they are treated as
children, they behave as children. But because many of them are
large, they are uncontrollable as children, so they become the
large vicious animals who prowl our darkened streets and alleys
rather than the small manageable animals held in check in the
home that children normally are. They haven't needed to assume
adult behavior because they haven't been required to shoulder
adult responsibility. (If a child hasn't been broken to harness
by age 12, he probably never can be fully civilized, and should
probably be put down like any other ungovernable creature.)

I'd suggest our master mariner has parents who don't subscribe
to this latter day conceit of teenagers as still being irresponsible
children, and have let him behave as an adult, and assume adult
responsibility for his own actions. That's probably a good thing,
whether he measured up to the challenge as he apparently has, or
whether he wound up sleeping with the fish.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses

534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3279. Re: U.S. Navy CW Call Signs

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep17.143609.229@ke4zv.atl.ga.us>
Source record: 216748

In article <0007B75A012A77EC@dol.net> joseph.buch@dol.net.(joe@dol.net
(Joseph.buch@dol.net (joe) writes:
>mikelb@ix.netcom.com wrote:
>
>>Subject: U.S. Navy CW Call Signs
>>Does anyone have a source for this info ? Mike KF6FLQ
>
>Mike,
>
>The US Navy no longer uses CW. Neither does the Coast
>Guard. As of September 30 all CW transmissions on DoD
>frequencies are prohibited. This includes MARS stations.
>
>The DoD has become so enamored of computers and digital
>communications they have forgotten that computers can be
>disabled by an EMP event. Sending CW by rubbing two wires
>together is not part of the electronic order of battle they
>paid the think tanks to develop.

And correctly so. Any EMP that puts down the (well protected)
computers beyond immediate repair, would certainly also get the
radios and most if not all of the effective combat power of the
vessel (which is also heavily based on modern electronics). A
modern navy is no longer iron men on wooden ships. If the high
tech goes, the vessel becomes just a haven for survivors,
something for which resources have to be diverted rather than
something which is itself a combat resource.

At the intensity and pace of modern combat, particularly a
combat which has gone nuclear, there are no resources, and
no time, to spare for survivors. Any vessel unable to defend
itself is likely destined for the bottom in very short order.

And the threats against which it must defend itself are ship
killer missiles launched from over 100 miles out, or ship killer
torpedos which swim in from 20 miles out. If the electronics aren't
working (radars, sonars, computers, fire control for the Phalanx,
guidance for the Standard AA missiles, etc), it won't do any good
to beep a bit of Morse, except maybe to tell your comrades a final
goodbye before the next wave of missiles strike or the next torpedo
homes in.

Even if you managed to survive the battle (perhaps by taking the
last hits in an exchange), emitting a CW signal would be like
shouting to the world "here I am, come kill me" to any Elint

receiver in the area, or in orbit. And the next EMP will be from
the missile aimed right down your throat. A CW signal would stand
out in the SS grass like a redwood on the prairie.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3280. E-Z WAY Tower address??

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: pineapp@netcom.com
Message-ID: <pineappDxvyxr.8xy@netcom.com>
Source record: 216749

I have an E-Z TOWER crankup tower. I would like to find
out thier new address or who had purchased them? I have
an address in Tampa Florida, but I am unable to find
them using www.switcboard.com web site.

thank you,

--

.---+--------------------------.
INTERNET: pineapp@netcom.com (DC436)	Daniel Curry
AMPRNET : dan@wb6stw.ampr.org [44.4.20.144]	WB6STW
AX.25 : wb6stw@n0ary.#NOCAL.CA.USA.NOAM	DoD # 1450 SOHC4 # 136
'---+--------------------------'

3281. Re: Street Car Speed Control

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: Jim Reid <jreid@aloha.net>
Message-ID: <01bba4bf$fb290960$9f070ccf@jim-reid-1>
Source record: 216750

John Rice <rice@ttd.teradyne.com> wrote in article
<1996Sep16.103340.1@ttd.teradyne.com>...
> In article <01bba371$53c87a60$05070ccf@jim-reid-1>, "Jim Reid"
<jreid@aloha.net> writes:
>
> > Some decades ago, when I was in engineering school, I was required
> > to learn the San Francisco Street Car electrical control system.
> >
>
> On the other hand, when I was pursuing a BSEE at University of Hawaii, I
> was required to Learn World History and Philosophy, before I was even
> allowed to attend EE classes. I would have much rather been learning
> 'Street Car Control Systems', as it would have had, at least, 'some'
> relationship to my chosen career path :-).

But, John, I was told at the time we engineers-to-be had to "liberally"
educated, else we might not be well rounded individuals. Well, some
45 years later, I certainly am more round than I was then!! One of
my great disappointments with my long engineering career, mostly in
microwaves, was the nearly trivial amount of my math/physics education
that was actually ever used! Recall only one time being faced with
a situation when I had to sit down, pull out Ramo&Whinnery and
figure out the boundary conditions to put to a partial diff. equation I
needed to solve! I would guess that 70% of math and other stuff I
was forced to learn and be examined on was NEVER of any use!
Maybe that was also part of the liberal education. Had I gone on
to work toward the fud. degree, all the math may have been of use,
but for practical engineering problems, at least what I was doing,
not.

And, yes, Hugh Skilling would not allow my degree to be awarded
until I stayed at the U one more quarter to take the required
Philosphy course I had "overlooked" several years earlier!

73, Jim, AH6NB (for a few more weeks, probably)

3282. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep17.160004.576@ke4zv.atl.ga.us>
Source record: 216751
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <51kqgh$kmt@news.ais.net> carl@ais.net writes:
>In <51igac$k1a@anomaly.ideamation.com>, kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:
>>In article <51i6dr$8bn@news.ais.net>, <carl@ais.net> wrote:
>>
>>>SSB is NOT dead ... just middle-aged ... CW, on the other hand is
>>>positively fossilized ..
>>
>>Given that one is, at best, only a few years younger than the other,
>>methinks that your statement is biased from your own inherent dislikes.
>
>Mike,
>
>Morse code is almost 150 years old ... SSB first came into use in the
>1950s or thereabouts ... how do you figure that "Given that one is, at
>best, only a few years younger than the other" ???

Morse was first used in 1838, a little over 150 years ago, but that was on wire. It's only about 100 years old on radio. The wirelines started abandoning Morse on a large scale in the 1920s, and by the 1950s had abandoned it completely for the teletype (which has now itself been fully obsoleted by computer to computer networks). And abandonment of radio usage of Morse by everyone except amateurs has basically been completed this year, and will be finished for sure by 1999.

SSB was used by the Bell System starting around 1928, so it's about 68 years old. It didn't become popular among *amateurs* until the late 1950s (though there were a few pre-WWII experiments by amateurs). Your continuing complaint that amateurs generally lag behind isn't really justified in this case, nobody else other than the Bell System was making use of SSB on a large scale before the 50s either. The technology wasn't ready for large scale use.

SAC started using SSB at the same time amateurs did, and for the same reason, Collins produced a radio small enough, cheap enough, and stable enough to make it practical. (It was really the Collins mechanical filter that first made SSB practical for installations without continuous technician support to keep it tweaked.)

The Bell System started phasing out SSB in the late 1960s, moving to digital mux on undersea cables and satellites. There are still a couple of SSB circuits left in out of the way corners of the globe, but they'll be gone shortly. Other users of SSB are still going strong,

but I expect that they'll start phasing out in favor of digital in the years ahead. I doubt SSB will hang around 150 years. Technology is moving much more rapidly today than it did during the heyday of Morse.

I expect most SSB outside the amateur bands will be gone in another 20 years. I'm not 100% comfortable with that prediction, consider that aviation still uses AM for example, but I think it will be generally true except perhaps for special niches.

While FM dates back to about the same time as SSB, and also started gaining wide scale use post-WWII, it is likely to hang around longer than SSB. The equipment is simple and cheap, and AFC and capture make it operator friendly. Those are powerful advantages for the uses to which it is put.

No doubt digital systems, particularly SS, will eventually obsolete SSB and FM. The sharing advantages are just too compelling to ignore, and the technology is getting cheaper. It won't be long before the cost differential between conventional FM and SS will only be pennies, we're probably already at that point with SS and SSB today, and microprocessor control can make any radio operator friendly.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3283. Re: BULLETIN: 14 Year Old Sailor Not Heard in 3 Weeks

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: gradyr@mindspring.com
Message-ID: <gradyr-ya023080001709961440090001@news.mindspring.com>
Source record: 216752

In article <51k9meINN3e9@network.ucsd.edu>, brent@network.ucsd.edu (Brent Jones) wrote:

> Am I the only one here who thinks that a solo sailing of the ocean by a
> *14* year old is pretty stupid, and doesn't deserve a congratulation?
> It seems to say a lot about his parents, if in fact he has any who
> care about him... Sure, lets encourage other children to risk their
> lives for a little bit of attention.
>
> Brent

You have my agreement 110% Brent...horror stories of a 7 year old airplane pilot are passing through my head also...

It's a shame it happens but what's even worse is it's a shame someone's parent would allow them AND also encourage it.

Grady
KF4LDO

==========

If you don't like it, don't read it.

==========

3284. sorry

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: swadley@nebo.edu
Message-ID: <51mvqd$oqf@svc.slc.uen.org>
Source record: 216753

dsadsd

3285. Re: Yaesu Owners: extraterrestrial frequency!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-17 00:00:00 UTC
From: bnb@mindspring.com
Message-ID: <323df2da.2032993@news.mindspring.com>
Source record: 216754

"JRW4" <jrw4@ix.netcom.com> wrote:

>Wanna hear aliens -- as in, from outer space?
>
>Well, I found the frequency for you to monitor -- but only if you have a
>Yaesu HT.
>
>Punch in 897.25 Mhz -- you'll see what I mean.
>
I don't hear a thing on my FT-50R. I assume that you are having fun
with the readers of this group.

Bob, AE4XG

3286. re: do we build? was(re: arrl survey ignores 7 of 8 wrc-99 issues!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: markl@dove.net.au
Message-ID: <843037943mnewsmarkl@dove.net.au>
Source record: 216555
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew

>
>
> brucetw@ix.netcom.com wrote:
> >
> > gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
> >
> > ...<SNIP>
> >
> > >I think you see CW transmitters as the most common because that's all
> > >you do, so your vision is a bit myopic on the subject of home constructed
> > >equipment (or you may be insisting on a purist definition of homebrew which
> > >doesn't admit anything but an original design by the home constructor). If
> > >you were active on other modes, you might find that there is quite a bit of
> > >building going on for them as well. Probably only at microwave, and for ATV,
> > >is homebrew the majority course, but it is alive and well on most of the
> > >other modes, not just among CW operators.
> >
> > ...<SNIP>
> >
> > >Gary
> > ...<SNIP>

> [Lots Cut out }
>
> The CW requirement caused me to enter the field, for I am interested in its
> homebrew aspects. With the CW requirement, I know there are others out there
> with whom I'll be able to communicate using my homebrew CW TX. There is no
> simpler, low level, entry point than a CW TX.
>
> Cheers,
>
> Chris (KC5VQL)
> .

Have I misunderstood? Are you suggesting that the fact that you had to do a Morse code exam caused you to enter the hobby? I guess what you meant is that your interest in homebrew CW got you interested.

Having a Morse exam does not mean that there will be Morse operators out there - many people forget Morse soon after passing the test. It is the fact that some people LIKE Morse that ensures there are Morse operators, not the exam.

The reason for including a topic in a licence examination should not be based on a person's, or group of people's personal interests. It should be based on what the licencee is REQUIRED to do, or continue to know, AFTER the exam has been passed.

To illustrate my point, if an amateur uses a transmitter outside of the band, or builds and operates a piece of equipment which splatters over the band, there are provisions to penalise the amateur by fines and/or loss of licence. Thus, it is appropriate to have regulations and radio theory examined.

Now, what can happen to an amateur who uses Morse code poorly (slowly with lots of errors)? Are there licence implications? Can the licencee be fined or have the licence revoked? If the answer is no, then there was no point in examining the person in the first place.

A licence exam is used to define what a person should know and be able to do and is the benchmark for determining if the licencee is a fit person to hold the licence. This does not mean that the person cannot or will not forget what was examined, but it does mean that the licencee cannot use the excuse of ignorance if a breach occurs.

If it isn't important enough to have a penalty for non-compliance, then it isn't important enough to examine in the first place.

Mark.

3287. Re: In search of project radios. Tube and early solid state.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: bry@mnsinc.com
Message-ID: <51ons6$3on@news1.mnsinc.com>
Source record: 216556
Cross-posted to:
rec.radio.swap,rec.radio.shortwave,rec.radio.amateur.misc,alt.radio.pirate,rec.radio.amateur.homebrew,rec.radio.cb

rmd@ka4ybr.netmha.com (Bob Duckworth) whistled a happy tune like:

|Hi-

|I'm looking for some radio gear for winter projects.

|In the vacuum tube arena:
|Geloso (anything)
|TMC (Technical Material Corporation) GPR-90 and SBE-2
|Any homebuilt ham or shortwave gear.

|Solid state stuff:
|ICIR, Cubic, Stoner, Alda, Atlas, Astro, any other early solid state
|(Hammerlund, National, etc. also)
|Any homebuilt or shortwave gear.

|I prefer radios in need of work and priced accordingly but will
|look at anything (especially Geloso and TMC!)

|Have cash, radios, and datacom gear to trade.

|-bob
|WB4MNF
|404-888-0389

|--
|Bob Duckworth Consulting, 960 Ralph McGill Blvd. Atlanta GA 30306-4447
|bobs' address is rmd@ka4ybr.netmha.com 404-888-0389(V) 892-2301(FAX)
|Buy Sell Trade Surplus Computer Electronics Datacom Telecom since 1981.
|Fax or email your list for a fast cash offer. Watch for listserv catalog.

Bob - you might want to check some of the SURPLUS resources in megalist.txt
available here at my Web-site!

73 - AF4K

Brian Carling, AF4K / G3XLQ
bry@mnsinc.com
http://www.mnsinc.com/bry = MEGALIST + HOCKEY + HAM RADIO = Bry's Page!

3288. Ham pees in pants

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <323FCDA4.3A81@ccsnet.com>
Source record: 216557
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

The following message was relayed from a PBBS.
The ham said something that GOD (a PBBS SYSOP) might not like,
look how fast he ate his words"

Date: Wed, 11 Sep 96 09:41:00 UTC
From: N8VZL@WA8OMR.#NWV.WV.USA.NOAM
To: SYSOP@USBBS
Subject: No harm meant to sysops
Path: K1UGM!WG1I!KA0WIN!KE0WO!VE4KV!KA6EYH!WB8BII!WA8WNI ...

In my recent reply to K1OIK's blasting to AA0NN's deleting his messages,
no ill was intended to "ALL" sysops in general as one such sysop took
it. I did not mean for the reply to GOD@ALLUS and sysop's control to
demean sysops at all. quite the contrary, I simply meant that any sysop
has control of his property. The key word is property, and some users
do not like the fact to hear "It's my football es we'll play by my rules
or..." You am not a packet bbs sysop.

I am a LLBBS sysop and the rules are different. You play by my rules on
my bbs not necessarily the FCC's rules, but still some FCC rules do
apply. I still do not allow foul language on my LLBBS, although many
invite it. You get locked out of my bbs for such actions and no
warnings, but it is hard to lock out hams on the packet network hams are
not being locked out if their messages are deleted for foul content.
Locked out means the inability to get "IN" in the first place. I in
fact applaud sysops in the amateur packet network.

So if I indeed did insult someone while comparing two individuals for their
appraisals of one another, I am sorry you misinterpreted my quote,
it was not my intention to insult sysops.

- - ... ... - -
****
* de Raynard Merritt * Shadyside,Ohio Belmont County U.S.A. *
****
* raymundo@ovnet.com * n8vzl@.#wa8omr.nwv.wv.usa.noam *
****

3289. Re: 4-5 kw Generator Recommendations??

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: Steve Bramham <steve.bramham@turner.com>
Message-ID: <323FF25B.3779@turner.com>
Source record: 216558

Doyle Souders wrote:
>
> I am interested in purchasing a 4-5 KW generator for our Radio Club. When hurricane Opal (sp?) hit Atlanta (yes Atlanta) we were out of power four five days. I found the perfect way to get power restored was purchase a generator, take it home, open the box, read the instructions, fuel up, pull crank ONE time, Georgia Power restores electricity to the neighborhood.

Oh well, I'm ready for field day.....

By the way, its the Coleman 5 KW unit and it is loud. I need to installed a better muffler. And the light load voltage is pretty high (approx 130-140 VAC).

Hope this helps....

73's de WA4MPD

3290. ??YAESU?? FT-50/51R Questions.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: brndamg@ix.netcom.com
Message-ID: <51orts$jnp@sjx-ixn5.ix.netcom.com>
Source record: 216559

>Please help if you can. I need information on the YAESU FT-50R and the
>YAESU FT-51R.

>(1).Which one is more modifiable?
(2).The FT-50R is celular blocked. Can this be altered? And(FT-51R)?.
(3)Can the MARS/CAP mod be done on both radios?
(4).Which one is more reliable?
(5).Which one would you chose and why??
(6).Is the FT-50R monitering config.. the same as the FT51R?
(7).Any sugestions?

If you have any experiance/advise to offer, please pass it on.
Also if you know/of any mod procedures it would be helpful to know so
I dont purchase the wrong radio.

Thanx for your time.
(J).

I would appreaciate your E-mail responses.

3291. The truth about Juno mail.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: clint.bradford@atdbbs.com
Message-ID: <9609172040213940@atdbbs.com>
Source record: 216560

>>At JUNO the customer philosophy appears to be "the customer comes
>>last."

ANY such firm that lacks a viable Customer Service Department will
quickly and surely die. And JUNO fits that description.

3292. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: Jim Conn <jconn@gte.net>
Message-ID: <32402BDD.4DA0@gte.net>
Source record: 216561
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

carl@ais.net wrote:
>
> In <323CC0B1.5020@gte.net>, Jim Conn <jconn@gte.net> writes:
> >
> >Carl,
> >
> >Your prejudice toward older hams seems disgusting and mean spirited.
>
> Jim,
>
> I have stated clearly on many occasions that chronological age does not
> an "olde farte" make ... it's attitude and little else ...
>
> I know and have known people (including hams) in their 70s and 80s whose
> intelligence and spirit of exploration, invention, and adventure are an
> inspiration ... I used to know a guy who was a land-line telegrapher
> when he was a kid ... he could copy lengthly bursts of code at 60-70wpm
> in his head without even thinking about it while simultaneously carrying
> on a conversation with me ... and that was after he'd had a few beers
> <grin>
>
> I also know people in their 30s and 40s who are truly "olde fartz" ...
> they are stagnant, backward-looking, mean-spirited individuals whose
> attitudes towards life in general and anything new in particular deserve
> nothing but contempt ... because they are the "spoilers" who stand in
> the way of anything that remotely resembles progress either in ham
> radio, or in society in general.
>
> I have a great deal of respect and admiration for the pioneers who went
> before us in the early days of ham radio ... I've read the history ... I
> have been a member of the Radio Club of America ...
>
> I don't believe that the early pioneers of ham radio, who were inventors
> and experimenters first, would approve at all of the stagnating,
> anti-progress ideals espoused by the current "keep the code, and keep
> those damned no-coders off of 'our' bands" establishment sentiments.
>
> >Stereotyping those of us who support continued code testing into a class
> >that needs a "pacifier", and insinuating that we are incapable of
> >understanding the "new stuff", is not likely to cause us to support a
> >proposal that would throw us a crumb by giving us the lower 25KHz of the
> >bands we currently have full advantage of.
> >

>
> You currently have SHARED access to the HF bands ... I suggested a 25kHz
> EXCLUSIVE sub-band, so that you'd ALWAYS have some space for CW without
> having to put up with newer digital modes that are not so pleasing to
> the ear ... even I don't like to LISTEN to the digital stuff. :-)
>
> BTW, I'm 46 and have been licensed continuously since 1975, so I guess
> if age was all that mattered, there'd be some who would classify me as
> an "old-timer" ...
>
> 73,
> Carl - wa6vse
> carl@ais.net

Hi Carl,

Thanks for clearing that up.

I do believe the majority of hams answering the ARRL survey will come out in favor of keeping the morse requirement. Not because we are against new and better modes, but because so many hams like to use it. I personally thought the survey was loaded toward reducing or eliminating the morse test requirement.

As one who works day to day with the latest in telecommunications technology, I can say with confidence that in a very short time, using ADSL technology, voice, video and 1.44 megabit data will be available to everyone via their regular copper phone line for a paltry few bucks. We are field testing it now. High speed digital communications will become so easy and cheap in the next few years, even the most advanced SS HF radio amateur modes will be obsolete by comparison of cost/performance. Mankind is ready to once again "jump the curve."

Will ham radio still be fun? Yes, as a window on an earlier time, an earlier technology, whether you enjoy morse, CLOVER, RTTY, SSB or some other mode.

73,

Jim - AD4VL

3293. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: carl@ais.net
Message-ID: <51ngts$6jd@news.ais.net>
Source record: 216562
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <323CC0B1.5020@gte.net>, Jim Conn <jconn@gte.net> writes:
>
>Carl,
>
>Your prejudice toward older hams seems disgusting and mean spirited.

Jim,

I have stated clearly on many occasions that chronological age does not an "olde farte" make ... it's attitude and little else ...

I know and have known people (including hams) in their 70s and 80s whose intelligence and spirit of exploration, invention, and adventure are an inspiration ... I used to know a guy who was a land-line telegrapher when he was a kid ... he could copy lengthly bursts of code at 60-70wpm in his head without even thinking about it while simultaneously carrying on a conversation with me ... and that was after he'd had a few beers <grin>

I also know people in their 30s and 40s who are truly "olde fartz" ... they are stagnant, backward-looking, mean-spirited individuals whose attitudes towards life in general and anything new in particular deserve nothing but contempt ... because they are the "spoilers" who stand in the way of anything that remotely resembles progress either in ham radio, or in society in general.

I have a great deal of respect and admiration for the pioneers who went before us in the early days of ham radio ... I've read the history ... I have been a member of the Radio Club of America ...

I don't believe that the early pioneers of ham radio, who were inventors and experimenters first, would approve at all of the stagnating, anti-progress ideals espoused by the current "keep the code, and keep those damned no-coders off of 'our' bands" establishment sentiments.

>Stereotyping those of us who support continued code testing into a class
>that needs a "pacifier", and insinuating that we are incapable of
>understanding the "new stuff", is not likely to cause us to support a
>proposal that would throw us a crumb by giving us the lower 25KHz of the
>bands we currently have full advantage of.
>

You currently have SHARED access to the HF bands ... I suggested a 25kHz EXCLUSIVE sub-band, so that you'd ALWAYS have some space for CW without having to put up with newer digital modes that are not so pleasing to the ear ... even I don't like to LISTEN to the digital stuff. :-)

BTW, I'm 46 and have been licensed continuously since 1975, so I guess if age was all that mattered, there'd be some who would classify me as an "old-timer" ...

73,
Carl - wa6vse
carl@ais.net

3294. Morse Code again (was Re: re: do we build? was(re: arrl survey ignores 7 of 8 wrc-99 issues!)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: Ed Hare <ehare@arrl.org>
Message-ID: <51p2v7$6qt@mgate.arrl.org>
Source record: 216563
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew

markl@dove.net.au (Mark Little) wrote:

>> The CW requirement caused me to enter the field, for I am interested >> in its homebrew aspects. With the CW requirement, I kno=
w there are >> others out there with whom I'll be able to communicate using my >>
>>homebrew CW TX. There is no simpler, low level,=
entry point than a CW >>TX.

> Have I misunderstood? Are you suggesting that the fact that you had to > do a Morse code exam caused you to enter the hobby? I gue=
ss what you
> meant is that your interest in homebrew CW got you interested.

Speaking for myself, if I hadn't been required to pass a 5 wpm, then 13
wpm Morse exam, I never would have known that I like Morse Code. FWIW.

> The reason for including a topic in a licence examination should not be > based on a person's, or group of people's personal inter=
ests. It should > be based on what the licencee is REQUIRED to do, or continue to know, > AFTER the exam has been passed.

I passed an exam that covered phone operating priveleges and digital
operating and theory. I am not REQUIRED to use these modes.

> To illustrate my point, if an amateur uses a transmitter outside of the > band, or builds and operates a piece of equipment which =
splatters over > the band, there are provisions to penalise the amateur by fines and/or > loss of licence. Thus, it is appropriate t=
o have regulations and radio > theory examined.

> Now, what can happen to an amateur who uses Morse code poorly (slowly > with lots of errors)? Are there licence implications? Can =
the licencee > be fined or have the licence revoked? If the answer is no, then there > > was no point in examining the person in the=
first place.

I recall questions about Q signals on the tests. There is no penalty if
I do not use them correctly. Yet I do not believe you are proposing that
those questions be deleted.

Perhaps better questions to ask and answer is: "Is Morse Code still
relevant to the Amateur Radio Service? If so, should we retain testing
as a requirement for some or all amateur priveleges. Should we keep it
as a requirement in its present form? Why, or why not."

It is my personal opinion that Morse Code is important to the Amateur Radio Service for a number of reasons. The most important is that it is apparently important to a significant number (significant is not necessarily defined as a majority) of us. The alternatives proposed are important to a significant number of us, too, so those who are proposing solutions that do not consider the needs or wishes of others with alternative views are proposing solutions that are more divisive than useful.

Let's take followups to .policy, where they are more appropriate to the charter of the group.

73 from ARRL HQ,
Ed Hare, KA1CV
ARRL Laboratory Supervisor

3295. Needed: Manual for Heathkit SB-110 6 Meter Rig

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: basil@turn.com
Message-ID: <MPG.ca9d9dd90d0ba06989680@news.gte.net>
Source record: 216564
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.swap

I need a manual for an old Heathkit SB-110 6 Meter Rig. This is an old tube rig, and is currently in non-working, but otherwise good, condition. I am willing to pay copy and postal charges. The more info I get on this radio, the better, so if you have articles or other writings about the Heathkit SB-110, I would be interested in those also.

Thank you in advance for your help.

Basil (Darin) Arrick, KB5KHR
basil@turn.com

3296. Needed/Wanted: Vacuum tubes

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: basil@turn.com
Message-ID: <MPG.ca9dbf15340ddfb989681@news.gte.net>
Source record: 216565
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.swap

I need a bunch of vacuum tubes for a couple of radios that I am working on: a Collins KWM-2A and a Heathkit SB-110 6 Meter Rig. Some of the tubes that I need are as follows:

6U8A (Qty: 3)\
6EB8 \
6EA8 ---- These are "must haves"
6DC6 /
6AZ8 (Qty: 2)/

12AT7 (Qty: 2)
12AX7
6BN8 (Qty: 2)
6AZ8 (Qty: 2)
6146B (Qty: 5)
6CL6

If you have any of these tubes, let me know. I would prefer to purchase them all from one person, if possible, but I will purchase them from different places, if needed. If I could pick them up (local to Dallas/Ft. Worth, Texas, area), that would be a _HUGE_ plus. I will pay shipping costs.

Thank you in advance for your help.

Basil (Darin) Arrick, KB5KHR
basil@turn.com

3297. Re: Code / No-Code, I think you ALL are a bunch of freaking morons.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: randolph@asic.enet.dec.com
Message-ID: <51p6r4$kbn@mrnews.mro.dec.com>
Source record: 216566

In article <323c704b.1389344@cisnews.cisnet.com>, dbrooks@cisnet.com (Don Brooks) writes...
>Tubes suck. Nobody should be allowed to use a radio that has tubes.
>Come to think of it, lets include crystals. Do you use a crystal

Well, so much for all those crystal-controlled synthesized radios...
Air-variable capacitors, the only REAL frequency control method! 8-)

==========
Tom Randolph N1OOQ NE-QRP 419 QRP-L 87 ARRL randolph@asic.enet.dec.com
==========

3298. Free at last.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: howard.watson@jamesbbs.com
Message-ID: <843042948@jamesbbs.com>
Source record: 216567

K>Ham radio is so unappealing to the young:
K>
K>1. I offered 14 year old KA1VBQ $10 to make a single 2 meter contact,
K>she refused.
K>2. I offered N1XIY free GOOD 2M and HF gear, he is 16, he refused to
K>use it.
K>Electrolux and ham radio both have something in common, what?
K>
K>Burt

They're both objects that some teenagers are too lazy to use? or
They're both objects that some teenagers find too complicated? or
They're both objects that somebody through propaganda and brain washing
has convinced them are inappropriate to use? or
gee the possibilities are endless!

Burt, I actually enjoy many of your posts, but I make it a point to make
sure MY teenagers realize that you are NOT a proper example to follow
when they are reading these posts over my shoulder. I pray that you do
not provide such an example to your students. I honestly do not believe
that you are nearly as hateful as you portray yourself to be, BUT do you
realize the example you set? My son had the comment that since you are
a teacher there must be something to what you say. I agree that there
are problems with the ARS, but why not try to improve things? Are you
that much of a quitter? They had the right idea in the 70's: "If
you're not part of the solution, you are part of the problem".

Hmmm, middle age, white, sits and whines with very few actual ideas for
improvement, etc.......beginning to sound a lot like what somebody
(can't remember who) once called (insultingly) a "typical ham".

Howard Watson - N3TNQ - hwatson@erinet.com - Springfield, OH

• CMPQwk 1.42 9639 •You gotta hand it to those blind prostitutes.

3299. Re: Free at last.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: howard.watson@jamesbbs.com
Message-ID: <843042949@jamesbbs.com>
Source record: 216568

K>Jeffrey Herman wrote:

K>> >1. I offered 14 year old KA1VBQ $10 to make a single 2 meter
K>> >contact, she refused.

K>> Yeah, I recall when my Elmer first placed a mic in front of me - I
K>> froze. He could have offered me more than $10 and I still would have
K>> been scared.

K>In previous years she had worked 20 countries with over 200 contacts.
K>She did not freeze. She was bored to death.

Did you have anything at all to do with her in that time period? After
all you HAVE gotten very boring lately.

K>
K>> >2. I offered N1XIY free GOOD 2M and HF gear, he is 16, he refused
K>> >to use it.

K>> So why did n1xiy bother to get a license? Seems like a lot of work
K>> to memorize the Q&A's then refuse to accept your free gear. Unless
K>> all that gear stinks of alcohol and tobacco. Then again, maybe his
K>> parents told him never to accept gifts from strangers.

K>The kid got the license to get a higher grade in Electronics shop.
K>No other reason.
K>

Sounds VERY much like a commentary on some segments of youth today
rather than an insult to Ham Radio.

Burt Fisher IS a "typical ham"!

HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI
HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI

Yep, all those HI's were every bit as boring as I thought they would be,
but HEY, now I'm a "typical ham" just like Burt!

Howard Watson - N3TNQ - hwatson@erinet.com - Springfield, OH

 CMPQwk 1.42 9639 (This tagline may contain an encrypted satanic message)

3300. Re: ARRL "Representation" on code and other issues ++

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: Alex VonYonkers <vicalex@Gramercy.ios.com>
Message-ID: <51p8oe$m8r@news.ios.com>
Source record: 216569
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

Hello,
I am N2NNU, Alex. I have been involved with high speed lans for
15 years now. I have seen de birth and the demize of at least
a dozen protocols and harware solution. And I have seen the standardisation
of perhaps the worst of them, the Ethernet. It all happen
just because of greed, non compliance and ego !

For us, the amateurs of the world to succede in this endeavor
we need to have the guts to reinvent our self. We need to
tell the legislators tha we need INCENTIVES to build the
next generation of HAMS. We need to grow the previousely
stated %2 of REAL Amateurs to as much possible. But
when they can-t use THEIR equipment to call in for a pizza
there in no much incentive to build new infrastructures
on top of the aging ALOHA.

We need the equivalent of the IBM to generate and build
universal standars and hardware and we need the equivalent
of Microsoft to help us be better users of the system.

It is a shame that we have left the entire market and hoby
to the whims of the foreign manufacturres. We need to
subsidise and create incentives for our hoby to grow and
thrive.

We need to do it now, before we are losing our precious
resoureces.
Alexander Sandbrand
N2NNU
email - vicalex@gramercy.ios.com

3301. Re: ADMS-1C for Yaesu ft-50 and others

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: bnr@universe.digex.net
Message-ID: <51pbba$pb7@news4.digex.net>
Source record: 216570
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

cRiTTa66 (cRiTTa66@shadow.net) wrote:
:
: thats why i built a link cable for my TI-85 to my computer, cost me $1
: at radio shack, they sell it for $40 or $50 !!!!!
:
I think it is great you want to build your own cable. Why don't you write your own interface software also? There are two pieces to the puzzle, the cable and the software. RT Systems sells a package that has both. Just because you want to create one piece of it doesn't give you the right to steal the other part.

Here's an idea...learn to program...manufacture your own cable...set up a business then sell your new software and mass produced cable for $1! See how long you stay in business.
:
: you think pirated software makes prices go higher?
: your WRONG
:
Re-read, my friend. I never said any such thing. I said you can't expect the same high level of support with no hassles if a company has to wonder whether or not you paid the price. I spent less than 4 minutes on the phone fixing my problem. Never once asked for a registration number or asked to hold while it was confirmed. The guy who answered the phone fixed my problem and I was on my way.
:
: Software companies are riping us off charging us $100 for crapy
: software.. its all business
:
I only paid $40 for my ADMS-1C software and in my opinion that was a fair price.
:
: anyways, 5 minuets wasted explainging
:
Sorry, I don't think you could learn to program, because you obviously never learned to spell. I guess I wasted my time as well.

Brian Raines N3XWJ || www.universe.digex.net/~bnr/3000.html
bnr@universe.digex.net || The Uniden BC3000xlt

3302. Re: 4-5 kw Generator Recommendations??

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: psoper@encore.com
Message-ID: <DxxuJG.1tz@encore.com>
Source record: 216571

Steve Bramham <steve.bramham@turner.com> writes:

>Doyle Souders wrote:
>>
>> I am interested in purchasing a 4-5 KW generator for our Radio Club.
>When hurricane Opal (sp?) hit Atlanta (yes Atlanta) we were out of power
>four five days. I found the perfect way to get power restored was
>purchase a generator, take it home, open the box, read the instructions,
>fuel up, pull crank ONE time, Georgia Power restores electricity to the
>neighborhood.

>Oh well, I'm ready for field day.....

>By the way, its the Coleman 5 KW unit and it is loud. I need to
>installed a better muffler. And the light load voltage is pretty high
>(approx 130-140 VAC).

The Coleman 4kw model was available here in North Carolina for $500 before Fran came to visit. Also I think the pro-Honda poster will find that a 5kw Honda costs a lot more than $800. Someone told me that Honda 4kw unit is over $2k. I'm shopping for the Coleman (and a muffler. They are very, very loud)

Regards
Pete
KS4XG

3303. Need FT470 Help

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: astein@chewy.mmrrcc.upenn.edu
Message-ID: <51p70l$qd1@netnews.upenn.edu>
Source record: 216572
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I've misplaced my FT470 manual and have forgotten how to use this rig.
Is there a cheat-sheet (summary sheet) for common operations and settings
available on-line or otherwise?

Thanks,

Al, KA2ZBA

3304. ARASNE Special Event Station

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: dfinley@newshost.aoc.nrao.edu
Message-ID: <51p2ou$493@orion.aoc.nrao.edu>
Source record: 216573

KD1HZ, Vice-President, ARASNE, Posted:

Operating under the club's callsign, W1AQ, the special event station will operate from 1300Z (9AM local time) Saturday until 2300Z (7PM local time) on Sunday evening. Expected frequencies of operation include 3.860, 7.225, 14.280, and 21.300.

WHAT, MICHAEL??? These are all frequencies in the PHONE BANDS! Do you have something against CW?

Dave, N1IRZ

3305. Re: Internet via Ham Radio?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: az736@freenet.uchsc.edu
Message-ID: <51pc0g$c25@tali.UCHSC.edu>
Source record: 216574

Andre (earthspy@concentric.net) wrote:
: I read somewhere that the Ham community was considering putting the
: Internet on Ham Radio (probably using a system like AMTOR). Is there
: any news on this? I imagine it could be done although there would be
: many problems to face. I've been HAM for 45 years and I know that there
: is no problem too tough for HAMS to solve.
: 73,
: Andre, W2WHE

Well, just because a thing is do-able, does
not mean it should be done. <g>

--
Marvin L Jones | Denver, Colo: az736@freenet.uchsc.edu
Jonesy | Gunnison, Colo: jonz@rmii.com
W3DHJ | CompuServe: 72103,443
| snail-mail: 81230-1371

3306. Info on MLA-2500?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: radio@copland.udel.edu
Message-ID: <51oj33$5me@copland.udel.edu>
Source record: 216575
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Would you happen to know anything about the MLA-2500 amp?
Specs, what it has for finals, approx. value, pros and cons?

Please e-mail directly to rgp@hamradio.com

Thanks, Bob WN3K

3307. Looking for extended keyboard info on FT-51r.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: benb@bcfreenet.seflin.lib.fl.us
Message-ID: <324244a2.3500553@news.icanect.net>
Source record: 216576

I know that the FT-51r has extended software controls, such as the
power level of each setting, squealch, and some others. I found it
by accident. But don't know how to get back there or the parameters
for setting them. Any help out there?
73's from
Benjamin Blavat, kf4kjf@mailhost.net
webphone, PGPhone

3308. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDxxypv.IKo@netcom.com>
Source record: 216577

Bryan King (kingbp@ka1fqt.mv.com) wrote:

: Learning CW was how I earned my ticket in 1980 and how I communicated on
: HF for 10 years. If the FCC had recertification tests every 3 years for
: radio amateurs, I'd still pass it at 13 WPM, no problem. As a matter of
: fact, I think CLASS recertifications are a great idea!! Test theory and
: code and perhaps introduce some new updated theory at the same time. What
: better way to keep a pool of skilled technical talent current on the
: latest technology, regulations and theory?

You make a good point, about introducing new theory in recertification exams. Perhaps retesting every five years. With the question pool changing every four years, require that the recertification exam be taken within one year of the date that the appropriate question pool changes.

I'm going to take the written exam for Extra on Saturday. Yes, I read the ARRL book from cover to cover, and have done several closed-book practice exams, including three exams that covered all 400+ questions in the pool. Still, the Extra exam is too easy. Two of the four answers are utterly ridiculous, if one has read and understood the material in the book, and there aren't that many questions where it's difficult to choose the better of the remaining answers to a given question. We definitely need a more difficult exam at the top end, if obtaining an Extra class license is to continue to be an accomplishment.

73 de Jim - KF6CR

3309. Re: ARASNE Special Event Station

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: n7ory@primenet.com
Message-ID: <51pj4m$8f1@nnrp1.news.primenet.com>
Source record: 216578

dfinley@newshost.aoc.nrao.edu (Dave Finley) wrote:

>WHAT, MICHAEL??? These are all frequencies in the PHONE BANDS! Do you
>have something against CW?

>Dave, N1IRZ

So, when did they change the rules banning CW from phone sections of
amateur bands?

(GRIN)

Rob Neff (N7ORY)

3310. WEBSITE UPDATE

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: rdale@pacbell.net
Message-ID: <51p2pu$7td@news2.snfc21.pacbell.net>
Source record: 216579

```
WebSite Updated, Check it out

New Links to:

DX & Contest WebSites
Up Coming DXpeditions
DX Bulletins and Updates
OH2BUA's On line DX Packet Cluster
Vanity Call Signs issued by District
Personal Ham Pages on the Web

If you have any links that you think would
be of interest, drop me e-mail- -Amateur Related
only please.....

.
```

3311. Re: Alpha Bravo phonetics: the quickie version

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: ejones@hooked.net
Message-ID: <ejones-1809961248220001@206.80.6.11>
Source record: 216580
Cross-posted to: alt.usage.english,sci.lang,rec.radio.amateur.misc

In article <50pj8h$c9e@lyra.csx.cam.ac.uk>, Brian.Kelk@cl.cam.ac.uk wrote:

> Phonetic Alphabets (Alpha Bravo etc)
> (brief version)
>
> There is a widely known alphabet Alpha Bravo ... Yankee Zulu.
============

Excellent! I enjoyed your post very much.

Why did we change from the Able, baker, charlie, etc. to
Alpha, bravo, charlie, etc.

The changes seemed rather arbitrary. On the average we added syllables:

Fox to foxtrot
Nan to November
Queen to Quebec,

but not in all cases:

George to Golf
Mike remained Mike.

What was the reason for changing?

regards,

earle
=====

__
__/_\
/_\/_/
\/_/_\ earle
\/_/ jones

3312. RMG-ON-LINE

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: rmgvet@aol.com
Message-ID: <51pkn1$ljk@newsbf02.news.aol.com>
Source record: 216581

For the benefit of new readers, the web site of the UK Repeater Management Group is at:
http://members.aol.com/rmgvet/rmg.htm

73
Colin GM8LBC

3313. Help with Icom to Kenwood adapter

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: Dick Chapman <dchapman@bmc.com>
Message-ID: <32403A59.7F77@bmc.com>
Source record: 216582

Does anyone have a circuit to interface Icom-style HT speaker/mic
connections to Kenwood-style? I need to use a Kenwood in an Icom
environment, and I'd just as soon not re-invent the wheel.

Thanks much,

-Dick

Dick Chapman, Houston, TX
dchapman@bmc.com
"Maybe someday we will find...
That it wasn't really wasted time." -The Eagles

3314. Re: Learning/Improving CW Skills

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: dfinley@newshost.aoc.nrao.edu
Message-ID: <51p2ds$486@orion.aoc.nrao.edu>
Source record: 216583

Lindsay, WA4ISZ asks, regarding my post that:

Bill is absolutely correct that mnemonic devices are an impediment to
developing true proficiency. However, tapes, too, should be avoided, as
should slow code. Yes, no one should even think about learning code
at 5 wpm if they EVER want full HF privileges.

For details see the article at URL:

http://hawk.nmt.edu/bateman/sara/finley.morse.html

Dave,

I presume that by "slow code" and "5 wpm" you mean 5 wpm at a CHARACTER
speed of 5 wpm. I see nothing wrong with learning 5 wpm code if the
character speed is, say, 13 wpm.

NO, I don't mean a 5 wpm character speed. I mean overall sending speed
of 5 wpm. Characters should be learned at no less than 18 wpm and
code should be learned at an overall speed of no less than 15 wpm.
What is wrong with learning 5 wpm code is that is condemns the student
to a long, unnecessarily frustrating and painful experience in trying
to get above 10 wpm later. Read the above-referenced article.

73,

Dave, N1IRZ

3315. MRAC-VEC home page now open

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: mjfalk@omnifest.uwm.edu
Message-ID: <51poid$43q@omnifest.uwm.edu>
Source record: 216584

Hello to all fellow amateurs and prospective amateurs...
If you're interested in upgrading your license or getting your first license, and you live in Southeast Wisconsin, please stop by http://ods.ods.net/ketchup/mrac.htm. There is info on where and when test sessions are given by the Milwaukee Radio Amateur Club's VEC.

73 to all.
Michael J. Falk/AA9RK

3316. Help ! Looking for a narrow - 220 Mhz amplifier !!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: Ted
Message-ID: <51pkih$rhd@hil-news-svc-2.compuserve.com>
Source record: 216585

Hi,

This is my first visit in this newsgroup.
I'm looking for a very narrow band RF amplifier for 220 Mhz, and if posible
a good sensitivity.

Thanks in advance !

Ted
- email : 73473.1753@compuserve.com

3317. FS: ICOM R7000A

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: DK Anderson <DIARRA@worldnet.att.net>
Message-ID: <324067B5.14B1@worldnet.att.net>
Source record: 216586

FOR SALE:

ICOM R7000A VHF/UHF Receiver - New in box. Unit purchased from a liquidation sale. If you could buy one new it would cost over $1500.00. My unit priced to sell quickly at $1100.00 or o.b.o.

Please reply via e-mail.

3318. Uniden 2600 tones

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: kj7az@coffey.com
Message-ID: <51pqlo$no@news.tcd.net>
Source record: 216587

Can anyone E-Mail me the settings for the dips for the tone encoder on the Uniden 2600? Lost my docs somewhere.

73 Tim/KJ7AZ

kj7az@coffey.com

3319. Special Event Station, Oct. 19, 1996

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: Russell Chandler <rhchan@tsquare.com>
Message-ID: <Pine.LNX.3.95.960918183944.1710A-100000@tsquare.com>
Source record: 216588

Yorktown, VA. Williamsburg Area ARC, KE4YVV,
1440Z - 2100Z Oct. 19, 216th. Anniversary
of Cornwallis Surrender, 3.870 7.270 14.270
18.150 21.350 24.950 28.350, Certificate,
Hershel Kreis, 145 Sand Hill Rd, Williamsburg,
VA 23188-6609

3320. Re: Internet via Ham Radio?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: Andre <earthspy@concentric.net>
Message-ID: <3240AEEE.1857@concentric.net>
Source record: 216589

Marvin L. Jones wrote:

> Well, just because a thing is do-able, does
> not mean it should be done. <g>
>

Why not? There should be an alternate means to keep the internet going without phone lines. The Internet is the only public place where there is no censorship and the world needs such a place. Maybe HAM radio is not the place for it but surely the HAM community can devise a system for it. The cable companies are already talking about putting it on cable but I would like to see a non-commercial place for it. The cellular phone industry with their network of repeaters is also talking about making it available so why not HAM radio?

3321. TV60 Broadcasters QSO Party

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: Chris Packman <Chris@xdinet.demon.co.uk>
Message-ID: <19960918.233431.52@xdinet.demon.co.uk>
Source record: 216590

A gremlin crept in somewhere along the way with my posting of the rules for this event.

The 14Mhz SSB frequency will be 14.18Mhz NOT 14.38Mhz which is out of band.
** **

All other freqs remain as published

73 Chris G6XDI
--
chris@xdinet.demon.co.uk http://www.xdinet.demon.co.uk/
Ariel Radio Group News Pages http://www.xdinet.demon.co.uk/ARG/

3322. Re: PRO - CW !!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: Joesph Fenn <jfenn@spartacus.hula.net>
Message-ID: <Pine.OSF.3.93.960918131827.30005K-100000@spartacus.hula.net>
Source record: 216591

On 17 Sep 1996, Jari Jokiniemi wrote:

In article <323B7D1D.134C@wolfenet.com> Rick Perry <kg7a@wolfenet.com> writes:
operation. Why does it have to include ham radio? What about tradition?
Ham radio has a great tradition and CW is part of it. Things like

That is a fancy way of saying: 'You have to do it because I did it'.
--
Jari Jokiniemi, jari.jokiniemi@tekla.fi, OH2MPO, OH3BU
Tekla Oy, Koronakatu 1, 02210 Espoo, 90-8879 474

Amen Jari. Your right and I am with you all the Way. CW is a part of
RADIO and should always be a part of it notwithstanding all the detractors
of same.
Kilroy has spoken!!!!!!!.

3323. ac distribution system

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: Joesph Fenn <jfenn@spartacus.hula.net>
Message-ID: <Pine.OSF.3.93.960918132335.30005L-100000@spartacus.hula.net>
Source record: 216592

Have often been curious how our AC power line grid works in USA. I think
it use to be something like 2000 volts or 2200 volts ac were routed on 2
hi tension wires to all the poles in an area, then poll transformers were
placed every so many homes apart to transform the 2200 volts down to
240 VAC with a center tapped secondary. The center tap of course went
down the pole to earth/ground. Each home then had 2 115 vac lines
coming to the house and a common (which was from the center tap on the
pole transformer and grounded. Is that the same way today? I once
knew a guy who used those pole transformers for his HV power supply for
hie 1kw 160 neter rig in Kokomo, Indiana. He ran the 120VAC into the
secondary and came out with about 2200 VAC on the primary which he
rectified and filtered for his 1 KW rig. I think he used the same
pole transformers as modulation transformers. Why pole transformers
you ask? He worked for the Kokomo Power company and got em for free.
His power supply stretched all the way accross the room in a chicken
coop and has a 204A as his final amp. It was a huge bottle about
5 feet high and you had to stand on a kitchen chair to reach the plate
cap. One for the radio club hs wrapped a soldering cord around his
arm then drew an rf arc off the 204A and the arc stretched out to about
4 inches or so. What a demo that was. He hs those big mercury
rectifiers in his pwr supply and with key down and modulating the 1 kw
on 160 meters, those suckers flickered and blinked so that the whole
chicken coop lit up like something from the Frankenstein movie.
Gess we will never see hose days again (that was back in 1937).
Joe Fenn KH6JF (aka kilroy)

3324. Need info on Nicad Rebuilders

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: payne@iquest.net
Message-ID: <Dxy8J4.K44@iquest.net>
Source record: 216593

Anybody have the number/address of Cunard Associates, or any
other decent rebuilder of HT Nicad packs? Please email or post.

TNX 73,
Don WB5IQV
payne@iquest.net

3325. Re: Liste des relais 2m en France??

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: Carolyn S & James C Krogness <csjckrog@3-cities.com>
Message-ID: <32409A7C.5421@3-cities.com>
Source record: 216594

rmoret@bitmailer.net wrote:
>
> Quelqu'un pourrait-il me faire parvenir la liste des relais (repeteurs)
> en France ? Merci de me laisser un mail a rmoret@bitmailer.net.
>
> 73's

Mon mari et moi visiterons France en mai 1997. Il est un ham radio
operateur et voudrait cette liste aussi. Avec nos remerciements
anticipes, Carolyn, YL de KJ7QX

3326. Re: Liste des relais 2m en France??

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: Carolyn S & James C Krogness <csjckrog@3-cities.com>
Message-ID: <32409ABE.4261@3-cities.com>
Source record: 216595

rmoret@bitmailer.net wrote:
>
> Quelqu'un pourrait-il me faire parvenir la liste des relais (repeteurs)
> en France ? Merci de me laisser un mail a rmoret@bitmailer.net.
>
> 73's

Mon mari et moi visiterons France en mai 1997. Il est un ham radio
operateur et voudrait cette liste aussi. Avec nos remerciements
anticipes, Carolyn, YL de KJ7QX

3327. Re: PRO - CW !!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: Rick Perry <kg7a@wolfenet.com>
Message-ID: <3240AE40.7F91@wolfenet.com>
Source record: 216596

Joesph Fenn wrote:
>
> On 17 Sep 1996, Jari Jokiniemi wrote:
>
>
> In article <323B7D1D.134C@wolfenet.com> Rick Perry <kg7a@wolfenet.com> writes:
> operation. Why does it have to include ham radio? What about tradition?
> Ham radio has a great tradition and CW is part of it. Things like
>
> That is a fancy way of saying: 'You have to do it because I did it'.
> --
> Jari Jokiniemi, jari.jokiniemi@tekla.fi, OH2MPO, OH3BU
> Tekla Oy, Koronakatu 1, 02210 Espoo, 90-8879 474
>
>
> Amen Jari. Your right and I am with you all the Way. CW is a part of
> RADIO and should always be a part of it notwithstanding all the detractors
> of same.
> Kilroy has spoken!!!!!!!.
Mr. Fenn

Would you kindly explain that response. I wrote the posting and don't
have a clue what you mean.

Rick, KG7A

3328. Coax cable lenght

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: Andre Brandao <l42303@alfa.ist.utl.pt>
Message-ID: <Pine.OSF.3.91.960918163230.6981A-100000@alfa.ist.utl.pt>
Source record: 216597

Hi

I've been a SWL for four years and now I made the exam and I can
transmit: it's time to put an antenna on the roof of my building so I've
some questions which I would appreciate you answer me.
Is a 50 ohm coax cable ok for that? Would there be many losses of
signal considering the 250ft cable lenght? If afirmative what could I do
to correct it?
Is an antenna tuner needed considering that the antenna (dipole) is cut
to the desired frequency?

Thank you very much, Andre Brandao, CT2GGD

****
* *
* Andre Brandao *
* E-mail: l42303@alfa.ist.utl.pt *
* or acrbb@camoes.rnl.ist.utl.pt *
* *
****

3329. IPS Daily Report - 18 September 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <51q04g$453@flare.syd.ips.oz.au>
Source record: 216598
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 18/2330Z SEPTEMBER 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE AUSTRALIAN SPACE FORECAST CENTRE
SUMMARY FOR 18 SEPTEMBER AND FORECAST FOR 19 SEPTEMBER - 21 SEPTEMBER

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 69/3

GOES satellite data for 17 Sep
Daily Proton Fluence >1 MeV: 1.6E+06
Daily Proton Fluence >10 MeV: 1.7E+04
Daily Electron Fluence >2 MeV: 5.4E+08 (high)
X-ray background: A1.3
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
19 Sep 20 Sep 21 Sep
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 19 Sep: 69/3

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Unsettled to active

Estimated Indices : A K Observed A Index 17 Sep
Learmonth 15 3234 4232
Fredericksburg 22 8
Planetary 15 6

Observed Kp for 17 Sep: 3202 1212

2B. MAGNETIC FORECAST
Date Ap Conditions
19 Sep 13 Unsettled
20 Sep 15 Unsettled
21 Sep 16 Unsettled
COMMENT: Geomagnetic activity is expected to increase over the
next 7 days, with active to minor storm levels probable during
interval 23-26 Sepetember.

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band
Date Low Middle High
18 Sep Normal Normal-fair Fair
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
19 Sep Normal Normal Fair
20 Sep Normal Normal Fair
21 Sep Normal Fair Poor
COMMENT: HF conditions at high latitudes are expected to degrade
over the next 7 days.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
18 Sep 1

Observed Australian Regional MUFs:
Darwin: 15-30% depressed for the period 0000-0500UT,
otherwise near predicted monthly values.
Townsville: 15% depressed for the period 0000-0300UT,
otherwise near predicted monthly values.
Sydney: 15% depressed early in UT day, then
near predicted monthly values
Hobart: 15% depressed for daylight hours,
otherwise near predicted monthly values.

Predicted Monthly T index for September: 9

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
19 Sep 5 near predicted monthly values
20 Sep 5 near predicted monthly values
21 Sep 5 near predicted monthly values

--
IPS Radio and Space Services | email: asfc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/asfc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
tel: +61 2 94148300 | fax: +61 2 94148331

3330. Re: Info on MLA-2500?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: "Anthony C. Cash" <tonycash@worldnet.att.net>
Message-ID: <3240B0D5.139A@worldnet.att.net>
Source record: 216599
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Robert Penneys wrote:
>
> Would you happen to know anything about the MLA-2500 amp?
> Specs, what it has for finals, approx. value, pros and cons?
>
> Please e-mail directly to rgp@hamradio.com
>
> Thanks, Bob WN3K

Hello Bob,
I have been running an MLA-2500 for several years now.(although I am not a heavy user) I would say that I am a LIGHT user of the HF bands and I don't run the amp except when I need it.
I have never had any problem with the MLA-2500.
It will give me 1500 watts out on all bands with 100 watts drive and that's with less than 100 mills of grid current.
The only problems that I have heard of with the MLA-2500 is that you need to be very careful and not exceed the 200 ma grid current rating.
The MLA-2500 uses a pair of EIMAC 8875's.
The tubes are quite expensive these days so I hope mine last forever. I would guess I have had mine for 10 years now and it still has full output. I haven't seen any change sense the first time I ran it.
73 and Gud DX
de Tony (KD4K)

3331. Vanity Call Info needed Gate 2

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: T E I X E I R A <teixeira@ccnet.com>
Message-ID: <51p7bn$871@ccnet2.ccnet.com>
Source record: 216600

The FCC sent me a form 610V but not the instruction sheet with infoon where to send it. Can anyone supply me with this info?

Don AC6TG

3332. Re: re who enjoys cw

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <51od3l$a9g@news.Hawaii.Edu>
Source record: 216601

In article <51hnc5$t2l@news.ais.net>, <carl@ais.net> wrote:
gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>>Perhaps that's how to clean up CB, we'll cut up some Morse
>>conditioned amateurs and feed them to the CBers. That will
>>then somehow make them morally superior beings as well.)

>First modern use for "Morse conditioned amateurs" I've ever heard of ...
>too bad it's illegal ... :-)

I find it amazing how much hostility you boys have toward code ops.
It's eating away at your insides; you'll both be in pain with ulcers
and we'll still be pounding out the code. There's some poetic justice
buried in this somewhere.

KH2PZ

3333. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <51oddp$al1@news.Hawaii.Edu>
Source record: 216602
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <51i0av$sv3@bashir.peak.org>, Bill Nelson <billn@PEAK.ORG> wrote:
>Hm. Maybe we should also set up a 25 KHz SSB window next to it. After all,
>SSB is also dying - with the shift being to digital. The same should be
>done for FM.
>
>Then, we can isolate ALL those who are not willing to experiment with
>new technology.

Good idea, Bill. Let's start with 2M. Limit FM to just the upper 25 kHz,
147.975 - 148 MHz.

KH2PZ

3334. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <51pgqo$399@news.Hawaii.Edu>
Source record: 216603

<carl@ais.net> wrote:
>Why is the primary focus on testing ALWAYS as a means to "limit access
>to the HF bands" ???

Because, unlike V/UHF which can accomdate millions of folks due to its short range characteristics, if one so much as sneezes on HF he could possibly be heard half-way around the world. That 3.75 MHz we've been awarded does have an upper boundry in regard to the number of ops that can be accomdated.

You'll argue that if everyone used the latest fad mode we would have room for an unlimited number of folks; but you refuse to face the reality that we're not all going to shift to your mode of choice. You're guilty of espousing that ("you *must* use my mode") which you've condemed ("why *must* I learn the code?")

One wonders why you're not chastising the SSB crowd for their wide-bandwidth mode - uses more than CW.

>We need more people, not less ... but yes, they should be qualified to
>safely operate radios without hurting themselves or others, and without
>causing harmful interference to other services ... that's all.

You say we need more people on HF but you don't even have HF privileges (do you even own an HF rcvr?). And RF safety is *not* enough. We're the only radio service privileged to build and modify radio equipment; much more knowledge of electronics is needed than you are proposing.

Jeff KH2PZ / KH6

3335. Re: ARRL "Representation" on code and other issues ++

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <51pf8j$290@news.Hawaii.Edu>
Source record: 216604
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

Alex VonYonkers <vicalex@Gramercy.ios.com> wrote:
>But when they can-t (sic) use THEIR equipment to call in for a pizza
>there in no (sic) much incentive to build new infrastructures
>on top of the aging ALOHA.

"Aging hello"? Never heard of that before.
KH2PZ

3336. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: carl@ais.net
Message-ID: <51nf04$6jd@news.ais.net>
Source record: 216686
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In <51ktv3$oqn@news1.ucsd.edu>, brian@nothing.ucsd.edu (Brian Kantor) writes:
>In article <51hfct$pjm@news.ais.net> carl@ais.net writes:
>>protocols and so forth .... the TCP/IP protocols are the defacto
>>standard for interoperability and AX.25, ROSE, NETROM, and any other
>>TNC-based kluges should be abandoned
>
>Uh, waitaminit. IP has to be carried by SOMETHING from router to router,
>or host to host. Casting it into the wind in raw form doesn't work real
>well.
>
>You want a reliable link protocol to carry IP; right now AX.25 does this
>as well as anything else we have. Certainly there are BETTER ways to do
>it and the rules shouldn't specify what, but don't confuse one level of
>the protocol with another!
>

Brian,

As I said in my reply to Gary, I was trying to infer the use of a suite
of internet-compatible protocols ... I realize that TCP and IP need a
layer 1 and a layer 2 ... I don't particularly like some aspects of
AX.25 and feel that it should not be a government mandated link layer
.. that's more accurately what I meant to say ...

>The advanced ham networking people have been seriously discussing using
>PPP over connected-mode AX.25 as an entry-level protocol stack, and
>there are a number of good reasons for doing so. For the casual ham
>users, this isn't bad. At 9600 bps, it'd work acceptably well for
>a lot of occasional dabblers in digital ham radio.
>
>Nothing works well at 1200 bps and slower. Carrier pigeon would be faster.
>

Agreed ...

>The ham network, if it ever is to exist, will require something better
>than 9600, of course.
>

Agreed again ...

Carl - wa6vse
carl@ais.net

3337. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: carl@ais.net
Message-ID: <51nfnh$6jd@news.ais.net>
Source record: 216687

In <51m26p$lkv@anomaly.ideamation.com>, kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:
>In article <51kqn0$kmt@news.ais.net>, <carl@ais.net> wrote:
>
>>We need more people, not less ... but yes, they should be qualified to
>>safely operate radios without hurting themselves or others, and without
>>causing harmful interference to other services ... that's all.
>
>Well Carl, you just made the case for a "no code, no theory" examination.
>If the only purpose of the test is to "safely operate radios" and not
>cause harmful interference, then you can boil the entire 5 technical
>examinations we have today down to a single 10-question multiple-choice
>exam.
>
>MD

Mike, youe mastery of the rediculous is astounding ...

To assert that a 10 question multiple-choice exam would be a meaningful theory test capable of demonstrating that one had the necessary technical knowledge and competence to safely operate (let alone build) a wide variety of ham radio gear, including things like 1500W linears with HV power supplies, etc. and also to be able to recognize and prevent harmful interference is simply absurd!

But, then again, that shouldn't surprise anyone, 'cause you've consistently demonstrated that you excel in absurd.

Carl - wa6vse
carl@ais.net

3338. Re: Code / No-Code, I think you ALL are a bunch of freaking morons.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: cRiTTa66@shadow.net
Message-ID: <323f42bb.9551315@news.shadow.net>
Source record: 216688

boy are YOU going to be flamed..

JackAss

On Sun, 15 Sep 1996 21:26:05 GMT, dbrooks@cisnet.com (Don Brooks)
wrote:

>Get a life. Who cares. You like code, you use code. You don't like
>code, don't use code.

3339. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: carl@ais.net
Message-ID: <51nhm2$6jd@news.ais.net>
Source record: 216689

In <51mbd1$7mp@altair.cs.unc.edu>, nick@cs.unc.edu (Nick England) writes:
>
>OK, I now understand that Carl is NOT someone proposing better technical
>testing in lieu of a CW test - he essentially believes an appliance
>operator's license is the way to go. That way his technical buddies
>won't have to learn that nasty old CW and his non-technical buddies won't
>have to learn CW *or* that nasty old radio technology.
>

I HAVE BEEN saying that the technical tests need to be made more
comprehensive and meaningful ... I've said that over and over again ...
I DO NOT support an "appliance operator's license" ...

However, the purpose is not "to keep people out" (so the bands won't
"be too crowded") ... the purpose is to assure that people are
sufficiently competent in the *relevant* skill necessary for safe
and interference-free operation ... not to support a government-mandated
fraternity hazing ...

>Well, I can't believe adding Carl's good buddies to the bands will
>do much to improve ham radio, so how about hearing from someone who
>seriously proposes tougher technical testing for advanced privileges?
>

Watch it with the "Carl's *good buddies*" inuendo ... I am NOT in favor
of a CB-like ham radio ... but the code does not keep out the "10-4
good buddy" types, either ...

>I'd be glad to see lots more people on the air - lots more technically
>qualified people. And I think there are a batch of idiots already
>on HF who should be re-tested too.
>

I agree with you 100%+++ on that one ... I could support some sort of
scheme for retesting for license renewal ... I'd also like it if we
could find a way to rid ourselves of sociopaths who jam, shout
obscenities on the air, etc.

>Why the emphasis on limiting HF access, then ? Not to keep
>people out, but to serve as a carrot (incentive) to people to learn
>more about ham radio operation and ham radio technology. HF access is
>clearly such an incentive, otherwise there wouldn't be so many folks
>clamoring to be given a license.

Yes, but the only thing emphasized right now for HF access is code ...
to get totally unrelated priveleges, you have to demonstrate faster and
faster code speeds ... rediculous ...

Nick ... I think you missunderstood me ... I don't think we have very
different opinions at all ...

73,
Carl - wa6vse
carl@ais.net

3340. Re: Thanks Carl

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: carl@ais.net
Message-ID: <51ni59$6jd@news.ais.net>
Source record: 216690

In <51do8l$qev@krypto.zippo.com>, cecilp@magic.bunt.com (Paul Cecil) writes:
>
>I am sorry Jerry but I am not convinced. You use the phrase "Code
>Nazis" to describe the pro-coders, but I view the code as the
>TANSTAAFL. "There ain't No Such Thing as a Free Lunch" There must be
>some way of making someone earn the right to be a HAM. I see the code
>as the final hurdle to graduation.You, Carl, and the others may be
>right that the Code will go away. But what do you intend to use as a
>final hurdle. If you give away the Amateur Radio License then why
>should anyone respect it.
>

I respect my license ... and I earned it ... however, I did not think
the CW test was a valid "requirement" then, nor do I now ... I actually
would respect my license more, had the theory part of the test been the
least bit challenging ... the code part earned no respect ... it was
simply a pain in the ass and a waste of my time ...

>
>And somewhere I remember being told that "that which is not earned but
>given freely away has no value."
>
>Do not devalue our Ham License by giving it away, Please.
>

Nobody who is advocating the elimination of the CW testing requirement
is saying "give the license away to anyone" ... what we are saying is
that more meaningful technical tests should be given to EVERYONE ... and
that the CW requirement should be dropped because it is no longer seen
as relevant by huge numbers of current and prospective hams ...

Not a "free lunch" ... more like get your driver's license by taking a
driving test, rather than proving that you can saddle a horse ...

Please reconsider the issue with an open mind in light of the above ...

Carl - wa6vse
carl@ais.net

3341. Re: the final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: carl@ais.net
Message-ID: <51nj0l$6jd@news.ais.net>
Source record: 216691
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <323C7064.2A60379E@cyclades.com>, "Paul Christenson [N3EOP]" <paulc@cyclades.com> writes:
>Tim wrote:
>
>> Wrong, The code can be heard farther than ANY other means of
>> communication with the least power.
>
>Nope. Wrong. Incorrect. An unmodulated carrier (a beacon) has that
>distinction. Once you modulate it, it increases the bandwidth (i.e.
>power needed). Of course, the amount of information it can carry is
>quite limited.
>

Paul,

Even an unmodulated carrier cannot be detected at levels at which
properly coded digital signals can be quite effective at conveying
useful information ...

Properly coded signals can "combat" and "avoid" the noise by trading
bandwidth and redundancy for (post-detection) s/n ratio, whereas the
unmodulated (or OOK'd) carrier will still be received in a finite
bandwidth, so it will always have noise to contend with ... as you
reduce the bandwidth arbitrarily to lower the noise floor, the amount
of information you can convey is proportionately reduced ...

Otherwise, your observations on the general ineffectiveness of
CW transmissions appear to be quite correct ...

Carl - wa6vse
carl@ais.net

3342. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: Bryan King <kingbp@ka1fqt.mv.com>
Message-ID: <DxwonG.Cty@mv.mv.com>
Source record: 216692

> I agree ... I really would love to find out how many of the "keep the
> code" folks ... many of whom long ago retired the key in favor of the
> mike ... would lose their privleges if they were suddenly called in for
> retesting ...
>
> Carl - wa6vse
> carl@ais.net
>
>

I've been a ham for over 16 years, I'm 31 years old and I enjoy CW. Sometimes I come home from work and think, it would be nice to have a CW ragchew session on 80, 40 or 30 tonight.

True, CW does have lower throughput, but like handwriting a letter to someone, it forces you to think about what you are going to say before putting it to the medium that you are conveying the message through.

Learning CW was how I earned my ticket in 1980 and how I communicated on HF for 10 years. If the FCC had recertification tests every 3 years for radio amateurs, I'd still pass it at 13 WPM, no problem. As a matter of fact, I think CLASS recertifications are a great idea!! Test theory and code and perhaps introduce some new updated theory at the same time. What better way to keep a pool of skilled technical talent current on the latest technology, regulations and theory?

If you cherish something bad enough, you'll do what it takes to keep it.

Working towards lowering the standards by which you must still retain those privileges does not improve the Amateur Radio Service, it has the opposite affect. CW serves a purpose which is to provide a challenge to those people who desire to earn the Amateur Radio License and the privileges that come with it. I don't know about you, but I enjoy a challenge.

Bryan
KA1FQT

3343. Re: Do we build? was(Re: ARRL SURVEY IGNORES 7 OF 8 WRC-99 ISSUES!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <51nmcd$4mm@cc.iu.net>
Source record: 216693

In <51hgp7$pjm@news.ais.net>, carl@ais.net writes:
>>Poor us. We're not a consumer, mass-market-driven radio service. I'm
>>sure Carl's employers are really disappointed they can't sell some hams
>>on the latest wizz-bang radio setup.
>Carl's employer wouldn't even take a first look at the ham market, let
>alone a second look ... if they're not *sure* they can sell *millions*
>of a product, they have zero interest in desigining/making it.
>Making products for the ham market is a "cottage industry" at best.
>

it's actually a case where in the old days, a universal radio was used for
all radio services. today, we have designed for purpose radios for just about
every radio service..to the point of no user serviceable parts inside.

as such, amateur radio becomes more of a speciality market since radios that
are "ham OK" aren't OK for other radio services.

it's not possible to have another "hit" like the Collins KWM-2 since the governments
and military folks want features not wanted, needed by amateurs...

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

3344. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <51no6o$56t@cc.iu.net>
Source record: 216694
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <51hlit$t2l@news.ais.net>, carl@ais.net writes:
>This is true as well ... I'd carry it a step further ... NO
>GRANDFATHERING ... I'd require all existing licensees to be retested to
>the new standards ... let's see of the CW olde fartz can "cuat the
>mustard!" This would not burden the FCC significantly, and would
>provide an opportunity to cull the SKs out of the license database ...
>no retest, no license ... dead or alive ...

this could be a bad thing -- do you want to cull out a significant number
of amateurs that are currently in the body count? sure, it'd be good to know
exactly where we stand on population, but now's probably not the time
to do it.

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
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3345. Re: BULLETIN: 14 Year Old Sailor Not Heard in 3 Weeks

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <51nn6t$4mm@cc.iu.net>
Source record: 216695

In <51k9meINN3e9@network.ucsd.edu>, brent@network.ucsd.edu (Brent Jones) writes:
>In article <323abed1.36696011@news.syspac.com>, dnorris@k7no.com (Ohrstal
>Fembrock) writes:
>>Well, he sailed into SF Bay Friday in good health and great spirits.
>>
>>Congrats to him.
>
>Am I the only one here who thinks that a solo sailing of the ocean by a
>*14* year old is pretty stupid, and doesn't deserve a congratulation?
>It seems to say a lot about his parents, if in fact he has any who
>care about him... Sure, lets encourage other children to risk their
>lives for a little bit of attention.
>Brent

brent, ever been out in the ocean in a small boat? i know there are people
that are 4x his age that couldn't make that trip..

and you're coming across as a "safety nazi"...don't do anything that isn't 100%
safe. leads to things like ladders that would permit a 200 pound man to change
the lights on a porch being too large to fit in the space between the porch and
the overhang.

you can't get a five gallon pail these days that isn't covered in warnings about
how a small kid could drown in one.

evidently, the kid's a pretty good sailor to make it. i'd suggest laying off a bit.
who knows? maybe he even has the judgement to know when not to go as well
(unlike a recent unfortunate event with a small kid and transportation..)

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
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Companies succeed in spite of their best effort. If they succeed at all.

3346. WA State Patrol CANCELS radio regulations

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: vbook@vbook.com
Message-ID: <51nnvc$8c8@kanga.accessone.com>
Source record: 216696
Cross-posted to: rec.radio.scanner,wash.general,rec.radio.amateur.misc

I just had a phone call today (9/17) from Washington State Rep. Brian Thomas who spoke with State Patrol Capt. Tim Ericsson (just guessing on spelling) regarding the State Patrol's proposal to regulate all radios in vehicles and requiring certification of all mobile radios by the state Patrol.

As a result of many letters received, the State Patrol is cancelling the Oct 9th hearing and will go back to the drawing board. The purpose of the rule was intended to be confined to mobile cellular telephone installations. They received a lot of feedback and realize that their proposal was wrong and needs to be thought through and redrafted in a more appropriate manner.

Ed Mitchell, KF7VY
Ham Radio Online
http://www.hamradio-online.com

Ed (KF7VY) and Kim (N7VPL) Mitchell
email to vbook@vbook.com
Visit Ham Radio Online, it's free! at
http://www.hamradio-online.com

3347. New-- Logbook/Award tracking program for Windows 95 - Demo

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: iancamp@io.org
Message-ID: <51noda$5n@news1.io.org>
Source record: 216697

Anyone interested in helping me out by evaluating a demo copy a Logbook and Award tracking program ?

I have written a small program for Windows 95 and would like some help from anyone who will take the time to look at it and give me some ideas and thoughts for the program.

Please Email me and I will send you back a ZIP file with the program as an attachment. Please... only respond if you will truly take the time and evaluate it for me. There is a readme file in the ZIP that tells the story.

If you are interested, please Email me at:

iancamp@io.org OR iancamp@interlog.com

Thanks and 73...
Ian Campbell
VA3IC

3348. Re: WA State Patrol CANCELS radio regulations

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: matt223@mailbag.com
Message-ID: <51nrea$d1s@grandcanyon.binc.net>
Source record: 216698
Cross-posted to: rec.radio.scanner,wash.general,rec.radio.amateur.misc

vbook@vbook.com (Ed Mitchell) wrote:

>I just had a phone call today (9/17) from Washington State Rep. Brian Thomas
>who spoke with State Patrol Capt. Tim Ericsson (just guessing on spelling)
>regarding the State Patrol's proposal to regulate all radios in vehicles and
>requiring certification of all mobile radios by the state Patrol.

>As a result of many letters received, the State Patrol is cancelling the Oct
>9th hearing and will go back to the drawing board. The purpose of the rule was
>intended to be confined to mobile cellular telephone installations. They
>received a lot of feedback and realize that their proposal was wrong and needs
>to be thought through and redrafted in a more appropriate manner.

CONGRADULATIONS !!!

Democracy and the 1st ammendment live on.

Mark

The truth as I perceive it to be.
Your perception will be different.

3349. 1x1 calls - QSL info?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: jjhanso1@students.wisc.edu
Message-ID: <51nra9$2plq@news.doit.wisc.edu>
Source record: 216699

During a recent contest, I worked a number of 1x1 calls (mostly from the 6th call area).

What event was this for, and do you know where QSL info can be obtained from?

Tnx es 73 de N9LEA

3350. Re: 4-5 kw Generator Recommendations??

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: Rich Kucharik <kucharik@fast.net>
Message-ID: <323F7AD1.205F@fast.net>
Source record: 216700

I have a 4KW Coleman. It was purchased for emergency use.

Complaints:
1) VERY loud. Replacing the stock mufler with a larger one helped considerably but would not recomend running it at night if neighbors are close by.
2) voltage at light load is around 140V. Higher than I like.
3) Consumes more fuel than I expected. I have the model with the small fuel tank. Recommend the model with the larger one.

Complements:
1) Usually starts 3'rd or 4th pull after sitting in basement for 6 months at a time.
2) low oil consumption.

73 de Rich KE3HG

Doyle Souders wrote:
>
> I am interested in purchasing a 4-5 KW generator for our Radio Club.
> Its highest use will most likely be Field Day outings and some other
> emergency preparedness events. My question is which way to go? The
> local Home Depot sells 5KW Coleman generators for around $600 and it
> sells Honda 4 KW generators for around $800. I would like some reports
> on pros and cons for various 4-5 KW generators in the $500-$900 price
> range. Any points you could share on picking a reliable generator
> would be appreciated. Obviously it will not be running continuously
> but it could have periods where it does run 24-48 hours of near
> continuous duty. Thanks for the inputs.. Doyle KG6MY

3351. FS Icom IC-R71A Rcvr /SP-3/RC-11

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: "Mark A. Vargas" <mvargas@worldnet.att.net>
Message-ID: <01bba51f$cf080880$dad446c7@mark>
Source record: 216701
Cross-posted to: rec.ham-radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.swap

I have a Icom IC-R71A Short-wave receiver for sale with matching Icom
IC-SP3 external speaker and Icom remote control.
The rig is in exceptional condition, cosmetically no blemishes etc.
I am also including the infra-red remote controller model RC-11.

The package is $775.00
IC-R71A
IC-SP3
RC-11
COD only via UPS regular

Mark
KD2DI

3352. Re: the final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <51nrrl$5ha@cc.iu.net>
Source record: 216702
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <51ffh3$r5a@news.tcd.net>, kj7az@coffey.com (Tim) writes:
>My final comment is this, if we are going to loose the code, then I

that's "lose" not "loose" (you lose the game, she let loose the balloon..)

>say we make the cheat books illegal. Now Your Talking and all those
>other books with the questions and answers in them should be taken off
>the market. Make these guys at least earn their license and learn a
>little about Amateur Radio before giving them their ticket.
>Tim/KJ7AZ

so timmy, did you not use those books when you were studying up for the ol'
novice/tech/whatever license that was your first? you had to pass elements
2 and 3A somewhere along the way -- and NYT is the book that covers those
two elements.

you sound like those bowlers upset that the bowling game has changed from
wooden lanes and relatively homogeneous bowling balls to one with hard
synthetic alleys and balls with coverstocks designed to cut through the lane
oil and cores that have dynamic characteristics that are far from what one
might think is in there based on the static balance test the ball's required to pass.

yes, you can bowl with a black beauty and there are times when that's the
right ball, but most days the serious bowler benefits from the use of reactive
resin balls with cores that cause gyroscopic precession as the ball rolls down the
lane into pins coated with a golf-ball like plastic that make them more reactive
as well...on lanes that are virtually identical across the entire house.

get your ve ticket and start noticing the number of people that fail the exams...

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

3353. Re: Ham radio stores in Canada

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: f6ebn@amsat.org
Message-ID: <51o8uu$poq@wwwserv1.shell.nl>
Source record: 216703

Bruno Rosenthal <f6ebn@amsat.org> wrote:

>I'm going to Canada in 10 days. I'm looking for ham radio shops in
>Toronto, Ottawa, Montreal, Quebec (all cities on my trip).

Thanks a lot to all who gave me nice infos (either on that group or by
email)

73, Bruno

3354. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-18 00:00:00 UTC
From: andy@tiedye.com
Message-ID: <51o867$4hh@masters0.news.internex.net>
Source record: 216704
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <323F261D.404F@datasync.com>,
David Dees <Ratchet@datasync.com> wrote:
>Why dont all you cry babies just bite the bullet and admit you are too lazy
>to work at cw? nt4g dave

Because it isn't true.

Andy Nourse - KC1IP

3355. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1Dy06Bz.B4q@netcom.com>
Source record: 216356

In article <51si0m$12i@anomaly.ideamation.com>,
Michael P. Deignan <kd1hz@anomaly.ideamation.com> wrote:
>In article <1996Sep19.155347.8825@ke4zv.atl.ga.us>,
> Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>
>>>Well Carl, you just made the case for a "no code, no theory" examination.
>>>If the only purpose of the test is to "safely operate radios" and not
>>>cause harmful interference, then you can boil the entire 5 technical
>>>examinations we have today down to a single 10-question multiple-choice
>>>exam.
>>
>>If you really believe that's all the knowledge necessary to safely,
>>and without causing harm to others, operate amateur radios, then I'd
>>suggest you should put away your radios until you learn what is really
>>required to do so.
>
>How much "knowledge" is needed by CB folks to safely operate their
>radios.
>
>Now, granted, the power limits are a little different, but the same
>
>MD

Power is the BIG difference. 5w may tinkly your pinky,
100w will sear the skin off your hand if you touch the antenna.

I learned the hard way, though I thought I was safe. I was trying
to tune up a bigcatcher with an old deaf WWII field strength meter.
I had to put the meter within six inches of the whip to get it
to register (was sitting on a box to get above center loaded coil)

I reached up from below to turn adjust knob on meter while key stuck down
on 100w. Though the meter was six inches away, no direct contact, the
instant I touched the knob it seared a little round spot on my finger.
The allen screw holding on the plastic knob got me.

I decided at that point I was WAY to close.

You would probably see smoke from your flesh if you actually grabbed a
whip putting out 100w. God knows what would happen if it were 1500w.

3356. Re: 4-5 kw Generator Recommendations??

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: wb4yuc
Message-ID: <51s5a1$415@lex.zippo.com>
Source record: 216357

In article <51rlq6$j3s@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net says...
>
>
>>Doyle Souders wrote:
>>>
>>> I am interested in purchasing a 4-5 KW generator for our Radio Club.
>>> Its highest use will most likely be Field Day outings and some other
>>> emergency preparedness events. My question is which way to go? The
>>> local Home Depot sells 5KW Coleman generators for around $600 and it
>>> sells Honda 4 KW generators for around $800. I would like some reports
>>> on pros and cons for various 4-5 KW generators in the $500-$900 price
>>> range. Any points you could share on picking a reliable generator
>>> would be appreciated. Obviously it will not be running continuously
>>> but it could have periods where it does run 24-48 hours of near
>>> continuous duty. Thanks for the inputs.. Doyle KG6MY
>
>From the island of many generators we would definitly recommend the
>Honda. Quieter, much more reliable than the Coleman. In the last ten
>years I have seen as many broken Coleman generators as I have pretty
>girls, and we have a BUNCH of pretty girls here.
>
>73, Jim KH2D

You're not limited to those two manufacturers. Onan, Kohler, and Dayton
are other manufacturers.

73,
Bruce, WB4YUC

3357. A ProComm Plus Script to Control the AEA MemoryMaster Keyer

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: "Don L. Miller" <dlmiller@fishnet.net>
Message-ID: <32420055.754F@fishnet.net>
Source record: 216358

I have written a ProComm Plus Aspect script which is designed to be used
with the AEA MemoryMaster Keyer. You can download it at:

http://www.fishnet.net/~dlmiller/mm3.html

The MM-3 is a dandy device for learning the morse code. You can hook
it up to your computer and take advantage of its built-in QSO simulator
to prepare for your next upgrade. Everything sent by it will appear on
your monitor.

If you have your paddle plugged in, you can even talk back to the MM-3
during a simulated QSO. It will learn your callsign, your name and even
your QTH. The ultimate diplomat, the MM-3 will assume that any
inability
to copy your morse code is due to QRM rather than a "bad fist"!

The MM-3 also has the capability to send you random practice code
groups.

System requirements are:

ProComm Plus (DOS or Windows)
The AEA MemoryMaster Keyer (also called the MorseMachine or MM-3)
A IBM-Compatible PC with a VGA Monitor
The Serial Port Cable described in the MM-3 Manual
A paddle (Optional -- If you want to "talk back" to your keyer)

Installation instructions are included.
--
Don L. Miller
Internet EMail Address = mailto:dlmiller@fishnet.net
Packet Radio Address = N6ZUF@N6AHI.#SOCA.CA.USA.NOAM
Home Page = http://www.fishnet.net/~dlmiller

3358. Motorcycles<->Ham Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: Bill <bsplaine@sonic.net>
Message-ID: <324220F9.46F4@sonic.net>
Source record: 216359

There is a group in LA called MARC.. motorcycle amateur radio club. I am trying to get hold of the fellow who runs it. Anyone know of it? My real purpose is to find the location of a company called Electronic Times in the LA area that installs ham rigs on the cycles.

I'd appreciate any help... thanks, Bill/N6GHG
--

Bill Splaine-Healdsburg, CA
bsplaine@sonic.net

3359. Re: Alpha Bravo phonetics: the quickie version

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: aauerbac@mach1.wlu.ca
Message-ID: <DxzEI6.MA4@info.uucp>
Source record: 216360
Cross-posted to: alt.usage.english,sci.lang,rec.radio.amateur.misc

The principles of the phonetic alphabet are
-high penetrance (the sound gets through in adverse
signal/noise ratio environments)
-high distinguishability (no letter is easy to confuse with another)
-compatability with speakers of various native languages
-limited number of syllables (one or two, occasionally three)
-resistance to clipping (loss of signal of first or occasionally
last phoneme)

Compare the old ABLE with the new ALPHA and you'll see why the changes.

Al.

3360. A/V teacher changes my life.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: Frank_Sved@idb.nl
Message-ID: <9A8E24CC@idb.nl>
Source record: 216361

Message sender : dg198@FreeNet.Carleton.CA

An A/V teacher changed my life yesterday. For that, I gave him a hug.
Everyone should do that sometime.

--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

3361. Re: Alpha Bravo phonetics: the quickie version

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: alan_auerbach_F@idb.nl
Message-ID: <9A8E2778@idb.nl>
Source record: 216362

Message sender : aauerbac@mach1.wlu.ca

The principles of the phonetic alphabet are
-high penetrance (the sound gets through in adverse
signal/noise ratio environments)
-high distinguishability (no letter is easy to confuse with another)
-compatability with speakers of various native languages
-limited number of syllables (one or two, occasionally three)
-resistance to clipping (loss of signal of first or occasionally
last phoneme)

Compare the old ABLE with the new ALPHA and you'll see why the changes.

Al.

3362. Old Valves

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: Greg Pring <greg.pring@dsto.defence.gov.au>
Message-ID: <324101D6.266F@dsto.defence.gov.au>
Source record: 216363

I am currently looking at a box with over 150 old valves (brand new,
still in their boxes).
Super Radiotron, Phillips, Mullard etc
6XB6, 6AX4GT, 1S2A, 12BY7, 1X2B, 6CB6A, 6BM8, 6BV8
to mention but a few types.

I am trying to work out what their current worth is, if any, as to what
I will do with them?
(Sorry, only expressions of interest as yet!)

Greg Pring

3363. Re: F.S. HOKA CODE 3

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: 106345.2461@compuserve.com
Message-ID: <51pb8r$os4@hil-news-svc-6.compuserve.com>
Source record: 216506
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc, rec.radio.shortwave,rec.radio.swap

sfritts@usit.net (Steven Fritts) wrote:

>For Sale:
>HOKA CODE 3 Decoder unit. The ULTIMATE decoder! This one gets it all
>on HF! With ALL options. Mint condition with org. box, manuals,
>software, Klingf. books.

>450.00 or Best Offer
>Need to sell this quick!

>Email me as I do not check in too often

>Steve sfritts@usit.net
>423-525-0801

In what currency???

in $ i can get a new one here !

Kees

3364. FS / WTB

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: ke7gh@primenet.COM
Message-ID: <01BBA5BF.000E62E0@ip130.phx.primenet.com>
Source record: 216507

```
Current wanted/sale/trade status follows:

Wish List
---------
1) MFJ V/HF ant analyzer w/freq cntr
2) RGB analog monitor
3) HAL ST-8000 "reasonably" priced or equiv
or, SCS/Paccomm Pactor/DSP-4100/PCI-4000 Clover
or, 'classic' Robot/HAL/other items
4) 1.5kw+ HF wattmeter or tuner w/meter
5) Yaesu FT-990/1000(mp) filters or accy

For Sale/Trade
--------------
1) Mac+ 4Mb/30+100Mb/SCSI Toshiba sgl spd CDROM
2) ISA SCSI controller, 200/83Mb HDs, Corel SCSI
3) older ISA: VGA/EGA/ser/par/mouse cards/mice
4) 1296 2-port power divider
5) PK-232MBX w/Pactor
6) 50' 1/2" Andrews hardline w/N's

ke7gh@primenet.com (direct) or (602)839-3484 anytime !!
```

3365. Re: the final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: carl@ais.net
Message-ID: <51q3j3$k7n@news.ais.net>
Source record: 216508
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <51l7ed$jdp@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net (Jim Kehler) writes:
>carl@ais.net wrote:
>
>>I'm sorry Sir, by you obviously:
>
>>a) have not read/understood the numerous factual presentations which
>> clearly prove the above assertion to be false, no matter how many
>> times you say it and click your heels together ...
>
>I haven't read any 'factual presentations' either, Carl. I have read a lot
>of opinions. If you have an opinion, and you type it enuff times, does that
>change it to a 'factual presentation' ? Maybe in your book, but not in mine.

I'm sorry Sir, by you obviously:

a) have not read/understood the numerous factual presentations which
clearly prove the above assertion to be false, no matter how many
times you say it and click your heels together ...

>Personally, I think I have probably spent more money
>on ham gear by accident than most technicians have spent on purpose.
>

I wasn't refering to you ... you've already told us numerous times what
a "big spender" *you* are ... :-)

>>The Q signals are perfectly suited for conveying the limited number of
>>concepts consistent with moronic intelligence levels ... perhaps that's
>>why they're common with CW ops and SSB lids ... I'd prefer to have a
>>bit more flexibility to carry on an intelligent conversation myself.
>
>OK. So now everyone who uses Q codes on either SSB or CW is a
>moron ? That should include about 95% of the ham population .....

I didn't say *everyone* who uses Q codes is a moron ... I said that
"The Q signals are perfectly suited for conveying the limited number of
concepts consistent with moronic intelligence levels" and that "I'd
prefer to have a bit more flexibility to carry on an intelligent
conversation myself."

IOW, the mumber of ideas that can be conveyed with the Q signals is VERY
limited.

>
>>As I've said before, digital systems are ROUTINELY transmitting data
>>over paths of several THOUSAND miles, day in and day out, using powers

>>in the 10 MILLI-Watt range ... CW is junk in comparison with the
>>modern technologies available in today's world, pure and simple.
>
>You've said it many times before. But that doesn't make it a 'factual
>presentation'. For all I know, it's something you dreamed one nite after
>you ate some cucumbers.
>

I *can't* get more specific ... I'd have to kill you :-)

>So please amaze us with some facts, Carl. WHO on the ham bands
>(list of call signs would be OK) is using WHAT digital system (what's it
>called) that's being used day in and day out ON THE HAM BANDS
>(what bands) in the 10 mw range over paths of several thousand miles ?

I *never* said that the systems I alluded to were in the amateur
service ...

>If you would please just provide us with those FACTS, then maybe we
>could accept it as a 'factual presentation' instead of gas caused by
>something you ate.
>

How marvelously witty you are, Jim ... I'll bet you make vulgar noises
with your hand under your armpit, too, right???

Carl - wa6vse
carl@ais.net

3366. Re: Alpha Bravo phonetics: the quickie version

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: Geoff Butler <geoff@gbutler.demon.co.uk>
Message-ID: <PicyvLAd5lQyEwT2@gbutler.demon.co.uk>
Source record: 216509
Cross-posted to: alt.usage.english,sci.lang,rec.radio.amateur.misc

In article <ejones-18099612482200001@206.80.6.11>, "Earle D. Jones"
<ejones@hooked.net> writes
>
>Why did we change from the Able, baker, charlie, etc. to
>Alpha, bravo, charlie, etc.
>
>The changes seemed rather arbitrary. On the average we added syllables:
>
>Fox to foxtrot
>Nan to November
>Queen to Quebec,
>
>but not in all cases:
>
>George to Golf
>Mike remained Mike.

One obvious reason was to reduce the number of Universal Standard
Phonetic Alphabets.

Alpha Bravo does seem rather well designed. In general, words with
similar vowels in the stressed syllables (a/o or i/e) have differing
numbers of syllables or clearly different vowels elsewhere. The
distinction between the hard vowels (a, o) is dialect-dependent, as is
shown by the frequent thread that asserts that some people pronounce
'caught' and 'marry' identically[1].

For example, bearing in mind that the phonetic alphabet is international
and used by people with varying degrees of competence in English and
varying national inflections, and that radio communications are subject
to all sorts of fuzz, 'bravo' and 'charlie' seem farther apart to me
than 'baker' and 'charlie' because of the final vowel.

[1] Something like that, anyway.
-ler

3367. Re: 4-5 kw Generator Recommendations??

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: skerns@mail.talon.net
Message-ID: <51q6i6$ed6@crash.microserve.net>
Source record: 216510

Have used both, buy the Honda. My friend works at a alternator/generator rebuilding company (independent company serviceing many diffrent types) and told me he sees many of the Coleman units in for repair. I don't know if that means there are just more of them out there or if they break quicker than the Hondas...

73 Steve N3FTI
skern@mail.talon.net

In article <DxuF9y.4tx@nsc.nsc.com>, Doyle.Souders@nsc.com says...
>
>I am interested in purchasing a 4-5 KW generator for our Radio Club.
>Its highest use will most likely be Field Day outings and some other
>emergency preparedness events. My question is which way to go? The
>local Home Depot sells 5KW Coleman generators for around $600 and it
>sells Honda 4 KW generators for around $800. I would like some reports
>on pros and cons for various 4-5 KW generators in the $500-$900 price
>range. Any points you could share on picking a reliable generator
>would be appreciated. Obviously it will not be running continuously
>but it could have periods where it does run 24-48 hours of near
>continuous duty. Thanks for the inputs.. Doyle KG6MY

3368. TS-690 Mod's

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: armck@magicnet.net
Message-ID: <51q73b$lti@comet3.magicnet.net>
Source record: 216511

Any one have the mod to open up the 690S? If so please email me
with it.......Thanks..........Ray

3369. Re: Alpha Bravo phonetics: the quickie version

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: Peter Gottlieb <peter_gottlieb@msn.com>
Message-ID: <01bba5d5$b411c0a0$494f2499@peter-s>
Source record: 216512
Cross-posted to: alt.usage.english,sci.lang,rec.radio.amateur.misc

Christopher Monsour <monsourc@ford.uchicago.edu> wrote in article
<DxDqIp.40C@midway.uchicago.edu>...
> In article <50pj8h$c9e@lyra.csx.cam.ac.uk>, <Brian.Kelk@cl.cam.ac.uk>
wrote:
> >
> >
> > Phonetic Alphabets (Alpha Bravo etc)
> > (brief version)

I thought it was

A as in Aisle
B as in Subtle
...

There used to be a whole list floating around...

3370. Re: PRO - CW !!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: robertm@haven.ios.com
Message-ID: <51qbal$j9d@news2.ios.com>
Source record: 216513

Jari Jokiniemi (jjo@tekla.fi) wrote:

: In article <323B7D1D.134C@wolfenet.com> Rick Perry <kg7a@wolfenet.com> writes:
: operation. Why does it have to include ham radio? What about tradition?
: Ham radio has a great tradition and CW is part of it. Things like

: That is a fancy way of saying: 'You have to do it because I did it'.
: --
: Jari Jokiniemi, jari.jokiniemi@tekla.fi, OH2MPO, OH3BU
: Tekla Oy, Koronakatu 1, 02210 Espoo, 90-8879 474

3371. CQ OEM - Need scheds with Austria

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: stan@mutadv.com
Message-ID: <51qd4d$2om@news-2.csn.net>
Source record: 216514
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.dx

Gruess Gott!

Only three months left in 1996 and I need many more OEM QSOs - in all Bundeslaender. Any mode - SSB, Tor, RTTY, CW - any time - any band. Best band is probably 20m and best time looks like 1600 UTC +/- 2 hours, but I'll try whatever band, time and mode you are QRV on. I've got power and a big antenna, so don't worry if you only have 100 watts and a dipole - we can make a QSO! Please help me with a sched.

73, und servus von Colorado,

Stan
--
Stan Huntting, KF0IA
Email: stan@mutadv.com
Fax: 303 444 2314
KaWin home page: http://www.mutadv.com/kawin/
Postal address: 4655 Pleasant Ridge Rd.,
Boulder, CO 80301-1731, USA

3372. Re: HTX202

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: ptracy@aol.com
Message-ID: <51qhjm$5iu@newsbf02.news.aol.com>
Source record: 216515

In article <01bba4b9.fdb4a500$2656bace@j.larryt>, "J.Larry Taylor"
<va3wjr@netrover.com> writes:

>Subject: HTX202
>From: "J.Larry Taylor" <va3wjr@netrover.com>
>Date: Tue, 17 Sep 1996 13:02:21 -0400
>
>Mods needed for the Realistic HTX-202 to increase recieve frequencies.
>Please e-mail
>va3wjr@netrover.com. Thanx. 73's

Proceed as follows:

1. Get roll of duct tape.
2. Get Radio Shack hand-held scanner.
3. Tape scanner to HTX-202.

But seriously, from the thousands of posts seen in the past, there seems
to be no mods for the HTX-202.

3373. Re: Anyone use a Part 15 FM Transmitter??

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: payne@iquest.net
Message-ID: <Dxynzs.59L@iquest.net>
Source record: 216516

"Paul Christenson [N3EOP]" <paulc@cyclades.com> wrote:
>dwh wrote:
>>
>> Hello,
>> I am looking to hear from tech's that have experimented with the
>> Part 15 FM Transmitters for broadcasting. I was thinking about
>> getting one of the Ramsey Kits to play with. Has anyone had any luck
>> with range and etc..on these low power tx'er?
>
>If you plan on sending in stereo, be sure to get one that uses a crystal
>for the stereo pilot tone. That is a critical frequency setting. My
>friend had an early one (may have been Ramsey) that used a trimmer cap
>for setting the pilot tone frequency. The radio worked fine and sounded
>good in mono, but we couldn't keep it in stereo. Others that have built
>the crystal controlled transmitters reported no problems at all.
>
>--
> +---+ .
> | Technical Support Engineer, Cyclades Corporation |
> | 800/88-CYCLADES (882-9252) or (510)770-9727, x258 |
> | Maker of High Performance Multiport Serial Cards |
> +---+

For all you need to know (and more) check out the newsgroup alt.radio.pirate.
Looks like these guys have finally figured out how to build amplifiers! Gheeze!!
Regards,
Don Payne
WB5IQV
Chief Engineer WZPL-FM/ Indy

3374. Digest of Articles - QST Jul 96 (Long - 26k)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: wvanho@infinet.com
Message-ID: <51r9lc$52t@news1.infinet.com>
Source record: 216517
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

Following are digests of articles printed in the July, 1996 issue of QST. Such digests are being prepared for each issue of QST, and posted periodically. They are archived, beginning with the January, 1993 issue, and available by ftp from:

(in USA) oak.oakland.edu/pub3/hamradio/arrl/infoserv/digests
(in Europe) ftp.funet.fi/pub/ham/arrl/infoserv/digests

They also can be gotten by E-Mail from the ARRL Info Server at: info@arrl.org. For detailed instructions, send an E-Mail message containing the following:

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TECHNICAL ARTICLES (TA)

Title>TA1:The Radio Sky - Part 2
Author>Emerson, Darrel - AA7FV, G3SYS
Source>QST Jul 96, pp. 28-31
Abstract>Quantitative information regarding the radio noise from the sky, including the distribution of sources, magnitudes of antenna temperatures, effects of frequency and other variables.

Digest>In the first part of this two-part series, the author described the fundamentals of radio astronomy and the radio noise that impinges on the earth from cosmic sources. In this part, he describes quantitatively the noise levels that will be received by a modest-size beam antenna aimed in the different azimuths and elevations at different times and at different frequencies.

There are two predominant sources of celestial noise: the sun and the Milky Way. The sun is the stronger, not because it is an especially noisy star, as stars go, but rather because it is so close. The Milky

Way is prominent because its noise represents the integrated total of many millions of stars. All other celestial sources, though they may be intrinsically "loud", are so far away that they are not significant factors in the signal-to-noise ratio of radio communications.

The article explains how to convert between sky-coordinate systems and how to find one's way across the sky. A series of plots show the distribution of noise across the sky at two-hour intervals over a 24-hour day, not including the effects of the sun which apparently "moves through" the sky during the course of each year.

The intensity of celestial noise decreases rapidly with increasing frequency. An antenna pointing in such direction to find a sky temperature of 100,000 degrees Kelvin at 100-MHz. would likely find less than 200-degrees at 1.0-GHz. In fact, at frequencies above 400-MHz., radiation from the ground is much noisier than that from the sky. For practical antennas, even when they are aimed at a high elevation angle, the greatest received noise may be received on side lobes collecting ground radiation. As the author comments, it is very likely that, for practical weak-signal work, locally-generated noise is still likely to be the most difficult problem.

Title>TA2:An Improved Multiband Trap Dipole Antenna
Author>Buxton, Al - W8NX
Source>QST Jul 96, pp. 32-34
Abstract>Construction details of a non-resonant trap antenna for four bands.

Digest>Classic multi-band trap dipoles have used resonant traps that act like insulators at their resonant frequencies and prevent antenna current from flowing in the wire located beyond the traps. For example, an 80- and 40-meter dipole would use a wire cut to resonance at 40-meters; at each end would be a trap resonant at 40-meters. On the other side of each trap would be additional wire to resonate the total length at 80-meters. On the latter band, the trap would no longer be resonant, but would add inductive reactance to the antenna. Because of the extra inductance, the added wire would have to be cut somewhat shorter to resonate on 80-meters than would be the case if the trap were not present.

That type of antenna is very effective and useful, but the resonant trap develops a high circulating current that causes two effects: first, it causes significant power loss and heat generation in the trap, itself. Second, high voltages are developed in the trap, which limit the amount of power that can be handled by the antenna without voltage breakdown.

W8NX has developed a 4-band trap dipole that avoids the problems of resonant traps; his traps do not resonate at any of the operating frequencies. Using W7EL's EZNEC computer program, the author worked out the parameters of a dipole usable on 80-, 40-, 17-, and 10-meters. Starting from the center feedpoint, each half of the antenna has

24.4-feet (7.44-m.) of wire to the trap, and 17.4-feet (5.30-m.) of additional wire beyond the trap. The parameters of the trap are inductance: 12.4-MHy. in parallel with 76.8-pF. of capacitance.

The author's traps are built using coax cable as both the inductance and the capacitance. Each is made of a bifilar winding of RG-59 (Belden 8241) coaxial cable wound on a length of 3.0-inch (76-mm.) ID, Schedule 40 PVC pipe, 5.33-inches (143-mm.) long.

The bifilar design of the traps reduces the resistance of the windings, thereby improving the Q-Factor and also provides more current-carrying capacity. The antenna has been tested, and performs well, handling full legal power.

The article contains a graph showing the SWR curve on all four bands. It indicates that the antenna displays an SWR below about 3 over the entire 40-meter band and 17-meter bands, and from 28- to 29-MHz. on the 10-meter band. On 80-meters, the operating bandwidth is much narrower, extending from about 3.73- to 3.85-MHz. Power loss in the traps is negligible on 40-, 17-, and 10-meters. It is about 1.66-dB. on 80-meters, which represents power dissipation of 120-watts when full legal power (1.5-KW PEP) is being radiated.

Title>TA3:A Comparison of HF Digital Protocols
Author>Riley, Tim; Bodson, Dennis - W4PWF; Rieman, Stephen; and Sparkman, Teresa G.
Source>QST Jul 96, pp. 35-39
Abstract>Results of a test of various digital protocols operating under adverse noise conditions. Performance, ranked in order of declining throughput rate: PACTOR II, G-TOR, CLOVER, PACTOR, AMTOR.

Digest>The Federal Government agencies responsible for communications during national emergencies conducted a study of the digital protocols used by hams. The test method used was to make a laboratory setup simulating communication between two stations under conditions of varying signal-to-noise ratios, selective fading, and multi-path delays. The protocols tested were: AMTOR, PACTOR, G-TOR, CLOVER, AND PACTOR II.

In making the tests, HF modems made by Kantronics, HAL Communications, AEA, and SCS were used, and data were reported separately from each. However, since the object of the test was to evaluate the protocol, not the modems, the manufacturers' identities were not divulged.

For reference purposes, all protocols were first tested under clear channel conditions, i.e. without any noise, fading, or path delays introduced. Then, they were tested under simulated good and poor ionospheric conditions with signal-to-noise ratios ranging from 0 to 20 (0 to 40 for Clover). Good ionospheric conditions were defined as fading frequency spread of 0.1-Hz., or less, and multipath delay of 0.5-milliseconds, maximum. Poor conditions were simulated with 1.0-Hz. frequency spread and multipath delay of as much as 2.0-ms.

Clear channel data throughputs were approximately as follows:

Protocol Characters per
Second

AMTOR 6
PACTOR 25
G-TOR 45
CLOVER 45 to 70
PACTOR II 130

Results under simulated propagation conditions were as follows:

Signal-to-Noise Low S/N High S/N Low S/N High S/N
Ionosphere Condx Poor Good Good Poor
(cps) (cps) (cps) (cps)

AMTOR 4 6 4.5 5.5
PACTOR 4 25 5 20
G-TOR 10 40 17 13
CLOVER 4 40 12 12
PACTOR II 8 80 8 60

PRODUCT REVIEW (PR)
Conductor: Rick Lindquist - KX4V
Asst. Technical Editor

Title>AEA DSP-232 Multimode Data Controller
Author>Ford, Steve - WB8IMY
Source>QST Jul 96, pp. 59-61
Abstract>Review of the latest DSP TNC by AEA. Performance was rated from excellent to outstanding. Provides packet, RTTY, AMTOR, and PACTOR, not CLOVER, G-TOR, nor PACTOR II.

Digest>The AEA DSP-232 is the latest multimode data controller offered by AEA. It utilizes digital signal processing (DSP) to do practically all of the coding, decoding, filtering, and other processing necessary to handle digital protocols in amateur radio. This does not mean, however, that it handles all of the protocols now in use. It provides only packet, RTTY, AMTOR and PACTOR. The manufacturer states that, in early 1997, they will modify the unit to add 1200-baud BPSK packet and 400-baud BPSK telemetry.

The DSP-232 does not handle the CLOVER, G-TOR, nor PACTOR II protocols. All three of those modes are proprietary; offering them would require the manufacturer to pay a royalty to the copyright owner. AEA has hinted that they may make PACTOR II available in the future, but the possibility of adding CLOVER or G-TOR seems remote.

In operation, the reviewer found it easy to tune in desired signals by watching the front-panel LED indicator. Performance in RTTY, AMTOR, and especially in PACTOR modes, was excellent to outstanding. The

extra-sharp filters that are provided by the DSP pay dividends in the form of superior data throughput in the face of close-in QRM, high noise levels, and fading.

In packet, the reviewer did not notice much advantage over older, analog models because of the good signal strength and low noise of VHF FM. But he did note that the DSP-232 has a built-in automatic packet reporting system (APRS), ready to go with the addition of a GPS receiver.

Title>PR2:JPS NIR-12 Noise and Interference Reducer
Author>Pocock, Emil - W3EP
Source>QST Jul 96, pp. 61-63
Abstract>Review of a new outboard DSP unit by JPS. Provides more functions and superior performance.

Digest>In the 5-years, or more, since W9GR first introduced digital signal processing (DSP) to the amateur community, significant changes have occurred. The original units seemed like magic at the time, but were quite limited in flexibility. Filter parameters were fixed in software so that several discrete filters, each with a certain center frequency and bandwidth, were selectable by switch. One could have dynamic noise reduction or narrow-band filters, but not both at the same time. Furthermore, the dynamic range was very limited and early models did not contain audio AGC, so one had to readjust receiver audio gain based on the signal level being received.

Now, JPS has introduced their Model NIR-12 that greatly expands the flexibility and improves the performance of DSP. It uses two separate DSP chips that operate at a 40-MHz. clock rate. With that much computing power on board, the unit can offer four separate filter functions, each of which is selectable independently. Any number of them can be used simultaneously.

The passband filters are infinitely adjustable in both center frequency and bandwidth, separately. This makes a tremendous difference in tuning. The user can tune the center frequency to any desired audio tone, then adjust the bandwidth, as necessary, to make interfering signals drop out. All the while, the filter shape factor is superb!

The notch filter automatically cancels out any number of heterodynes in the passband.

The dynamic peaking mode is a new concept; it forms a bandpass width just wide enough to encompass the desired signal, either CW or SSB. It recognizes the characteristics of speech or CW and reduces the amplitude of anything that does not fit either category. The only adjustment is a 3-position switch that calls for 6-, 12-, or 20-dB. of noise reduction. The reviewer found the 6-dB. position to be most useful. The 12-dB. level he found to be too much, and it cut into the intelligibility of the received signal; the 20-dB. setting was "overkill".

The noise interference reduction (NIR) filter is continuously adjustable by a front panel knob. In SSB operation it removes noise by canceling non-speech frequencies. At the lower settings of the knob, the filter will pass CW and attenuate the surrounding noise; but at the highest settings, it interprets the CW as noise and eliminates it.

The reviewer found various combinations of the four functions effective over different band conditions. In conclusion, he points out that, though the NIR-12 does an excellent job of suppressing many kinds of receiver noise, for line noise, computer hash, and other local, man-made interference, it is not as effective as the JPS NC-4 Antenna Noise Canceler that was reviewed in QST Feb 96.

TECHNICAL CORRESPONDENCE (TC)
Conductor: Paul Pagel - N1FB
Assoc. Technical Editor

Title>TC1:K3BC's SSTV Becomes TRUSCAN
Author>Vester, Ben - K3BC
Source>QST Jul 96, pp. 66-67
Abstract>Description of 16 modifications and improvements made to the popular SSTV computer program.

Digest>K3BC is the originator of the very popular SSTV software package introduced in articles in past issues of QST, most recently in QST Dec 94. Since first introducing the software, he has made many additions and revisions. In this letter, he outlines 16 of them.

The full story is contained in the file: VESTER_K.ZIP, which can be downloaded from the ARRL BBS at (860) 594-0306. Alternatively, he will provide the latest version of the whole package to anyone in return for a DOS-formatted, 1.44-MB floppy disk accompanied by a self-addressed and stamped mailer.

HINTS AND KINKS (HK)
Conductor: Bob Schetgen - KU7G
Asst. Technical Editor

Title>Amplifier Control With the Yaesu FT-840
Author>Rosenthal, Herbert M. - WV5Q
Source>QST Jul 96, pp. 64-65
Abstract>Construction details of a relay box to facilitate using the FT-840 with a power amplifier.

Digest>WV5Q uses a Yaesu FT-840 and had problems when trying to use it with a power amplifier. To solve them, he built a relay box that performed several actions, including:
1. Grounds a specific lead so that the CW sidetone is audible in transmitting.
2. Grounds a control line to operate the power amplifier.

3. Supplies a pull-up voltage to an amplifier-control line that prevents the transceiver from transmitting without a "Ready" signal from the amplifier.

The various circuits are explained in a block diagram, and the whole circuit illustrated by a schematic plus parts list. The author states that the relay box would most likely be applicable to almost any transceiver that has a keying-control line.

Title>HK2:Tape Arrows Label Dial Settings
Author>Sasson, Maurice, I. - W2JAJ
Source>QST Jul 96, p. 65
Abstract>W2JAJ cuts arrow-shaped pieces of colored tape and attaches them to the adjustment dials on his gear to indicate the proper settings, using different colors for different bands.

NEW HAM COMPANION (NHDC)

Title>NHC1:The Doctor is IN
Author>Various
Source>QST Jul 96, pp. 51-52
Abstract>Questions and answers of interest primarily to newcomers to amateur radio.

Digest>Questions discussed in this issue include calculating an antenna's wind load; shifting a Yagi antenna from horizontal to vertical polarization; working the OSCAR 27 satellite with a dual-band VHF/UHF FM tranceiver; the need for a 28.8-kbaud modem for the World Wide Web; when the sunspot cycle will turn favorable; and other subjects.

Title>NHC2:Packet Volunteers in the Miami Olympic Classes Regatta
Author>Hirschman, Jim - K4TCV; Kandel, Joel - KI4T; and Whitley, Wes - AF4N
Source>QST Jul 96, pp. 53-55
Abstract>Radio amateur activities in connection with a popular regatta.

Digest>The Miami Olympic Classes Regatta is a four-day series of sailboat races. This year, there were more than 786 boats entered in a total of 48 races. They were run over six courses, each more than 5-miles long.

It was important for the contestants to obtain the results of the races as quickly as possible after they are run so as to plan their strategy for subsequent races. This presented a communications problem that was admirably solved by a group of radio amateurs using packet. This article tells the story.

Title>NHC3:Island-Hopping in Puget Sound
Author>Reisenauer, John - NL7TB
Source>QST Jul 96, p. 56
Abstract>Experiences in operating ham radio from islands in Puget Sound.

Digest>The author and his son operated on five different islands in the Puget Sound area during one three-day period. Four of the five qualified for the US Islands award program. They drove their pickup truck, in the cab of which is installed a Yaesu FT-747GX transceiver. At each stop, they erected a 30-foot (9.1-m.) sectional pole and strung a G5RV-type antenna from it. This article describes their experiences and the contacts they made.

Title>NHC4:The Droopy Loop
Author>Newton, Patrick - KJ7MZ
Source>QST Jul 96, pp. 57-58
Abstract>Describes an effective antenna attached to the roof of a church.

Digest>KJ7MZ describes an antenna that he built for use by his Boy Scout troop, and for other purposes, on the roof of his church. It is a full-wave square (or rectangular) loop and can be cut for either 80- or 40-meters. The 80-meter version is 272-feet (82.9-m.) in circumference; the 40-meter wire is 142-feet (43.3-m.). He used insulated wire and attached it to the roof at the four corners of the square, with the wire lying on the composition shingles.

The roof of the church is large enough to hold the entire antenna. At another location, he erected a similar antenna with two of the corners attached to the roof and the other two suspended from trees. Either antenna can be used on the band for which it is cut and, with an antenna tuner, on every higher-frequency band.

The author found the antennas to be highly effective and very inconspicuous. He cautions that the design should not be used on a metal roof.

GENERAL INTEREST ARTICLES (GI)

Title>GI1:CQ from WW2END
Author>Tomas, Bob - N7KTP
Source>QST Jul 96, p. 40
Abstract>A Special Event station on the deck of the mothballed USS Missouri.

Digest>The US battleship Missouri, on the deck of which the Japanese surrender was signed signifying the end of WW2, is in "mothballs" at the Bremerton, WA Inactive Ship facility. To commemorate the 50th anniversary of the end of the war, a group of Washington hams obtained permission to operate an amateur Special Events station from the deck of the ship for the period September 1-4, 1995. The FCC allowed them to

use the special call: WW2END, but only after they had made a direct appeal to Vice President Al Gore.

During their operations, they logged about 4800 contacts.

Title>GI2:Living, Working and Hamming in Africa
Author>Casier, Peter - ON6TT
Source>QST Jul 96, pp. 41-43
Abstract>A ham's experiences while travelling in Africa.

Digest>In 1994 and '95, ON6TT worked as a communications consultant with relief organizations in Africa. His work took him to the nations of Zaire, Malawi, Angola, Zimbabwe, and Kenya. Wherever he went, he took amateur radio equipment with him and always tried to find some time to carry on ham activities.

In the course of his travels, he encountered travel and living conditions that ranged from Spartan facilities in dangerous surroundings to luxurious resort hotels in ultra-modern, friendly cities. In this article, he recounts a number of his visits to the various countries and describes his ham activities. In spite of the pressure of work and the sometimes difficult operating conditions, he logged many thousands of contacts with stations throughout the world.

Title>GI3:A MARS Operator at Fort MacArthur
Author>Thomas, Tom - WA6WPG
Source>QST Jul 96, pp. 44-45
Abstract>A ham recounts memories of GIs' phone patches between Viet Nam and their homes.

Digest>WA6WPG was an army enlisted man during the Viet Nam war. At the end of his period of service, he was stationed for four months at Ft. MacArthur, in San Pedro, CA. He was assigned to be a MARS operator handling phone patches from servicemen in Viet Nam contacting their families at home. Since amateur radio phone patches are not private conversations and he had to operate the radio equipment, he heard every word of every conversation.

Many of the conversations were poignant in the extreme. In this article, he relates some of his memories of them.

Title>GI4:Forty Years in the Life of a Hamoholic...As Seen By His Wife
Author>Richmond, Toni - KE4TUQ
Source>QST Jul 96, pp. 49-50
Abstract>Reminiscences by the wife of an ardent ham.

Digest>Ed Richmond, husband of the author of this article, has been a ham since 1956. His present call is W4MGN and he formerly held W8KGR and KN4HNA. He holds a Ph.D. and is a college-level teacher.

During his 40-year ham career, Mr. Richmond has operated as a ham from 21 other countries, primarily in Europe and Africa. As a result, he formed friendships with hams in many countries, friendships he maintains on radio. His wife has recently received her amateur license, and she now participates with him in his ham activities.

3375. Digest of Articles - QST Aug 96 (Long - 37k)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: wvanho@infinet.com
Message-ID: <51ra1g$5gk@news1.infinet.com>
Source record: 216518
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

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(in USA) oak.oakland.edu/pub3/hamradio/arrl/infoserv/digests
(in Europe) ftp.funet.fi/pub/ham/arrl/infoserv/digests

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TECHNICAL ARTICLES (TA)

Title>TA1:The W3KH Quadrifilar Helix Antenna
Author>Ruperto, Eugene F. - W3KH
Source>QST Aug 96, pp. 30-34
Abstract>An easily constructed circularly polarized antenna which, when aimed straight up, will communicate with satellites and show no fading, nor nulls, during an entire pass overhead.

Digest>When receiving signals from satellites in Low Earth Orbit (LEO), one faces two unusual problems. One is that the polarization of the signals changes continuously during the pass. Second, the "bird"

appears just above the horizon at one azimuth, climbs high in the sky to pass more or less overhead, and sinks toward the opposite horizon. Unless one uses a very complex antenna with two-axis rotators, computer controlled, to follow accurately the position of the satellite clear across the sky, one needs a antenna that is circularly polarized and can capture a reasonably constant signal level throughout the duration of the pass overhead. Most antennas in common use by hams fail in one or both of the requirements; either they do not respond to the proper polarization, or else they show nulls in the radiation pattern at different azimuths and elevations.

One antenna that exhibits almost perfect characteristics is the quadrifilar helix. W3KH has designed and built a version of that antenna that is remarkably inexpensive and easy to build, but also remarkably difficult to describe. The article, however, is illustrated by a number of detailed photographs, diagrams, and explanations that make it easy to visualize.

The antenna exhibits gain in the forward direction, i.e. straight up. Its radiation pattern is a single, broad lobe with a half-power beam width of about 115-degrees. The antenna is made up of two double helices, oriented at 90-degrees from each other and excited in quadrature, i.e. with a 90-degree phase difference between the respective antenna currents.

One way to visualize the helices is to consider that each is made up of two conductors, both about a half wavelength long, wrapped around an imaginary cylinder that is approximately one-quarter wavelength in diameter. Each conductor forms a helix of only one-half turn, passing half-way around an imaginary cylinder oriented vertically; each occupies one side of the cylinder, running from a point on the bottom rim to a point on the opposite side of the top rim.

The second double helix is exactly like the first, except slightly smaller in diameter, wrapped around another imaginary cylinder inside the first, with the helices of the second set offset by 90-degrees from those of the first. The helices are concentric and the actual wires are supported from a central shaft made of 2-inch (5-cm.) diameter PVC tubing. Three double crossarms, made of half-inch (12-mm.) diameter PVC tubing, hold the conductors which are made of wire stiff enough to hold their shape between supports. One crossarm in each pair is shorter than the other and each supports the small or large diameter helices, respectively.

The two sets of radiators are fed by a common coaxial cable; in fact, one of the four helical conductors is comprised of coax, which forms a balun. The two sets are made different in size to produce the proper 90-degree phase shift automatically. The larger is cut to resonate at a frequency lower than the operating one; thus, the antenna current lags in phase by 45-degrees. The smaller resonates at a higher frequency so that its current leads by 45-degrees. The result is a 90-degree phase difference between them that holds over a substantial range of

frequencies, with no sensitive tuning required.

The author provides a table giving the precise dimensions required and also explains how to scale them up or down to design a model for any desired frequency. He reports that a number of such antennas have been built for a variety of frequencies and the results have been highly successful in all cases. He finds that he gets reliable signals, without fades or drop-outs, during overhead passes from about 20-degrees above one horizon to 20-degrees from the opposite one.

Title>TA2:Install a House-Bracketed Tower - the Right Way!
Author>Brock-Fisher, Tony - K1KP and Shaheen, Bill - N1CQ
Source>QST Aug 96, pp. 35-39
Abstract>Method of attaching the lower part of an unguyed tower to the side of a house, allowing the tower to be built much higher, while not causing potential damage to the building.

Digest>Most radio amateur radio towers are either guyed or self-supporting. Guyed towers are generally much less expensive because the tower is subjected only to compression forces and the guys absorb all tensile force, whereas self-supporting towers have to stand great bending forces.

A person who can use a house, or other building, for support part way up the tower can often get the benefits of a self-supporting tower without the cost of heavy steel work near the base. To take advantage of such availability, one must be careful to ensure that the bracketing is done properly so that the added stresses caused by the tower does not compromise the structural integrity of the house.

K1KP lives in a two-story house with a gable roof and had available some Rohn 25G tower sections. A self-supporting tower built from those sections could support the type antenna he intended to use to heights of only about 20- or 30-feet (6.1- or 9.1-m.); but by anchoring the tower with a bracket attached to the house in the gable area, 30-feet above ground, he could safely extend the tower sections at least 20-feet further. With the help of N1CQ, a structural engineer, he designed a bracket system that lends ample support to the tower and spread the stresses through the attic floor joists to the main structural members of the house. Most particularly, it avoids lateral stresses from impinging on the studs in the gable section, which would not be capable of standing them. To accomplish this, he removed some of the gable studs to get direct access to the sheathing at the point where the tower bracket attaches to the outside of the house. On the inside of the attic, he ran two diagonal support beams of yellow pine, 2-inches x 6-inches x 14-feet (5-cm. x 15-cm. x 4.3-m.) to planks that span a considerable number of floor joists. A heavy steel angle bracket was used to attach the support beams to the planks.

The author points out that many local zoning boards require substantial engineering documentation before issuing a building permit. The ARRL

has assembled a list of consulting engineers who have volunteered to help amateurs satisfy the engineering requirements. Any ham can obtain a copy of the list by contacting Lisa Kustosik at ARRL Headquarters, (860) 594-0200, or via E-mail: lkustosik@arrl.org.

Title>TA3:"Intermod" - A Modern Urban Problem
Author>Hare, Ed - KA1CV
Source>QST Aug 96, pp. 40-43
Abstract>VHF communications in congested areas are often subject to interference from strong local signals. Suggested remedies are outlined, including attenuators, band-pass filters and notch filters.

Digest>Amateurs who operate on VHF bands, especially in congested areas, often complain about "intermodulation" in their hand-held or mobile transceivers. In this article KA1CV, the supervisor of ARRL's laboratory, explains what causes much of it and some of the things that can be done to minimize it.

Some of the so-called "intermod" is not intermodulation at all; it is interference caused by front-end overload, superheterodyne images, or i.f. leakage. But many of the problems really are intermodulation, which can occur in a variety of ways.

With the proliferation of all kinds of signals in the VHF range, operators will likely encounter very strong signals from nearby transmitters and on frequencies that may be not far from the ham bands. Strong signals can drive amplifiers in the receiver beyond their linear ranges, resulting in distortion and/or mixer products on frequencies where they should not be.

The simplest, and sometimes highly effective, method of defeating such interference is an attenuator in the receiver front end. A typical attenuator can be switched to reduce all input signals by 10-, 20-, or 30-dB. Very often, reducing all signals by some amount will mean that the interfering signal will drop below the saturation threshold of the amplifier concerned, eliminating the distortion.

Other ways that can be used to alleviate persistent problems include external filters. Two types are useful: bandpass and notch. A bandpass filter on the 2-meter band would strongly attenuate interference from signals generated by commercial services on other bands. In case there is one station on a fixed frequency that presents a persistent problem, a notch filter on its frequency may be the best answer.

PRODUCT REVIEW (PR)
Conductor: Rick Lindquist - KX4V
Asst. Technical Editor

Title>PR1:QST Compares: A Pair of "Six-Shooters" - The Alinco DR-M06 and Azden PCS-7500H 6-Meter FM Mobile Transceivers

Author>Budnik, Peter KB1HY and Swanson, Glenn - KB1GW
Source>QST Aug 96, pp. 63-65
Abstract>Performance reviews of two 6-meter transceivers. Both are tiny and perform well.

Digest>With the crowded conditions on 2-meter and 70-centimeter FM, more hams have discovered that the 6-meter band provides an attractive alternative. This article reviews two miniature mobile transceivers for that band.

Both the Alinco DR-M06 and Azden PCS-7500H are very small. The Alinco is the smallest at about 1.6- x 5.6- x 4.6-inches (4- x 14- x 12-cm.); the Azden is only marginally larger: 2- x 5.5- x 7.3-inches (5- x 14- x 18.5-cm.). The only significant difference in the size is that the Azden is more than 2.5-inches (6.4-cm.) deeper. This is because its power output is 50-watts, versus the other's 10-watts, and the greater depth is taken up by the heat sink on the rear.

Both units offer scanning and multiple memories. The Alinco offers 100-memory channels; the Azden 20, plus one scratch-pad memory channel.

The reviewers found significant differences in operation. The Alinco is very easy to operate and the memories are simple to program. It has a conventional lighted digital indicator on the front panel and a tuning knob for frequency control. The hand mike, with built-in keypad, is convenient and pleasant to hold. The one criticism is that the keypad is not lighted.

The Azden has a front panel display that is similar to the Alinco, but the reviewers were taken aback by the fact that it does not have a tuning knob for frequency control! Frequency adjustment is made only by up- and down-buttons that step through the band in increments of 1-MHz. or 5-kHz. While they found this system to work satisfactorily, all reviewers agreed that they would prefer a knob. The handheld mike is large and sharp-edged. It becomes somewhat unpleasant to hold for long periods, but it does have a lighted keypad that is easy to see at night.

Prospective buyers will have to choose between the two by weighing the advantages of extra transmitting power of the Azden against the operating features of the Alinco, since the prices are almost the same: the Alinco lists for $381 and the Azden $389.

Title>PR2:Brian Beezley, K6STI, RITTY 1.0 Radioteletype Program
Author>Wolfgang, Larry - WR1B
Source>QST Aug 96, pp. 66-67
Abstract>Describes a software program that will make a personal computer directly drive a transmitter in RTTY mode. It does not provide any of the other digital modes.

K6STI is well known as the publisher of antenna analysis software. He has now introduced a software program which will make a personal

computer that includes a SoundBlaster 16 sound card capable of driving a transceiver in Baudot RTTY mode. No other hardware is required except the input and output connectors which are supplied with the package. The personal computer should be at least a '386DX/40 with a math coprocessor, or better.

The software causes a tuning indicator to show on the computer monitor. As the operator tunes across a RTTY signal, the mark- and space-tones show as two peaks on a frequency-analyzer-type display. One tunes to the frequency at which the two peaks are aligned with purple marks on the screen; that is all there is to it!

Received code prints across the top of the screen, line-by-line. Likewise, in send mode, the typed characters show on the bottom half of the screen. However, neither the received nor transmitted copy is saved to a file, so there is no way to recall text after it has scrolled off the screen. If the received station's QTH, or operator's name, scrolls off the screen before a note is made of it, it is lost! Also, when no signals are being received, the program attempts to make copy out of all the random noise, filling the screen with garbage.

The reviewer was not able to make the software work under the Windows operating system, either the old version 3.1 or the current Windows 95. He found that the documentation that comes with the program cryptic and "lacking in a number of areas". There is evidence that Mr. Beezley still considers RITTY "a work in progress" and is still improving the whole package.

The purchase price, directly from K6STI, is $100. Prospective buyers should keep in mind that the program will process Baudot RTTY only; it cannot handle packet, Amtor, Pactor, or any of the other digital modes.

TECHNICAL CORRESPONDENCE (TC)
Conductor: Paul Pagel - N1FB
Associate Tech. Editor

Title>TC1:A Possible Alternative to MATHCAD 6.0
Author>Bergstrom, Ted - W1IQW
Source>QST Aug 96, p. 70
Abstract>MATHCAD is fine, but a standard spreadsheet can perform almost all of the same functions.

Digest>This letter is a response to the review by W0IYH: "MATHCAD 6.0: a Tool for the Amateur Experimenter" in QST Apr 96. W1IQW points out that, whereas MATHCAD is a powerful program, practically everything that it can do can also be done, with slightly more effort, by any of the popular spreadsheet programs, such as Lotus 1-2-3 or Microsoft Excel. In this letter, the author duplicates the example shown in the April review, using an Excel spreadsheet. The numerical results were identical, and through the use of the Excel graph-plotting routine, a

bandpass filter loss curve was plotted similar to that of the MATHCAD output, except on a linear rather than logarithmic scale.

Title>TC2:Physically Small Inductors May Lead to Unknown Losses
Author>Michaels, Charles - W7XC
Source>QST Aug 96, p. 71
Abstract>QRP rigs need high-Q antenna tuner components at least as much as do high-power transceivers. Small inductors may waste power excessively.

Digest>W7XC points out that a number of articles describing antenna tuners for QRP use have shown physically small inductors, tacitly indicating that the small components are adequate for low power use. He points out that this is true if one is only considering the power-handling capacity of the components. But the power lost in the tuner is a function of the Q of the coils and, although a small coil will not smoke nor melt with QRP input, the loss of efficiency may be harmful to results.

Title>TC3:Measure Meter Resistance Accurately
Author>Lee, James G. - W6VAT
Source>QST Aug 96, p. 71
Abstract>Another method of measuring the internal resistance of a moving-coil meter movement.

Digest>W6VAT offers another, simpler method of accurately measuring the unknown resistance of analog meters. It does not require a special power supply.

One needs only a variable resistor that can be adjusted to a value known to be very much larger than the resistance of the meter and a power supply capable of driving the movement to full scale deflection. One connects the power supply, pot, and meter in series and adjusts the pot to set the meter to exactly full scale. Then the pot is removed from the circuit and its resistance measured with an accurate ohmmeter. Then the circuit is reassembled and the resistor again adjusted, this time to set the meter to half-scale. Again, the pot resistance is measured.

Calling the full-scale pot value R1, that of the half-scale setting R2, and the unknown meter resistance Rm, one can calculate Rm from the following formula:
Rm = R2 - 2*R1

The author notes that the accuracy by which the resistances are measured is critical to success of the method. A digital ohmmeter will assure best results.

Title>TC4:VHF/UHF Yagi Stacking Revisited
Author>Beezley, Brian - K6STI
Source>QST Aug 96, p. 71

Abstract>The author corrects his mistaken explanation of why "diamond" stacked antennas are superior to "square" stacks.

Digest>K6STI authored the article: "Another Way to Stack VHF/UHF Yagis" in QST Feb 96. He showed that if four Yagi antennas in a "diamond" configuration (one boom at the top of a tall tower, two booms side-by-side partway up, and the fourth lower on the tower) one will obtain a radiation pattern with much reduced sidelobes compared to a "square" pattern with two booms spread horizontally at the top and the other two similarly, partway down the tower.

In his article, he explained why this happens. He has subsequently discovered that his explanation was not correct and has modified it in this letter. However, the results remain unchanged: the diamond stack is superior, by far.

HINTS AND KINKS (HK)
Conductor: Bob Schetgen - KU7G
Asst. Technical Editor

Title>HK1:Prevent Freezing in Cushcraft's 70-CM Boomer
Author>Mollentine, Richard - WA0KKC
Source>QST Aug 96, p. 68
Abstract>Prevent collection of moisture inside antenna tubes lest they be ruptured by a freeze.

Digest>The Cushcraft Boomer antennas are made of aluminum tubing. The ends of all the tubes are sealed by plastic caps. Over time, water can accumulate inside the tubes and subsequently freeze, rupturing them.

WA0KKC recommends filling the ends of the tubes with RTV sealant. The editor inserts a comment recommending that the plastic cap at the bottom end of any tube should have a tiny hole punched in it for drainage.

Title>HK2:The DigiBrain's Optically Encoded Tuning Knob
Author>/Craswell, James - WB0VNE
Source>QST Aug 96, p. 68
Abstract>Explains how to determine the direction of movement in a sequence of output numbers when using an optical encoded knob in electronic equipment.

Digest>WB0VNE explains how an optical shaft encoder operates. He states: "If the switch starts at 00, turning it to the right will make it step through 00,01,11,10,00. Turning it to the left would step it through: 00,10,11,01,00."

From the above sequences, one can easily detect the direction of the turn between any two steps, and design a circuit to use the information.

Title>HK3:Another Way to Feed KAMs
Author>Charavay, Fred - W8IHJ
Source>QST Aug 96, p. 68
Abstract>Provides a circuit diagram of a simple way to provide variable drive from a transceiver to a TNC.

Digest>This letter is a followup of the hint by N5LB in QST Mar 94 titled: "Simple Audio Attenuator Solves TNC Overload Problems". A circuit schematic shows a 5000-ohm pot used as a voltage divider connected across the speaker leads to provide adjustable drive to the TNC. A switch is provided to open the speaker circuit, silencing it, while not affecting the TNC.

Title>HK4:Temporary Header Jumpers in a Pinch
Author>Kanitra, David R. - WB2AZE
Source>QST Aug 96, pp. 68-69
Abstract>Describes how to make a substitute for a computer jumper from a short piece of stranded wire.

Digest>When the author was installing a larger hard drive into his computer, he needed a new jumper. Since it was not possible to obtain one quickly, he fabricated a substitute out of a 2-inch (5-cm.) piece of stranded wire. He stripped about 1/4-inch (6-mm.) of insulation from each end, then used needle-nose pliers to remove enough strands that it would occupy a space half the size of the pin. Then he bent the jumper in the middle and placed one end on each of the pins to be connected. The fit must be snug enough that the jumper cannot fall out.

Title>HK5:Modifying the FT-2400 for Packet
Author>Bergstrom, Theodore - W1IQW
Source>QST Aug 96, p. 69
Abstract>Describes a modification to the Yaesu 2-meter rig to adapt it for packet operation.

Digest>W1IQW adapted his FT-2400H for 2-meter packet with no difficulty by using the connections on the 8-pin microphone connector. However, this left the speaker active so that the received signal is audible at all times.

He determined to modify the rig to make it possible to disable the speaker by inserting a plug into the external speaker jack without, at the same time, removing the audio from the microphone jack. In this letter, he relates, step-by-step, how to do this in that particular transceiver.

Title>HK6:Make High-Quality Ladder Line at Home
Author>Johnson, Paul - W7KBE and Schetgen, Bob - KU7G
Source>QST Aug 96, p. 69
Abstract>How to assemble ladder line without having to thread the conductor wires through holes in the spacers. Similar techniques were

in universal use by hams in "ancient" times (pre-WW2).

Digest>The authors illustrate by a photograph and two easily-understood diagrams how they make parallel-wire ladder line out of No. 12 wire and small pieces of bare circuit board material from which the copper foil has been stripped. A hole is drilled through the board near each end.

In the letter, they state that most people who have previously made their own ladder line used spacers through which the twin conductors must be threaded. Their recommended means is to lay the wires out straight and parallel, put each spacer in place, and fasten it to the conductors by means of short lengths of fine-gauge wire through the hole at each end of the board, used as tie-wraps around the respective conductors.

Any ham who is old enough to have operated before WW2 would certainly testify that the method they illustrate was in practically universal use in the days before common availability of coax cable. In those days, any ham who would go to the trouble of threading the wires through holes in the spreaders would have been objects of pity, if not worse.

NEW HAM COMPANION (NHC)

Title>NHC1:The Doctor is IN
Author>Various
Source>QST Aug 96, pp. 53-54
Abstract>Questions and answers of special interest to newcomers to amateur radio.

Digest>The questions discussed in this issue include the effect of aging on coaxial feed lines; how a Yagi antenna works; grayline propagation; the expense of amateur radio as a hobby; ham clubs; CDROM drives; and other subjects.

Title>NHC2:An Aeronautical Antenna Farm
Author>Taylor, Terry J. - WB5JFM
Source>QST Aug 96, pp. 55-58
Abstract>Describes all the different kinds of equipment aboard commercial aircraft that use different parts of the radio spectrum.

Digest>Commercial airliners carry a great deal of radio gear operating on frequencies from VLF to microwave. This article describes a number of types of systems they use.

Some aircraft use the Omega system for navigating. It operates by virtue of transmissions from eight stations scattered around the world. The transmissions are on 10-KHz., in the audio range! Another navigation guide is automatic direction finding (ADF) equipment that operates between 190- and 1750-KHz.

Aircraft that fly international routes operate HF transceivers to communicate with air traffic control (ATC) centers. VHF is used by marker beacons and the VHF omnidirectional range (VOR) equipment, which is the most widely-used navigation system of all. There are several other systems, including navigation, voice, and data communication channels in the VHF range. The UHF part of the spectrum is used for landing aids, radar transponders, radio altimeters, and aeronautical telephones. Microwave is used by weather radar and also the Global Positioning System (GPS), now coming into wide use for navigation and precise positioning.

Title>NHC3:There's No Place Like Home
Author>Gauland, Michael - AA7JF
Source>QST Aug 96, pp. 59-62
Abstract>Describes how to establish one's own "Home Page" on the World Wide Web.

Digest>/Anyone who has explored the World Wide Web knows what is meant by a "web page": a combination of graphics and text that is just like a page in a magazine. Now it has become very easy for any individual who is connected to the Internet and World Wide Web to have their own "home pages".

Hams are establishing home pages and posting photos of themselves, their shacks, their antennas, short biographies, and other personal information. Now, anyone who has QSOs with them will have the opportunity to know them better by seeing their web pages.

To establish a home page, one needs to learn how to use the Hyper Text Markup Language (HTML). Use of this language makes it relatively easy to assemble attractive assemblages of photos, drawings, graphs, and printed matter in a wide variety of type sizes and styles.

Anyone can probably find basic books on the HTML in their local libraries. Also, one can use a search engine (such as Yahoo!) to find online resources of many kinds. Once people learn to create pages and gain practice at it, they can contact their Internet Service Providers (ISPs) to learn how to post the pages online.

Almost all ISPs provide web space for their clients. Many include the service in their basic charge; others make additional charges. Anyone who finds that their ISP charges too much for the service, might want to check around. It is a very competitive business and anyone should be able to find a supplier that provides home pages for very little additional cost beyond that of their normal Internet access fees.

GENERAL INTEREST ARTICLES (GI)

Title>GI1:Reflections on a Repeater in Paradise
Author>Homsany, Michael - AH8E
Source>QST Aug 96, p. 28-29

Abstract>Describes amateur radio operations in American Samoa.

Digest>AH8E moved to American Samoa in 1987 and has lived there almost continuously ever since. Soon after moving to the islands, he discovered that the coverage of the only VHF repeater was not adequate and decided to establish another one. In this article, he describes some of the difficulties he faced and tells the story of how he was eventually successful.

Title>GI2:The Radio Amateurs of Ceuta and Melilla, and Gibralter
Author>Pataki, George - WB2AQC
Source>QST Aug 96, pp. 44-45
Abstract>The author meets hams in Ceuta, Melilla, and Gibralter.

Digest>Ceuta and Melilla are two small cities that are part of the nation of Spain, although they are located on the coast of Morocco, across the strait of Gibralter. W2AQC recently visited both cities, as well as the island rock of Gibralter. In all three places, he became acquainted with a number of hams. This short article describes his travels and contains more than ten photos of some of them.

Title>GI3:Underground Radio
Author>Bedford, Mike - G4AEE
Source>QST Aug 96, pp. 46-48
Abstract>Cave explorers can use VLF radio to communicate underground. Describes the type of equipment and frequencies used.

Digest>Cave exploring, or "spelunking" as it is known in the USA, is not a hobby for everyone. But there are many dedicated adherents in the US, Britain and France, as well as other countries. Because of the inherent dangers involved, it is clear that good communications underground are a great asset.

G4AEE points out that very low frequency (VLF) radio penetrates rock and earth relatively well. This is because the wavelengths are so enormously long at the frequencies used that all practical communications (of a few hundred feet, at most) are well in the "near-field", where induction prevails. Magnetic fields are not attenuated by rock and soil the way electrical fields are, so can penetrate relatively well. Antennas are multi-turn loops tuned to resonance with capacitors. Hence, they act something like the windings of a transformer coupled through magnetic lines of force.

In both the US and the UK, transmitting on VLF still requires licensing, even though the range is limited to a few hundred feet. However, in the US, radiation below 10-KHz. is not regulated, at all, so there seems to be no impediment to radio transmissions at 9.9-KHz. This is not true in the UK.

The author points out that operating conditions in caves are almost always difficult. Everything is usually wet, muddy, slippery,

confining, and dangerous. Transmitter power is limited by the capacity of portable batteries and signal strength drops not with the inverse square of distance, as in the case of "far field" propagation, but rather with the inverse cube! Therefore, to double the range requires eight times as much power. However, the same effect can be obtained by making the antenna loop eight times larger in area. Practical considerations of confined space limits the size of most underground antennas to no more than about one meter (39-inches) in diameter, but G4AEE and his associates have had good results with that size antenna in caves of all sorts.

Title>GI4:The BayGen Freeplay Windup Radio
Author>Lindquist, Rick - KX4V
Source>QST Aug 96, pp. 50-51
Abstract>Describes a hand-wound, battery-less radio.

Digest>In many of the countries of Africa, and other underdeveloped areas of the world, radio broadcasts are extremely popular and transistor receivers are common. However, the cost of batteries severely limits their usefulness. In an attempt to overcome that limitation, a radio powered by a hand-wound spring-operated motor-generator has been developed. It contains a "clockwork" motor driving a tiny, 3-volt d.c. generator that powers it. There is a hand-crank on the side of the radio that winds up the spring with about 30-seconds of cranking. This will run the radio for about 30-minutes until it needs rewinding.

The receiver covers three bands: the AM broadcast band, the FM broadcast band, and a shortwave band from about 3- to 12-MHz. On the back of the set is a coaxial power jack through which the radio can be powered by an external source of 3- to 9-volts d.c.

The ARRL lab tested one of the radios and found to put out about 16-milliwatts, which was reasonably adequate in a quiet environment. When used with an external 9-volt source, the audio power increased about 6:1.

The radios are being manufactured by the BayGen Freeplay factory near Capetown, South Africa. The factory is subsidized by various UN agencies and the Red Cross. Initial investment capital was put up by British foreign aid, a South African insurance company, and the "Body Shop" cosmetics company.

The factory hires many disabled workers. The radios are sold at cost, about $40, to humanitarian agencies. They are also being sold, for higher prices, in ordinary retail outlets. They can be bought in the USA for $106, including domestic shipping from WindUp Technology, Inc., 7012 22d Avenue NW, Seattle, WA 98117-5625.

3376. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: jcraig@morgan.ucs.mun.ca
Message-ID: <51rao9$73l@coranto.ucs.mun.ca>
Source record: 216519
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

4F@datasync.com>:

Distribution:

David Dees (Ratchet@datasync.com) wrote:
.
.

: >
: > : And what's the matter with; hole theory, relativistic momentum
: > : equations, or just a touch of quantum mechanics. Actually all of the
: > : above are useful in amateur radio but unlike CW you don't have to
: > : master them to enjoy the hobby.
: >
: > : 73 Jerry
: >

: >Why dont all you cry babies just bite the bullet and admit you are too lazy to work at cw? nt4g dave

Look.... anyone who knows an iota about quantum mechanics knows MP2
is better than HF. We now have the technology to use MP2 so why
is everyone still whining about HF??

:-)

--
73 Joe VO1NA

3377. Re: BULLETIN: 14 Year Old Sailor Not Heard in 3 We

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: shendo@access-one.com
Message-ID: <tcpnntpd.16.9.19.6.39.28.3046360759.1357836@access-one.com>
Source record: 216520

WN>In <51k9meINN3e9@network.ucsd.edu>, brent@network.ucsd.edu (Brent Jones) wri
WN>>In article <323abed1.36696011@news.syspac.com>, dnorris@k7no.com (Ohrstal
WN>>Fembrock) writes:
WN>>>Well, he sailed into SF Bay Friday in good health and great spirits.
WN>>>
WN>>>Congrats to him.
WN>>
WN>>Am I the only one here who thinks that a solo sailing of the ocean by a
WN>>*14* year old is pretty stupid, and doesn't deserve a congratulation?
WN>>It seems to say a lot about his parents, if in fact he has any who
WN>>care about him... Sure, lets encourage other children to risk their
WN>>lives for a little bit of attention.
WN>>Brent

WN>brent, ever been out in the ocean in a small boat? i know there are people
WN>that are 4x his age that couldn't make that trip..

WN>and you're coming across as a "safety nazi"...don't do anything that isn't 1
WN>safe. leads to things like ladders that would permit a 200 pound man to chan
WN>the lights on a porch being too large to fit in the space between the porch
WN>the overhang.

WN>you can't get a five gallon pail these days that isn't covered in warnings a
WN>how a small kid could drown in one.

WN>evidently, the kid's a pretty good sailor to make it. i'd suggest laying off
WN>who knows? maybe he even has the judgement to know when not to go as well
WN>(unlike a recent unfortunate event with a small kid and transportation..)

WN>Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
WN>Melbourne, FL duty now for the future of amateur radio
WN>Lombardi's 1st Law of Business:
WN>Companies succeed in spite of their best effort. If they succeed at all.

Jesus people! I traveled the world by myself before I was 17. Kids whom
take the initative to go out and see the world and do things that most
only dream about! 14 years old...says alot about his folks....hes a
crusader and an adventurer....MORE THAN WE CAN SAY ABOUT MOST KIDS THESE
DAYS! I did more before I was 17 seeing the world as an adventurer and a
student of cultures then most people do their whole lifetime! YES this
kid deserves a congradulations! 14 YEARS OLD AND DOING SOMETHING WITH
HIS LIFE...BETTER THAN SITTING AROUND DOING NOTHING BUT DRUGS OR GANGS
OR OTHER THINGS!

High on Life....is what I have always believed...and I have never
regreted it!

Mark WL7LZ

3378. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: carl@ais.net
Message-ID: <51qart$p1n@news.ais.net>
Source record: 216521
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <51kigl$ojq@krypto.zippo.com>, cecilp@magic.bunt.com (Paul Cecil) writes:
>we fall. Not just the "old farts" but all. And if you do not want the
>equivalent of a CB service then you better figure on how you will
>insure only those who are willing to work to be Hams are Hams.
>

What matters is if one is technically qualified ... i.e. understands how the radio(s) and other gear work, how to tell if they're broke, and how to fix 'em ... and I don't think it matters a damned bit if they got this knowledge by studying to be a ham, if they know the stuff because it's their profession (better yet ... they'll know more than most hams), or if they just woke up one morning and found that, though the Grace of God, the knowledge had fallen into their heads ... as long as they know it ... truly know it, not just have memorized the answers without "knowing" it ... I don't care ...

>That to me is what the Code is all about, a hurdle over which the lazy
>can not pass. Only those who are willing to put forth the effort
>should become hams. If we take away the a Code then we need to replace
>it with another hurdle.
>

Why? Why does there HAVE to be a "Hurdle"??? We're not trying to keep people out ... we just want them to know how to use the gear, and how to operate courteously without being a bunch of assholes, right???
(clearly the code does not keep out assholes ... just listen on 20m or 80m and you'll have proof readily at hand ..)

I have no use for the "no pain, no gain" mentality ... there's no honor in working hard if one can work smart ... only a stupid person or a masochist would value something more just because it "hurt" more to get it ... the "hurt" does NOT make the end result more valuable ...

>Finally, Carl. After reading your responses I think I know you. We are
>not that different. You are a "techie", you like being on the cutting
>edge where things are happening and you can be challanged. The problem
>is you expect all other hams around you to be the same as you.

NO, I don't expect all hams to be like me ... I just would appreciate it if they'd stop insisting that I (and others like me) be like them ...

>
>Do not devalue our Ham License by giving it away, Please.
>

Paul ... nobody is talking about giving it away ... I've advocated tougher technical tests across the board ... we just want to modrnize and eliminate an obsolete requirement that doesn't fit today's world.

We have more to fear from the governent if we're perceived as technically backward (which we are, as a service) than from a bit of bickering amongst ourselves over change ...

73,

Carl - wa6vse
carl@ais.net

3379. Q. ON Code Crash

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: <>
Message-ID: <51rhsf$271e@ausnews.austin.ibm.com>
Source record: 216522

Hello Fellow Hams,
I have heard or read of a video tape called Code Crash that teaches Morse code at 5wpm. Has anyone out there used it and would you post your feedback on how good it is and is it worth the 20 dollar cost of the tape? Thanks and looking forward to the answers.

Larry Schroeder
lschroeder@vnet.ibm.com
KD4HSL

3380. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: carl@ais.net
Message-ID: <51qc1s$ptt@news.ais.net>
Source record: 216523
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <51muq3$k1b@sjx-ixn2.ix.netcom.com>, mjsilva@ix.netcom.com(michael silva) writes:
>>
>>The telegraph was used long before 1890. CW has been around for how
>>long? Samuel Morse died in 1872. My dictionary implies CW was invented
>>in 1867. CW is 129 years old, if this info is correct.
>>
>When you switch from talking about Morse Code to CW are you just being
>imprecise? They're normally interchangeable, but not when talking
>historically. The first Morse-encoded Continuous Wave (nondamped)
>devices appeared around the end of the last century, and most of them
>(the arc transmitters) were actually FSK devices, since on key-up the
>carrier wasn't stopped, just shifted in frequency.
>

Morse Code and CW are being used interchangably ... there's nothing
really novel about using the code on radio vs on a wire ... so the
underlying "technology" (the code) has been around for a LONG time.

SSB was not widely used in radio until around the 1950s when equipment
became practical (much of it produced by my one of my old employers ...
Collins)

Carl - wa6vse
carl@ais.net

3381. Re: BULLETIN: 14 Year Old Sailor Not Heard in 3 Weeks

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: Gareth Crispell <stranger@ccsnet.com>
Message-ID: <51qboc$ag0@dublin.bitwise.net>
Source record: 216524

(If a child hasn't been broken to harness
>by age 12, he probably never can be fully civilized, and should
>probably be put down like any other ungovernable creature.)
>

WoW! Seems a tad harsh to me. Before we begin the mass extermination of our children with behavioral problems, maybe a wee bit of psycotherapy would be in order.

N1MSV Gareth

3382. Re: 4-5 kw Generator Recommendations??

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <51rlq6$j3s@lehi.kuentos.guam.net>
Source record: 216525

>Doyle Souders wrote:
>>
>> I am interested in purchasing a 4-5 KW generator for our Radio Club.
>> Its highest use will most likely be Field Day outings and some other
>> emergency preparedness events. My question is which way to go? The
>> local Home Depot sells 5KW Coleman generators for around $600 and it
>> sells Honda 4 KW generators for around $800. I would like some reports
>> on pros and cons for various 4-5 KW generators in the $500-$900 price
>> range. Any points you could share on picking a reliable generator
>> would be appreciated. Obviously it will not be running continuously
>> but it could have periods where it does run 24-48 hours of near
>> continuous duty. Thanks for the inputs.. Doyle KG6MY

From the island of many generators we would definitly recommend the
Honda. Quieter, much more reliable than the Coleman. In the last ten
years I have seen as many broken Coleman generators as I have pretty
girls, and we have a BUNCH of pretty girls here.

73, Jim KH2D

3383. New URL for NF.ZIP

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: stan@mutadv.com
Message-ID: <51rmrs$ra3@news-2.csn.net>
Source record: 216526
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

All who picked up on the "Stray" on p.35 of October QST will be relieved to learn that it's not your FTP client that's the problem, downloading Brian Beezley's NF.ZIP from the published FTP site. An appeal to ARRL HQ elicited this correction (and, it works!):

Stan,

Greetings from the ARRL Technical Department! The NF.ZIP software was removed from ftp://n6nd.nosc.mil because of space limitations. The current source for this software is as follows:

ftp://oak.oakland.edu/pub/hamradio/arrl/bbs/programs/nf.zip

Best Regards, Michael Tracy, KC1SX, ARRL Technical Information Services
---

73 to all de KF0IA,

Stan
--
Stan Huntting, KF0IA
Email: stan@mutadv.com
Fax: 303 444 2314
KaWin home page: http://www.mutadv.com/kawin/
Postal address: 4655 Pleasant Ridge Rd.,
Boulder, CO 80301-1731, USA

3384. Re: PRO - CW !!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: payne@iquest.net
Message-ID: <DxyoE6.63v@iquest.net>
Source record: 216527

carl@ais.net wrote:
>In <323B7D1D.134C@wolfenet.com>, Rick Perry <kg7a@wolfenet.com> writes:
>>I've been reading quite a few messages about doing away with CW or at
>>least not requiring it on various levels of exams. I completely
>>disagree.
>>
>
>Nobody here has said "do away with CW" (as in "ban its use") ... just
>the test requirement is at issue.
>
>> CW is an art form.
>
>So is fingerpainting ... both are equally irrelevant as qualifications
>for a license to use modern digital modes, SSB, etc. on HF.
>
>>We live in an instant gradification society, "I
>>want it now !!". We've been pretty much conditioned in this mode of
>>operation. Why does it have to include ham radio?
>
>It has nothing to do with "instant gratification" it has to do with the
>relevance of licensing requirements in today's world.
>
>What about tradition?
>
>"Tradition" is a set of outdated "values" that the "old guard"
>holds up as "evidence supporting" the maintenance of the status quo.
>
>>Ham radio has a great tradition and CW is part of it. Things like
>>making your first QSO as a new novice (I still remember mine),
>>developing your skills as an operator on CW and phone, moving up to the
>>next license--these are things you can be proud of. Which mode gets
>>through better is not the point. Sure I 've been on for almost 40 years
>>now and I'm an old -- whatever, but I am still proud of my abilities on
>>CW and phone. You are advocating the loss of opportunity. No one "even
>>in the dark ages" wanted to spend time on CW at the start. All I wanted
>>to do was talk on phone. That was in the beginning, but as time passed
>>and my skills increased I had gained something.
>
>I would submit that "gaining" something that is no longer of value (or
>is of no value to the obtainer from the outset) is not a "gain" at all
>... moreover, if one has expended significent time and effort on
>"gaining" it, it's, in fact, a waste ...
>
>>Talk to some of the old timers. Develop some real pride in your hobby

>>and you will try and protect it.
>>
>
>I' trying to protect it ... it's you "old guard" types who are
>endangering it ... you old-timers are the ones, for the most part, who
>are keeping ham radio locked in the 1950s ... that's not protecting it,
>that's signing it's death warrant.
>
> ... blah blah blah ...

Hey! We already HAVE no-code ham radio. It's called CB!!!!
I rest my case.
Don
WB5IQV

3385. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep19.140158.8354@ke4zv.atl.ga.us>
Source record: 216528
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <51g476$lc0@bashir.peak.org> billn@PEAK.ORG (Bill Nelson) writes:
>
>As far as dying modes - isn't SSB dying out, except on the Ham and CB
>bands? Most other communications seem to be FM or digital, due to the
>increased noise immunity.

SSB is still holding its own among the other services. It is still used for international airline communications, is still used extensively by the military, is used by marine services, and has some uses in the point to point services. It doesn't appear to be increasing in share, however, despite attempts to revitalize it with ACSSB. As you suggest, FM or digital (including SS) are supplanting it for some uses (as appropriate to the various spectral segments and usages concerned), and likely will do so to a greater degree in the years ahead. But CW is already, for all practical purposes, dead outside of anachronistic uses by radio amateurs.

Of course amateurs are *allowed* to use some anachronistic methods (though not all, spark is well and truly gone). But since the Part 97 rewrite, amateurs (other than Novice or Tech Plus on the 80m, 40m, and 15m Novice segments) are not *required* to use Morse (other amateur classes may use data modes on these segments, though they must respect the Novice power limit), except on 50.0-50.1 MHz and 144.0- 144.1 MHz (which are the *only* CW exclusive frequencies in all of amateur radio, and where a Morse speed test is not required for access [go figure]).

The previous paragraph may seem convoluted, but is written that way to satisfy the nitpickers. In essence, the only spectrum which is required to be exclusively CW in all of amateur radio is spectrum where a Morse speed test is not required for access. This says volumes about the government's view of the legitimate need for Morse speed testing as an access criteria.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3386. PUBLIC NOTICE ON VANITY CALL SIGN APPLICATION ELECTRONIC FILING

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: "Bart Jahnke, KB9NM ARRL/VEC" <vec@arrl.org>
Message-ID: <324168F2.301F@arrl.org>
Source record: 216529

PUBLIC NOTICE

Federal Communications Commission
1919 M St., N.W.
Washington, D.C. 20554

Release Date: September 18 , 1996

Wireless Telecommunications Bureau Makes the Amateur
Station Vanity Call Sign Request Available for Electronic
Filing on September 23, 1996

On September 23, 1996, an electronic version of the
Amateur Station Vanity Call Sign Request form, will be available
on the Internet at Federal Communications Commission Wireless
Home Page (http://www.fcc.gov/wtb) under Amateur Radio -
Interactive Vanity Call Sign. Detailed filing instructions are
available by clicking on the item number on the Internet form.

Electronic payment is not yet available and applicants must
mail a completed FCC Form 159 (FCC Remittance Advice)
with payment to Federal Communications Commission,
P. O. Box 358994, Pittsburgh, PA 15259-5994.

For technical assistance, please contact the FCC Technical
Support Group at (202) 414-1250. For general questions
regarding the application, please call the Wireless
Telecommunications Bureau, Consumer Assistance
staff at 800-322-1117.

-FCC-

3387. Re: 4-5 kw Generator Recommendations??

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: Doyle.Souders@nsc.com
Message-ID: <Dxzo3M.KA@nsc.nsc.com>
Source record: 216530

After many recommendations to go with the Honda generator I went to the local Home Depot to check it out. It turns out that the generator is still a Coleman generator but it has a Honda engine. Apparently Coleman offers generators with Briggs and Stratton, Tehcumseh, and Honda engines. It looks like the actual generator is similiar on all with the exception of the power rating. Since several of the posts indicated high (140v) output voltage when unloaded I am wondering whether Coleman generators are just lower quality in terms of regulation?? Or is the Coleman generator with the Honda engine still a good deal. It sounds like it will be a lot quieter and the engine reliability is better. Any other thoughts???

Thanks again for enduring these questions but this is a fairly large purchase and I would like to make sure I have all the info before making the plunge.
73, Doyle KG6MY

3388. FS: DC Pwr Plug: Ken, Icom,Yaesu,Alinco

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: n2cjj@LOCALNAME
Message-ID: <b19.9/21/95M52.758239@LOCALNAME>
Source record: 216531
Cross-posted to:
rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.swap

I have found a source for those DC power cord plugs. The ones I've got
have 6 pins, male plastic with metal female (barbed) inserts.

The plug fits most 12VDC HF radios:
Icom 720, 735, 706.. and alike, newer Yaesu models and Alinco DX70.
Kenwood-TS120, 130, 140..430, 440, 450..850,..TS50,60, 660, 670...and alike.

Make your own power cord yourself, YOUR WAY!
Crimp or solder, long or short, heavy gauge wire, purple with polka-dots...

I'm offering the 6 position plug with 6 inserts for $4 each,
or a deal 3 for $10. All prices include postage in the US.

To order, kindly send a check to:

R. Langston
286 Hudson Street
Cornwall-on-Hudson, N.Y. 12520

You can also email me for info at: n2cjj@ibm.net

It's a great deal if you use one rig at home, in the car and at work and
are stuck dragging one power cord all over....

I still can't believe AES, HRO and others get $30 for a power cord. HiHi!
n2cjj@ibm.net

3389. WTB: SWAN SW-140 TRANSCEIVER AND POWER SUPPLY

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: paul@CSWNET.COM
Message-ID: <51s277$r9n@data.csw.net>
Source record: 216532

PLEASE CALL: 501-394-7262

THANKS,

JOHN

3390. Re: the final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep19.172102.9160@ke4zv.atl.ga.us>
Source record: 216533
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <51nj0l$6jd@news.ais.net> carl@ais.net writes:
>In <323C7064.2A60379E@cyclades.com>, "Paul Christenson [N3EOP]" <paulc@cyclades.com>
writes:
>>Tim wrote:
>>> Wrong, The code can be heard farther than ANY other means of
>>> communication with the least power.
>>
>>Nope. Wrong. Incorrect. An unmodulated carrier (a beacon) has that
>>distinction. Once you modulate it, it increases the bandwidth (i.e.
>>power needed). Of course, the amount of information it can carry is
>>quite limited.
>>
>Even an unmodulated carrier cannot be detected at levels at which
>properly coded digital signals can be quite effective at conveying
>useful information ...

Sorry, wrong. Paul is correct on a theoretical level. An infinitely
narrow signal received with an infinitely narrow filter offers the
best detection possibility of any system. Unfortunately, an infinitely
narrow filter has an infinitely long settling time, so throughput is
zero.

Shannon tells us there is another technique with an identical possibility
of detecting a weak signal. That's the case where the signal has infinite
bandwidth. A perfect correlator will then yield the best possible detection
threshold. Unfortunately, correlating an infinite bandwidth also takes
infinite time (at least with known techniques), so throughput is again zero.

So the unmodulated signal, either maximally narrow or maximally spread,
has the best probability of detection. Neither is very useful, however.
As you move to a greater than zero bandwidth to allow the filter to settle
in a finite time, detection possibility decreases, but throughput can become
non-zero. Similarly, as you constrain bandwidth to less than an infinite
value, detection possibility decreases, but correlation in finite time
becomes possible and throughput can become non-zero.

At first blush, it might appear that these two techniques would
converge at a single middle value. That is not so. For any finite
information rate, there will be two points of maximum detectability,
one nearer zero bandwidth, the other nearer infinite bandwidth.
Only in the case of an infinite information rate will the two
points converge, and perversely, have the *worst* probability of
detection. In fact, the probability of detection will be precisely
zero in that case.

>Properly coded signals can "combat" and "avoid" the noise by trading
>bandwidth and redundancy for (post-detection) s/n ratio, whereas the
>unmodulated (or OOK'd) carrier will still be received in a finite
>bandwidth, so it will always have noise to contend with ... as you
>reduce the bandwidth arbitrarily to lower the noise floor, the amount
>of information you can convey is proportionately reduced ...

Coding gain doesn't help you if you can't detect the signal. Shannon sets a hard limit on that of -2 db Eb/No. It is not even theoretically possible to do better, no matter what coding you use. Note that Eb/No is not necessarily the same thing as SNR. It *is* possible with proper coding to work with much more negative SNR values than -2 db. An amateur example is PACTOR II, which can work at a SNR of -18 db. That's below the threshold of detection for the human ear (The human ear, properly trained, is a fairly good, but slow, adaptive filter and can detect signals at a SNR as low as -10 db.), but not below the threshold of the DSP in the PACTOR II box. Note that this corresponds to an Eb/No of about +10 db. Voyager's techniques are better in that they can work at +4 db Eb/No. That means that at least 6 db of Eb/No improvement beyond PACTOR II is possible with known techniques, and that can translate into a much larger improvement in post-detection SNR. For this style of coding, the two are related by the base 2 log of the difference in Eb/No multiplied by the *rate* (also sometimes referred to as the *order*) of the code used.

Coding gain can be applied to the narrow or the spread signal. And it will improve the post-detection SNR of either method. Coding is not free, however, and costs effective throughput. To keep throughput constant, bandwidth must be increased in the narrow case, and narrowed in the wide case, so both techniques start to approach the deadly middle. However, the percentage change in bandwidth for the wide case is less than for the narrow case, so for finite values of throughput, coding gain benefits the wide signal more than the narrow one.

This analysis has only considered the Gaussian channel. Spreading can have other benefits for the interference riddled fading channel which make it even more advantageous.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3391. Unallocated 1x2 and 2x1 Calls

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: sscherme@capecod.net
Message-ID: <51s2ur$jjo@dublin.bitwise.net>
Source record: 216534

http://www.qrz.com/vanity.html

73

Skid Schermerhorn http://www.capecod.net/~sscherme
Cape Cod, Massachusetts http://www.capecod.net/~sscherme/bookmark.htm
USA http://www.capecod.net/~sscherme/church.htm

3392. Re: PUBLIC NOTICE ON VANITY CALL SIGN APPLICATION ELECTRONIC FILING

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: "Bart Jahnke, KB9NM ARRL/VEC" <vec@arrl.org>
Message-ID: <32419010.248B@arrl.org>
Source record: 216535

Bart Jahnke, KB9NM ARRL/VEC wrote:
>
> PUBLIC NOTICE
>
> Federal Communications Commission
> 1919 M St., N.W.
> Washington, D.C. 20554
>
>
> Release Date: September 18 , 1996
>
> Wireless Telecommunications Bureau Makes the Amateur
> Station Vanity Call Sign Request Available for Electronic
> Filing on September 23, 1996
>
> On September 23, 1996, an electronic version of the
> Amateur Station Vanity Call Sign Request form, will be available
> on the Internet at Federal Communications Commission Wireless
> Home Page (http://www.fcc.gov/wtb) under Amateur Radio -
> Interactive Vanity Call Sign. Detailed filing instructions are
> available by clicking on the item number on the Internet form.
>
> Electronic payment is not yet available and applicants must
> mail a completed FCC Form 159 (FCC Remittance Advice)
> with payment to Federal Communications Commission,
> P. O. Box 358994, Pittsburgh, PA 15259-5994.
>
> For technical assistance, please contact the FCC Technical
> Support Group at (202) 414-1250. For general questions
> regarding the application, please call the Wireless
> Telecommunications Bureau, Consumer Assistance
> staff at 800-322-1117.
>
>

-FCC-

Gang: If you file electronically, note that the above PO Box and zip + 4 is different from where you would send your application by mail (if you were mailing the application with the $30 fee enclosed). If you file electronically, be sure to send your Form 159 with the $30 fee to PO Box 358994 per above.

```
--Bart KB9NM
==============================================================
= | ARRL HQ =
= Bart J. Jahnke, KB9NM | Tel: 860-594-0300 =
= ARRL/VEC Manager | Fax: 860-594-0259 =
= 225 Main St | Internet: vec@arrl.org =
= Newington CT 06111 (USA) | MCI MAIL ID: 653-2312 =
= | =
==============================================================
```

3393. Re: DX Club BBS alert doesn't ID.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <51rlht$j3s@lehi.kuentos.guam.net>
Source record: 216536

bd703@scn.org (SCN User) wrote:

>There is a computer generated voice "DX Alert" on the 147.00 repeater
>in Seattle. Apparently this is accessed from a BBS.

>This is fine and dandy except that the alert never ID's after keying the
>radio at the owners home. (never gives callsign so I can't tell the owner)

>Is there some one who can bring this to the owner's attention and get it
>fixed?

>Kerwin

>N7JGW

Kerwin,
I'm not sure if you are saying someone else is running the voice deal
thru the repeater, or the repeater is running the voice deal. Anyway, seems
like the repeater owner should know who it is, and if it's him, the id'er on the
repeater should cover it, I would think. Check the CW id'er on the repeater
and contact the owner of the repeater.

73, Jim KH2D

3394. Re: Learning/Improving CW Skills

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep19.154356.8723@ke4zv.atl.ga.us>
Source record: 216537

In article <51fuad$71e@feldspar.mica.net> vroberts@rpa.net (Vince Roberts) writes:
>Don't waste your time and money on the Gordon West tapes. Get Code
>Quick for a little more than 20 bucks more. It works, or he'll give
>you your money back. Won't get that from Radio Shack

Don't use Code Quick unless you want to have to *relearn* Morse
as you go for higher class licenses. It'll get you through 5 WPM,
but you'll have to *unlearn* the mnemonics before you can get to
13 WPM, and have to relearn the letters as unitary sounds. This
is an unnecessary (and often frustrating and very time consuming)
step that you should avoid. There are effective drill methods which
allow you to learn the letter sounds directly at 20 WPM. They take
very little longer to do, and get *all* the code testing out of the
way in the most expeditious manner possible.

Note, as is readily apparent to many, I have no love of Morse,
but I have helped many people to overcome the barrier to getting
an upgraded license and do know something of what works efficiently
and what doesn't. Code Quick is not an efficient way to achieve the
higher speeds currently necessary for upgrades past Novice or Tech
Plus. (13 WPM is all you really need since Extra offers no significant
privileges over Advanced, but it is very little harder to learn from
scratch at 20 WPM than it is at 13 WPM, so you might as well do that.
Increasing speed above your initially learned speed later is harder
and more time consuming than learning it fast in the first place.)

Note too that the Gordon West tapes, or tape based systems in
general, aren't that much better than the Code Quick system,
though they do avoid the mnemonic trap. That's because you
quickly memorize them, and their utility for drill becomes
negligible. The best methods use computerized drills custom
tailored to your progress. SuperMorse and Morse Academy
(available off the net) can be setup to offer such tailored
drills using the Koch method (or the varient I've written about
here before, which appears to be even more efficient due to
being based on information theory and signal space mapping
considerations).

Once you pass 13 WPM (which is above the speed at which lookup
table associations such as those used in Code Quick or dot and
dash counting methods fail to work any longer), on air practice
can also be helpful in motivating you to increase speed further.
Before you reach this speed range, however, you'll still be
fighting the mnemonics (or dot and dash counting) that you'll
have unfortunately burned into your neural nets by using inferior

training systems, so on air practice will be of little practical benefit, and may serve only as a source of frustration.

You *can* build speed gradually from a low initial level, it is the "traditional" way, but it is also a colossal pain in the ass, and takes much longer than more efficient drill techniques which bypass the speed "hump" where you have to unlearn your initial decoding strategy and learn a more efficient one. Many people stall at the hump, and never achieve higher speeds, or reach them only after prolonged struggle. Learning initially at a higher speed avoids this trap.

A final caveat, one size does not fit all. Everyone will need some customization of instructional technique for best results. What works well for one person may not work well for another. Don't be afraid to change techniques if the first one you choose isn't achieving the desired results. But do be aware that all the strategies take time to work, so give them a fair trial before going to another method. The Chinese found in Korea that it took on average 57 days to achieve the desired level of brainwashing in their captives. Conditioning the brain to be a 20 WPM Morse decoder is likely to take a similar amount of time. (Though it may take longer without the incentive of repeated beatings and constant fear of death.)

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3395. Moto GP300 on 440 Amateur Band ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: asahi@ix.netcom.com
Message-ID: <51rnla$bbk@dfw-ixnews4.ix.netcom.com>
Source record: 216538

ANyone have any experience reprogramming a Motorola GP300 UHF to work
on the 440 Ham Bands ? Specifically 442.150 TX and 447.150 RX .

What is required to reprogram the radio ?

Thanks,
-Steve

3396. Re: Thanks Carl

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <51s9jg$sob@sjx-ixn3.ix.netcom.com>
Source record: 216539

In <51fcg4$njj@news.Hawaii.Edu> jherman@Hawaii.Edu (Jeffrey Herman)
writes:
>
>Gerald Schmitt <kc5egg@ix.netcom.com> wrote:
>>Just a quick note to that Carl for his tireless jousting at the radid
>>pro code folks. When I first got my license I was enthusiastic about
>>all aspects of amateur radio including code. The exposure I got on
the
>>net to the very rabid pro code folks A.K.A Code Nazis has comptletely
>>changed that.
>
>You must have just bought stock in the company Carl works for. His
>voluminous postings are for one and only one reason: He's hinted that
>the company he works for might be producing HF products in the future.
>Now just think what a no-code HF license would mean in regards to his
>bank account.

Jeff, Jeff, Jeff, this is a reach even for you. I have no idea who Carl
works for nor do I care it is not part of the issue. You just don't get
it Jeff. Let me try one more time to explain. Attitudes and accusations
like the drivel you have posted here have an effect. This effect is to
drive "code neutral people", as I once was, to being "anti code"
people, as I am now. Accusations like the one above cerainly support
Gary Coffman's CW/brain damage theory.

>
>You can praise the virtures of the content of his articles but in the
>long run you're only aiding his selfish efforts to reap profits for
him-
>self and his company at the expense of turning HF into a dumping
ground.

Get a grip Jeff companies are leaving the amateur radio market in
droves not trying to get in it. Face it Jeff we're a bunch of whining
cheapskates not a market that will drive stock prices up. You pro code
guys must really be hard up for an argument.

>
>>For the comprehension challenged. I was not against the code when I
got
>>into ham radio. The net is the biggest infulence in turning me
against
>>the fast code test.
>
>Swallowed their bait, huh Jerry?

What does this mean? Did you, by your posts, intend to drive me to a no code test position? If this was your intention then I did indeed swollow the bait. If, on the other hand, you think that the anti code people have influenced me you are very wrong.

>
>>Thanks again Carl keep up the good work.
>
>And his stock holders thank *you*.

Come on in out of the sun Jeff before more damage is done. Work on the logic a bit before your orals you won't pass with tripe like this; or can you think more clearly when the Great God Code is not threatened. We'll be rid of the fast code test before the end of the century then we fix the band plans.

Adios Jerry
>
>Jeff KH2PZ

3397. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: little@pecan.enet.dec.com
Message-ID: <51rojg$enl@usenet.pa.dec.com>
Source record: 216540
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <51kigl$ojq@krypto.zippo.com>
cecilp@magic.bunt.com (Paul Cecil) wrote:

> That being the case... we better start deciding how
> we want to influence the FCC to insure that the Amateur Radio Service
> does not become the CB/Amateur Radio Band.

The "Spectre of CB" again, eh? Please describe what CB has to
do with the amateur radio service? The history of what happened
to the Citizen Band has been discussed here many times before
and it had nothing to do with a code test and everything to do
with the FCC not enforcing the regulations. If you want to prevent
the amateur bands from following the same route, I'd suggest
you help the ARRL in its efforts to force the FCC to increase
instead of decrease enforcement of its regulations.

> To the No-Coders, you will win. But ask yourselves while your
> celebrating did you really want to win like this. If you are not
> carefull you can fracture the Ham Community, and if that happens we
> all lose!

This fracturing has already occurred. It started before incentive
licensing, got worse with incentive licensing, and really split
us apart with the change in the technician class license in 1991.
Seems to me that to eliminate this fracturing we need to eliminate
our current class based licensing structure.

> The Industerial/Communication Services out there will eat us
> alive then what will we have left. Remember: United we stand, Divided
> we fall. Not just the "old farts" but all. And if you do not want the
> equivalent of a CB service then you better figure on how you will
> insure only those who are willing to work to be Hams are Hams.

"work to be Hams are Hams"? What's that mean? Whether someone
works at it or not is completely irrelevant. It's how they behave and
contribute that matters.

> That to me is what the Code is all about, a hurdle over which the lazy
> can not pass. Only those who are willing to put forth the effort
> should become hams. If we take away the a Code then we need to replace
> it with another hurdle.

Why? What's the purpose of having a hurdle? There seems to be little
evidence that supports jumping through a hurdle does anything other
than cause people to jump through a hurdle. How does it relate to
what we want amateurs to do? How does a hurdle make a person

a better amateur?

> And somewhere I remember being told that "that which is not earned but
> given freely away has no value."

Because you heard it makes it true? I personally have little value in
busy work. I value my license for what it allows me to *do*, not for
what I *did* to obtain it. Those that feel a need to be rewarded for
exerting effort are free to participate in all the various amateur
related competitions. They'll be rewarded for what they did, not
what they can do.

73,
Todd
N9MWB

3398. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep19.155347.8825@ke4zv.atl.ga.us>
Source record: 216541

In article <51m26p$lkv@anomaly.ideamation.com> kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:
>In article <51kqn0$kmt@news.ais.net>, <carl@ais.net> wrote:
>
>>We need more people, not less ... but yes, they should be qualified to
>>safely operate radios without hurting themselves or others, and without
>>causing harmful interference to other services ... that's all.
>
>Well Carl, you just made the case for a "no code, no theory" examination.
>If the only purpose of the test is to "safely operate radios" and not
>cause harmful interference, then you can boil the entire 5 technical
>examinations we have today down to a single 10-question multiple-choice
>exam.

If you really believe that's all the knowledge necessary to safely,
and without causing harm to others, operate amateur radios, then I'd
suggest you should put away your radios until you learn what is really
required to do so.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3399. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: Jeff King <jeff@mich.com>
Message-ID: <3241E0BD.6169@mich.com>
Source record: 216542
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

Gary Coffman wrote:
>

> Hello? TCP and IP are level 4 and level 3 protocols respectively. You can
> *not* use them naked. You have to have a level 2 protocol under them.
> On ethernet it is the MAC layer, on VHF+ radio it is AX25, or something
> that serves the same purpose as AX25. AX25 has some warts, but you
> can avoid them if you just use its UI datagrams and forget the VC stuff.
> There's no real need to change this.
>

Isn't using IP on top of a UI AX25 datagram for all intensive purposes,
using them "naked"? I mean, you have no underlying transport layer other
then IP. It was my understanding that the whole AX.25 encapsulation mess
came about as a way to satisfy U.S. requirements. I do know there is a
driver out for NOS (from Poland) that will drive a radio directly
from the UART port (a modified form of SLIP). I've also used a
Livingston
PortMaster running slip to talk to a multipoint spread spectrum based
network we have set up here in Farmington. (and in fact thats how I am
posting this message)

However, I do agree with Brian Kantor. Some sort of underlying transport
layer really helps on long circuits (like AX.25 VC mode). That way you
error check on your most fragile path (the radio path).

Regards,

Jeff WB8WKA

3400. ARLB064 On-line vanity call sign

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: w1aw@arrl.org
Message-ID: <$arlb064.1996@arrl.org>
Source record: 216543
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB QST @ ARL $ARLB064
ARLB064 On-line vanity call sign

ZCZC AG44
QST de W1AW
ARRL Bulletin 64 ARLB064
From ARRL Headquarters
Newington CT September 19, 1996
To all radio amateurs

SB QST ARL ARLB064
ARLB064 On-line vanity call sign

An electronic version of the Amateur Station Vanity Call Sign Request Form 610V will be available September 23, 1996, on the Internet at the Federal Communications Commission Wireless Telecommunications Bureau home page, http://www.fcc.gov/wtb, under Amateur Radio-Interactive Vanity Call Sign. Detailed filing instructions are available by clicking on the item number on the Internet form.

Electronic payment is not yet available. Applicants must mail a completed FCC Form 159, FCC Remittance Advice, with payment to Federal Communications Commission, Box 358994, Pittsburgh, PA 15259-5994. Note that this is a different Post Office box and ZIP code than for vanity requests and payments using hard-copy forms.

For technical assistance, call the FCC Technical Support Group at 202-414-1250. For general application assistance, call the Wireless Telecommunications Bureau, Consumer Assistance staff at 800-322-1117.
NNNN
/EX

3401. Re: 4-5 kw Generator Recommendations??

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <51rqa3$rvm@freenet-news.carleton.ca>
Source record: 216544

Jim Kehler (pacrimgolf@kuentos.guam.net) writes:
>>Doyle Souders wrote:
>>>
>>> I am interested in purchasing a 4-5 KW generator for our Radio Club.
>>> Its highest use will most likely be Field Day outings and some other
>>> emergency preparedness events. My question is which way to go? The
>>> local Home Depot sells 5KW Coleman generators for around $600 and it
>>> sells Honda 4 KW generators for around $800. I would like some reports
>>> on pros and cons for various 4-5 KW generators in the $500-$900 price
>>> range. Any points you could share on picking a reliable generator
>>> would be appreciated. Obviously it will not be running continuously
>>> but it could have periods where it does run 24-48 hours of near
>>> continuous duty. Thanks for the inputs.. Doyle KG6MY
>
> From the island of many generators we would definitly recommend the
> Honda. Quieter, much more reliable than the Coleman. In the last ten
> years I have seen as many broken Coleman generators as I have pretty
> girls, and we have a BUNCH of pretty girls here.
>
> 73, Jim KH2D
>
>

Coleman got bought out, I believe. There's a difference between the old
REAL ones and the new ones. As for the girls, can they fix generators?

--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

3402. A/V teacher changes my life.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <51rqbs$rvu@freenet-news.carleton.ca>
Source record: 216545

An A/V teacher changed my life yesterday. For that, I gave him a hug.
Everyone should do that sometime.

--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

3403. Re: Info-Hams Digest V96 #1067

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: macmike@netnitco.NET
Message-ID: <9609192155.AA15553@aegis.nitco.com>
Source record: 216546

I am searching for information on converting a 11 meter SBE Sidebander V
to 10 meters. Any help out there for this one? It also has a blue
microphone with a Volume control on it is this a speaker/microphone
arrangement?

-.. . .-- ..-. ..... .--. .-.. --- .-- . .-.. .-.. .. -.
Mike Hughes - ETL List Manager - WF5P 211 Woodland Drive
Preacher Lowell, IN 46356.
E-mail: macmike@netnitco.net (219) 696-2436 or 696-3637 H
. -- .--. --- .-. - .- -. - .. -. ..-. --- .-. -- .- - .. --- -.

To Receive the latest most upto date list of churches looking write to:
etl-churchlook@genesis.acu.edu
To Receive list of Preachers looking write:
etl-preacherlook@genesis.acu.edu
Lists are updated as we receive new listings. Do your part to help!

... .- -- - . ... - --. .. ...- . -. .. -. --.- ..- .. .-. . ...-.
.
EOF

3404. Re: Alpha Bravo phonetics: the quickie version

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: Larry Krakauer <larryk@kronos.com>
Message-ID: <3241ADB1.37BC@kronos.com>
Source record: 216547
Cross-posted to: alt.usage.english,sci.lang,rec.radio.amateur.misc

Fritz Whittington wrote:

: > Why did we change from the Able, baker, charlie, etc. to
: > Alpha, bravo, charlie, etc.

: Quebec is pronounced as KAY-bec, which seems like a bad choice,
: since it starts with a sound that suggests the letter "K".
: However, there just aren't many good choices for "Q", and at
: least the city and province are well-known. In quite a few
: other languages, the sound associated with "Q" is more often
: like "K".

Quebec is pronounced (roughly) kay-bec in *French*, but it's usually
pronounced kwe-bec in *English*. It would seem better to have chosen
a word without this ambiguity, such as queen.

--
Larry Krakauer (larryk@kronos.com)

3405. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <51si0m$12i@anomaly.ideamation.com>
Source record: 216548

In article <1996Sep19.155347.8825@ke4zv.atl.ga.us>,
Gary Coffman <gary@ke4zv.atl.ga.us> wrote:

>>Well Carl, you just made the case for a "no code, no theory" examination.
>>If the only purpose of the test is to "safely operate radios" and not
>>cause harmful interference, then you can boil the entire 5 technical
>>examinations we have today down to a single 10-question multiple-choice
>>exam.
>
>If you really believe that's all the knowledge necessary to safely,
>and without causing harm to others, operate amateur radios, then I'd
>suggest you should put away your radios until you learn what is really
>required to do so.

How much "knowledge" is needed by CB folks to safely operate their
radios.

Now, granted, the power limits are a little different, but the same
general concepts apply.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

3406. Re: Alpha Bravo phonetics: the quickie version

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: Fritz Whittington <fritz@ti.com>
Message-ID: <01bba663$ba361420$df525ec0@dorable.hc.ti.com>
Source record: 216549
Cross-posted to: alt.usage.english,sci.lang,rec.radio.amateur.misc

Earle D. Jones <ejones@hooked.net> wrote in article
<ejones-180996124822000l@206.80.6.11>...
> In article <50pj8h$c9e@lyra.csx.cam.ac.uk>, Brian.Kelk@cl.cam.ac.uk
wrote:
>
> > Phonetic Alphabets (Alpha Bravo etc)
> > (brief version)
> >
> > There is a widely known alphabet Alpha Bravo ... Yankee Zulu.
> ============
>
> Excellent! I enjoyed your post very much.
>
> Why did we change from the Able, baker, charlie, etc. to
> Alpha, bravo, charlie, etc.
>
> The changes seemed rather arbitrary. On the average we added syllables:
>
> Fox to foxtrot
> Nan to November
> Queen to Quebec,
>
> but not in all cases:
>
> George to Golf
> Mike remained Mike.
>
> What was the reason for changing?

The example given is the ICAO, or International Civil Aeronautics
Organization phonetic
alphabet. English is the universal language of civil aviation, but
obviously not all pilots
are native English speakers.

The changes were intended to make it less likely that a non-native English
speaker would
mis-interpret a word in the phonetic alphabet. While all the words are
English (except
for Quebec, perhaps), the idea was to find words that non-native speakers
would be
familiar with anyway. For example, "Nan" or even "Nancy" is a given name
familiar to
native English speakers, but perhaps not to a pilot from China. On the

other hand,
"November" is an English word that is needed and probably learned very early in the
process of learning English as a second language. In general, given names were replaced.

"Mike" remains, not as a given name, but as the slang term for "microphone", which is
something a pilot would be expected to know. "Golf" is pretty well-known over the world.
I don't have a good explanation for keeping "Charlie".

Quebec is pronounced as KAY-bec, which seems like a bad choice, since it starts with
a sound that suggests the letter "K". However, there just aren't many good choices for
"Q", and at least the city and province are well-known. In quite a few other languages, the
sound associated with "Q" is more often like "K".

And yes, adding more syllables increases redundancy. If I hear over the radio (*** means
a burst of static noise): ***n, I would have a hard time coming up with "Nan". But if
I hear ***vember, then I've got it.

--
Fritz Whittington fritz@ti.com +1 972 995 0397 FAX: +1 972 995 6194
Mail: Texas Instruments, MS 446, P.O. Box 655474, Dallas, TX 75265
Shipping: MS 446, 13510 North Central Expressway, Dallas, TX 75243
Not an official TI spokesperson - these opinions contain no spokes.

3407. (none)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: hk3sgp@colomsat.NET.co
Message-ID: <199609191328.SAA22750@trauco.colomsat.net.co>
Source record: 216550

HI TO ALL,

I am planning to be in CQ WW RTTY contest.

I will be on 40-10 meters.

I have TH6DXX, 100Watts in TS-850S, AEA-232 DSP AND WF1B SOFTWARE.

Please QSL via CB

73

Siso

==========
========
FRANCISCO "SISO" HENNESSEY
H K 3 S G P ex. HJ3SGP
P.O.BOX: 50281
SANTAFE DE BOGOTA D.C.
COLOMBIA S.A.
PHONE: 0-11-57-3-2119617
E-MAIL:hk3sgp@colomsat.net.co
==========
========

3408. Repairing Vertical

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: upnorth@bconnex.net
Message-ID: <3241D903.12C2@bconnex.net>
Source record: 216551

Has anyone out there ever successfullly "spliced" a vertical antenna?
I had to saw in half the wide aluminum section of an old Hy-Gain
mulitbander when moving some time ago. Now I'm intrested in using it
again. Can one improvies a kind of mechanical "collar" to put the two
peiced back together. And would it electrically work?

73 de Geoff, VA3FQA
va3fqa@amsat.org

3409. IPS Daily Report - 19 September 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <51sjrr$kbt@flare.syd.ips.oz.au>
Source record: 216552
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 19/2330Z SEPTEMBER 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE AUSTRALIAN SPACE FORECAST CENTRE
SUMMARY FOR 19 SEPTEMBER AND FORECAST FOR 20 SEPTEMBER - 22 SEPTEMBER

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 69/3

GOES satellite data for 18 Sep
Daily Proton Fluence >1 MeV: 1.3E+06
Daily Proton Fluence >10 MeV: 1.8E+04
Daily Electron Fluence >2 MeV: 1.2E+08 (moderate)
X-ray background: A1.2
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
20 Sep 21 Sep 22 Sep
Activity very low very low very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 20 Sep: 70/5

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Unsettled to active

Estimated Indices : A K Observed A Index 18 Sep
Learmonth 14 2323 3343
Fredericksburg 10 17
Planetary 15 18

Observed Kp for 18 Sep: 4135 5333

2B. MAGNETIC FORECAST
Date Ap Conditions
20 Sep 15 Unsettled
21 Sep 15 Unsettled
22 Sep 15 Unsettled
COMMENT: IPS Geomagnetic Warning 10 was issued on 19 September
and is current for interval 23-26 September.

3A. GLOBAL HF PROPAGATION SUMMARY

Latitude Band
Date Low Middle High
19 Sep Normal Normal-fair Fair
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
20 Sep Normal Normal Fair
21 Sep Normal Normal Fair
22 Sep Normal Normal Fair
COMMENT: HF conditions at high latitudes are expected to degrade
over the next 7 days.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
19 Sep -8

Observed Australian Regional MUFs:
Darwin: 15-30% depressed for the period 0000-1100UT,
otherwise near predicted monthly values.
Townsville: 15% depressed for the period 0000-1400UT,
otherwise near predicted monthly values.
Sydney: 15-30% depressed for the period 0000-1300UT,
otherwise near predicted monthly values.
Hobart: 15-30% depressed for the period 0000-1200UT,
otherwise near predicted monthly values.

Predicted Monthly T index for September: 9

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
20 Sep 5 near predicted monthly values
21 Sep 5 near predicted monthly values
22 Sep 5 near predicted monthly values

--
IPS Radio and Space Services | email: asfc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/asfc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
tel: +61 2 94148300 | fax: +61 2 94148331

3410. Re: BULLETIN: 14 Year Old Sailor Not Heard in 3 Weeks

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: griffin@jgfl1.allcon.com
Message-ID: <DxzvKp.u0@jgfl1.allcon.com>
Source record: 216553

Bill Newkirk (wnewkirk@iu.net) wrote:
[...]
> evidently, the kid's a pretty good sailor to make it. i'd suggest laying off a bit.
> who knows? maybe he even has the judgement to know when not to go as well
> (unlike a recent unfortunate event with a small kid and transportation..)

He seems to be a pretty good sailor with safety in mind, since he
used a generator _and_ batteries to power his radio(s). If I were
to cross such a distance, I'd make sure to check in every n hours
(which he did apparently, until his power ran out). He announced
his loss of power IIRC, so you can't blame him for that.

Back on topic: did he use marine HF equipment as well or did he
rely on amateur radio alone? However, my congratulations to him.

Just my $.02,
Jens, DB9LL
--
Don't like my opinion? Go get your own!

3411. Amateur Radio Newsline #996 13 Sep 1996

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-19 00:00:00 UTC
From: bigsteve@dorsai.org
Message-ID: <yHdQyQQI8d0B092yn@dorsai.org>
Source record: 216554
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB NEWSLIN @ ALLBBS $NLIN.996
Amateur Radio Newsline #996 13 Sep 1996

The Newsline Information and Copyright Notice is now published seperately every month. Please read this notice before using any part of Newsline in any manner. For a copy of the notice e-mail bigsteve@dorsai.org or netmail Steve Coletti @ 1:278/230 on Fidonet.

Sorry for the delay. Have been out of town on business...
Dale - WD0AKO

NEWSLINE RADIO - CBBS EDITION #996 - 09/13/96

(**)
(* *)
(* A M A T E U R *)
(* *)
(* R A D I O *)
(* *)
(* N E W S L I N E *)
(* *)
(**)

The following is late news about Amateur Radio for Radio Amateurs as prepared from NEWSLINE RADIO scripts by the staff of the AMATEUR RADIO NEWSLINE, INC., formerly the WESTLINK RADIO NETWORK. Amateur Radio Newsline is a audio news service distributed via telephone.

This hardcopy version is produced by Dale Cary - WD0AKO from scripts provided to him weekly by Newsline. It is then distributed to on-line services, bbs networks and internet user jointly by Dale Cary and Steve Coletti.

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For further information about the AMATEUR RADIO NEWSLINE, please write to us with an S.A.S.E. at:

NEWSLINE
c/o Andy Jarema-N6TCQ
P.O.Box 660937
Arcadia, CA
91066

Thank You,
NEWSLINE

(**********
Some of the hams of AMATEUR RADIO NEWSLINE: WA6ITF WB6MQV WB6FDF K6DUE W6RCL N6AHU N6AWE N6TCQ K6PGX N6PNY KU8R N8DTN W9JUV KC9RP K9XI KB4KCH KC5UD KC0HF G8AUU WD0AKO DJ0QN and many others in the United States and around the globe!!!
(**********
[996]

C L O S E D C I R C U I T A D V I S O R Y

EMERGENCY FUNDING

The following is an important closed circuit advisory. Attention all bulletin stations. Newsline is once again on the verge of bankruptcy and existing hand to mouth. We urgently need your support to survive.
As we have said many times, the decision whether Newsline stays or goes is yours. If you want this service to continue, we will need your ongoing financial support, and it is needed right now.
The address for the Newsline Support Fund is:

NEWSLINE
P.O.Box 660937
Arcadia, California
91066

This ends the closed circuit with Newsline report number 996 for release on Friday, September 13, 1996 to follow.

(*****
The following is a QST

Hams in the Carolinas face the fury of Hurricane Fran as a CBer in Arizona faces the wrath of the FCC. Find out more about both on a special extended Newsline report number 996 coming your way right now:

(*****
HURRICANE FRAN

Packing winds in excess of 105 miles per hour, Hurricane Fran hit the United States along the Carolina shoreline near Cape Fear at about 10 PM Eastern time on Thursday September the 5th. According to the Reuter news agency, ham radio operators in the Myrtle Beach South Carolina clocked winds in excess of 120 miles per hour in their reports to the National Weather Service. The storm submerged beach towns, ripped steeples off churches and snapped trees into sticks as it roared through the Carolinas. At least a dozen were people were left dead in its wake.
According to news reports, ham radio was a vital link in coordinating all aspects of this emergency. When the Shenandoah National Park closed Skyline Drive in Virginia and evacuated visitors, ham radio carried a part of the message. Hams also assisted in the pullout of over a half-million tourists and residents had been ordered to evacuate the coast in North and South Carolina. More than 19,000 people packed shelters overnight, shelters manned by volunteer workers standing side by side with ham radio communicators.
Earlier in the day, hams were put on alert as Hurricane Fran approached the southeastern coast. Much of the activity was on 75 meter SSB with South Carolina ARRL section manager Mike Epstein, KD1DS, activating an ARES and RACES net with the state SSB net serving as backup. The Georgia state emergency SSB net was on 3975 kHz while the Virginia state emergency nets held forth on 3910 kHz and 3947 kHz, respectively. Jerry Herman, N3BDW, reports that the Hurricane Watch Net was activated on 14.325 MHZ in coordination with the National Hurricane Center station W4EHW, in Miami as the storm approached.
In North Carolina, hard hit by Fran, Gary Pearce, KN4AQ is the ARRL Public Information Coordinator in Raleigh:

"We have an HF net operating, the Tar Heel Net operating on 3923. VHF nets on all the repeaters that are still standing. Most of the major repeaters managed to survive the hurricane. There have been over 8000 people displaced into shelters across the eastern part of the state. And amateur operators are manning most of those shelters. Providing communications in areas where telephone support is not available." KN4AQ

One of the big casualties of Fran has been cellular telephones. In reality, cellular phones are nothing more than a radio link to the wired telephone network. When the wires come tumbling down everyone tries to use their cellular phones. The remaining lines get overloaded and service goes away. That's where ham radio takes over. Again, Gary Pearce, KN4AQ:

"The NWS office here in Raleigh lost telephone service very early in the store and attempted to use cellular phones to provide backup. And were unable to get any cellular connections because the cellular circuits were overloaded. So we have staffed the weather service office with an amateur until just a few hours ago when their phone service was finally restored." KN4AQ

And seeking about the National Weather Service. Many hams put themselves at risk to keep their communities and the NWS informed of Fran's devastation on a local level. Throughout the night and into the morning hours of Friday the 6th, hams primarily using 2 meter FM, kept the media

and the world informed with reports like that of a tornado touching down on a bridge near Wilmington and power lines touching and exploding on a bridge just outside of Wilmington and power lines sparking in wind at Surf City. As we go to air, Hurricane Fran is nothing more than an unpleasant memory for many and a night that hams along the U.S. east coast will never forget.

(*****
HAM TO FLY TO HURRICANE FRAN

With Hurricane Fran keeping radio amateurs busy in the Carolinas, another ham was getting ready to head toward the main strike zone even before the eye of the storm had moved ashore.

For one radio amateur, Fran means business. Brian Peters, WD4EPR is a National Weather Service Meteorologist. While Frans eye was moving ashore in North Carolina, Peters was getting a phone call at his home in Birmingham. The weather service assigned him to be part of a natural disaster team to survey Frans damage.

"They have arranged to have either the NOAA plane or to have a Civil Air Patrol plane at Sea with myself and possibly a couple other folks will be in the plane to do an aerial assessment of the extent of damage and to try to do an aerial mapping if you will, of the damage that occurred. To get some idea of how extensive the wind field was from the storm." WD4EPR

Peters says projects like this help increase our understanding of just how devastating a hurricane can be.

"Last year when we had Hurricane Opal affect Alabama is we basically had at least gusts to hurricane force very much further inland than what most people were anticipating. And so it's going to be really interesting here to be able to, to try to get a handle on the extent of the wind field associated with the, what will become a dissipating hurricane. And to see exactly how far inland this wind field does extend." WD4EPR

Peters job was to be mostly in the air, flying over areas hit hard by Fran. He will be taking notes, shooting still pictures, and recording video. Hurricane Fran is just part of what has made 1996 a noteworthy year for Brain Peters. He spent 7 weeks in Atlanta during the summer, helping provide specialized weather services in support of the Olympic Games.

"And now doing Hurricane Fran. You know it has been and interesting year." WD4EPR

What is like to follow in the wake of a storm like Fran? That part of the story when Brian Peters returns.

(*****
ARRL WILL ASK CHANGES IN RF SAFETY RULES

The ARRL will seek reconsideration of certain aspects of new RF exposure safety rules as they apply to the Amateur Radio service. Newsline has learned that the League's executive committee has authorized the filing of

a petition for partial reconsideration of the Report and Order in the FCC's RF safety Docket 93-62. While details are still a bit sketchy, it is our understanding that the League will claim that the data used in formulating the new rules was flawed. Therefore the action taken to create them is arbitrary and shortsighted.

(*****
WHITE HOUSE AND ARRL GET CB'er FINED $6000 FOR HARASSING AZ HAMS

The Arizona Repeater Association, the ARRL's Amateur Auxiliary and the First Lady have teamed up to bring the wrath of the FCC down on a CB operator. A CBer who the FCC says spent the last four years harassing legitimate ham radio operators in Phoenix, Arizona.
Timothy H. Hoffman has been issued the Notice of Apparent Liability to Monetary Forfeiture in the amount of $6000. This, after being charged with transmitting on the amateur bands without a valid license, willfully and maliciously interfering with the radio communications of licensed radio amateurs and failure to allow a station inspection by FCC personnel.
The action against Hoffman comes after members of the Arizona Repeater Association working hand in hand with the ARRL's Amateur Auxiliary went the political route. According to Lance Halle, KC7FVX of the Arizona Repeater Association, for about four years Phoenix repeaters have been plagued with what he termed as vile, malicious interference. The alleged culprit would mimic legal hams, use their callsign and cause all sorts of vulgar interference. Especially with nets and phone patches.
Halle says that the CBer had several followers and that they would selectively wage war on one ham after another. This included death threats and phone harassment to blind ham perpetrated via area autopatches.
Halle tells Newsline that almost two years ago Arizona Repeater Association's Local Interference Committee located the individual, and turned him in to the FCC. At that time there was still a manned monitoring facility nearby in Douglas, Arizona. The agents running the facility had been following this interference for several years and were delighted with the information supplied by the ham radio group. They were quick to pay him a visit one evening while he was singing vulgar lyrics over a Swap Net and issue a Notice of Violation.
That stopped him for a couple of months, but soon he was back on the air. He taunted local hams telling everyone that even the FCC couldn't stop him. KC7FVX says that the Interference Committee and it's staff of Official Observers continued to DF, record, and document his activities. Since he was unlicenced they forwarded this info to both ARRL and FCC. After about a year of no action, with the approval of the ARRL they began a letter writing campaign to congress and the President of the United States. Enter the White House and the first lady. A few weeks ago Halle says that received a letter from the Chief of the FCC's Compliance and Information Bureau. It stated -- and we quote --

"First lady Hillary Clinton requested I answer your inquiry."

The FCC official went on to indicate she was aware of the case, but since it was under investigation, she could not divulge any information. Shortly

thereafter Halle received responses from three congressmen who had also heard from the FCC. The big surprise came when the $6000 Notice of Apparent Liability was issued to Hoffman.
Halle says that it seems the system does work, but needs a little help now and again from congress. He says that A lot has been learned from this experience, both locally and by ARRL. That the ARRL's volunteer Official Observer program and Local Interference Committees are effective in combating this type of problem although sometimes you do have to go the political route. Halle adds that none of this would have been possible without the hard work of the ARRL's Amateur Auxiliary to the FCC.
Hoffman was given the usual thirty days to respond to the Notice of Apparent Liability. At air time it is unknown if he plans to file an appeal.

(*****
K7UGA SUFFERS MINOR STROKE

Amateur radio's elder statesman has been hospitalized in Phoenix, Arizona. We have word that retired Senator Barry M. Goldwater, K7UGA, was admitted on Monday, September 9th to St. Joseph Hospital in Phoenix after suffering what family members call a minor stroke.
According to his daughter Joanne Goldwater, her father had gone to the hospital for some tests. During the evaluation it was found that he had suffered the stroke. A hospital spokesman confirmed that the stroke was very minor and that Barry had not suffered any paralysis. The spokesman says that K7UGA's release from the hospital will depend on the results of further tests.
President Clinton visited Senator Goldwater in his hospital room on Wednesday the 11th. He later told reporters that Barry spoke very clearly and that the well known Goldwater smile was the same.
Get well wishes can be sent to:

Barry Goldwater - K7UGA
at his Callbook address.

(*****
LEGAL SEMINARS AT ARRL CONVENTIONS

A Continuing Legal Education seminar with a long title will be presented at two ARRL conventions during October. Called "Land Use Regulation of Federally Licensed Communications Facilities and the Doctrine of Federal Preemption" its first outing will take place when ARRL General Counsel Chris Imlay, N3AKD, and Mike Raisbeck, K1TWF, will present the seminar. This, at the New England Division Convention, October 4, at the convention site, the Holiday Inn, Boxboro, Massachusetts. Imlay and Phil Kane, K2ASP, will present a CLE seminar October 18th, at Pacificon '96, at the Hilton Hotel, Concord, California.
Credits will be available for both seminar sessions for a nominal fee. Otherwise, the seminars are free.

(*****
PHASE 3 D LAUNCH DATE APPROACHING

The launch of ham radios next shining star could come a lot earlier than previously thought. Construction of AMSAT's Phase 3D satellite is well along and the French have now cleared the Ariane 502 booster to fly. Phase 3D is more than just a replacement for the aging Oscar 13. The technology being carried to space by this bird will usher in a whole new era in ham radio orbital relay communications.

(*****
SPY BIRD

The London's Daily Telegraph reports that a fragment of an Ariane rocket traveling at 31,000 miles per hour vaporized a portion of France's Cerise spy satellite last month. The collision destroyed part of the six yard long gravity stabilization boom of the satellite.
Using Russian and U.S. tracking technology, scientists at the University of Surrey were able to determine that the debris originated from a 1986 final stage failure of an Ariane rocket. Ironically, the Cerise satellite -- used by the French military to map radio emissions was also launched aboard an Ariane last year.

(*****
SUNSAT

One of the more unusual projects riding on the SUNSAT experimental satellite slated for launch in March of 1997 is an experiment that will monitor the internal sounds of the spacecraft during the early part of its mission in space. Through this experiment, it should be possible to hear things such as the gravity gradient boom extending and locking into place, creaking sounds caused by thermal changes to the spacecraft structure, and sounds from the reaction wheel assemblies. Sounds from the spacecraft will be available in real time through a 2 meter FM downlink transmitter, and promise to hold a lot of interest.

(*****
GB2RS CHANGE

From the Radio Society of Great Britain comes word that the 2 meter GB2RS news broadcast at 9:30 AM local time in Cornwall is now repeater relayed.
Starting on September 1st, the broadcast is being made through the north Cornwall repeater on repeater channel R5. This is a test period of four months. The purpose of the experiment is to improve coverage in this difficult terrain.

(*****
WINDTRACKS

It has been a busy summer for members of the Central Indiana Balloon Experimenters Group. Windtracks 9 launched its third balloon for the summer from a school in Howard County. Kokomo hams working with students at the Greentown Central Middle School helped launch and recover a three package payload.
The balloon rose to nearly 100,000 feet before bursting and floating back to earth. During its two hour flight, hams checked in from Wisconsin,

Ohio, western Pennsylvania, central Illinois, and from all over Indiana. Pictures could be seen from the onboard camera at sites in Ohio and Pennsylvania.
The students ran the 2 meter and 75 meter nets. The packages were recovered about twenty miles from the launch site.

(*****
OKLAHOMA DX ASSOCIATION 1996 DX BANQUET

The Oklahoma DX Association says it's 1996 DX Banquet featuring presentations by globe trotting DXpeditioner Vince Thompson, K5VT, and Bill Kennamer, K5FUV, who is the manager of the ARRL's DXCC Program. This year's event will take place on Saturday, November 9, at the River Oaks Golf Club, located just east of Edmondton, Oklahoma. The registration deadline is October 31st. For more information look on the clubs world wide web site at:

www.pcok.com/~n5ogp/okdxa

(*****
DX

In other DX news, look for G4FUI on the air from Lesotho portable 7P8. Martin plans to operate both CW and SSB. You have until early December to work him. QSL via G4FUI.

And WA4DAN plans to operate portable CY0 from Sable Island from October 22nd to the 29th, including the CQ World Wide SSB Contest. Other team members are AH9C, KW2P, VK2BEX, and AA4VK.

TT8SP has been very busy from Chad. Check out 18.070 MHz at 16:30 UTC, 10.102 MHZ at 23:30 UTC and between 14.003 to 14.019 MHZ after 20:00 UTC. He has also been on the low end of 80 meters at 04:30 UTC. QSL via F5OIJ.

(*****
JOHN P. ALEXANDER, K6SVL, SK

And some sad news for the DX world. John Alexander, K6SVL, of Rancho Palos Verdes, California, died of cancer on August 30th at age 73. John was the Southwestern Division representative to the ARRL DX Advisory Committee. ARRL Southwestern Division Director Fried Heyn, WA6WZO has fond memories of his friend of more than two decades:

"I remember him 20 years ago when he took us under his wing at the DX Convention in Visalia. I'm heart broken about it and it was really the best rep that I have had in the DXAC." WA6WZO

In addition to serving on the DXAC, John was active in local DX organizations and was a past president of the Southern California DX Club. John was also a lifetime friend of Newsline and he will be missed by all.

(*****
HIRED HACKER

And finally, what do you do when you lock yourself out of your computer
and can't remember your password? Hire a computer hacker of coarse. That's
what a California school district did a few weeks ago, and repercussion are
being heard statewide.
It seems that students at Palisades Park High School needed transcripts
to send off with college applications, but they were all in the school
computer and nobody who knew the password could be reached. The school
principal was away on vacation and could not be reached. Another employee
had suffered a stroke and everyone else was either on vacation or away
working at other jobs.
So the school superintendent apparently gave the green light to hire a
hacker. But not just any hacker. The person hired was a sixteen year old
who was able to break the secret code and get the needed transcripts out.
And he did not work for free. After he completed his mission he billed the
school system $875 based on a fee of $25 an hour.
Right now school officials are still trying to justify the expense to
the school board. That could go on for some time. But it should make us
all ask the question of who says that there is no entrepreneurial spirit
left in todays youth?

(*****
And for this week, that's all from the Amateur Radio Newsline. You can
write to us at:

NEWSLINE
P.O.Box 660937
Arcadia, California
91066

For now, with Bill Pasternak, WA6ITF at our editors desk, we at Newsline
say four weeks and counting, 73 and we thank you for listening.

(* * * Newsline is copyright 1996 & all rights are reserved. * * *
--
< ^^>
< "Big Steve" Coletti >
< Computer and Network Installation, Upgrades and Repair. >
< Internet: bigsteve@dorsai.org >
< I was balding, then I installed Windows 95 and pulled the rest out. >
< US Mail: P.O. Box 396, New York, NY 10002 >
< Fax Weekdays/Voice Weekends: +1 212 995-2637 >
~~~~~~
~~~~~~

3412. Re: Moto GP300 on 440 Amateur Band ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: Peter Gottlieb <peter_gottlieb@msn.com>
Message-ID: <01bba687$c91c6e20$3c102399@peter-s>
Source record: 216364

Steve Barden <asahi@ix.netcom.com> wrote in article
<51rnla$bbk@dfw-ixnews4.ix.netcom.com>...
> ANyone have any experience reprogramming a Motorola GP300 UHF to work
> on the 440 Ham Bands ? Specifically 442.150 TX and 447.150 RX .
>
> What is required to reprogram the radio ?

Assuming the radio covers the ham bandsplit, you will need the Motorola
programming software and the special adapter and cable. This is usually
too costly to purchase for doing only a single radio, even if you (God
forbid!)
get a bootleg copy of the software (I have heard that some "dealers"
give it away when selling the radios).

Try to find someone who will program it for you, or bring it to a Motorola
shop and pay the $40 or so. If you are going to get into these radios (and
they are quite decent, BTW) you can spend some time trying to collect
the necessary stuff to do it yourself. I am sorry but I cannot help you as
I have neither the cables or the software.

If the radio is not the correct bandsplit, some versions of the software
can
be overridden by holding the shift key pressed when entering the freqs
(except
for the decimal point) and the freq will then appear unshifted when you
enter
each one.

Good luck!

3413. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: carl@ais.net
Message-ID: <51so45$5aa@news.ais.net>
Source record: 216365
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <51no6o$56t@cc.iu.net>, wnewkirk@iu.net (Bill Newkirk) writes:
>In <51hlit$t2l@news.ais.net>, carl@ais.net writes:
>>This is true as well ... I'd carry it a step further ... NO
>>GRANDFATHERING ... I'd require all existing licensees to be retested to
>>the new standards ... let's see of the CW olde fartz can "cuat the
>>mustard!" This would not burden the FCC significantly, and would
>>provide an opportunity to cull the SKs out of the license database ...
>>no retest, no license ... dead or alive ...
>
>this could be a bad thing -- do you want to cull out a significant number
>of amateurs that are currently in the body count? sure, it'd be good to know
>exactly where we stand on population, but now's probably not the time
>to do it.
>

Only if they're completely unable to pass any element of the test ...
probably only a few percent ... retesting will also allow the inactives
and silent keys to be purged from the FCC database ...

However, the current "extras" who don't know Ohm's law would be
"demoted" to a level comensurate with their demonstrated competence.

That's be rough on them, for sure ... they'd have to admit that they're
not really superior to some no-code tech who knows how radio works ...

Carl - wa6vse
carl@ais.net

3414. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: carl@ais.net
Message-ID: <51sor6$5aa@news.ais.net>
Source record: 216366
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <32402BDD.4DA0@gte.net>, Jim Conn <jconn@gte.net> writes:
>
>Hi Carl,
>
>Thanks for clearing that up.
>

ur wlcm

>I do believe the majority of hams answering the ARRL survey will come out
>in favor of keeping the morse requirement. Not because we are against
>new and better modes, but because so many hams like to use it. I
>personally thought the survey was loaded toward reducing or eliminating
>the morse test requirement.
>

I think that the majority answering the survey may well lean
towards the keeping the code test ... however, I think that's because
the ARRL "membership" consists of two factions ... the "old guard" (who
favor CW above anything and everything) and the "subscriber-member" ...
the guys like me who ONLY send their $xx/yr to Oldington to get QST
delivered every month ...

>As one who works day to day with the latest in telecommunications
>technology, I can say with confidence that in a very short time, using
>ADSL technology, voice, video and 1.44 megabit data will be available to
>everyone via their regular copper phone line for a paltry few bucks. We
>are field testing it now. High speed digital communications will become
>so easy and cheap in the next few years, even the most advanced SS HF
>radio amateur modes will be obsolete by comparison of cost/performance.
>Mankind is ready to once again "jump the curve."
>

I agree that new technology will provide great service at low cost ...
but I still think that there should be a place for a modern, advanced
ham network ... the phone company and the rest of the internet are
vulnerable to outages, particularly in times of disaster, because of the
distributed nature of their physical plant (cables).

A modern ham network, as a part of the global internet, could provide
robust connectivity, albeit not at T-3+ rates, that would span the
breaks in the global network at the times and places where it was most
needed.

I firmly believe that there is still much that hams can do to advance the state of the art and to provide meaningful public service.

I fear that we've become too much of a nostalgic "just a hobby" for our own good and continued survival ...

>Will ham radio still be fun? Yes, as a window on an earlier time, an
>earlier technology, whether you enjoy morse, CLOVER, RTTY, SSB or some
>other mode.
>

Fun it in the eye of the beholder ... CW is NOT fun to MANY ... it's a useless pain to be endured to many ... as a "window to the past" ham radio holds no particular value to me ... as a "window to the future" it's priceless ... I think many feel that way, but the establishment insists that they look backward and resists their attempts to look in the direction where they can provide the most benefit to the service and to the public ...

Carl - wa6vse
carl@ais.net

3415. Re: Alpha Bravo phonetics: the quickie version

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: Uncle Bob <degerberg@aol.com>
Message-ID: <01bba68d$256e3640$4e71a0cd@Degerberg.Trend1>
Source record: 216367
Cross-posted to: alt.usage.english,sci.lang,rec.radio.amateur.misc

The new alphabet is much easier to understand in conditions where there is
a lot of static and supposedly easier to use for those who do not speak
english.
Uncle Bob

Earle D. Jones <ejones@hooked.net> wrote in article
<ejones-1809961248220001@206.80.6.11>...
> In article <50pj8h$c9e@lyra.csx.cam.ac.uk>, Brian.Kelk@cl.cam.ac.uk
wrote:
>
> > Phonetic Alphabets (Alpha Bravo etc)
> > (brief version)
> >
> > There is a widely known alphabet Alpha Bravo ... Yankee Zulu.
> ============
>
> Excellent! I enjoyed your post very much.
>
> Why did we change from the Able, baker, charlie, etc. to
> Alpha, bravo, charlie, etc.
>
> The changes seemed rather arbitrary. On the average we added syllables:
>
> Fox to foxtrot
> Nan to November
> Queen to Quebec,
>
> but not in all cases:
>
> George to Golf
> Mike remained Mike.
>
> What was the reason for changing?
>
> regards,
>
> earle
> =====
>
> __
> __/_\
> /_\/_/
> \/_/_\ earle

> \/_/ jones
>

3416. Re: the final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: carl@ais.net
Message-ID: <51sqbb$5aa@news.ais.net>
Source record: 216368
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <1996Sep19.172102.9160@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>In article <51nj0l$6jd@news.ais.net> carl@ais.net writes:
>>In <323C7064.2A60379E@cyclades.com>, "Paul Christenson [N3EOP]" <paulc@cyclades.com>
writes:
>>>Tim wrote:
>>>> Wrong, The code can be heard farther than ANY other means of
>>>> communication with the least power.
>>>
>>>Nope. Wrong. Incorrect. An unmodulated carrier (a beacon) has that
>>>distinction. Once you modulate it, it increases the bandwidth (i.e.
>>>power needed). Of course, the amount of information it can carry is
>>>quite limited.
>>>
>>Even an unmodulated carrier cannot be detected at levels at which
>>properly coded digital signals can be quite effective at conveying
>>useful information ...
>
>Sorry, wrong. Paul is correct on a theoretical level. An infinitely
>narrow signal received with an infinitely narrow filter offers the
>best detection possibility of any system. Unfortunately, an infinitely
>narrow filter has an infinitely long settling time, so throughput is
>zero.
>

Gary ... you know as well as I do that an infinitely narrow signal
cannot be generated and an infinitely narrow filter cannot be built ...
and yes, that if those two practical realities were repealed the
throughput would still be ZERO ... so why not just agree that the
argument is "false" ... how about "false, within the limits of
realizable waveforms and equipments" ... OK??? (geeze ...)

>
>>Properly coded signals can "combat" and "avoid" the noise by trading
>>bandwidth and redundancy for (post-detection) s/n ratio, whereas the
>>unmodulated (or OOK'd) carrier will still be received in a finite
>>bandwidth, so it will always have noise to contend with ... as you
>>reduce the bandwidth arbitrarily to lower the noise floor, the amount
>>of information you can convey is proportionately reduced ...
>
>Coding gain doesn't help you if you can't detect the signal.

Yes, Gary ... I didn't say anything about repealing the laws of nature
..
[lenghly analysis omitted for brevity's sake, but it was good ...]

>
>This analysis has only considered the Gaussian channel. Spreading
>can have other benefits for the interference riddled fading channel
>which make it even more advantageous.
>

I thought that's sort of what I said ...!?! :-)

Carl - wa6vse
carl@ais.net

3417. Re: Morse Code again (was Re: re: do we build? was(re: arrl survey ignores 7 of 8 wrc-99 issues!)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: carl@ais.net
Message-ID: <51sns7$5aa@news.ais.net>
Source record: 216369
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew

In <51p2v7$6qt@mgate.arrl.org>, Ed Hare <ehare@arrl.org> writes:
>
>It is my personal opinion that Morse Code is important to the Amateur
>Radio Service for a number of reasons. The most important is that it is
>apparently important to a significant number (significant is not
>necessarily defined as a majority) of us. The alternatives proposed are
>important to a significant number of us, too, so those who are proposing
>solutions that do not consider the needs or wishes of others with
>alternative views are proposing solutions that are more divisive than
>useful.
>

So the code should be forced down everyone's throats, because SOME
SEGMENT of the ham community views it as "important" (to them).

That makes ZERO sense, Ed ... how would the CW folks like it if the
digital folks forced a test in coding software algorithms for DSP on
them? After all, those skills are *important* to a(n ever-growing)
group of hams ...

Sounds like a *practical* test to me ... write some software routines
that implement an FFT, a Hilbert transform, do some digital modulation
and demodulation, complex filtering, etc. ... maybe even implement
some convolutional codes and a Viterbi decoder or two ... Would the CW
folks find this an appropriate *pass/fail* test element? (If not, WHY?)

I would submit that jaming things that they don't consider relevant down
people's throats will *always* generate some "devisive" feelings on the
part of the "jamee" ... yet that's what the code folks have been doing
to everyone for years and years ... and we're sick and tired of it ...
to quote "Network" ... "We're mad as hell and we're not going to take it
any more!"

If that's "devisive," so be it ... I guess we need some "dividing" ...
it's not always bad to stir things up a bit ... unless all you care
about is maintaining the status quo at all costs ...

Carl - wa6vse
carl@ais.net

3418. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: carl@ais.net
Message-ID: <51sred$5aa@news.ais.net>
Source record: 216370

In <DxwonG.Cty@mv.mv.com>, Bryan King <kingbp@ka1fqt.mv.com> writes:
>
>Learning CW was how I earned my ticket in 1980 and how I communicated on
>HF for 10 years. If the FCC had recertification tests every 3 years for
>radio amateurs, I'd still pass it at 13 WPM, no problem. As a matter of
>fact, I think CLASS recertifications are a great idea!! Test theory and
>code and perhaps introduce some new updated theory at the same time.

I like the idea of class recertification ... and introducing new,
updated theory/technical material ... drop the code and it's perfect.

>What
>better way to keep a pool of skilled technical talent current on the
>latest technology, regulations and theory?
>

You're going to be increasingly unable to convince newcomers that the
code is relevant ...

>
>Working towards lowering the standards by which you must still retain
>those privileges does not improve the Amateur Radio Service, it has the
>opposite affect.

Dropping the code test does not lower the standards in any relevant
terms ... since increasingly larger numbers of prospective hams find the
code irrelevant ... the only "value" in the code is the "value" that's
assigned to it by its afficionados ... nothing more ... "we like it" is
not a relevant criteria for determining legal licensing requirments.

>CW serves a purpose which is to provide a challenge to
>those people who desire to earn the Amateur Radio License and the
>privileges that come with it. I don't know about you, but I enjoy a
>challenge.
>

We don't consider it a challenge ... we consider it a useless, very
distasteful, ordeal, nothing more ...

I like a challenge, too ... for me, it's designing something that works
better, faster, and more reliably ... and costs less ...

However, having a "challenge" to "overcome" is also not an appropriate
reason for extablishing a licensing "requirement" ... that's sort of
like saying ... "We can make the driver's license holder appreciate his
license more by tying his hands behind his back and making him wear a
blindfold for the driving test ... that'll provide some challenge and

make him appreciate the license more, so he'll be a better driver for having overcome the challenge." (DUH!!!)

The issue that's being debated here is "what are appropriate licensing qualifications?"

What (even the majority of) current hams *think* or *want* is actually totally irrelevant ... it is the FCC's legal responsibility to determine the *absolute minimum* qualifications that are in the public interest (and "the public interest" goes FAR beyond the ham community .. that includes safety, rules compliance, and the theory/technical knowledge necessary to assure technical compliance of operations without interference to other services ... nothing more.

(NO, I'm NOT advocating a CB ... technical tests are, and will always be necessary, but the code has outlived its time as a necessary licensing requirement.)

Carl - wa6vse
carl@ais.net

3419. Re: Thanks Carl

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <51spnh$3vp@dfw-ixnews8.ix.netcom.com>
Source record: 216371

>In <51do8l$qev@krypto.zippo.com>, cecilp@magic.bunt.com (Paul Cecil)
writes:
>>
>>I am sorry Jerry but I am not convinced. You use the phrase "Code
>>Nazis" to describe the pro-coders, but I view the code as the
>>TANSTAAFL. "There ain't No Such Thing as a Free Lunch" There must be
>>some way of making someone earn the right to be a HAM. I see the code
>>as the final hurdle to graduation.You, Carl, and the others may be
>>right that the Code will go away. But what do you intend to use as a
>>final hurdle. If you give away the Amateur Radio License then why
>>should anyone respect it.
>>
>

Paul I missed this first time around. Let me straighten you out on a
few things.

Pro Coders are not all Code Nazis I have never said that. The honorific
has to be earned. You have to do things like call handicapped people
lazy, accuse anyone who is not pro code of wanting a free lunch
persoanlly insulting those with whom you disagree. If you read this
newsgroup regularly you can easily figure out who they are.

When I started out in amateur radio I was interested in code as part of
the ham radio mistique. The pro code cretins on this group and .policy
have driven me from that to end the code test activism. Fortunatly ham
radio in general is not relflected in the usenet newsgroup so I have
maintained an interest. If amateur radio is to survive it need numbers
not worship of some sophomoric hazing ritual.

73 Jerry

3420. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <51svf4$65i@jupiter.planet.net>
Source record: 216372

> carl@ais.net writes:
> In <51no6o$56t@cc.iu.net>, wnewkirk@iu.net (Bill Newkirk) writes:
> >In <51hlit$t2l@news.ais.net>, carl@ais.net writes:
> >>This is true as well ... I'd carry it a step further ... NO
> >>GRANDFATHERING ... I'd require all existing licensees to be retested to
> >>the new standards ... let's see of the CW olde fartz can "cuat the
> >>mustard!" This would not burden the FCC significantly, and would
> >>provide an opportunity to cull the SKs out of the license database ...
> >>no retest, no license ... dead or alive ...
> >
> >this could be a bad thing -- do you want to cull out a significant number
> >of amateurs that are currently in the body count? sure, it'd be good to know
> >exactly where we stand on population, but now's probably not the time
> >to do it.
> >
>
>
> Only if they're completely unable to pass any element of the test ...
> probably only a few percent ... retesting will also allow the inactives
> and silent keys to be purged from the FCC database ...
>
> However, the current "extras" who don't know Ohm's law would be
> "demoted" to a level comensurate with their demonstrated competence.
>
> That's be rough on them, for sure ... they'd have to admit that they're
> not really superior to some no-code tech who knows how radio works ...
>
> Carl - wa6vse
> carl@ais.net

we bow to superior intellect NOT!!!

Carl for President The gripe and crybaby party
A welfare state for all
No Work
No Incentive

3421. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <51svc4$65i@jupiter.planet.net>
Source record: 216373

> carl@ais.net writes:
> In <32402BDD.4DA0@gte.net>, Jim Conn <jconn@gte.net> writes:

>
> I think that the majority answering the survey may well lean
> towards the keeping the code test ... however, I think that's because
> the ARRL "membership" consists of two factions ... the "old guard" (who
> favor CW above anything and everything) and the "subscriber-member" ...
> the guys like me who ONLY send their $xx/yr to Oldington to get QST
> delivered every month ...

then you deserve everything you get. Don't vote!! don't bitch
when you don't get your way

> Carl - wa6vse
> carl@ais.net

3422. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: billsohl@planet.net
Message-ID: <51t149$6ai@jupiter.planet.net>
Source record: 216374
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

cecilp@magic.bunt.com (Paul Cecil) wrote:

>I have been sitting on the sidelines (yeah I stuck my nose out to test
>the weather), but I have had up to here with both sides of this
>CRAP!!!

>To the those who support the code, we (that means me too) might as
>well accept that CW has about a 10 year life span before it is dropped
>as a requirement. That being the case... we better start deciding how
>we want to influence the FCC to insure that the Amateur Radio Service
>does not become the CB/Amateur Radio Band.

>To the No-Coders, you will win. But ask yourselves while your
>celebrating did you really want to win like this.

Paul, even when some of us offer approaches that attempt
to accomodate both sides, the pro-code folks prefer to not
even discuss it.

> If you are not
>carefull you can fracture the Ham Community, and if that happens we
>all lose! The Industerial/Communication Services out there will eat us
>alive then what will we have left. Remember: United we stand, Divided
>we fall. Not just the "old farts" but all. And if you do not want the
>equivalent of a CB service then you better figure on how you will
>insure only those who are willing to work to be Hams are Hams.

Good comment and one that cries out for all hams to look
towards the future... not the past. As to willingness to work, that
is not a quality you can test for. It may be a desired trait, but
there are people that learned CW without really trying, just as there
are people that can learn and pass theory tests with little
or no effort. See more below:

>That to me is what the Code is all about, a hurdle over which the lazy
>can not pass. Only those who are willing to put forth the effort
>should become hams. If we take away the a Code then we need to replace
>it with another hurdle.

Hurdles, assuming there should be any at all for the sake of
establishing that someone is a worker, MUST be relavent
to the need for testing. CW, in the 21st century, does not
serve that purpose well at all.

>Finally, Carl. After reading your responses I think I know you. We are
>not that different. You are a "techie", you like being on the cutting

>edge where things are happening and you can be challanged. The problem
>is you expect all other hams around you to be the same as you. But it
>is time to do a reality check. A majority of the hams since the
>beginning have been appaliance operators. In the old days hams had to
>build their equipment that is true. They did so from schematics and
>articles in magazines, whose authors were the Hams who did the actual
>work. Only a few hams have been at the leading edge of technology.
>Then there were those who applied the work of those leading edge hams.
>Finally came the masses. Look at most of the earlier radio companies,
>they were founded by Hams to make money off of Hams (and the public).
>As I said you need to look around you realize that most Hams enjoy the
>hobby/service aspect of Amateur Radio, and not the cutting edge
>technology.

No argument with the above, but what does it say... for or against
continued CW testing for HF access?

>Lastly, let remind all that a far greater threat lies over our
>"Hobby", and that is our own goverment. It needs money and is looking
>at all ways to get it. Even now pressure is being applied to sell our
>portions of the radio spectrum. Remember: UNITED WE STAND.

Which, like it or not, says the more of us, the better our
ability to press our case. Yes, there is a value in pure
numerical size.

>Let me end with these final thoughts::
>Robert Heinlein in his novel "Starship Troopers" said this -
>The American Constitution guarantees you the right to the pursuit of
>happiness, but no where does it guarantee you the right to succeed in
>your pursuit of it.

Your point?

>And somewhere I remember being told that "that which is not earned but
>given freely away has no value."

No one is asking for a license to be freely given away.

>Do not devalue our Ham License by giving it away, Please.

Again, no one is suggesting giving ham licenses away.

Bill Sohl K2UNK
ARRL Local Gov't Liaison, Mt. Olive Township, NJ

3423. Re: Moto GP300 on 440 Amateur Band ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: Tiger X-term <t3>
Message-ID: <51t6nd$ppi@news.sdd.hp.com>
Source record: 216375

We use the GP-300s here at work. We have the programmer too. I programmed one up on 447.800 with pl. It worked a lot better than I expected. They are good radios with a lot of software programming options.

73 de Don.

3424. MODS for Midland Syntech

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: BJ <bjfictum@navix.net>
Message-ID: <3242281D.3F7A@navix.net>
Source record: 216376
Cross-posted to: rec.radio.amateur.equipment;,rec.radio.amateur.misc

Wanted: Modification plans, etc., for Midland SynTech UHF 40-watt mobile radio so it can transmit AND receive at 430.55 mHz. Send E-mail to:

BJ Fictum
n0ync@navix.net or bjfictum@navix.net

Thanks. 73 de BJ de N0YNC

3425. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: jjo@tekla.fi
Message-ID: <JJO.96Sep20081818@ds10.tekla.fi>
Source record: 216377

In article <51si0m$12i@anomaly.ideamation.com> kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:
How much "knowledge" is needed by CB folks to safely operate their
radios.

Not much. They don't even have a VFO to make troubles with.

--
Jari Jokiniemi, jari.jokiniemi@tekla.fi, OH2MPO, OH3BU
Tekla Oy, Koronakatu 1, 02210 Espoo, 90-8879 474

3426. Re: BULLETIN: 14 Year Old Sailor Not Heard in 3 Weeks

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: anthonys@ix.netcom.com
Message-ID: <51tbgd$p60@sjx-ixn3.ix.netcom.com>
Source record: 216378

In <51qboc$ag0@dublin.bitwise.net> Gareth Crispell
<stranger@ccsnet.com> writes:
>
>
> (If a child hasn't been broken to harness
>>by age 12, he probably never can be fully civilized, and should
>>probably be put down like any other ungovernable creature.)
>>
>
>WoW! Seems a tad harsh to me. Before we begin the mass extermination
of
>our children with behavioral problems, maybe a wee bit of psycotherapy

>would be in order.
>
>N1MSV Gareth
>

This is 1-week OLD NEWS ...he arrive safely in San Francisco
last week. Notwithstanding the electronics which "crapped out"
due to engine and battery failure.

Ichiban received a royal welcome at the Corinthian Yacht Club.

Please, no more on this unless you or others hear something
really NEW.

-=Tony=- San Francisco, CA

3427. re: do we build? was(re: arrl survey ignores 7 of 8 wrc-99 issues!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: markl@dove.net.au
Message-ID: <843210464mnewsmarkl@dove.net.au>
Source record: 216379
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew

>
>
> carl@ais.net wrote:
>
> >I have NEVER, EVER, in over ten years of debating this issue, seen a
> >no-code advocate actually advocate the *banning* of CW from the bands.
> >Not once. (of course, now that I've said that, one of the pro-coders
> >will probably start up a phony "ban the code" thread in an effort to
> >taint the discussion with a bunch of bogus anti-no-code distortions).
>
> >Carl - wa6vse
> >carl@ais.net
> ==
> BUT - those sections of the band reserved for non-phone uses shrink as
> more and more phone operators crowd the remainder. In the '50's, 75
> meters was only 200 kHz, and there was no phone on 40 at all!
>
> I suspect that in 20-30 years, there will be no parts of the band
> reserved for non-phone usage. It will all then be by "gentlemens
> agreement".
>
> Jerry W4UKU flanders@groupz.net
>
>
>

One point to bear in mind is that some countries only have "gentleman's agreements" about how the HF band works NOW. As long as the bandplan has the general agreement of amateurs, then it will be followed.

Mark.

3428. re: the final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: markl@dove.net.au
Message-ID: <843211533mnewsmarkl@dove.net.au>
Source record: 216380
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Extracts of the original message:

>
>
> markl@dove.net.au (Mark Little) wrote:
>
>
> The Q codes were designed for just that purpose, if you don't know
> them then maybe you sould read the now your talking book that you
> learned the answers to the questions from.
>
> >"Tomorrow, it will be fine so I'll do my washing. The day after, I will do
> >the ironing when it is raining."
>
> This kind of communication is RAG CHEWING and not necessary to
> complete a QSO.

You perhaps missed the original comment where the communication was supposed
to promote international UNDERSTANDING. Hardly possible with that kind of
QSO.

> >Most amateurs use commercial equipment which provides the other modes as well.
> >It is true, however, that if you build the simplist possible transmitter and
> >receiver, but in many cases, modern communication building blocks allow other
> >modes for the same relative complexity.
>
> Yep, you got that right, and it goes agains HAM pricibles. Keep it
> simple stupid.

And what Ham principle is it that, I wonder? Are you suggesting that we should
still be using spark transmitters? - nothing's much simpler than that. I thought
experimentation and development was part of ham priciples, have I got it wrong?

>
> >This comment, I do agree whole-heartedly. CW operation should always have a
> >place in Amateur Radio as long as a single operator whichs to use it. It can
> >be a very enjoyable pursuit to many amateurs. I would certainly resist any
> >move to say that CW (Morse) should not retain its slice of all amateur bands.
>
> >Mark
>
> My final comment is this, if we are going to loose the code, then I
> say we make the cheat books illegal. Now Your Talking and all those
> other books with the questions and answers in them should be taken off
> the market. Make these guys at least earn their license and learn a

> little about Amateur Radio before giving them their ticket.
>
> 73
>
> Tim/KJ7AZ

I don't have any problem with that. I take the view that the exams are too easy, but then on the other hand, I work in the industry, so I guess my expectation of what an amateur should know, may not be totally objective. This, however, is off-topic on the items which were originally posted on why Morse is so good.

I didn't bother to respond on the comment about Morse being the best mode to get through in all conditions as Phil Karn's reply did so very well.

Mark.

3429. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: "mike jackson"
Message-ID: <51tk4e$hst@nautilus.star.co.uk>
Source record: 216381
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

carl@ais.net wrote:

>Yeah ... let's see how well the CW folks do with FFTs, FIR filter
>design, etc.

>Carl - wa6vse
>carl@ais.net

Possibly better than packet folk do wid CW OM? :-)

73... mike

3430. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: w9sz@prairienet.org
Message-ID: <51u4mu$do7@vixen.cso.uiuc.edu>
Source record: 216382

In a previous article, carl@ais.net () says:

>
>However, the current "extras" who don't know Ohm's law would be
>"demoted" to a level comensurate with their demonstrated competence.
>
>That's be rough on them, for sure ... they'd have to admit that they're
>not really superior to some no-code tech who knows how radio works ...
>
>Carl - wa6vse
>carl@ais.net

What about the current "extras" who know Breit and Tuve's theorem, dyadic Green's function, Rytov's function, Wiener-Hopf filtering, etc? Can we keep our licenses?

Zack W9SZ
--

3431. FT-290R Schematic

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: "John A. Palmer" <ka5van@texoma.com>
Message-ID: <3242AB19.349F@texoma.com>
Source record: 216383

Dear List Subscibers:

Posting this message for KC5QKZ. He is in need of the schematics for the FT-290R allmode 2 meter radio. This is the eariler version with the telescoping antenna rather that the BNC connector in the face of the radio. If you have a copy of the schematics or better yet the whole user manual, please give him a call at 214-727-6737 or e-mail me.

73's de ka5van

3432. Re: Thanks Carl

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: cgreenha@magnus.acs.ohio-state.edu
Message-ID: <cgreenha.679.32429F54@magnus.acs.ohio-state.edu>
Source record: 216384

In article <51s9jg$sob@sjx-ixn3.ix.netcom.com> kc5egg@ix.netcom.com (Gerald Schmitt) writes:

>Jeff, Jeff, Jeff, this is a reach even for you. I have no idea who Carl
>works for nor do I care it is not part of the issue.

Then why do you contact peoples employer, based on what they post to usenet?

An apparent contridiction Gerry.

Take care.

Christopher K. Greenhalgh, N8WCT
Computer/Electronic Tech. II at The Ohio State University
E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

3433. Re: Coax cable lenght

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep20.131558.12266@ke4zv.atl.ga.us>
Source record: 216385

In article <Pine.OSF.3.91.960918163230.6981A-100000@alfa.ist.utl.pt> Andre Brandao <l42303@alfa.ist.utl.pt> writes:
> I've been a SWL for four years and now I made the exam and I can
>transmit: it's time to put an antenna on the roof of my building so I've
>some questions which I would appreciate you answer me.
> Is a 50 ohm coax cable ok for that? Would there be many losses of
>signal considering the 250ft cable lenght? If afirmative what could I do
>to correct it?
> Is an antenna tuner needed considering that the antenna (dipole) is cut
>to the desired frequency?

Andre, 50 ohm coax is suitable for feeding a resonant dipole. If the dipole is resonant on the band you intend to use, the SWR should be below 2:1, so you won't need an antenna tuner, though you should use a 1:1 balun at the feedpoint (a simple choke balun will work, IE about 6 turns of the coax about 6 inches in diameter should do, or ferrites slipped over the coax at the feedpoint will do too).

RG-58 has too much loss with a 250 foot run. I suggest that you use RG-8 or Belden 9913 instead. Moderate length runs of RG-58 are Ok on the lower end of HF, but become pretty lossy toward the upper end. You also can't run a lot of power through RG-58 due to the losses causing too much heating, and due to the possibility of flashover if SWR is high. A 100 watt transmitter can get away with 50 feet of RG-58 on the lower end of HF if SWR is reasonable. But 250 feet is a long run, so you should use a lower loss cable.

At VHF, even 50 feet or RG-58 is undesirable, and you should use a better cable. Belden 9913 is a good choice, as is The Wireman's 4XL, hardline is an even better choice.

Caveat: if the band for which the dipole is cut is 160m or 80m, you may need the tuner in order to cover the entire band without SWR foldback problems with your transmitter. On 40m and above, the 2:1 SWR bandwidth should be broad enough not to require a tuner. If you do need the tuner, that implies SWR on the cable will be high, so use of the lowest loss cable you can obtain would be indicated. (Open wire line is often used in such cases because its excess SWR losses are very low. But it can be a pain to route if you have to go through a building, so low loss coax is still the preferred choice.)

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses

534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3434. Re: Vanity Call Info needed Gate 2

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: "Bart Jahnke, KB9NM ARRL/VEC" <vec@arrl.org>
Message-ID: <3242A39E.41F5@arrl.org>
Source record: 216386

T E I X E I R A wrote:
>
> The FCC sent me a form 610V but not the instruction sheet with infoon where to send it.
> Can anyone supply me with this info?
>
> Don AC6TG

Don:

1. For regular USPS mail delivery, send your sealed envelope (with Form
610V, the $30 fee and license copy). Seal that envelope to:

2. Or, for courier or hand delivery, then place the sealed envelope from
item 1 above into the courier pouch, or hand deliver it to:

Federal Communications Commission
c/o Mellon Bank
525 William Penn Way
27th Floor, Room 153-2713
Pittsburgh PA 15259

Attn: Wholesale Lockbox Shift Supervisor

73,

--Bart KB9NM

==
= | ARRL HQ =
= Bart J. Jahnke, KB9NM | Tel: 860-594-0300 =
= ARRL/VEC Manager | Fax: 860-594-0259 =
= 225 Main St | Internet: vec@arrl.org =
= Newington CT 06111 (USA) | MCI MAIL ID: 653-2312 =
= | =
==

3435. The ARRL Letter Update 9/20/96

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: "Lindquist, Rick, KX4V" <elindquist@arrl.org>
Message-ID: <51u88d$5el@mgate.arrl.org>
Source record: 216387
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

The ARRL Letter
Electronic Update
September 20, 1996

IN THIS UPDATE:

* Electronic Form 610V to be available for Gate 2
* Hams aboard Atlantis!
* ARRL National Convention a success
* Hams help nab "Pizza Dude" and friends
* Solar activity dips
* Alabama ham plates get new look
* Prolific QST author marks 80th birthday
* Ham astronomer honored
* Vern Riportella, WA2LQQ, SK
* In Brief: Help wanted; New Kansas SM;
Quote of the month; Hams to be honored;
Thanks!; Info on older Kenwoods

ON-LINE VANITY CALL SIGN FORM TO BE AVAILABLE SEPTEMBER 23

There's good news and bad news about the FCC's plans to provide for electronic filing of vanity call sign requests. The good news is that an electronic version of the Amateur Station Vanity Call Sign Request Form 610V will be available starting at 12:01 AM EDT on September 23, 1996. Applicants can access the form on the Internet at the Federal Communications Commission Wireless Telecommunications Bureau home page, http://www.fcc.gov/wtb, under Amateur Radio-Interactive Vanity Call Sign. Detailed filing instructions are available by clicking on the item number on the Internet form.

The bad news is that electronic payment is not yet available. The FCC said that applicants must mail a completed FCC Form 159, FCC Remittance Advice, with payment to Federal Communications Commission, Box 358994, Pittsburgh, PA 15259-5994. Note that this is a different Post Office box and ZIP code than for vanity requests and payments using hard-copy forms.

For technical assistance, call the FCC Technical Support Group at 202-414-1250. For general application assistance, call the Wireless Telecommunications Bureau, Consumer Assistance staff at 800-322-1117.

SHUTTLE ATLANTIS CARRIES THREE HAMS INTO SPACE

Three hams are aboard space shuttle Atlantis, which was launched at 0854 UTC Monday morning. Astronauts aboard include Jay Apt, N5QWL; Carl Walz, KC5TIE;

and John Blaha, KC5TZQ. Blaha will spend 120 days as a resident on the space station Mir, replacing Shannon Lucid, who has been living on Mir for the last six months. The shuttle docked with the station on Thursday to make the exchange and to pick up and drop off materials and equipment at Mir.

STS-79 is carrying the Shuttle Amateur Radio EXperiment (SAREX) payload in configuration M. Configuration M is voice-only operations on a downlink frequency of 145.84 MHz FM. Voice uplinks are on 144.45 and 144.47 MHz. Packet radio is not on Atlantis this mission.

Alan Crowder, KC7KCG, in Seattle, Washington, reports making the first 2-meter contact with N5QWL while in his car using a half-wave vertical running 25 W. Reports were 59 on both ends. Other hams have also successfully contacted N5QWL and the other hams aboard.

The crew has three prearranged contacts with schools: Andover Middle School in Andover, Kansas (September 20); Immaculate Conception Elementary School in Celina, Ohio; and the Royal School For Girls in Haslemere, Surrey, England (September 22). The students have been preparing for their contact for several months. These contacts will occur after the shuttle has docked with Mir. Random contacts will also be made with the ham community.

Amateurs should check W1AW bulletins and AMSAT SAREX bulletins for Keplerian elements and information about possible random contact opportunities. SAREX operating frequencies and additional information can be found on the ARRLWeb SAREX page, http://www.arrl.org/sarex/.

GOOD WEATHER, CROWD MARK NATIONAL CONVENTION IN PEORIA

Clear, cool weather and a good turnout highlighted the 1996 ARRL National Convention September 13-15 in Peoria, Illinois. ARRL Executive Vice President David Sumner and ARRL President Rod Stafford, KB6ZV, fielded questions at the ARRL Forum. Popular topics included the new FCC RF safety standards and the future of Morse code as a requirement for HF privileges. NASA Astronaut Dr Charles Brady, N4BQW, was a huge hit at the SAREX Forum and at the banquet.

HAMS CHARGED IN PHONY "PIZZA DUDE" POLICE CALLS

Three ham radio operators from Mesa, Arizona, have been arrested and charged in the wake of a nearly year-long spree of false distress calls and profane transmissions on police, fire and ham radio frequencies. One of those interfering with police calls had identified himself on the air as "Pizza Dude." The trio, reportedly led by a 16-year-old former Mesa Police Explorer Scout, faked reports of bomb scares, carjackings and robberies, and officers in distress, according to an August 20 report in The Arizona Republic of Phoenix. Investigators said they also played music on emergency channels and harassed police dispatchers. "They taunted us for months, saying they wouldn't get caught," the newspaper quotes police Sgt Ben Kulina as saying. On some occasions, police dispatched officers in response to the false calls.

Members of the Arizona Repeater Association's Local Interference Committee located the troublemakers and helped police and FCC officials to obtain enough evidence to make the arrests. In late July, the Committee heard reports of abuse of the 911 emergency system on two local repeaters. Serious interference to one Mesa machine was occurring almost nightly. Similarities between the repeater interference and what Mesa police had been experiencing for nearly a year led to a cooperative arrangement between the ARA and authorities. Lance Halle, KC7FVX, chairman of the Interference Committee, reports that within a couple of days, two of the perpetrators were located (using DF equipment) and the information relayed to Mesa Police. The police--with help from city communication officials, the FCC and local hams--started keeping an eye on the suspects, monitoring, recording and DFing. "The FBI was brought in for voice-print analysis to insure an airtight case," Halle said. When enough evidence was gathered, the arrest warrants were issued.

Taken into custody and charged were 20-year-old Christopher R. Johnson, KC7QPJ, and two 16-year-olds, Brad E. Shelley, KC7JQY, and Joshua D. Cavender, KC7JGH. Johnson and the teenagers were charged with interfering with public safety frequencies, impersonating a police officer and false reporting. Halle said the suspects' radios, computers and telephones were seized. The trio also may face FCC sanctions.

The Local Interference Committee is an ARRL-recognized organization within the Amateur Auxiliary Program. All members of the ARA Local Interference Committee are ARRL Official Observers.

SOLAR ACTIVITY DIPS

Solar prognosticator Tad Cook, KT7H, of Seattle, Washington, reports that solar activity was down from September 5 to September 11, with the sunspot numbers below the 90-day average of 71 on every day of the period. Solar flux was down an average of more than 4, and sunspot numbers were down an average of 11 compared to the week previous. Solar activity was down again during the period September 12 to September 18. Average solar flux was down about a point, and average sunspot numbers were down about 3.7. Every day except September 12 had no visible sunspots. The daily solar flux was below the 90-day average of 71 on each day over the past week. Solar activity is expected to increase over this week, with solar flux to peak in the mid 70s around September 24-16. Geomagnetic conditions are expected to peak around September 25 with A indices around 25 and K indices as high as 5. After October 1 solar flux should drop below 70. Geomagnetic conditions should get unstable again around October 7-13.

The days are growing shorter, and the fall equinox will arrive September 22. Because of less daylight, 20 meters is becoming more of a daylight band.

Sunspot numbers for September 5 through 11 were 0, 0, 15, 15, 0, 0 and 0, respectively, with a mean of 4.3. The 10.7-cm flux was 70.3, 69.7, 69.5, 68.2, 67.9, 68, and 67.6, respectively, with a mean of 68.7. Sunspot numbers for September 12 through 18 were 11, 0, 0, 0, 0, 0 and 0, respectively, with a mean of 1.6. The 10.7-cm flux was 67.8, 67.3, 67.1, 66.4, 68, 69, and 68.9, respectively, with a mean of 67.8.

ALABAMA HAM PLATES GET NEW LOOK

No more same ol' same ol' for Alabama hams who want to display their call signs on their vehicles. New ham radio license plates in Alabama will clearly indicate "Amateur Radio" below the owner's call sign, thanks to the efforts of Lawrence Thompson, KE4RPX, of Montgomery, Alabama. Thompson--a former Kentucky lobbyist turned Anglican priest--serves as the state government liaison for the Alabama Section. Section Manager Tom Moor, KL7Q, approached him about the subject, and Thompson got on the phone. Three calls later, he had an appointment with the state official responsible for license plates. "One hour later, I met with this man in his office," Thompson relates. "Twenty minutes later, I had his approval to begin designing a new Amateur Radio license plate." Thompson, himself, took on the task of designing the distinctive ham radio plate, after the Motor Vehicle Division granted his request and dissuaded him from holding a design contest. The Amateur Radio legend is in red across the bottom of the new plates, which also display a tower on the left-hand side.

The official told Thompson that, in 26 years of working at the division, no one had even asked him about the possibility of a new design. Alabama has 10,000 hams, but fewer than 20% of them have ham radio license plates, which cost an additional $3.

Thompson reports that Alabama was the first state to permit ham radio license plates, passing the legislation in 1951.--Alabama Section News

PROLIFIC QST AUTHOR CELEBRATES 80TH BIRTHDAY

O. G. "Mike" Villard, W6QYT (ex-W1DMV) of Woodside, California, celebrated his 80th birthday September 17. Between 1941 and 1994, Villard authored or co-authored more than two dozen articles for QST. His first contribution was "Operation from Three-Wire Power Lines" in June 1941. Most recent was "Simple Equipment for HF Fox Hunting," in August 1994.

"The 53-year record is virtually unchallenged in the history of QST, and is striking for the variety of subjects that have attracted our interest for in-depth investigation," ARRL Executive Vice President David Sumner, K1ZZ, wrote in a congratulatory letter to Villard which concluded, "When can we expect the next article?"

HAM-ASTRONOMER HONORED

Dr James M. Moran, K1AKE, has been awarded the 1996 Karl G. Jansky Lectureship by Associated Universities Inc and the National Radio Astronomy Observatory. The Jansky Lectureship is awarded for outstanding contributions to the advancement of astronomy. Moran, a professor of astronomy at Harvard University, is best known for his application of the techniques of very long baseline interferometry (VLBI) to the study of astronomical masers. Masers are the radio equivalent of lasers. VLBI allows astronomers to image celestial objects at a level of detail unmatched by any other technique. In a recent spectacular result, Moran and his colleagues used VLBI observations of a rotating disk of masers near the center of the galaxy NGC 4258 to show that the galaxy's center contains an enormous black hole with a mass 36 million times that of the sun.

Moran credits Amateur Radio with starting him on his career path. Encouraged by his father, James M. Moran Sr, W1QUO, Moran was first licensed at the age of 13. The senior Moran is a longtime amateur, and his son still vividly remembers being shown a wood-chassis transmitter with a 35T tube that his dad had built in the 1930s. At his dad's suggestion, Moran decided to build a radio telescope for a high school science-fair project. He bought a World War II surplus military 430-MHz downconverter that provided input to his Hallicrafters SX-100 HF receiver. The results were recorded on a chart recorder. With this rig and a 6-foot-long helical antenna, he detected radio emission from the sun and won the top prize in the science fair.

Moran is a graduate of Notre Dame and the Massachusetts Institute of Technology. A staff member of the Smithsonian Astrophysical Observatory since 1970, he also is a professor of astronomy at Harvard University. He lives in Concord, Massachusetts, with his wife, Barbara, an Episcopal priest. The couple has two children. Moran holds a private pilot's license and also enjoys squash, tennis, hiking, camping, photography and windsurfing. He still maintains a weekly CW schedule with his dad on 20 meters.

The National Radio Astronomy Observatory is a facility of the National Science Foundation, operated under cooperative agreement by Associated Universities Inc.

VERNARD RIPORTELLA, WA2LQQ, SK

Former AMSAT-NA president and QST columnist and author Vern "Rip" Riportella, WA2LQQ, of Warwick, New York, died September 13, 1996, of an apparent heart attack. He was 52. A former US Air Force officer, Riportella was the third president of AMSAT-NA and served from 1984 until 1987, and he's credited with being a prime mover behind OSCARs 10 and 13. "Rip" served for a time as the editor of QST's "Amateur Satellite Communications" column and wrote several articles for QST on satellites. He also founded the AMSAT Satellite Report (now the OSCAR Satellite Report).

In more recent years, he was involved in the installation and upgrading of packet radio equipment aboard the Russian space station, Mir. Services will be private. His wife, Ellen, survives. Condolences may be sent in care of the Strong-Basile Memorial Chapel, 75 Main St, Warwick, NY 10990 or to the family's mailing address, Box 177, Warwick, NY 10990.

In Brief:

* Help wanted: The ARRL Washington Office has an opening for an electronics engineer (BSEE or equivalent experience) with spectrum-management experience. Duties would include representing the interests of Amateur Radio to US government agencies, the ITU and regional organizations. Public speaking ability, professional-quality writing and the ability to deal with people from other countries are essential. Spanish language skills are a plus. Send resume and salary expectations to R. Boucher, ARRL, 225 Main St, Newington, CT 06111; fax 860-594-0298.

* New Kansas SM: Mike Brungardt, WA0SXR, of Newton, Kansas, is the new Kansas section manager. He succeeded Gary Bliss, NZ0M, effective September 16, 1996.

* Quote of the month? FCC Chairman Reed Hundt, in London offering his "Seven Commandments" for telecommunications competition: "How many licenses should be auctioned? As many as can be found in the airwaves. What if the spectrum is already lightly used? Allow auction winners to relocate the existing users at no cost, so that the market can clear spectrum. How should the spectrum be used? Any way the auction winners want: no restrictions; no rules; total flexibility."

* Hams to be honored: The Radio Club of America will honor three well-known hams November 22 at its annual banquet in New York City. Carole Perry, WB2MGP, will receive the Barry Goldwater Amateur Radio Award; Frank A. Gunther, W2ALS, will get the Frank A. Gunther Award; and Fred. M. Link, W2ALU, will receive the President's Award.

* Thanks! Fred Hammond, VE3HC, has donated a number of equipment racks and other items that will come in handy as the ARRL Lab renovates its screen room. Test Engineer Mike Gruber, WA1SVF, will be installing the equipment this month.

* Info on older Kenwoods: Kenwood is offering FTP access to many Kenwood service bulletins and application notes via the Internet. Visit the Kenwood FTP site from Kenwood's Web page, http://www.kenwood.net/ (click on What's New at Kenwood) or directly at ftp://ftp.kenwood.net. The FTP site includes Kenwood equipment bulletins and notes dating back to 1975.

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The ARRL Letter is published by the American Radio Relay League, 225 Main St, Newington, CT 06111; tel 860-594-0200; fax 860-594-0259. Rodney J. Stafford, KB6ZV, President; David Sumner, K1ZZ, Executive Vice President.

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Editorial, Rick Lindquist, KX4V, e-mail rlindquist@arrl.org.

Visit the ARRLWeb page at http://www.arrl.org.

The purpose of The ARRL Letter is to provide the essential news of interest to active, organizationally minded radio amateurs faster than it can be disseminated by our official journal, QST. We strive to be fast, accurate and readable in our reporting.

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3436. Hamfests in Dallas area 28-29 Sept ??

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: John Evans <jaevans@cos.cst.titan.com>
Message-ID: <3242A08C.138E@cos.cst.titan.com>
Source record: 216388

Greetings,

Are there any hamfests or swapmeets in the Dallas area the weekend
of September 28-29 ??

Thanks in advance for the info !!

73, n3qoo

John A. Evans Chief System Administrator
Office: (719) 528-1800 x164 Titan Client/Server Technologies
Fax: (719) 528-1275 1115 Elkton Dr, Suite 200
email: jaevans@cos.cst.titan.com Colorado Springs, CO 80907-3535

3437. Must sell ASAP: Yaesu FT40 70cm HT! Make a reasonable offer.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: eplatt@wco.com
Message-ID: <3242afcc.3734971@news.wco.com>
Source record: 216389
Cross-posted to: rec.radio.amateur.misc,rec.radio.swap

Yaesu FT40, 99 Channel radio. Includes tx/rx mod, tx and receives from 430 -484.This unit is LITERALLY the size of a pack of smokes, maybe a TINY bit deeper, but the same height and width. (Just add an antenna.) Does 99 channels PL _AND_ DPL, Keypad programmable, dual VFO, digital voice (record up to 20 seconds from the radio or by mike and either play back through speaker OR back on the air! Record you call and never say it again! Searches PL & DPL (yep, don't know the PL? Just hit a key, and it tells you! (I Can't find this in the manual, I think it;s a hidden trick.) Comes with low power battery pack, charger, manual, and box. Barely used. Would prefer Bay Area (California) but will ship. $300/BO. Must sell ASAP, make an offer. Either reply via e-mail, or call 415-939-1037 anytime. Thanks

Evan

3438. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep20.152057.12695@ke4zv.atl.ga.us>
Source record: 216390
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <3241E0BD.6169@mich.com> jeff@mich.com writes:
>Gary Coffman wrote:
>> Hello? TCP and IP are level 4 and level 3 protocols respectively. You can
>> *not* use them naked. You have to have a level 2 protocol under them.
>> On ethernet it is the MAC layer, on VHF+ radio it is AX25, or something
>> that serves the same purpose as AX25. AX25 has some warts, but you
>> can avoid them if you just use its UI datagrams and forget the VC stuff.
>> There's no real need to change this.
>
>Isn't using IP on top of a UI AX25 datagram for all intensive purposes,
>using them "naked"? I mean, you have no underlying transport layer other
>then IP. It was my understanding that the whole AX.25 encapsulation mess
>came about as a way to satisfy U.S. requirements.

No, AX25 serves a real purpose. It forms the MAC (Media Access Control)
layer for the upper layers. Here are some of the things it does.

1) It provides the CS part of CSMA by holding off transmission when
another carrier is sensed on the channel.

2) It provides the leading flags needed to synchronize the HDLC clocks.

3) It provides the Txd to handle transmitter and receiver settling times.

4) It provides a way to avoid repeated collisions through its p-persist
and slottime parameters.

5) It provides the hardware addresses in its header to which logical
IP addresses are mapped (via ARP). (Hardware and logical addresses
must be separate if multiple protocols are to be supported.)

6) Its PID byte allows multiple higher level protocols to co-exist
to/from the same hosts, simultaneously.

7) It offers a checksum for initial packet validation, thus minimizing
the CPU time required to discard a faulty packet. (Otherwise the
packet would have to traverse layers all the way up to TCP before
being validated.)

8) It also offers the ability to discard packets which aren't addressed
to the hardware address (call sign) of your station, again reducing
wasted CPU time.

It does more things as well, but that's a good start. AX25 plays the
same role over radio that MAC plays over ethernet. And for the same
reason, because they both use shared resources. If you are using a

non-contending point to point link, like a leased (or dial up after call setup is completed) phone line, or a duplex radio link on an exclusive frequency, then you don't need much of a MAC layer at all. But if you are sharing the channel with other stations, you must have something like AX25 to permit it to work.

VC mode, IE AX25 connected mode, basically duplicates the TCP transport function, and is usually just an undesirable overhead in a network where all switches support TCP/IP. It is of some use if intermediate relay sites can't comprehend TCP/IP routing and packets must be source routed between TCP/IP hosts. It is really just a kludge from the days when amateurs used no network or transport protocol and just depended on the horrible layer violation called AX25 connected mode as their transport layer, and did the network routing function by hand using source route statements in the digipeater fields. I'd suggest its use be avoided today.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3439. Re: 4-5 kw Generator Recommendations??

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep20.161115.12960@ke4zv.atl.ga.us>
Source record: 216391

In article <51s5a1$415@lex.zippo.com> wb4yuc writes:
>In article <51rlq6$j3s@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net says...
>>From the island of many generators we would definitly recommend the
>>Honda. Quieter, much more reliable than the Coleman. In the last ten
>>years I have seen as many broken Coleman generators as I have pretty
>>girls, and we have a BUNCH of pretty girls here.
>>
>>73, Jim KH2D
>
>You're not limited to those two manufacturers. Onan, Kohler, and Dayton
>are other manufacturers.

And don't forget Yamaha and Kawasaki. Both are excellent, and a bit
cheaper than Honda. IMHO, Coleman generators are the bottom of the
barrel. Unfortunately, Onan, Kohler, and Dayton low end generators
are also bottom of the barrel. They *do* offer higher grade (and
heavier) models, though, while Coleman does not.

In my opinion, the three Japanese manufacturers offer better
portable generators than any of their US competition. They
offer better performance with less weight. This may be because
of their motorcycle experience. For heavier units, IE vehicle
or trailer mounted generators, Onan, and a few others, make some
good generators. But if I'm going to have to trailer mount a
generator, I want a diesel with more than 5 kW output. And
in that case, the best value on the market is the China Diesel.
They're crude, but they are also simple, rugged, and cheap.
They make up for lack of engineering finese by throwing more
cast iron at the problem. That works if you don't care how
much the thing weighs.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3440. Re: Keep CW Requirement?...on radio show!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <51ulc3$bfm@jupiter.planet.net>
Source record: 216392

> In article <51ei4o$6c4@news.ais.net>, <carl@ais.net> wrote:

>
> >Carl - wa6vse (Tech+ for 21 years)
> >carl@ais.net

and darn proud of his lack of incentive/motatvation/yada yada yada

But he does no electronics and can copy 20wpm in his head

makes you wonder why he never put the two together to upgrade???

3441. ICOM 735 Computer Control Info

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: "Gary R. Heagle" <heagle@sympatico.ca>
Message-ID: <32429E13.21C3@sympatico.ca>
Source record: 216393

Would anyone out there have info on the computer control commands,
etc. for the ICOM 735 HF rig? Either a document, file, references to
magazine articles, etc., would be greatly appreciated.

An E-mail reply to heagle@Sympatico.ca would be fine.

Thanks and 73,
Gary

3442. Re: 4-5 kw Generator Recommendations??

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep20.173211.13297@ke4zv.atl.ga.us>
Source record: 216394

In article <Dxzo3M.KA@nsc.nsc.com> Doyle.Souders@nsc.com (Doyle Souders) writes:
>After many recommendations to go with the Honda generator I went to the
>local Home Depot to check it out. It turns out that the generator is
>still a Coleman generator but it has a Honda engine. Apparently
>Coleman offers generators with Briggs and Stratton, Tehcumseh, and
>Honda engines. It looks like the actual generator is similiar on all
>with the exception of the power rating. Since several of the posts
>indicated high (140v) output voltage when unloaded I am wondering
>whether Coleman generators are just lower quality in terms of
>regulation?? Or is the Coleman generator with the Honda engine still a
>good deal. It sounds like it will be a lot quieter and the engine
>reliability is better. Any other thoughts???
>
>Thanks again for enduring these questions but this is a fairly large
>purchase and I would like to make sure I have all the info before
>making the plunge.
>73, Doyle KG6MY

The alternators on all the generators in this class are pretty much
the same, though there can be detail differences which may be important
in certain cases. What is really different is the engine, and the
frequency and voltage regulation systems. A real Honda brand generator
has all three covered. A Coleman with a Honda engine may not. (Even
Onan has had a problem with the voltage regulators on their otherwise
good 5 kW heavy RV package, and has changed regulator vendors three
times that I know about in the last 5 years.) Realize that Coleman
buys their engine from one source, their alternator from a second,
and their regulation circuitry from a third. All they do is package
these parts in a frame, IE the only thing Coleman about them is some
steel tubing.

Honda, Yamaha, and Kawasaki typically offer a better integrated
package with their name branded products. It's obvious that a Honda
engined Coleman is likely to be better than a B&S engined Coleman,
but it isn't quite as obvious if Coleman has integrated the total
package properly. In other words, you are likely getting a better
grade of junk with the Honda engined Coleman, but the total package
may still be junk because the parts may not have been carefully
matched to work together properly.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org

Lawrenceville, GA 30244 | |

3443. WTD 3CX1200A7 SPEC

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: Tony Seaton <tony.seaton@turner.com>
Message-ID: <3242E53C.5800@turner.com>
Source record: 216395
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

Need constant current curves for 3CX1200A7 in cathode driven mode.
Tony W4KQL tony.seaton@turner.com (fax) 770-967-0235

3444. Beartracker BCT-7 for sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: Stephen Chan <reedchan@fia.net>
Message-ID: <3242E62D.630A@fia.net>
Source record: 216396
Cross-posted to: alt.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

Beartracker BCT-7 for sale. Like new (two months) in box with all accessories, including Grove No-Tenna, which is a big improvement over the "suction cup" antenna which comes with the unit. $175.00 for the whole package. If interested, please contact me via e-mail at: reedchan@fia.net

3445. Re: Repairing Vertical

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep20.180532.13543@ke4zv.atl.ga.us>
Source record: 216397

In article <3241D903.12C2@bconnex.net> upnorth@bconnex.net writes:
>Has anyone out there ever successfullly "spliced" a vertical antenna?
> I had to saw in half the wide aluminum section of an old Hy-Gain
> mulitbander when moving some time ago. Now I'm intrested in using it
> again. Can one improvies a kind of mechanical "collar" to put the two
> peiced back together. And would it electrically work?
>
> 73 de Geoff, VA3FQA
> va3fqa@amsat.org

Sure, you can do this. Just use aluminum tubing either one size larger or one size smaller than the tubing to be spliced, IE the new piece can either be larger, and form a collar around the joint, or it can be smaller and serve as a plug inside the joint. Aluminum tubing is available in "telescoping" size steps, IE you can buy tubing whose ID is equal to another size tubing's OD, or vice versa. Just slip one inside the other (whichever way, I usually prefer the internal splice), and fix in place. The splice piece should extend several inches either side of the joint. (For large diameter tubing subject to high stress, the splice piece should extend a couple of feet either side of the joint to spread the mechanical stresses.)

There are a couple of ways to fix the pieces in place. One commonly used way is to slit the external piece(s) lengthwise for a couple inches and use stainless steel hose clamps to compress them down against the inner piece(s). Antenna manufacturers typically use this method when they need an element longer than a standard length piece of aluminum tubing. Another method is to simply use stainless self-tapping screws through the pieces in several places. Either method works, though the compression method will likely yield a better electrical connection.

Be sure to sand the surfaces to be mated bright, and coat with an anti-corrosive such as No-Al-Ox (available at electrical supply houses) before assembly.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3446. Re: do we build? was(re: arrl survey ignores 7 of 8 wrc-99 issues!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <51usou$ojc@newsbf02.news.aol.com>
Source record: 216398

In article <843210464mnewsmarkl@dove.net.au>, markl@dove.net.au (Mark Little) writes:

>
>One point to bear in mind is that some countries only have "gentleman's
>agreements" about how the HF band works NOW. As long as the bandplan
>has the general agreement of amateurs, then it will be followed.
>
>Mark.
>
>
>

Boy, Is that a life of delusion! Apparantly you've never worked 160 or 40 CW.

3447. Digital/Analog HF Receiver Design

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: Jim Reid <jreid@aloha.net>
Message-ID: <01bba732$83fb2ba0$89070ccf@jim-reid-1>
Source record: 216399
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital

carl@ais.net, in article <51helc$pjm@news.ais.net>...

In response to a Jim Reid posting which included:
> >HF operators, unlike the VHF operators, like to roam the bands,
> >find random and far away folks to chat with on both SSB and CW.
> >Both of these modes have there pros and cons, but at least you
> >have a chance of hearing a weak signal calling for a contact on a
> >random frequency in the band, and probably being able to establish
> >a plesant QSO, QSB and QRM permitting.

Carl then responded:
> There is nothing inherent in things digital that would preclude
> implementing systems capable of this ... most of the modes that are in
> present use provide for calling CQ ... spread spectrum systems would
> involve something in the protocol to provide an "address" for calling
> CQ, with a subsequent switch from the "calling channel" to a "working
> chananel" ... what's the problem?
>
> There's really nothing "exotic" about the newer digital modes ... it's
> really pretty much "old hat" to those of us who work in industry ...
> it's only "exotic" and "newfangled" and "complicated" to those who
> haven't kept up with the times.

The systems for which he argues are not now available in the
market to my knowledge, as he implies in his comments.

Carl has been arguing for some time the merits of these "newer
digital technologies" over the "traditional" at least for now, CW
and SSB amateur communications modes. I believe there are
some very practical design constaints which still preclude their
realization in present, reasonably affordable amateur HF
band rigs. However, let me present my reasoning, and then
I am certainly open to further discussion on the matter.

Modern technology HF receiver design, even for the digital
techniques said to be much better than CW or other
older digital modes, such as the PACTORs, is still
dependent on some fundamental characteristics of
electronic circuits and devices.

The desired signal spectrum bandwidth establishes at
the outset the amount of noise energy (or voltage)
which must be handled somehow. This will lead
immediately to the signal-to-noise voltage or
information-to-noise ratio which must be detected

and demodulated. These requirements lead to the
classic HF receiver design problem of gain-bandwidth
and noise reduction/elimination.

The heterodyne technique, which came along in the
1920's (which has evolved into what we now
call superheterodyne techniques, and was actually a
copyrighted name by RCA in the later 20's) is , even
today, the most successful way to reduce the bandwidth
of the signal being amplified up to levels where it may be
successfully demodulated. The most costly new HF
receivers are using as many as four IF conversion frequencies,
with the final IF being centered in the 10 to 15kHz area
where audio frequency type DSP technology may be
applied. Here DSP technology can be used to further
reduce noise, and enhance coherent signal amplitude,
or extract deliberate non-coherent signals using, perhaps
IF frequency dispersive filter technology, providing
the "coding" scheme is known apriori, even should
these signals lie at negative signal-to-noise levels.
They will still "look" different enough to the circuits
to allow detection and demodulation. Unfortunately,
because of present component costs, audio frequency
type components with these characteristics are not
affordable for use in even a high-end price range amateur rig.

The signal frequency heterodyne technique is a way to attack the
gain-bandwidth and noise bandwidth problem in circuits (wires
with electrons bumping into one another within the conducting
material.) The flow of current, and thus information is NOT the
movement of electrons at light speed; it is the wave of
force of the electrons bumping into one another as a result of either
an applied voltage potential source at one end of the conductor,
or the passing, and thus amplitude-varying -with -time magnetic
field crossing the electron containing conductor. BTW, the finite
temperature of the conductor material will agitate the electrons
to also bump into one another a bit, and this adds noise voltage
into the circuit.

There is a fundamental physical principal which comes from thermo-
dynamics which says that noise amplitude is proportional to bandwidth,
conductor temperature and a constant of proportionality(which won't be
defended here) called Boltzman's Constant. This constant integrates
together a bunch of information about nature that has already been
established
as fact. Therefore, for an HF electromagnetic wave receiver to have
very weak signal sensitivity, the amount of noise in the receiver's
circuits must be brought as low as possible. In fact the lowest it can
become
would be exactly those microvolts or -dBm's that would be calculated
applying the above formula for the circuit temperature and signal band-

width of interest.

The heterodyne technique is still, at this time, the only way to
both add gain to a very weak received signal and to narrow the bandwidth
down to reduce the noise accompanying the signal, and also reduce
the noise introduced by the circuit electronics: this added circuit noise
is called Noise Figure of the gear and is usually only of much interest
at UHF and microwave frequencies. This is because there is a huge
amount of noise which accompanies signals in the HF bands from the
background emitters of the Galaxy, far more at the lower frequencies
than that added by the circuit electronics--this is why low noise preamps
are usually not used in HF gear, whereas above 100mHz or so, they
are very common. HF gear does often have an RF gain stage ahead
of the first IF stage mixer, but its purpose is not necessarily increased
sensitivity, but to reduce LO radiation back out the rcv'r front end which
could play hobbs with another receiver nearby, and to reduce the impact,
out of the desired IF passband , of nearby strong signals.

The most costly HF rigs today have up to four IF conversion used
frequencies, even going down to 10 to 15kHz IF center frequency:
here, as said above, modern DSP technology can be applied at IF,
rather than after detection and conversion to base band(audio
frequencies).

So the only way to have a very high sensitivity rig, is to have a unit
which can be tuned at will, all over the HF bands, and detect signals
using narrow bandwidths to lower the noise power which will
accompany the signals; this technique thus increases signal to noise ratio

amplitude.

Analog semiconductor technology does nothing about narrowing bandwidth
of circuits; in fact modern semiconductors have inherent very wide
bandwidth amplifying characteristics; just the opposite of what we want
in a very sensitive rig! The road to better rigs lies in the direction of
higher speed digital circuits; A to D and D to A converters. These will
allow
the DSP technology to be applied at higher than audio IF band center
frequencies, and should yield very sophisticated noise eliminating
techniques, as well as coherent and, when detected, non-coherent
signal enhancement.

This is the direction to newer traditional HF band receivers; I believe
this is the direction that new SOA digital modulation technology
receivers will also be going. Now, the cost's of the needed highest speed
digital components, frequency dispersive filters, etc., exceeds what
amateurs will pay--as a wild guess,$10 to $15 for a transceiver? Probably
way too high for a manufacturer to risk developing and marketing at this
time.

73, Jim, AH6NB (for a few more days, weeks?)

3448. ARLP039 Propagation de KT7H

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: w1aw@arrl.org
Message-ID: <$arlp039.1996@arrl.org>
Source record: 216400
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB PROP @ ARL $ARLP039
ARLP039 Propagation de KT7H

ZCZC AP59
QST de W1AW
Propagation Forecast Bulletin 39 ARLP039
From Tad Cook, KT7H
Seattle, WA September 20, 1996
To all radio amateurs

SB PROP ARL ARLP039
ARLP039 Propagation de KT7H

Solar activity was down again last week. Average Solar Flux was down about a point, and average sunspot numbers were down about 3.7. Every day except September 12 had no visible sunspots.

The daily solar flux was below the 90 day average of 71 on each day over the past week.

Solar activity is expected to increase over this week, with solar flux to peak in the mid 70s around September 24 to16. Geomagnetic conditions are expected to peak around September 25 with A indices around 25 and K indices as high as 5. After October 1 solar flux should drop below 70. Geomagnetic conditions should get unstable again around October 7 to13.

The days are growing shorter, and the Fall Equinox will arrive September 22. Because of less daylight 20 meters is becoming more of a daylight band.

Sunspot Numbers for September 12 through 18 were 11, 0, 0, 0, 0, 0 and 0, with a mean of 1.6. 10.7 cm flux was 67.8, 67.3, 67.1, 66.4, 68, 69, and 68.9, with a mean of 67.8.
NNNN
/EX

3449. VE Lindenhurst, LI Sunday, Sept 22

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: Tom Carrubba <tomcar@li.net>
Message-ID: <01bba733$c124b680$964aadc7@tomcar.li.net>
Source record: 216401

The Great South Bay ARC hosts ARRL amateur radio exams every 4th
Sunday at 12 noon. Please note the change for the month of June.
Re-scheduled because of Field Day and Father's Day.

Exams are given from Novice to Extra class.
All exams are ARRL/VEC, CW exams are multiple choice w/ full headphones.
The examination site is in the ARES/RACES room located in the basement.
Access is at the rear of the building via stairs. Ring RED (TOP) buzzer
for entry.

Location: Babylon Town Hall
Emergency Operations Center
200 E. Sunrise Hwy.
North Lindenhurst, NY

Talk in : 146.685/r 136.5pl

Please bring the following:
- Photocopy and original of current Amateur Radio License if licensed.
- Photocopy and original of CSCE(s) that are current.
- two forms of ID, at least one photo ID.
- pens or pencils.
- Calculator for math problems on exams, no pocket computers are allowed.
- 1996 Exam fee is $6.05, please bring exact change.
* Novice exams (elements 1A & 2) are free.

For addition information you may contact:

Tom Carrubba KA2DFO (516) 422-9684 or 422-9594
Walter Wenzel KA2RGI (516) 957-0218

Visit the GSBARC homepage! http://www.li.net/~tomcar/gsbarc.htm

3450. Looking for Motorola UHF transistor

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: miller@dynamo.ecn.purdue.edu
Message-ID: <51uvqs$5tn@mozo.cc.purdue.edu>
Source record: 216402

I am looking for a generic replacement for a Motorola M9851
UHF power transistor. This is the final for the 450 MHz Maxar radio.
15 Watts output power.

Thanks in advance, tim

==
Tim Miller Manager Solid State Materials and Devices Laboratories
School of Electrical and Computer Engineering
Purdue University

Internet: miller@ecn.purdue.edu AMPRnet: n9dki@w9yb.in.usa.na
----

"America's one of the finest countries anyone ever stole" -Bobcat Goldthwait
==

3451. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: flaherty@pago-pago.pa.dec.com
Message-ID: <51v80k$geh@usenet.pa.dec.com>
Source record: 216403
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

carl@ais.net wrote:

> Morse code is almost 150 years old ... SSB first came into use in the
> 1950s or thereabouts ... how do you figure that "Given that one is, at
> best, only a few years younger than the other" ???

Continuous Wave (CW) modulation encoded by the International Code (not Morse, which was a different code largely used by landline telegraphy companies) wasn't introduced until after the turn of the century, and didn't see widespread use until after WWI.

If you're going to play historian, it might pay to learn some history first.

--
-=Paul Flaherty, N9FZX | "Just name a hero, and I'll prove he's a bum."
->flaherty@pa.dec.com | -- Col. Gregory "Pappy" Boyington

3452. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: flaherty@pago-pago.pa.dec.com
Message-ID: <51v8bo$geh@usenet.pa.dec.com>
Source record: 216404
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

> SAC started using SSB at the same time amateurs did, and for the same
> reason, Collins produced a radio small enough, cheap enough, and stable
> enough to make it practical. (It was really the Collins mechanical filter
> that first made SSB practical for installations without continuous
> technician support to keep it tweaked.)

Not quite. The reason that SAC started using SSB was because hams began using it a few years after the war, and discovered it was heads and above AM. One of those hams was Curtis LeMay; after having used it himself, he ordered a ton of S-Line gear from Collins for SAC.

--
-=Paul Flaherty, N9FZX | "Just name a hero, and I'll prove he's a bum."
->flaherty@pa.dec.com | -- Col. Gregory "Pappy" Boyington

3453. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: flaherty@pago-pago.pa.dec.com
Message-ID: <51v7nf$geh@usenet.pa.dec.com>
Source record: 216405
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

carl@ais.net wrote:

> SSB is NOT dead ... just middle-aged ... CW, on the other hand is
> positively fossilized ..

Congratulations, Carl. You've just repeated the most oft-cited ad hominem attack against CW. And in doing so, you've just (to mangle Yamamoto) awakened the giant and filled him with a terrible resolve.

No, CW is not outdated. Nor is the requirement. Newer technologies exist, but not in the Ham Radio domain, nor are they a cost effective replacement for CW, which nearly 90+ years after its introduction, is still the most spectrally efficient communications amateur technology in widespread use.

While I wholeheartedly agree that the required rates should be reduced, to eliminate them entirely would be an unmitigated disaster on the HF bands.

--
-=Paul Flaherty, N9FZX | "Just name a hero, and I'll prove he's a bum."
->flaherty@pa.dec.com | -- Col. Gregory "Pappy" Boyington

3454. FS REGENCY UHF REPEATER PARTS UNIT

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: DEE ALMQUIST <SOUNDNMIND@rica.net>
Message-ID: <51u9iv$t57@clark.zippo.com>
Source record: 216406

Hello all

Mabe someone can use this unit or needs parts.
Regency Microcom-U10R uhf repeater. I took this out of commercial service 10 years ago. It is a 10 watt tx. It is partially dismantled but mostly all there. Trade value might be $50. I say trade because I am looking for new tubes to enhance my shop.

Im looking for 6L6GCs, 6922s, etc.

Contact Dee, W4PNT, Co. SOUND IN MIND Crimora, Va. soundnmind@rica.net
Fax: (540)249-5064

3455. Re:Stop this negative thread I started...

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: crow@ovnet.com
Message-ID: <51v8ef$q34@news.mountain.net>
Source record: 216407

Subject: Stop this negative thread I started...
From: zommbee@nwlink.com (zommbee)
Date: 1996/09/14
Message-Id: <51fggc$agc@texas.nwlink.com>
References: <50le25$6oa@texas.nwlink.com>
<1996Sep6.224544.1465@ke4zv.atl.ga.us>
Organization: Northwest Link
Newsgroups: rec.radio.amateur.misc

How novel..you used your *own* handle instead of forging somebody else's...

In article <1996Sep6.224544.1465@ke4zv.atl.ga.us>,
gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>In article <50le25$6oa@texas.nwlink.com> zommbee@nwlink.com (zommbee) writes:
>>Let this be a friendly thread

>It's nice to know that at least someone (Gary) can offer an eloqent
>explaination on this topic without turning into a flaming CW-op
>hate monger.

It's also nice to know that a post-forger like you can't spell simple words...

>I only wanted to know who enjoys CW. Like I said in the initial post (boy am
>I sorry!), let this be a FRIENDLY thread, and deal only with whether you love
>CW or not, not whether it is *BETTER* than other modes. To use the 'x-mode
>is better' argument when I asked if you enjoy it is akin to saying
>'chocloate'

hehe..spell much? How do *you* QSO?

>is *better* than strawberry in icecream. It is absurd in that context. I
>only wanted to know if people still enjoyed the mode or not.

hmm ice cream is two words....

>Please end this stupid thread I inadvertently started,

well you obviously can't help yourself.......

> and let this hate-filled 'discussion' live in the already-existing threads.
>Sorry to all for the waste of bandwidth. I certainly never intended it this
>way.

yeah, right!

>Dave WB7AWK
>zommbee@nwlink.com
a post-forger!

3456. IPS Daily Report - 20 September 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <51va43$e1h@flare.syd.ips.oz.au>
Source record: 216408
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 20/2330Z SEPTEMBER 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE AUSTRALIAN SPACE FORECAST CENTRE
SUMMARY FOR 20 SEPTEMBER AND FORECAST FOR 21 SEPTEMBER - 23 SEPTEMBER

1A. SOLAR SUMMARY
Activity: Very low

Flares: None

Observed 10.7 cm flux/Equivalent Sunspot Number : 069/3

GOES satellite data for 19 Sep
Daily Proton Fluence >1 MeV: 3.3E+06
Daily Proton Fluence >10 MeV: 1.8E+04
Daily Electron Fluence >2 MeV: 9.7E+07 (normal)
X-ray background: A1.7
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
21 Sep 22 Sep 23 Sep
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 21 Sep: 070/5

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Active

Estimated Indices : A K Observed A Index 19 Sep
Learmonth 25 4344 5433
Fredericksburg 31 12
Planetary 30 12

Observed Kp for 19 Sep: 1023 3432

2B. MAGNETIC FORECAST
Date Ap Conditions
21 Sep 20 Unsettled to active
22 Sep 15 Unsettled to active
23 Sep 20 Unsettled to active
COMMENT: IPS Geomagnetic Warning 10 was issued on 19 September
and is current for interval 23-26 September.

3A. GLOBAL HF PROPAGATION SUMMARY

Latitude Band
Date Low Middle High
20 Sep Fair-poor Normal Fair
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
21 Sep Fair-poor Normal Fair
22 Sep Fair-poor Normal Fair
23 Sep Fair-poor Normal Fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
20 Sep -7

Observed Australian Regional MUFs:
Darwin: 15-30% depressed for the period 0000-0900UT,
otherwise near predicted monthly values.
Townsville and Sydney: Near predicted monthly values.
Hobart: 15-30% depressed for the period 0000-1300UT.

Predicted Monthly T index for September: 9

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
21 Sep -5 Depressed 10-30% during local day for extreme
northern and southern Australian regions, otherwise
near predicted monthly values.
22 Sep -5 Depressed 10-30% during local day for extreme
northern and southern Australian regions, otherwise
near predicted monthly values.
23 Sep -5 Depressed 10-30% during local day for extreme
northern and southern Australian regions, otherwise
near predicted monthly values.

--
IPS Radio and Space Services | email: asfc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/asfc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
tel: +61 2 94148300 | fax: +61 2 94148331

3457. Re: Thanks Carl

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <51vaup$5di@dfw-ixnews5.ix.netcom.com>
Source record: 216409

In <cgreenha.679.32429F54@magnus.acs.ohio-state.edu>
cgreenha@magnus.acs.ohio-state.edu (Christopher K. Greenhalgh) writes:
>
>In article <51s9jg$sob@sjx-ixn3.ix.netcom.com> kc5egg@ix.netcom.com
(Gerald Schmitt) writes:
>
>>Jeff, Jeff, Jeff, this is a reach even for you. I have no idea who
Carl
>>works for nor do I care it is not part of the issue.
>
>Then why do you contact peoples employer, based on what they post to
usenet?

That only happens when some twit posts from his job rather that pay for
a personal internet account and then only when he posts so irresposibly
that he could endanger people with his misinformation, not mention
embarrass his employer. Why is this such a big deal? They laughed it
off didn't they?

>
>An apparent contridiction Gerry.

Chris, does this mean I'm contrite about my posts or did you mean
"contradiction"? But then you can't even spell my name correctly.
How's the 9600 baud packet? You still right about that too.

Adios Jerry
>
>Take care.
>
>
>Christopher K. Greenhalgh, N8WCT
>Computer/Electronic Tech. II at The Ohio State University
>E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
>AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

3458. Re: York, PA Hamfest ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: Larry or David Gibbs <larrygibbs@ibm.net>
Message-ID: <3243707A.4E3F@ibm.net>
Source record: 216410
Cross-posted to: rec.radio.amateur.misc,balt.general

Chris Smolinski wrote:
>
> When is the York, PA Hamfest this year? I never picked up a flyer at
> earlier hamfests this summer. I presume it's still sometime in the second
> half of September.
> Chris,

The York Hamfest was August 17 & 18 this year. Sorry.

Larry, W3UIO

3459. Amateur radio Licensing Class

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: jimkr2t@water.waterw.com
Message-ID: <jimkr2t.15.000ADA00@water.waterw.com>
Source record: 216411

Our ham radio group, the South Jersey Radio Association, is planning on conducting a Novice/Tech-Plus class this fall and winter. I wonder if any hams out there are aware of or have used any shareware for code instruction and practice. We have a number of programs available, but they are not considered shareware. We would like to make copies on disk to give to each class member to study code our their own.

Any comments? Please reply here on the newsgroup.

73

KR2T

3460. Re: 4-5 kw Generator Recommendations??

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: Bert - ns4w <ns4w@tdsnet.com>
Message-ID: <3243786A.45E8@tdsnet.com>
Source record: 216412

wb4yuc wrote:
>
> In article <51rlq6$j3s@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net says...
> >
> >
> >>Doyle Souders wrote:
> >>>
> >>> I am interested in purchasing a 4-5 KW generator for our Radio Club.
> >>> Its highest use will most likely be Field Day outings and some other
> >>> emergency preparedness events. My question is which way to go? The
> >>> local Home Depot sells 5KW Coleman generators for around $600 and it
> >>> sells Honda 4 KW generators for around $800. I would like some reports
> >>> on pros and cons for various 4-5 KW generators in the $500-$900 price
> >>> range. Any points you could share on picking a reliable generator
> >>> would be appreciated. Obviously it will not be running continuously
> >>> but it could have periods where it does run 24-48 hours of near
> >>> continuous duty. Thanks for the inputs.. Doyle KG6MY
> >
> >From the island of many generators we would definitly recommend the
> >Honda. Quieter, much more reliable than the Coleman. In the last ten
> >years I have seen as many broken Coleman generators as I have pretty
> >girls, and we have a BUNCH of pretty girls here.
> >
> >73, Jim KH2D
>
> You're not limited to those two manufacturers. Onan, Kohler, and Dayton
> are other manufacturers.
>
> 73,
> Bruce, WB4YUC

I own two units which are hybrid sold by Coleman. 5kw peak with *Honda*
engines and alternators, the rest is Coleman. I have had good service
and they are pretty quiet also. about $1100.

73, Bert - NS4W

3461. This Week in Amateur Radio #182 (for air through 9/27/96)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: "Stephan M. Anderman" <sanderman@delphi.com>
Message-ID: <pFLxc4Q.sanderman@delphi.com>
Source record: 216413

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Here is a summary of news items covered on edition #182 of
"This Week in Amateur Radio", North America's satellite-delivered
audio bulletin service, for the week ending 27-Sep:
-
1. Three More Hams in Space, One to Stay Four Months Aboard Mir
2. AMSAT Discusses Cosmonaut Activity Schedule, When to Work Them
3. FCC Says Electronic Version of Vanity Call Sign Form Available
4. AMSAT-France Member Wins International Engineering Award
5. "Ancient Amateur Archives" w/Bill Continelli, AB2CA (ex-KE2XB)
6. Weekly Propagation Forecast
7. "Gateway 160 Meter Net Report" with Vern Jackson, WA0RCR
8. UNAMSAT Team Returns to Mexico City, Satellite Check-out Begins
9. Special Event Station Calendar
10. Former AMSAT-NA President Suffers Heart Attack, WA2LQQ SK at 52
11. "The RAIN Dial-up" from Chicago
-
Funding for the program's transmission and production expense was
provided this week by a grant from Mike Reynolds, W0KIE, of Tulsa,
Oklahoma, and the W0KIE Satellite Network, which carries "This Week
in Amateur Radio" to affiliates throughout North America.
-
"This Week in Amateur Radio" is a weekly amateur voice bulletin
service, produced by Community Video Associates, Inc., a New York
State not-for-profit corporation based in Albany, NY. The program
is heard on the "W0KIE Satellite Network" each Saturday at 9:00 PM
(EDT) on the Hughes Communications SBS-6 commercial communications
satellite, transponder 13B upper, located at 74 degrees west
longitude in equatorial geosynchronous orbit. The transponder
center frequency is 12.019 GHz; tune up in frequency to 12.031 GHz.
Program audio is on the 6.2 MHz analog subcarrier and carried on
VHF/UHF repeaters throughout North America and on 160 meters at 1860
kHz. Contact your local amateur radio club or repeater operator if
"This Week in Amateur Radio" is not being heard in your area.
-
Production and transmission expenses are underwritten by donations
from repeater operators, amateur radio clubs, and individuals.
Further information is available from George Bowen, N2LQS, at
518/283-3665 (email kxkvi@delphi.com) or Stephan Anderman, WA3RKB,
```

at 518/664-6809 (email sanderman@delphi.com). You may also reach
them @ WA2UMX.FN32AW.ENY.NY.USA.NA via amateur packet.

3462. Mid Atlantic VHF conf & Packrats Hamarama announcement

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: landisj@nad.com
Message-ID: <1996Sep20.101552.645@main03>
Source record: 216414
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.swap

*** Mid Atlantic VHF Conference ***

The 20th Annual Mid-Atlantic States VHF Conference sponsored by the Mt. Airy VHF Radio Club will be held on Saturday, 5 October at the Days Inn in Horsham PA. Technical presentations relating to VHF/UHF/SHF weak signal operating will begin at 9AM.

The Days Inn is located just north of exit 27 (Willow Grove exit) of the PA Turnpike, just north of Philadelphia, in Horsham, PA. Rooms at the Days Inn can be reserved by calling 215-674-2500. Mention Pack Rats for a discount. The Days Inn is filling up quickly, so reserve soon. Additional lodging is available in the Horsham area: Holiday Inn Trevose (215) 364-2000, Marriott Willow Grove (215) 830-0550, Hampton Inn Willow Grove (215) 659 - 3535, Warrington Inn (215) 343-0373.

*** HAMARAMA ***

On the following day, Sunday 6 Oct. the Packrats will have their annual hamfest at the Bucks County Drive In Theater, about 5 miles north of PA Tpk. exit 27 on Rte. 611. Talk-in on 146.52 simplex and the club repeater on 224.58.

Ron, WZ1V has placed the flyer for the events, including a preliminary list of presentations, on the N.E.W.S. Group web page:
http://uhavax.hartford.edu/~newsvhf/hamarama.html

For more information on the technical conference or a possible presentation slot, contact John Sortor, KB3XG, at 610-584-2489 or at JohnKB3XG@aol.com.

** Preliminary Conference Agenda **

SPEAKERS TOPICS

KD1DU, Del Schier - Introduction to 10 GHz Equipment and Operation

WB6JJN, Jim -Amateur Satellites:Modes, Bands,& Issues @ VHF thru Microwaves

AJ3K, Jim Rautio, Sonnet Software - 3-D Planer Electromagnetic Design

WA1YHO, Gary Dallas - Using YO & AO to Optimize a 6M Antenna System

N1DPM -Introduction to VHF/UHF Weak Signal Operating

Harvey Kaylie, Mini-Circuits Laboratories

WB2SON, Richard Fiore - American Technical Ceramics

W3ZZ, Gene Zimmerman - 40 Years of Contesting

Preliminary schedule of events:

Friday, October 4, 1996
5pm to 11pm - Out of town guests arrive, check in.
The 2 meeting rooms be used as a hospitality suite. The Pack Rats will provide snacks & beverages

Saturday, October 5, 1996

9am to 12pm Morning conference session.
12pm to 1pm Lunch break
1pm to 5pm Afternoon conference session.
5pm to 7pm Hospitality suite.
7pm to 9pm Dinner/Banquet
9pm to 11pm Hospitality suite.

Sunday, October 6, 1996

6am to 10am Check out
7am to 3pm Hamarama at the Bucks County Drive In

73!
W3IIT & AA3GN
--
landisj@nad.com - speaking only for myself, of course
No, this is not a sig.

3463. Re: Thanks Carl

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <51vmog$2g5@anomaly.ideamation.com>
Source record: 216415

In article <51vaup$5di@dfw-ixnews5.ix.netcom.com>,
Gerald Schmitt <kc5egg@ix.netcom.com> wrote:

>>Then why do you contact peoples employer, based on what they post to
>usenet?
>
>That only happens when some twit posts from his job rather that pay for
>a personal internet account and then only when he posts so irresposibly
>that he could endanger people with his misinformation, not mention
>embarrass his employer.

Even though I maintain this site at my house, with my own funds,
completely pay for my link myself, and in no way represent my employer
at all in any online posting, I have **STILL** had people (not you, in case
anyone gets the misconception) physically call my employer and complain
about my posts.

Just this morning, as a matter of fact.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

3464. WTB: Videocipher II decoders...

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: vgrajeda@morelia.teesa.com
Message-ID: <51vf5t$nc1@lex.zippo.com>
Source record: 216416
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

```
I need to buy 250 vcII decoders,
I pay $ 35 for a 010,018
$ 20 for a 032
$ 10 for a "dead" vcII
$ 40 for a "dead" vcII plus/RS
If You have one or more, let me know...
Thanks...
```

3465. Non-amateur use of CW

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <51thb2$sve@news.Hawaii.Edu>
Source record: 216417

Wonder why this was ignored?

In article <01bba134$cc6282c0$82070ccf@jim-reid-1> Jim Reid wrote:
>
>By the way, contrary to what you read on many of the amateur radio
>newsgroups, CW is alive and well in both the commercial and military
>communication systems of the world! For example:
>
> In the Mediterranian Sea, weather info is provided to commercail
>ships ONLY by CW by ROMA Radio, IAR, from a coastal station on
>Italy.
>
> In the Indian Ocean, weather information is provided to commercial
>shipping ONLY by CW from India on both MF and HF frequencies.
>
> The Brit AirForce, the RAF, is still teaching and using CW.
>The 13 week course, given at No. 1 Radio School at RAF Locking,
>requires 18 wpm skill demonstration to pass. CW is used, world wide
>by the RAF in many ground to ground and ground to air circuits,
>Falklands, etc.
>
>This past June 28th, the Russian Cruies Liner, Alla Tarasovia, at dawn
>that day, with its vaunted GMDSS (Global Marine Distress Satellite
>System) apparantly inoperative, had to send out a CW SOS with
>position, heading, situation, etc. The CW signal was intercepted
>by Stonehaven Radio and alerted the Aberdeen Coast Guard. 71
>passengers and 68 crew on board were saved from harm as a result
>of an alert and competent CW operator. The liner, chartered by
>Toronto based Marine Expeditions, had lost engine, power and was
>drifting out of control Thank God the RO was still CW competent
>and so was the watch RO at Stonehaven.

3466. Re: do we build? was(re: arrl survey ignores 7 of 8 wrc-99 issues!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <51sur0$g7j@news.Hawaii.Edu>
Source record: 216418
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
> ...<SNIP>
>
>I think you see CW transmitters as the most common because that's all
>you do, so your vision is a bit myopic on the subject of home constructed
>equipment (or you may be insisting on a purist definition of homebrew which
>doesn't admit anything but an original design by the home constructor). If
>you were active on other modes, you might find that there is quite a bit of
>building going on for them as well. Probably only at microwave, and for ATV,
>is homebrew the majority course, but it is alive and well on most of the
>other modes, not just among CW operators.

You can quote sales figures of parts being sold but you can't conclude
the projects those components are supposed to go into are ever completed
or even started. Sales of parts doesn't give a very accurate account of
homebrewing. But, hearing comments of what folks are building naturally
enough does gives an account of the general trend in homebrewing.

Now, I think we're going to have to redefine "homebrewing" - I've got
an article here from QEX titled The Ultimate VFO (April 1996); the
circuit contains two major ICs, a clock module, a handful of resistors,
and a few push-button switches. Is snapping ICs into sockets considered
homebrew? I'll say "no", and call something like this a kit, instead.
I'll snap it together but won't make any claim that I homebrewed a
VFO. I've homebrewed VFOs before from scratch and this project won't
begin to come close to the detailed work that those necessitated. And
it won't be as rewarding, either.

Jeff KH2PZ / KH6

3467. Problems with GMDSS

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <51ti6b$84@news.Hawaii.Edu>
Source record: 216419
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

And everyone ignored this item of interest, too.

In article <01bba134$cc6282c0$82070ccf@jim-reid-1> Jim Reid wrote:
>
>This past June 28th, the Russian Cruies Liner, Alla Tarasovia, at dawn
>that day, with its vaunted GMDSS (Global Marine Distress Satellite
>System) apparantly inoperative, had to send out a CW SOS with
>....
>In follow up, BBC TV reported this past July 16th, that the worldwide
>GMDSS is "in a state of near collapse." The report claimed that about
>95 percent of marine distress calls being rcv'd by Coast Guards are
>false alarms! Falmouth Coast Guard alone recv'd 959 false calls in
>the previous 12 months. This is being caused by incomplete training
>of shipboard operators, and a woeful inadequate training to service
>technicians who are to service and certify the equipment. The training
>has fallen behind the need, and has proven much more difficult than
>had been anticipated. Also, the supply of equipment from manufacturers
>is way behind schedule. Further, the training and supply of Inspectors
>to monitor the system and to enforce standards is proving almost
>impossible.
>
>International shipping may just reconsider the situation and decide they
>had better maintain, on the watch 24 hours, CW competent radio
>operators on board, and similarly at Coast Guard stations worldwide.
>...
>73, Jim, AH6NB

3468. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <51vaah$d1f@jupiter.planet.net>
Source record: 216420

> flaherty@pago-pago.pa.dec.com (Paul Flaherty) writes:
> carl@ais.net wrote:
>
> > Morse code is almost 150 years old ... SSB first came into use in the
> > 1950s or thereabouts ... how do you figure that "Given that one is, at
> > best, only a few years younger than the other" ???
>
> Continuous Wave (CW) modulation encoded by the International Code (not Morse,
> which was a different code largely used by landline telegraphy companies)
> wasn't introduced until after the turn of the century, and didn't see
> widespread use until after WWI.
>
> If you're going to play historian, it might pay to learn some history first.
>
> --
> -=Paul Flaherty, N9FZX | "Just name a hero, and I'll prove he's a bum."
> ->flaherty@pa.dec.com | -- Col. Gregory "Pappy" Boyington

careful, carl knows more about everything than anyone. As him, he'll tell
you about all his patents and inventions. PLUS...he can copy 20wpm
of code in his head. WHY, you ask, cause things move faster in a vaccum

steve"the troll" (named so by Carl his self)

3469. Ham Radio on Harley Davidson Ultraglide???

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: Bill <bsplaine@sonic.net>
Message-ID: <32436CC0.27A2@sonic.net>
Source record: 216421

I'd like to figure out a sanitary installation of a dual bander with removable head on my Ultraglide. I have one on the Goldwing I am getting rid of but can't for the life of me picture a good place to locate the head..... does anyone in cyberland know of a ham with a rig mounted on a Harley???? Other than the 'fancy' fairing on the Ultraglide, they are probably about all the same. I am not necessarily interested in making it work in conjunction with the sound system on the Harley as I did with the Goldwing... just a nice setup...

Thanks for any help on this or putting me in contact with someone...

73, Bill/N6GHG
--

Bill Splaine-Healdsburg, CA
bsplaine@sonic.net

3470. Re: Who actually ENJOYS CW and could care less about throughput?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <51stcj$fai@news.Hawaii.Edu>
Source record: 216422

<carl@ais.net> wrote:
>jjo@tekla.fi (Jari Jokiniemi) writes:

>>I also do think that if radio amateurs had to take a test every
>>few years in order to be allowed to operate the radios, then pretty many
>>of us
>>would have very different opinions about the cw requirement than now.

>I agree ... I really would love to find out how many of the "keep the
>code" folks ... many of whom long ago retired the key in favor of the
>mike ... would lose their privleges if they were suddenly called in for
>retesting ...

Dump 'em. Anyone who can't currently pass any of the elements they were once
tested on should not be allowed to renew.

Say Carl, think you can still pass the 5wpm you took 20 years ago? =:o

Jeff KH2PZ

3471. Re: Alpha Bravo phonetics: the quickie version

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: odegard@ptel.net
Message-ID: <51tb9g$ts6@cronkite.polaristel.net>
Source record: 216423
Cross-posted to: alt.usage.english,sci.lang,rec.radio.amateur.misc

[posted to alt.usage.english & e-mailed]
On Thu, 19 Sep 1996 16:31:45 -0400, Larry Krakauer <larryk@kronos.com>
wrote:

>Quebec is pronounced (roughly) kay-bec in *French*, but it's usually
>pronounced kwe-bec in *English*. It would seem better to have chosen
>a word without this ambiguity, such as queen.

I seem to be the one who Henry Churchyards the rule "how they spell it
and/or how they pronounce it is ALWAY CORRECT".

Truckers pronounce it Kay-Beck; hearing kay-beck said in a Bubba
accent speaks volumes about the way the language is actually spoken.
My observation is that when Bubba says kay-beck and when Jean-Marie
says kay-beck, then, it's kay-beck. We have cross-dialectal
confirmation of the *standard* pronunciation.

Now. As to the *actual* Quebecois (i.e., French-Canadian)
pronunciation of "Quebec": I'm not sure. It's somewhere between
/keI'bEk/ and /kE'bek/, with a compromise /k@'bEk/ thrown in. I'd like
to hear from a primarily francophone Quebecois for confirmation or
refutation.

--
Mark Odegard odegard@ptel.net
The great orthographical contest has long subsisted between
etymology and pronunciation. It has been demanded, on one hand,
that men should write as they speak; but, as it has been shown
that this conformity never was attained in any language, and
that it is not more easy to persuade men to agree exactly in
speaking than in writing, it may be asked, with equal propriety,
why men do not rather speak as they write.
-- Samuel Johnson, "The Plan of an English Dictionary" (1747).

3472. Re: ARRL "Representation" on code and other issues ++

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-20 00:00:00 UTC
From: cathryn@junglevision.junglevision.com
Message-ID: <slrn545cqt.ju1.cathryn@junglevision.junglevision.com>
Source record: 216424
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <51p8oe$m8r@news.ios.com>, Alex VonYonkers wrote:
>next generation of HAMS. We need to grow the previousely
>stated %2 of REAL Amateurs to as much possible. But
>when they can-t use THEIR equipment to call in for a pizza
>there in no much incentive to build new infrastructures
>on top of the aging ALOHA.

I tend to agree with this. My opinion is that the 'no business
' rule on ham radio is overly stringently defined. I don't
want to see commercial businesses on the ham bands, but I think
some lightening up would allow us to do more cool stuff.
I've heard so much anal retentive rules lawyering on ham radio
to make me comatose.

>We need the equivalent of the IBM to generate and build
>universal standars and hardware and we need the equivalent
>of Microsoft to help us be better users of the system.

I see the lack of standards and of cool new stuff as an
opportunity more than a problem. I think the problem is
more organizational. If you do a new communication technology
you need more people doing it. Know what I mean? Who wants
to build a 110K baud packet if there's no one else to talk to.

Most exotic ham radio technology has to take place on microwaves
where the bandwidth is, so it's even more important to have
a buddy close by who you can work with. I don't think it takes
that many. I guess if you have 4 or 5 people doing say, ATV or
high speed packet in an area once a week, then you could get
others to start building boards.

I'm not an expert on what it takes on the radio side, but it seems
to me that the problem is mainly getting the bandwidth. If we
had a transciever that was pretty much like any other box we have
now, but could transmit signals of higher bandwidth, wouldn't that
provide a bedrock for all kinds of interesting experimentation.

3473. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: carl@ais.net
Message-ID: <51vbev$jhh@news.ais.net>
Source record: 216425
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In <1996Sep20.152057.12695@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>
>No, AX25 serves a real purpose. It forms the MAC (Media Access Control)
>layer for the upper layers. Here are some of the things it does.

{deleted Gary's explaination of the "what AX.25 does for us", which was,
as usual for Gary, well done}

When I started this, my intention was to try to get some discussion
going in the area of more efficient ways of doing MAC things than AX.25
does ... I was hoping to imply that AX.25 could be replaced with
something better ... and maybe get some ideas going ...

Carl - wa6vse
carl@ais.net

3474. Re: Digital/Analog HF Receiver Design

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: Jim Reid <jreid@aloha.net>
Message-ID: <01bba751$981abfa0$64070ccf@jim-reid-1>
Source record: 216426
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital

Jim Reid <jreid@aloha.net> wrote in article
<01bba732$83fb2ba0$89070ccf@jim-reid-1>...

Typp error spotted in last paragraph. Should read as:

" This is the direction to newer traditional HF band receivers; I believe
this is the direction that new SOA digital modulation technology
receivers will also be going. Now, the cost's of the needed highest speed
digital components, frequency dispersive filters, etc., exceeds what
amateurs will pay--as a wild guess,$10K to $15K for a transceiver?
Probably
way too high for a manufacturer to risk developing and marketing at this
time.

73, Jim, AH6NB (for a few more days, weeks?)

3475. Re: Digital/Analog HF Receiver Design

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: carl@ais.net
Message-ID: <51vdub$kop@news.ais.net>
Source record: 216427
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital

In <01bba732$83fb2ba0$89070ccf@jim-reid-1>, "Jim Reid" <jreid@aloha.net> writes:
>
>The systems for which he argues are not now available in the
>market to my knowledge, as he implies in his comments.
>

Some of the things I've proposed were ideas that I made up as I wrote
the posts like the "digital CW" system ... it's doable ... but only hams
would WANT to do it ...

Some of the things I've mentioned are in current use in the commercial
or military arenas ...

Everything I've proposed or alluded to is doable with technology that we
have today ... no real breakthroughs are necessary, just some good solid
design work ...

> I believe there are
>some very practical design constaints which still preclude their
>realization in present, reasonably affordable amateur HF
>band rigs.

I disagree ... and since when were amateur HF rigs (using current
technologies) cheap?

>However, let me present my reasoning, and then
>I am certainly open to further discussion on the matter.
>

>Modern technology HF receiver design, even for the digital
>techniques said to be much better than CW or other
>older digital modes, such as the PACTORs, is still
>dependent on some fundamental characteristics of
>electronic circuits and devices.
>

Yup ...

{snipped a bit of non-essential stuff that didn't make a lot of point}

>The heterodyne technique, which came along in the
>1920's (which has evolved into what we now
>call superheterodyne techniques, and was actually a
>copyrighted name by RCA in the later 20's) is , even
>today, the most successful way to reduce the bandwidth
>of the signal being amplified up to levels where it may be

>successfully demodulated.

Superhets are being replaced with newer techniques such as
direct-to-baseband I/Q demodulation and DSP or sampling at IF and doing
the demod (and the mod in transmitters) in the digital domain with DSPs.

>The most costly new HF
>receivers are using as many as four IF conversion frequencies,
>with the final IF being centered in the 10 to 15kHz area
>where audio frequency type DSP technology may be
>applied.

Multiple IFs cause spurious problems, increase costs, and are being
replaced with more advanced techniques.

Low IFs in the audio range at the end of a multiple-conversion superhet
is a pretty gross way to design a radio.

DSP only at audio (filtering, etc.) is NOT a "DSP radio" ... it's a
bandaid ... a "real" DSP radio will do the mod and demod in the digital
domain ... (yes for FM and SSB, too ... my patents cover EXACTLY that,
so I know of what I speak ... and the trend in modern radio transceiver
design is definitely in that direction ...)

>Here DSP technology can be used to further
>reduce noise, and enhance coherent signal amplitude,
>or extract deliberate non-coherent signals using, perhaps
>IF frequency dispersive filter technology, providing
>the "coding" scheme is known apriori, even should
>these signals lie at negative signal-to-noise levels.
>They will still "look" different enough to the circuits
>to allow detection and demodulation. Unfortunately,
>because of present component costs, audio frequency
>type components with these characteristics are not
>affordable for use in even a high-end price range amateur rig.

Huh????? A DSP subsystem is going to be a hell of a lot cheaper than
all those crystal filters and jacking signals around from one IF to
another, etc. ... the "rice box" people just haven't figured out how to
do it yet ... (or maybe, they just fugure they have no incentive to
invest in designing modern stuff for people who still insist on using CW
..)

[snipped out some sort of basically correct, but confusingly-worded
stuff about Boltzman's Constant and the fact that thermal noise exists]

>The heterodyne technique is still, at this time, the only way to
>both add gain to a very weak received signal and to narrow the bandwidth
>down to reduce the noise accompanying the signal,

Horse-puckey ... the 900MHz spread spectrum system I'm currently
building at work does an I/Q mix DIRECTLY to baseband from 900 MHz,
digitizes the I/Q signals and does everything else digitally.

It would appear that you've been consulting the outdated works at
the local public library???

Yes, some of us know about noise figure, too ...

>
>The most costly HF rigs today have up to four IF conversion used
>frequencies, even going down to 10 to 15kHz IF center frequency:
>here, as said above, modern DSP technology can be applied at IF,
>rather than after detection and conversion to base band(audio
>frequencies).
>

Boy did they see you guys coming (ha, ha) ... ("Wow," he says ... "this
one has FOUR IFs!!! This *must* be *better* than that one ... it only
has THREE!)

Didn't your mama ever tell you the story about the "three little spurs"
??? (or was that three "bears"??? <snicker>)

>So the only way to have a very high sensitivity rig, is to have a unit
>which can be tuned at will, all over the HF bands, and detect signals
>using narrow bandwidths to lower the noise power which will
>accompany the signals; this technique thus increases signal to noise
>ratio amplitude.
>

In a "homodyne" ("direct conversion") receiver, all that needs to be
tuned is the LO ... in the case of an I/Q mix to baseband, it's exactly
the same frequency of the carrier frequency of the signal you wish to
tune ...

>the DSP technology to be applied at higher than audio IF band center
>frequencies, and should yield very sophisticated noise eliminating
>techniques, as well as coherent and, when detected, non-coherent
>signal enhancement.
>

DSP can be applied either at baseband, after the afore-mentioned I/Q mix
from RF to baseband, or, as I said before the IF can be sampled
directly. And NO, Virginia, one does NOT have to have a 900
megasample/sec plus A/D converter to sample an IF signal at 450MHz ...
there are other ways of satisfying the revered Mr. Nyquist ...

>This is the direction to newer traditional HF band receivers; I believe
>this is the direction that new SOA digital modulation technology
>receivers will also be going. Now, the cost's of the needed highest speed
>digital components, frequency dispersive filters, etc., exceeds what
>amateurs will pay--as a wild guess,$10 to $15 for a transceiver? Probably
>way too high for a manufacturer to risk developing and marketing at this
>time.
>

Agreed that many hams think prices are too high ... but they're getting suckered into paying big bucks for those 3-4 conversion "super"hets and "DSP" radios that really just use the DSP for some fairly basic audio filtering ...

But "Buzz-words" sell radios to people that don't know the difference, I guess.

On another topic ...
I've been accused recently of wanting a no-code license to "line my pockets" because I (allegedly) work for a company that' "waiting in the wings to get rich selling it's HF stuff to all the new no-code hams"
..

As I said before ... the company I presently work for would not waste 10 picoseconds of its time even thinking about the ham market ... I'd bet that we spend more on R&D alone in a month than most ham manufacturers make in an entire year ...

I have not one iota of financial interest, either personally, or through my employer, in the code/no-code issue ...

Carl - wa6vse
carl@ais.net

3476. ???looking for detailed plans for 10 element 2 m. beam with metel boom.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: Andy and Sherry <n3whs@fast.net>
Message-ID: <01bba755$44813dc0$1bd993cd@andysher>
Source record: 216428

Im looking for detailed plans for a 10 ele. 2 meter beam with a metal boom. Ive looked in arrl ant. and handbook. They were kind of vague and didn't always give all measurements. Or they left out feedline arrangement. Ex. hairpin or direct connect. Thank you for any help or feed back. Anybody with info. can post here or e-mail me at.

n3whs@fast.net

3477. Re: PRO - CW !!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: carl@ais.net
Message-ID: <51veal$kop@news.ais.net>
Source record: 216429

In <DxyoE6.63v@iquest.net>, payne@iquest.net (Don Payne) writes:
>
>Hey! We already HAVE no-code ham radio. It's called CB!!!!
>I rest my case.
>Don
>WB5IQV
>

Rediculous ... you obviously have no case.

Carl - wa6vse
carl@ais.net

3478. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: carl@ais.net
Message-ID: <51vf1a$kop@news.ais.net>
Source record: 216430
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <51v7nf$geh@usenet.pa.dec.com>, flaherty@pago-pago.pa.dec.com (Paul Flaherty) writes:
>carl@ais.net wrote:
>
>> SSB is NOT dead ... just middle-aged ... CW, on the other hand is
>> positively fossilized ..
>
>Congratulations, Carl. You've just repeated the most oft-cited ad hominem
>attack against CW. And in doing so, you've just (to mangle Yamamoto) awakened
>the giant and filled him with a terrible resolve.
>
>No, CW is not outdated.

Yes it is ...

>Nor is the requirement.

Yes it is ...

>Newer technologies exist, but not in the Ham Radio domain,

of course they don't (in ham radio) ... you folks keep out most of the
modern thinking, progressive people with your backward thinking.

>nor are they a cost effective replacement for CW,

that's a rediculous assertion ... that's like saying cars can't compete
with horses ... cars can cost lots more than a horse, but they still
work better for getting across town or the state ...

>which nearly 90+ years after its introduction, is still the most spectrally
>efficient

IT IS NOT SPECTRALLY EFFICIENT!!!!!!!!!!!! In terms of bits/sec/Hz, it's
piss-poor ... CW would not come close to meeting the new spectral
efficiency requirements being imposed for future type-acceptance of
equipment in the land mobile radio bands ... NOT EVEN CLOSE!!!

Just because you'd LIKE TO BELIEVE some mythology, doesn't make it true.

>
>While I wholeheartedly agree that the required rates should be reduced, to
>eliminate them entirely would be an unmitigated disaster on the HF bands.
>

Why? Why would the world end? Are you afraid that you might turn your
radio on some day and find that some "damned no-coder" was using "your"
frequency???? (that seems to be the principal objection of the

pro-coder)

Carl - wa6vse
carl@ais.net

3479. Re: re who enjoys cw

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: carl@ais.net
Message-ID: <51vf5q$kop@news.ais.net>
Source record: 216431

In <51od3l$a9g@news.Hawaii.Edu>, jherman@Hawaii.Edu (Jeffrey Herman) writes:
>In article <51hnc5$t2l@news.ais.net>, <carl@ais.net> wrote:
>gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>
>>>Perhaps that's how to clean up CB, we'll cut up some Morse
>>>conditioned amateurs and feed them to the CBers. That will
>>>then somehow make them morally superior beings as well.)
>
>>First modern use for "Morse conditioned amateurs" I've ever heard of ...
>>too bad it's illegal ... :-)
>
>I find it amazing how much hostility you boys have toward code ops.
>It's eating away at your insides; you'll both be in pain with ulcers
>and we'll still be pounding out the code. There's some poetic justice
>buried in this somewhere.
>
>KH2PZ
>

Chill, Jeff ... don't you know what :-) means? I know it's not "di di
DUH DUH" but I thought you'd get the joke ...

Carl - wa6vse
carl@ais.net

3480. Re: pro - cw !!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: markl@dove.net.au
Message-ID: <843273127mnewsmarkl@dove.net.au>
Source record: 216432

>
>
> I've been reading quite a few messages about doing away with CW or at
> least not requiring it on various levels of exams. I completely
> disagree.
>
> CW is an art form. We live in an instant gradification society, "I
> want it now !!". We've been pretty much conditioned in this mode of
> operation. Why does it have to include ham radio? What about tradition?
> Ham radio has a great tradition and CW is part of it. Things like
> making your first QSO as a new novice (I still remember mine),
> developing your skills as an operator on CW and phone, moving up to the
> next license--these are things you can be proud of. Which mode gets
> through better is not the point. Sure I 've been on for almost 40 years
> now and I'm an old -- whatever, but I am still proud of my abilities on
> CW and phone. You are advocating the loss of opportunity. No one "even
> in the dark ages" wanted to spend time on CW at the start. All I wanted
> to do was talk on phone. That was in the beginning, but as time passed
> and my skills increased I had gained something.

Whether CW is an "art form" is subjective at best. One could argue that anything from a good construction to a video broadcast is also "art".

I see that you are proud of you abilities on CW and phone, yet there is no exam on phone. It is obvious from your text that your phone abilities increased, as well as your CW abilities. This is personal dedication and is obviously not linked to a single exam.

Yes, it may be true that if the Morse exam is removed that there would be more people on HF initially without Morse knowledge, but I doubt it would be true that percentage of amateurs using Morse after being licenced, say, 5+ years would be any different. If you are interested in Morse you will learn it. Taking the position that people must learn Morse to get an interest can surely be applied to ANY amateur activity. People who have a passion for something can never understand why others don't have the same appreciation, yet I don't anyone would support examinations in every possible mode just so that we can appreciate them.

>
> I agree that change is usually indicated from time to time. Well, we
> got it in handfulls, no-code licensing, VE testing, expanded bands. Then
> because someone decides that CW is in their way of more frequencies, the
> answer is do away with it, rather than taking on the challenge. Should
> reward be instantly granted on request? Ham radio to many may be like
> their computer, if its running too slow go buy an upgrade. To others,

> like me, ham radio means a great deal more. You are really the loser.
> Talk to some of the old timers. Develop some real pride in your hobby
> and you will try and protect it.

Again there are very few who advocate the removal of CW from any bands. I certainly don't. The amateur bands are for every mode. Having "real pride in your hobby" is a personal experience and it is unwise to think that one's own activities are what makes everyone else proud.

> Because I am an Extra does that make me elite? Well, it took me 20
> years to get there (many failed exams at the FCC). No, I don't think
> I'm elite, just proud of what I did. Do I deserve more spectrum--you
> bet--I earned it! You earn it, and don't degrade the accomplishments of
> others.

Interesting that you believe that questioning the continued relevance of an exam is degrading your accomplishments in Amateur Radio. Surely, your personal sense of achievement can never be affected what happens now. I can remember having a geat sense of pride when I first started work (with 1kW valve transmitters left over from WWII). The fact I now work with solid state transmitters putting out hundreds of kW does not lessen the value of that achievement to me. Achievments can never be taken away from you, if YOU believe that they were real achievements.

The licence examination should examine what people are REQUIRED to know and continue to do, long AFTER the examination has finished. This is the case for the theory and regulations as there are penalties for non-compliance. This doesn't mean that you can't or won't forget, but it does mean that ignorance cannot be used as an excuse for a breach. The same does not apply to the Morse exam, so it isn't a suitable topic for a LICENCE exam.

I only speak of LICENCE exams and what they should do, not "achievement" awards which AR may issue to operators and experimenters.

> Rick, KG7A
> .

Mark

3481. What's the best study book for no-code?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: LadyRobn@diac.com
Message-ID: <51vhsu$fqs_001@ppp1.diac.com>
Source record: 216433

A girl friend of mine is interested in becoming and amateur. I've had my license so many years now that I don't know what the best books are any more.

I think I remember one by the ARRL called "Now You're Talking". Is that a complete self-contained book that she could use to get her no-code, for starters & get on the air?

Robin
LadyRobn@DIAC.COM

"They regard themselves as aliens within their own world -
a condition with which I am somewhat familiar" - Spock of Vulcan

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for advertising space at the rate $500 per message.**

3482. F.S. Icom 736

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: Bill Lupo <bill@nji.com>
Message-ID: <32436F63.557A@nji.com>
Source record: 216434
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

Icom 736 HF + 6m 100 watts comes with Icom SM-8 desk mic
communications specialist TE-64 selectable tone deck for FM- repeaters
have original boxes for radio and manual.

New cost 1799.00 (as per AES closeout price in Oct of 96)
SM-8 145.00
PL Deck 85.00
Total New 2034.00

Will sell complete package for $1775 + shipping or best offer.

If interested call Bill WR2M at 201-584-6550 days or 201-770-0242 eves
and weekends

3483. Re: CB linear amps 4 Sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: dj@cal.org
Message-ID: <51vhic$j46@tofu.alt.net>
Source record: 216435
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.cb,rec.radio.swap,rec.radio.amateur.misc,alt.2600

bgv@li.net wrote:

>Ron Katz wrote:
>>
>> HAY! Brand new CB linear amps in box & warrenty.
>> 100 watt $100.00
>> 300 watt $150.00
>> 600 watt $300.00
>> 1000 watt $500.00
>> 2000 watt $700.00
>> 5000 watt enquire
>> CB radios all kinds $35 & up
>> email me for a full catalogue of radio stuff.
>I am interested. Please mail me a list!!!!!!!! Do you have mobile
>antennas also?????????

>BGV

Me too!

3484. hamradio-online.com EXCLUSIVE: WA State Eases Proposed Radio Restrictions

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: vbook@vbook.com
Message-ID: <51vols$8ev@kanga.accessone.com>
Source record: 216436
Cross-posted to: rec.radio.amateur.misc,wash.general,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

We learned about 10 days ago of a proposed new law in the State of Washington that would have required certification of all mobile radio installations by the State Patrol. We contacted the State Patrol and our state representative, Brian Thomas. As a result, the proposed draft has been thrown out and the scheduled public hearing on the matter has been cancelled. Today the State Patrol has advised us of new wording for the proposed rule - wording that no longer appears to have an impact on Amateur Radio operations. You can read the complete story in an EXCLUSIVE story published at Ham Radio Online at http://www.hamradio-online.com

---
Ed (KF7VY) and Kim (N7VPL) Mitchell
email to vbook@vbook.com
Visit Ham Radio Online, it's free! at
http://www.hamradio-online.com

3485. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep21.052840.1689@ke4zv.atl.ga.us>
Source record: 216437

In article <51si0m$12i@anomaly.ideamation.com> kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:
>In article <1996Sep19.155347.8825@ke4zv.atl.ga.us>,
> Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>
>>>Well Carl, you just made the case for a "no code, no theory" examination.
>>>If the only purpose of the test is to "safely operate radios" and not
>>>cause harmful interference, then you can boil the entire 5 technical
>>>examinations we have today down to a single 10-question multiple-choice
>>>exam.
>>
>>If you really believe that's all the knowledge necessary to safely,
>>and without causing harm to others, operate amateur radios, then I'd
>>suggest you should put away your radios until you learn what is really
>>required to do so.
>
>How much "knowledge" is needed by CB folks to safely operate their
>radios.

Obviously, from the harmful interference complaints against them, over half a million a year according to the FCC, considerably more knowledge than they currently exhibit. And from the reports of accidental contact with power lines when erecting CB antennas (such a problem that CB base antennas all come with warning stickers now), more than they have exhibited.

>Now, granted, the power limits are a little different, but the same
>general concepts apply.

Yes, the power limit is different, and those who obey that limit aren't too likely to suffer a biohazard from RF exposure, as contrasted to amateur operators who are allowed power limits which can be hazardous (to themselves and to others). And the radios are Type Accepted, so there's less chance of emissions outside their allocated spectrum to cause harm to others if they leave the radios unmodified, but that doesn't apply to amateurs either.

If amateurs were limited to 5 watts, and required to use unmodified Type Accepted radios, considerably relaxed examination standards could be permitted. But that is not the case, and I would suggest it would be an extremely undesirable course for amateur regulation to take. That's because it is counter to the primary purpose of the amateur service, that of technical investigation.

And note that a Morse speed test doesn't address any of these concerns. It doesn't address an amateur's knowledge of RF biohazards. It doesn't address an amateur's knowledge of spurious emission suppression. It doesn't address an amateur's knowledge of basic electrical safety. Etc. It merely measures Morse speed, something that the lack of calls for enforcement action against those who send Morse slowly or poorly on the amateur bands has clearly demonstrated to be a non-problem.

The problems of concern in amateur radio don't appear to be related to Morse speed at all. In fact, enforcement records would seem to indicate that enforcement actions against amateurs fall disproportionately against those who have passed the highest speed Morse exam, IE Extras, who comprise the smallest amateur class, have the largest percentage by class of NALs filed against them.

Now while correlation doesn't prove causation, it certainly raises a suspicion that there is some sort of link. Since there are no reported enforcement actions against use of too low (or too high) Morse speeds, the link cannot be a direct one. However, in as far as a Morse speed exam may inadvertently measure behavioral factors, it would appear to select disproportionately for those whose behavior is deemed unacceptable.

To be charitable (and fair), it would appear that most violations are not for actions in which Morse usage is directly involved. This would seem to indicate that the behavioral selection (if any) which is occurring is among that group who see the Morse speed exam as a "challenge" to be overcome rather than among those who see Morse as a utilitarian tool.

This may be indicative of persons lacking a strong internal set of values, IE persons who must have some external sort of validation of their self-worth to hang on the wall as proof that they are more than they *really* subconsciously believe that they are. This sort of behavior is often an indicator of deep seated personality problems.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3486. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: mdf@vigard.mef.org
Message-ID: <mdf.843266865@vigard.mef.org>
Source record: 216438
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>No, AX25 serves a real purpose. It forms the MAC (Media Access Control)
>layer for the upper layers. Here are some of the things it does.

I'll re-order these slightly, though keep the same numbers:

>1) It provides the CS part of CSMA by holding off transmission when
> another carrier is sensed on the channel.
>
>3) It provides the Txd to handle transmitter and receiver settling times.
>
>4) It provides a way to avoid repeated collisions through its p-persist
> and slottime parameters.

But these are channel-access issues; the radios and low-level
interfaces deal with this. At this point, the packet is yet
another bag-o-bits to squeeze out the radio and nothing more.

>2) It provides the leading flags needed to synchronize the HDLC clocks.
>
>7) It offers a checksum for initial packet validation, thus minimizing
> the CPU time required to discard a faulty packet. (Otherwise the
> packet would have to traverse layers all the way up to TCP before
> being validated.)
>
>8) It also offers the ability to discard packets which aren't addressed
> to the hardware address (call sign) of your station, again reducing
> wasted CPU time.

Technically, I suppose this is correct since the AX.25 specifications go
on about HDLC and the sort. But HDLC is almost a channel thing too --
just another way of recognizing that a packet is there.

>5) It provides the hardware addresses in its header to which logical
> IP addresses are mapped (via ARP). (Hardware and logical addresses
> must be separate if multiple protocols are to be supported.)
>
>6) Its PID byte allows multiple higher level protocols to co-exist
> to/from the same hosts, simultaneously.

When you get down to it, this is really *all* that wrapping an AX.25 envelope
around IP packets does.

Well, that, and in the United States, keeping millions of hams out of jail. :-)

>[VC mode] [...] I'd suggest its use be avoided today.

I'd go farther and suggest that use of UI AX.25 frames ought to be avoided. This because the UI frames are not acknowledged or re-transmitted, etc, one is implicitly depending on the higher level protocols (eg, TCP) to perform these functions.

This is a mistake, as anyone who has tried to run TCP over a non-outstanding AX.25 radio link knows all too well -- TCP stands a good chance of backing off to infinity or two minutes (whichever is shorter), and throughput drops to almost zero. This is not a bug in TCP, but rather a TCP design feature (good behaviour on congested networks) that conflicts badly with typical amateur radio reality.

[Actually, it is not limited to amateur radio -- other wireless networks suffer the same problem. For one proposed, but alas not too useful, solution to this call up altavista and do a search on "Snoop Protocol".]

IMHO what is needed is a new link-layer that provides:

a) items (5) and (6), given above.

b) non-connectionless, low-overhead, frame retransmission

c) some measure of FEC to keep (b) from being invoked often.

d) anti-HTS -- how many more years must the chaos continue??

e) slim-and-trim headers -- bit-hack to the extreme (though within reason), so the protocol can be used relatively painlessly on on both slow-speed and very high-speed channels.

and maybe,

f) zlib data compression (dictionary generation/selection would be an interesting problem).

Since this here newsgroup is intended as a forum on miscellaneous digital issues in amateur radio, perhaps some discussion on this will ensue?
--
Matthew Francey | VE3RQX | NAD27: N43o40.663' W079o18.519' +0130m

3487. Number codes

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: bmicales@facstaff.wisc.edu
Message-ID: <52026g$27m8@news.doit.wisc.edu>
Source record: 216439

Amateur radio has the Q-codes and also the number codes (the best one being 73). Several years ago, I had a list of these codes and what they stood for, however, I have seemed to misplace this list :-(.

Does anyone out there have a complete listing of the various number codes and/or now where I might be able to find a copy?

Send your replies to : bmicales@facstaff.wisc.edu

Thanks to all for the help!

73
Bruce Micales
WA2DEU

3488. Re: Morse Code again (was Re: re: do we build? was(re: arrl survey ignores 7 o

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <5207ic$cbd@newsbf02.news.aol.com>
Source record: 216440

In article <51sns7$5aa@news.ais.net>, carl@ais.net writes:

>
>So the code should be forced down everyone's throats, because SOME
>SEGMENT of the ham community views it as "important" (to them).
>
>That makes ZERO sense, Ed ... how would the CW folks like it if the
>digital folks forced a test in coding software algorithms for DSP on
>them? After all, those skills are *important* to a(n ever-growing)
>group of hams ...
>
>Sounds like a *practical* test to me ... write some software routines
>that implement an FFT, a Hilbert transform, do some digital modulation
>and demodulation, complex filtering, etc. ... maybe even implement
>some convolutional codes and a Viterbi decoder or two ... Would the CW
>folks find this an appropriate *pass/fail* test element? (If not, WHY?)
>
>I would submit that jaming things that they don't consider relevant down
>people's throats will *always* generate some "devisive" feelings on the
>part of the "jamee" ... yet that's what the code folks have been doing
>to everyone for years and years ... and we're sick and tired of it ...
>to quote "Network" ... "We're mad as hell and we're not going to take it
>any more!"
>
>If that's "devisive," so be it ... I guess we need some "dividing" ...
>it's not always bad to stir things up a bit ... unless all you care
>about is maintaining the status quo at all costs ...
>
>Carl - wa6vse
>carl@ais.net
>
>

Why is necessary to cross post this endless debate to groups like
homebrew>?

3489. Re: Thanks Carl

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <520916$c1l@lehi.kuentos.guam.net>
Source record: 216441

kc5egg@ix.netcom.com(Gerald Schmitt) wrote:

>When I started out in amateur radio I was interested in code as part of
>the ham radio mistique. The pro code cretins on this group and .policy
>have driven me from that to end the code test activism. Fortunatly ham
>radio in general is not relflected in the usenet newsgroup so I have
>maintained an interest. If amateur radio is to survive it need numbers
>not worship of some sophomoric hazing ritual.

That's an original excuse, Jerry. Pro code people on internet made you
loose interest in the code. Very original. Best excuse I have heard so
far. A+.

73, Jim KH2D

3490. Re: PRO - CW !!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <520ip4$hit@jupiter.planet.net>
Source record: 216442

> carl@ais.net writes:
> In <DxyoE6.63v@iquest.net>, payne@iquest.net (Don Payne) writes:
> >
> >Hey! We already HAVE no-code ham radio. It's called CB!!!!
> >I rest my case.
> >Don
> >WB5IQV
> >
>
> Rediculous ... you obviously have no case.
^^^^^^^^^^

for someone so smart he can trun down mensa and copy 20wpm
code in his head it's spelled "ridiculous"

>
> Carl - wa6vse
> carl@ais.net

steve the troll
in your face till you remove the curse

3491. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <520iut$hit@jupiter.planet.net>
Source record: 216443

> jherman@Hawaii.Edu (Jeffrey Herman) writes:
> <carl@ais.net> wrote:

>
> You say we need more people on HF but you don't even have HF privileges (do
> you even own an HF rcvr?).

I'll probably hate myself in the morning, but the carlmeister is a techplus
and he does have HF privies. BUT, he's in the same class as U NO HOO
down south. No radio, but can receive in his head all the nasty stuff
that happens on HF.. He's just jealous that he can't join in.

And RF safety is *not* enough. We're the only
> radio service privileged to build and modify radio equipment; much more
> knowledge of electronics is needed than you are proposing.
>
> Jeff KH2PZ / KH6

steve" the personal troll of Kar-el"

3492. Re: Digital/Analog HF Receiver Design

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep21.092008.2466@ke4zv.atl.ga.us>
Source record: 216444

In article <01bba732$83fb2ba0$89070ccf@jim-reid-1> "Jim Reid" <jreid@aloha.net> writes:
>carl@ais.net, in article <51helc$pjm@news.ais.net>...
>
>In response to a Jim Reid posting which included:
>> >HF operators, unlike the VHF operators, like to roam the bands,
>> >find random and far away folks to chat with on both SSB and CW.
>> >Both of these modes have there pros and cons, but at least you
>> >have a chance of hearing a weak signal calling for a contact on a
>> >random frequency in the band, and probably being able to establish
>> >a plesant QSO, QSB and QRM permitting.
>
>Carl then responded:
>> There is nothing inherent in things digital that would preclude
>> implementing systems capable of this ... most of the modes that are in
>> present use provide for calling CQ ... spread spectrum systems would
>> involve something in the protocol to provide an "address" for calling
>> CQ, with a subsequent switch from the "calling channel" to a "working
>> chananel" ... what's the problem?
>>
>> There's really nothing "exotic" about the newer digital modes ... it's
>> really pretty much "old hat" to those of us who work in industry ...
>> it's only "exotic" and "newfangled" and "complicated" to those who
>> haven't kept up with the times.
>
>The systems for which he argues are not now available in the
>market to my knowledge, as he implies in his comments.

Certainly the ultimate extensions of the techniques Carl
expouses aren't currently available on the amateur market.
That's what makes them attractive targets for the experimenter.
However, there are systems employing the principles of which
he speaks available today which already offer advantages over
conventional analog technique.

Analog technique is throughly plowed ground, and aside from
improvements in device intrinsic properties, which amateurs
are unlikely to be equipped to forward, there is little new
or innovative the amateur can bring to that table.

Digital techniques are new enough (to practice, theory is well
plowed) that not all the ground has yet been plowed, and device
intrinsics are already good enough to allow exploitation beyond
that demonstrated in commercial work to date, and those intrinsics
are rapidly improving too. This is thus fertile ground for the
experimenter to exploit. New and innovative signal designs and

codings are within amateur reach to develop as well. The amateur
is uniquely situated to exploit these techniques because he
has at his disposal a testing laboratory far better than any
bench environment in which commercial developers have to work.
That's the harsh on air environment of the HF amateur bands.
(Though there are some pesky regulatory problems due to historical
artifacts in the thinking of the regulators and the current
amateur population.)

>Carl has been arguing for some time the merits of these "newer
>digital technologies" over the "traditional" at least for now, CW
>and SSB amateur communications modes. I believe there are
>some very practical design constaints which still preclude their
>realization in present, reasonably affordable amateur HF
>band rigs. However, let me present my reasoning, and then
>I am certainly open to further discussion on the matter.
>
>Modern technology HF receiver design, even for the digital
>techniques said to be much better than CW or other
>older digital modes, such as the PACTORs, is still
>dependent on some fundamental characteristics of
>electronic circuits and devices.

Indeed, but you concentrate on the wrong characteristics below.

>The desired signal spectrum bandwidth establishes at
>the outset the amount of noise energy (or voltage)
>which must be handled somehow. This will lead
>immediately to the signal-to-noise voltage or
>information-to-noise ratio which must be detected
>and demodulated. These requirements lead to the
>classic HF receiver design problem of gain-bandwidth
>and noise reduction/elimination.

The principle factor of concern here is *dynamic range* and
freedom from cross modulation. The naive SNR is of little
concern, operation well below the naive SNR has been amply
demonstrated, even among amateurs. The real thing of concern
is Eb/No, and that's an entirely different matter for signal
designs exploiting properties other than mere brute force
amplitude differences between signal and noise.

>The heterodyne technique, which came along in the
>1920's (which has evolved into what we now
>call superheterodyne techniques, and was actually a
>copyrighted name by RCA in the later 20's) is , even
>today, the most successful way to reduce the bandwidth
>of the signal being amplified up to levels where it may be
>successfully demodulated. The most costly new HF
>receivers are using as many as four IF conversion frequencies,
>with the final IF being centered in the 10 to 15kHz area
>where audio frequency type DSP technology may be

>applied. Here DSP technology can be used to further
>reduce noise, and enhance coherent signal amplitude,
>or extract deliberate non-coherent signals using, perhaps
>IF frequency dispersive filter technology, providing
>the "coding" scheme is known apriori, even should
>these signals lie at negative signal-to-noise levels.
>They will still "look" different enough to the circuits
>to allow detection and demodulation. Unfortunately,
>because of present component costs, audio frequency
>type components with these characteristics are not
>affordable for use in even a high-end price range amateur rig.

Lets look at why superhetrodyne technique is useful, and why multiple conversion steps are often used. Superhetrodyne technique allows high levels of RF amplification without requiring tracking tuned circuits over a broad spectrum. In other words, an alternative to superhetrodyne technique, the TRF receiver, requires each gain stage to have track tuned LC components while the IF of the superhet can use fixed tuned LC components. This lowers costs and simplifies design. (Or at least it did in the discrete component era.)

Stablility is another concern addressed by superhetrodyne technique. By breaking up the gain blocks into different frequency sets, feedback from input to output becomes a much lessened problem. Instead of having to isolate the input from the output by 120 db, isolations of 40 db are often sufficient to prevent regeneration to the extent of breaking into spurious oscillations. This lowers costs and simplifies design. (Or at least it did in the discrete component era.)

Conventional superhetrodyne receivers depend on rectangular filtering for selectivity. Not only is this non-optimum from the standpoint of Eb/No (much more on this later), but it is also difficult to practically be made adaptive in mere width. So modern superhets often use multiple conversion stages in order to implement PBT and IF shift. These techniques allow one to slide the rectangular windows of the individual IF filters across one another to achieve variable bandwidth. This is a useful trick, and allows deletion of multiple expensive fixed bandwidth filters at the cost of increased circuit complexity and increased susceptability to birdies.

Another issue the superhet has to deal with is images. In the mixing process needed to achieve superhet designs, each mix produces the desired signal, and an image displaced from it by twice the IF frequency. If the IF is low, the image will be nearby to the desired signal, and will leak through. This degrades the naive SNR as well as allowing interference sources through. Therefore a high IF is desirable because it displaces the image far from the signal and allows simple preselector filtering to be used to suppress it. In fact, modern HF receivers often use an IF of a higher frequency than the desired signal (up conversion) to avoid the image problem, and to allow continous tuning without a gap at the IF frequency. For cost reasons in obtaining rectangular IF selectivity, and to allow PBT/IF shift, multiple down conversions

then follow the first IF.

Quite a number of the superhet's defects are the result of the hetrodyne process itself (birdies, images, complexity, and cost), and the dependence on rectangular filtering to set the naive SNR. If we didn't have to depend on rectangular filtering, and we could deal with the feedback potential of high gain amplification, we would drop the superhetrodyne technique in a heartbeat.

One amateur technique used to avoid the superhet's defects is the direct conversion receiver. Modern ICs have allowed us to avoid most of the stability problems which plagued earlier attempts to have high gain in a single gain block, and a complex active lowpass filter can give us rectangular selectivity. The image frequency of a direct conversion receiver is very low, however, actually in the desired passband range, and prohibits "single signal" reception while costing us 3 db in naive SNR.

With today's intrinsics, the 3 db naive SNR reduction would be of little concern if we only faced a gaussian noise environment. But we don't at HF, so "single signal" selectivity is desired. Thus enters the modern quadrature (or I/Q) receiver design exemplified in amateur practice by Rick Campbell. The R2 applies phase quadrature technique to the direct conversion receiver and allows "single signal" reception while also eliminating the 3 db gaussian noise penalty. This same I/Q technique is embedded in several modern communications IC sets designed for SS and other digital reception tasks.

Note that the "baseband" emitted by the I/Q receiver can also be considered merely a very low first IF with image suppressed. Thus DSP processing of this signal is actually first IF processing, something which can't yet be practically achieved in more conventional superhet designs (though more on that below as well). Thus a simple, cheap, and very high performance DSP based receiver can be built this way.

Even higher performance can be obtained by discarding the analog I/Q combiner at the output of the R2 and using DSP directly on the I and Q signals. This offers a number of very powerful advantages for complex signal designs. This is very close to digital processing of the on-frequency signal in situ.

There is an even closer way to doing on-frequency in situ digital signal processing. This technique takes advantage of the aliasing inherent in the digital sampling process. By using an available flash A/D converter, direct sampling of the desired signal in situ is possible. The sampling rate only has to be twice the signal *modulation* frequency, and not twice the signal frequency, though the sample *width* has to be 1/(2*f) the signal frequency, a condition easily

met with the flash A/D converter. This aliases the signal
modulation down to baseband where it can be processed by
a conventional DSP. No exotic very high cycle rate DSP
chip is required.

There remains only one problem. That is *dynamic range*.
The analog front end of the superhet, the direct conversion
receiver mixer, the I/Q receiver mixer, and the flash A/D of
the sampling reciever all have to be able to handle the dynamic
range of signals received off the air. Because of the non-
linearity of the high gain blocks in analog superhet receivers,
AGC has traditionally been applied as a way of dealing with the
dynamic range of the signals present on the air. This is a
very unsatisfactory solution for receiving weak signals in
the presence of strong interfering signals.

The equivalent of analog gain blocks in the digital domain
is numerical multiplication of the signal samples by a fixed
gain constant. This is completely linear as long as the multiplier
does not overflow. That can be assured by using a sufficient number
of bits to contain the expected dynamic range. To handle the dynamic
range of off the air signals at HF, 24 bits are required. So a 32
bit DSP can safely handle the required dynamic range if care is taken
with processing algorithms to prevent overflow and underflow during
calculations, IE arbitrary precision math routines which treat the
operations piecewise. Some of the newer 64 bit DSPs make this an
almost trivial process by allowing near native integer math
calculations (that's better because it is much faster).

>The signal frequency heterodyne technique is a way to attack the
>gain-bandwidth and noise bandwidth problem in circuits (wires
> with electrons bumping into one another within the conducting
> material.) The flow of current, and thus information is NOT the
>movement of electrons at light speed; it is the wave of
>force of the electrons bumping into one another as a result of either
>an applied voltage potential source at one end of the conductor,
>or the passing, and thus amplitude-varying -with -time magnetic
>field crossing the electron containing conductor. BTW, the finite
>temperature of the conductor material will agitate the electrons
>to also bump into one another a bit, and this adds noise voltage
>into the circuit.
>
>There is a fundamental physical principal which comes from thermo-
>dynamics which says that noise amplitude is proportional to bandwidth,
>conductor temperature and a constant of proportionality(which won't be
>defended here) called Boltzman's Constant. This constant integrates
>together a bunch of information about nature that has already been
>established
>as fact. Therefore, for an HF electromagnetic wave receiver to have
>very weak signal sensitivity, the amount of noise in the receiver's
>circuits must be brought as low as possible. In fact the lowest it can

>become
>would be exactly those microvolts or -dBm's that would be calculated
>applying the above formula for the circuit temperature and signal band-
>width of interest.
>
>The heterodyne technique is still, at this time, the only way to
>both add gain to a very weak received signal and to narrow the bandwidth
>down to reduce the noise accompanying the signal, and also reduce
>the noise introduced by the circuit electronics: this added circuit noise
>is called Noise Figure of the gear and is usually only of much interest
>at UHF and microwave frequencies. This is because there is a huge
>amount of noise which accompanies signals in the HF bands from the
>background emitters of the Galaxy, far more at the lower frequencies
>than that added by the circuit electronics--this is why low noise preamps
>are usually not used in HF gear, whereas above 100mHz or so, they
>are very common. HF gear does often have an RF gain stage ahead
>of the first IF stage mixer, but its purpose is not necessarily increased
>sensitivity, but to reduce LO radiation back out the rcv'r front end which
>could play hobbs with another receiver nearby, and to reduce the impact,
>out of the desired IF passband , of nearby strong signals.

Ok, all of this is fine and good, but it implicitly assumes that the
only form of selectivity is rectangular filtering. That's not the
case when we can bring more powerful processing techniques to bear.
Signal design theory tells us the ideal filter is the perfectly matched
filter, or equivalently the perfect correlator. Now the shape of a
matched filter is almost certainly never rectangular. The shape has
to match the signal phase and amplitude response *precisely* at every
instant in time (note this implies a coherent signal design is mandatory).
With good signal design, this complex shape is very different from the
rectangular filter response of analog receivers, and passes a very
different noise distribution from gaussian. This sort of filter
yields Eb/No rather than a naive SNR. Now such matched filters are
possible to implement in DSP, but they can be very computationally
intense. Signal theory tells us correlation can give an equivalent
result, and correlation is usually much less computationally intense
to implement, so that's the favored technique.

A well correlated signal can have a naive SNR in a rectangular bandwidth
of -18 db or worse while still exhibiting an Eb/No of +10 db or better.
That's because the complex shape of the equivalent matched filter allows
in less gaussian noise with the signal than a naive rectangular filter
of occupied spectral width. Thus traditional naive SNR statements don't
have much meaning when applied to correlated complex digital signals.

I haven't yet addressed the additional "gains" possible from error
correcting codings. If parts of the signal are above the detection
threshold set above, the entire signal content can often be obtained
by use of FEC techniques. This isn't precisely a detection gain
because at least parts of the signal must be detectable without
it, but it certainly represents a throughput gain.

>The most costly HF rigs today have up to four IF conversion used
>frequencies, even going down to 10 to 15kHz IF center frequency:
>here, as said above, modern DSP technology can be applied at IF,
>rather than after detection and conversion to base band(audio
>frequencies).
>
>So the only way to have a very high sensitivity rig, is to have a unit
>which can be tuned at will, all over the HF bands, and detect signals
>using narrow bandwidths to lower the noise power which will
>accompany the signals; this technique thus increases signal to noise ratio
>amplitude.

As noted above, there are other ways of getting to a sample rate
that current DSP can handle than the multiple conversion superhet.
Thanks to improved device intrinsics, this is likely to become
the favored approach, and multiple conversion superhets are likely
to become dinosaurs.

>Analog semiconductor technology does nothing about narrowing bandwidth
>of circuits; in fact modern semiconductors have inherent very wide
>bandwidth amplifying characteristics; just the opposite of what we want
>in a very sensitive rig! The road to better rigs lies in the direction of
>higher speed digital circuits; A to D and D to A converters. These will
>allow
>the DSP technology to be applied at higher than audio IF band center
>frequencies, and should yield very sophisticated noise eliminating
>techniques, as well as coherent and, when detected, non-coherent
>signal enhancement.
>
>This is the direction to newer traditional HF band receivers; I believe
>this is the direction that new SOA digital modulation technology
>receivers will also be going. Now, the cost's of the needed highest speed
>digital components, frequency dispersive filters, etc., exceeds what
>amateurs will pay--as a wild guess,$10 to $15 for a transceiver? Probably
>way too high for a manufacturer to risk developing and marketing at this
>time.

That's a shocking statement, but it may be true. $10-$15 extra
may be more than amateurs are willing to pay for better performance
equipment, especially if it means abandoning their "traditional"
signal modulations. But I expect that the RF part of tommorrow's
receivers will actually be simpler than today's receivers, and
should offer markedly reduced costs. The digital back end will
add costs, but probably not enough to offset the up front savings.
(The price of digital components continues to plunge as their
power grows while the cost of analog RF components continues
to soar.)

Note, transmitter costs and complexity are essentially moot.
Off the shelf technology already allows us to build suitable
I/Q transmitters at low cost and with sufficient performance.
(An I/Q transmitter allows us to generate any arbitrary signal

design.) It is the receiver, and suitable signal design, which
are the keys to big performance gains.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
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Lawrenceville, GA 30244 | |

3493. Re: ARRL "Representation" on code and other issues ++

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep21.104507.2880@ke4zv.atl.ga.us>
Source record: 216445
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <51pf8j$290@news.Hawaii.Edu> jherman@Hawaii.Edu (Jeffrey Herman) writes:
>Alex VonYonkers <vicalex@Gramercy.ios.com> wrote:
>>But when they can-t (sic) use THEIR equipment to call in for a pizza
>>there in no (sic) much incentive to build new infrastructures
>>on top of the aging ALOHA.
>
>"Aging hello"? Never heard of that before.
>KH2PZ

Why am I not surprised? Aloha is a channel sharing technique first developed by ARPA in the 1970s, and is used in VHF amateur packet networks. Aloha is a simple technique to implement, but offers only 20% of a fully loaded channel's capacity before congestive collapse sets in. It is thus well suited to simple low loading networks, but fails when network loading increases above the critical threshold.

For years, amateur packet channels had light enough loading that Aloha was sufficient. But today the load factors are higher, and a better method is required. Aloha assumes a network of hidden terminals communicating through an exposed node terminal, IE a digipeater. To move past the Aloha limit, hidden terminals must be made visible by the network. Digital repeaters can serve this purpose. This allows the CS in CSMA to work on the LAN, thus reducing collisions, and increasing channel throughput.

There are other sharing strategies, for example token passing, round robin (also known as slotted Aloha), etc, which could be used. But the other techniques have problems for ad hoc networks. Aloha networks are simple to join and leave. Digital repeater based LANs share that attribute while not suffering from the congestive collapse limit of pure Aloha.

Gary
--
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Lawrenceville, GA 30244 | |

3494. 2m/440 activity in the Antelope Valley?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: dsparks@pobox.com
Message-ID: <VaBRyYD2ig3b091yn@pobox.com>
Source record: 216446

I am contemplating a move to the Antelope Valley
(Palmdale/Lancaster, CA) and am also considering purchasing a new
handheld, but don't know whether to buy a 2m or a 2m/440
dual-bander.

On which bands are the active repeaters in that area?

Also, does anyone have e-mail or snail-mail addresses for any
amateur radio clubs in that area?

Thanks.

Dave Sparks mailto:dsparks@pobox.com
Home Page: http://www.pobox.com/~dsparks/
Receive a FREE pager: http://www.pobox.com/~dsparks/pager.html
Get PAID to give away FREE pagers: http://www.pobox.com/~dsparks/pager2.html

3495. Re: Whis is Roger Wiseman persecuting me?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: crow@ovnet.com
Message-ID: <5219bp$ovo@news.mountain.net>
Source record: 216447

Well, Dave, I got your nasty e-mail. Of course, don't worry about your "hidden" one. I already have that address and have killfiled it as with the others so you can't send me anymore nasty ones.
Dave claims that he has several "boy scouts" who had access to his Zommbee account, and that he had no knowledge of any abuse. Riiight, Dave, you stick to that story. That's why you sent the cancels, eh? If what you said is true, then it shows how irresponsible you really are by giving access to kids and letting them post whatever they wanted.
Now, that the shoe's on the other foot, your'e being persecuted??? quit whining.

3496. Re: Whis is Roger Wiseman persecuting me?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: crow@ovnet.com
Message-ID: <5219f3$p7s@news.mountain.net>
Source record: 216448

Well, Dave, I got your nasty e-mail. Of course, don't worry about your "hidden" one. I already have that address and have killfiled it as with the others so you can't send me anymore nasty ones.
Dave claims that he has several "boy scouts" who had access to his Zommbee account, and that he had no knowledge of any abuse. Riiight, Dave, you stick to that story. That's why you sent the cancels, eh? If what you said is true, then it shows how irresponsible you really are by giving access to kids and letting them post whatever they wanted.
Now, that the shoe's on the other foot, your'e being persecuted??? quit whining.

3497. Re: Digital/Analog HF Receiver Design

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: Jim Reid <jreid@aloha.net>
Message-ID: <01bba7e6$0911d1a0$79070ccf@jim-reid-1>
Source record: 216449

carl@ais.net wrote in article <51vdub$kop@news.ais.net>...

responding to my post:

> In <01bba732$83fb2ba0$89070ccf@jim-reid-1>, "Jim Reid" <jreid@aloha.net>
writes:

Now I believe we are going to get down to brass tacks as
to what really CAN be done at HF, vs what Carl says he
is being done at UHF-- 900mHz.

I wrote:

> >The systems for which he(Carl) argues are not now available in the
> >market to my knowledge, as he implies in his comments.

Carl responded:
>
> "Some of the things I've proposed were ideas that I made up as I wrote
> the posts like the "digital CW" system ... it's doable ... but only hams
> would WANT to do it ...
>
> Some of the things I've mentioned are in current use in the commercial
> or military arenas ...
>
> Everything I've proposed or alluded to is doable with technology that we
> have today ... no real breakthroughs are necessary, just some good solid
> design work ."

some stuff snipped away

> "Multiple IFs cause spurious problems, increase costs, and are being
> replaced with more advanced techniques.

more snipping

> Low IFs in the audio range at the end of a multiple-conversion superhet
> is a pretty gross way to design a radio."

To which, I now write: The highest priced HF rigs on the market today
from
Japan, -- ICOM IC-775; Yaesu FT-1000MP, and the
Kenwood TS-870S -- all use IF DSP in the final IF stage at 10 to 20 kHz
range. One can order from the ARRL labs VERY detailed technical test
reports about these; running to 25 pages and more of data. Have a close
look at the data, then listen to the users on the HF bands; then comment
about whether or not these applied technologies now being sold are
effective when compared with rigs on the market just 2 years ago.

Some of the Big Gun contest types, eg John Devoldre, ON4UN, have
sold their "stable" of Yaesu FT-1000D's (the alleged best amateur HF
rig of the immediate past years) and replaced them with FT-1000MP's
on each of the principal HF bands! Of course John also has multiple 150'+
towers, etc, megabucks into his Super Station. He has worked 245
countries on 160 meters, and has 343 confirmed on 80 meters! So
he knows low band HF technology and what works, and what is
better when it comes along. Cost is NOT an issue for him, and many
others. John obviously compares to those who own and use a
stable of Ferrari automobiles; not many of us can do that.

I also wrote:

That the sort of components to which Carl and others have
alluded in their postings
> >" with these characteristics are not
> >affordable for use in even a high-end price range amateur rig.
> >The heterodyne technique is still, at this time, the only way to
> >both add gain to a very weak received signal and to narrow the bandwidth
> >down to reduce the noise accompanying the signal, ..."

Carl replied:

>" Horse-puckey ... the 900MHz spread spectrum system I'm currently
> building at work does an I/Q mix DIRECTLY to baseband from 900 MHz,
> digitizes the I/Q signals and does everything else digitally."

Now we ARE down to it!

Carl. what is the spectrum bandwidth of your spread spectrum signal,
(if it isn't classified) and what is the basdband width of information
after you have I/Q mixed to baseband (which is heterodyning by the
way! You do say you use a local oscillator which is centered at the
frequency spectrum center frequency of you spread spectrum signal, a la
homodyning).

I venture your spread spectrum signal at 900 mHz exceeds the bandwidth
of any of the nine amateur HF bands.

Now, how does your information bandwidth at baseband compare with
the required info bandwidth that is useful at amateur HF band frequencies?
Amateurs bandwidths are VERY narrow: RTTY 250 Hz for example,
PACTOR, etc somewhat wider. I have used 50 Hz bandwidth on CW
using the Comsoft Softwave DSPreceiver (not mentioned above, but built
into my Gateway Pentioum PC90, using an external RF box.) No
crystal filters involved, by the way.

Well, this gets the discussion started.

73, Jim, AH6NB for a few more weeks, probably.

3498. Link layer design, was(Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep21.165559.3903@ke4zv.atl.ga.us>
Source record: 216450
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <mdf.843266865@vigard.mef.org> mdf@lglobal.com writes:
>gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>
>>No, AX25 serves a real purpose. It forms the MAC (Media Access Control)
>>layer for the upper layers. Here are some of the things it does.
>
>I'll re-order these slightly, though keep the same numbers:
>
>>1) It provides the CS part of CSMA by holding off transmission when
>> another carrier is sensed on the channel.
>>
>>3) It provides the Txd to handle transmitter and receiver settling times.
>>
>>4) It provides a way to avoid repeated collisions through its p-persist
>> and slottime parameters.
>
>But these are channel-access issues; the radios and low-level
>interfaces deal with this. At this point, the packet is yet
>another bag-o-bits to squeeze out the radio and nothing more.

The purpose of a layer 2 protocol is to *manage* layer 1, IE the
physical layer. That's what AX25 does here.

>>2) It provides the leading flags needed to synchronize the HDLC clocks.
>>
>>7) It offers a checksum for initial packet validation, thus minimizing
>> the CPU time required to discard a faulty packet. (Otherwise the
>> packet would have to traverse layers all the way up to TCP before
>> being validated.)
>>
>>8) It also offers the ability to discard packets which aren't addressed
>> to the hardware address (call sign) of your station, again reducing
>> wasted CPU time.
>
>Technically, I suppose this is correct since the AX.25 specifications go
>on about HDLC and the sort. But HDLC is almost a channel thing too --
>just another way of recognizing that a packet is there.

Yep, just what a layer 2 protocol is supposed to do.

>>5) It provides the hardware addresses in its header to which logical
>> IP addresses are mapped (via ARP). (Hardware and logical addresses
>> must be separate if multiple protocols are to be supported.)
>>

>>6) Its PID byte allows multiple higher level protocols to co-exist
>> to/from the same hosts, simultaneously.
>
>When you get down to it, this is really *all* that wrapping an AX.25 envelope
>around IP packets does.

Nope, but the PID is a useful thing for a mixed usage channel, and
the physical hardware addresses are essential.

>Well, that, and in the United States, keeping millions of hams out of jail. :-)

US amateurs are not required to use AX25 unless they are participating
in an unattended automatic message forwarding network.

>>[VC mode] [...] I'd suggest its use be avoided today.
>
>I'd go farther and suggest that use of UI AX.25 frames ought to be avoided.
>This because the UI frames are not acknowledged or re-transmitted, etc, one
>is implicitly depending on the higher level protocols (eg, TCP) to perform
>these functions.

Not implicitly, *explicitly*. That's the *job* of the transport layer.
It is why there is a layer 4. That job should not be pushed down to
layer 2 where it doesn't belong. Unfortunately, connected mode AX25
does kludge it down there, which is why I suggest mode VC not be used.

>This is a mistake, as anyone who has tried to run TCP over a non-outstanding
>AX.25 radio link knows all too well -- TCP stands a good chance of backing
>off to infinity or two minutes (whichever is shorter), and throughput drops
>to almost zero. This is not a bug in TCP, but rather a TCP design feature
>(good behaviour on congested networks) that conflicts badly with typical
>amateur radio reality.

Indeed, the transport layer is the proper place to deal with packets
dropped due to collisions. It is redundant to do so elsewhere. Using
retries at two different layers requires a layer violation to prevent
packet storms, and neither layer violations nor packet storms are good
things. The exponential backoff in TCP may seem too altruistic to amateurs
who prefer to bull into pileups rather than to take their turn in an
orderly fashion, but the latter course offers more aggregate throughput
for the network.

Now packet loss due to physical layer problems, IE weak fading channels,
excessive multipath, etc, should be addressed at the physical layer
by better RF path engineering and/or by better signal design. Depending
on ARQ for all of the packet reliable delivery issues isn't a good
division of resources. It is supposed to be a backup mechanism to
deal with issues the physical layer can't handle. As with any backup
mechanism, it is nice to have, but it isn't something you want to
have to *use* frequently.

>[Actually, it is not limited to amateur radio -- other wireless networks suffer
>the same problem. For one proposed, but alas not too useful, solution to

>this call up altavista and do a search on "Snoop Protocol".]
>
>IMHO what is needed is a new link-layer that provides:
>
> a) items (5) and (6), given above.
>
> b) non-connectionless, low-overhead, frame retransmission

A connectionless link layer has the potentially very large benefit
of allowing dynamic routing on a packet by packet basis at layer
3. Amateurs haven't yet exploited this very much or very well, but
it is a powerful way for the network to self-heal or manage congestion,
and shouldn't be discarded lightly. I think self-healing in amateur
networks is so important that I very strongly discourage link layer
connection oriented protocols. And I much prefer to have my packets
routed around congested nodes rather than be choked there after
connection setup as they can be with connection oriented link
protocols.

> c) some measure of FEC to keep (b) from being invoked often.

FEC is really a layer 1 issue, like RF path engineering and signal
design. The link layer may need to manage it, but it doesn't need
to implement it. This is a grey area, though, and I'd accept FEC
as belonging in either layer depending on implementation factors.

> d) anti-HTS -- how many more years must the chaos continue??
>
> e) slim-and-trim headers -- bit-hack to the extreme (though within
> reason), so the protocol can be used relatively painlessly on
> on both slow-speed and very high-speed channels.

The bulk of the header overhead is in the 12 octets of physical address
information for origninator and receipient. I don't see a realistic way
of assigning unique physical addresses in less than 6 octets. Indeed, the
IP logical address space has recently been expanded to accomodate the
demand for unique addresses, making the IP header longer. As activity
increases, we have to recognize this need for address space and accomodate
it in header design. Vancouver protocol tried to use only one octet for the
physical address, and it rapidly became obsolete when more than 255
amateurs in an area decided to get on packet (and with HF and interconnected
packet networks, the relevant area is the world). The 6 octets representing
a call sign may be sufficient to amateur needs, though some amateurs have
run out of SSIDs, and the uniqueness is guaranteed by the governments
worldwide.

>and maybe,
>
> f) zlib data compression (dictionary generation/selection would
> be an interesting problem).

I think data compression is better left to the application or presentation layer, but I'm willing to consider placing it lower in the hierarchy. I see problems if layer 2 header information is compressed, and packet by packet compression is inefficient at best. It is better to do compression on reliable data streams, and those are found only above layer 4.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3499. Help! Recv Mod for IC-T21A

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: spike@castles.com
Message-ID: <3243d32c.2271490@snews.zippo.com>
Source record: 216451

I just recently purchased an Icom IC-T21A from an auction
and was able to receive out of band (ie 150Mhz), and I decided
to reset the MPU and start from the top. Now I can't get the thing
to receive out of band. Furthermore, I'm used to punching in all
the digits in the freq I'm using.

Can ANYONE please email me the buttons I need to hold
in at powerup to regain the expanded receive? Thanks
in advance es 73!

Scott
N6UUH

3500. Re: Morse Code again (was Re: re: do we build? was(re: arrl survey ignores 7 of 8 wrc-99 issues!)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: orion@capital.net
Message-ID: <521e7i$1u8@Usenet.Logical.NET>
Source record: 216452
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew

>In <51p2v7$6qt@mgate.arrl.org>, Ed Hare <ehare@arrl.org> writes:
>>
>>It is my personal opinion that Morse Code is important to the Amateur
>>Radio Service for a number of reasons. The most important is that it is
>>apparently important to a significant number (significant is not
>>necessarily defined as a majority) of us. The alternatives proposed are
>>important to a significant number of us, too, so those who are proposing
>>solutions that do not consider the needs or wishes of others with
>>alternative views are proposing solutions that are more divisive than
>>useful.
>>

>So the code should be forced down everyone's throats, because SOME
>SEGMENT of the ham community views it as "important" (to them).

>That makes ZERO sense, Ed ... how would the CW folks like it if the
>digital folks forced a test in coding software algorithms for DSP on
>them? After all, those skills are *important* to a(n ever-growing)
>group of hams ...

>Sounds like a *practical* test to me ... write some software routines
>that implement an FFT, a Hilbert transform, do some digital modulation
>and demodulation, complex filtering, etc. ... maybe even implement
>some convolutional codes and a Viterbi decoder or two ... Would the CW
>folks find this an appropriate *pass/fail* test element? (If not, WHY?)

>I would submit that jaming things that they don't consider relevant down
>people's throats will *always* generate some "devisive" feelings on the
>part of the "jamee" ... yet that's what the code folks have been doing
>to everyone for years and years ... and we're sick and tired of it ...
>to quote "Network" ... "We're mad as hell and we're not going to take it
>any more!"

>If that's "devisive," so be it ... I guess we need some "dividing" ...
>it's not always bad to stir things up a bit ... unless all you care
>about is maintaining the status quo at all costs ...

>Carl - wa6vse

Well said, Carl. I agree 100%. The trouble is though, things will
never change as long as the CW loving ARRL is running the show.BTW, I
resigned from that lofty organization last year just because of their
assinine stand on code requirements. And for the "Try CW, You'll
learn to love it!" group, I say "Nuts to you." I worked on that damn

Morse Code until it made me sick. It's still just noise to me. Now I'm forever locked out of the HF spectrum because of this discriminatory rule.
Butch N2YMJ

3501. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep21.175353.4165@ke4zv.atl.ga.us>
Source record: 216453
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <51vbev$jhh@news.ais.net> carl@ais.net writes:
>In <1996Sep20.152057.12695@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>>
>>No, AX25 serves a real purpose. It forms the MAC (Media Access Control)
>>layer for the upper layers. Here are some of the things it does.
>
>{deleted Gary's explaination of the "what AX.25 does for us", which was,
>as usual for Gary, well done}
>
>When I started this, my intention was to try to get some discussion
>going in the area of more efficient ways of doing MAC things than AX.25
>does ... I was hoping to imply that AX.25 could be replaced with
>something better ... and maybe get some ideas going ...

Well, Carl, there are certainly other ways to implement the
link layer. Token ring is one, round robin another, and a
DAMA method is still another. If the network depends on
CSMA, however, AX25 datagram mode serves well enough.

You really have to look at the topology and nature of the
physical layer network to determine what makes a good link
layer protocol for it. I addressed some of these issues in
another reply.

And there's what I call a "social" aspect as well. Amateur networks
are typically ad hoc, often forming and dissolving relatively quickly.
That's one of our strengths (as well as one of our headaches). Token
ring networks are hard to enter and leave gracefully, and round robin
or other imposed scheduling systems require a central scheduling authority
which is vulnerable to single point failure. So most amateur networks have
retained simple CSMA architectures, and for that AX25 datagrams are good
enough at the link layer.

We could stand improvements at layer 1, IE better RF engineering, better
signal design, etc, and we could add some self-healing properties to layer
3 via a workable dynamic routing mechanism, but layer 2 is adequate as it
stands for the types of networks amateurs typically form at VHF+. (HF is
a different matter. Because of the topology, and the nature of the medium,
other strategies are required.)

The big problem I see when people say "lets fix AX25" is that the
problems they are really complaining about require fixes at other
layers, not another kludge to layer 2. In fact many of the problems
are *caused* by the kludges already thrown into AX25 that they shouldn't
be using, such as VC mode. AX25 is like a Swiss Army knife. It can be

a pretty good knife if you'll leave the dang corkscrew and can opener
folded out of the way.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3502. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep21.181044.4321@ke4zv.atl.ga.us>
Source record: 216454
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <Dy2tHI.KD@pe1chl.ampr.org> pe1chl@amsat.org writes:
>In <1996Sep20.152057.12695@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>
>>VC mode, IE AX25 connected mode, basically duplicates the TCP transport
>>function, and is usually just an undesirable overhead in a network where
>>all switches support TCP/IP.
>
>Note that X.25 does it the same way, and the ISO folks also tend to
>have connection-oriented service repeated at each and every level.
>
>Of course, today it is considered inefficient. But it certainly wasn't
>an amateur invention.

I don't mean to imply that it was. Amateurs did agree to include
it in AX25, however, and that was a bad decision (IMHO) forced by
amateur politics (there were two extreme camps, one vehemently VC
and the other vehemently datagram, they were locked in a room and
told to come to a compromise). There was a lack of true network and
transport layers in amateur systems at the time, but the correct
solution to that (IMHO) would have been to adopt network and
transport layers, and not try to kludge them onto the link layer
where they don't belong.

Of course hindsight is 20-20, but there is good reason to obey
layer separation of roles. That's because it lets you somewhat
painlessly replace your mistakes without tearing down the whole
structure. Kludges are ugly, and they always remain ugly, no
matter how much goop we layer onto them.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3503. Re: 4-5 kw Generator Recommendations??

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: wb4yuc
Message-ID: <520lmq$lf0@lex.zippo.com>
Source record: 216455

>And don't forget Yamaha and Kawasaki. Both are excellent, and a bit
>cheaper than Honda. IMHO, Coleman generators are the bottom of the
>barrel. Unfortunately, Onan, Kohler, and Dayton low end generators
>are also bottom of the barrel. They *do* offer higher grade (and
>heavier) models, though, while Coleman does not.

Gary,

I have to disagree with you on the Dayton. A freind has a 2kw model.
We have used it for Field Day and local Free Fleas. We use it to power
a commercial coffee maker and some test equipment during the Free Fleas.

These last about 4 hours and we do them twice yearly - for about the last
10 years. The little Dayton has been at all of them. Yes, it is heavy and
somewhat noisy, but it handles everything we have thrown at it. It also
runs very cool, even near its load limit. The regulation is pretty good
considering it has to handle going suddenly from nearly no load to nearly
full load when the coffee maker cranks up.

I am a little skeptical about generators that may be too light. I have
to ask if perhaps the maker is skimping on the alternator by not
providing enough core to prevent saturation and perhaps using
a gauge of wire that is too thin for the power rating.

Gary, you made a comment about trailer mounted generators. You
would prefer deisel. Well, maybe if it weren't for really
bad emergencies, like the aftermath of a hurricane. Gasoline
is more readily available. BTW - I think for a club involved
in emergency communications a trailer mounter generator is the way to
go, they are heads and shoulders above any portable.

The same fellow who has the Dayton also has a trailer mounted 5kw Kohler.
It is big and heavy. The powerplant is a 4 cylinder water cooled 12 hp
Volvo(I think) engine. When we really need serious emergeny power, it is
the cats meow.

This is one of the things you must consider for you club, the type
of service the generator will see. Most portables will require an oil
change every 24-36 hours. They don't take kindly to trying to extend that
period as they don't hold enough oil to withstand the abuse it is put
through.

A water cooled, trailer mounter gererator will run for weeks without
that requirement. Something to think about if you end up in a situation
where resources become scarce.

73,

Bruce, WB4YUC

3504. Re: Non-amateur use of CW

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: wb4yuc
Message-ID: <520m2r$lgg@lex.zippo.com>
Source record: 216456

There is also the folks at Morse2000 who are using morse code
as the input language interface to control machinery for the handicapped.

73,

Bruce, WB4YUC

3505. Re: Alpha Bravo phonetics: the quickie version

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: "Doug C." <crighton@fox.nstn.ca>
Message-ID: <32445FFE.6DEC@fox.nstn.ca>
Source record: 216457
Cross-posted to: alt.usage.english,sci.lang,rec.radio.amateur.misc

Actually... Quebec is pronounced KAY-bec in phonetic English as well as
French. In some areas of western Canada, and the Maritimes
(Newfoundland espec.) local dialect of course alters the pronunciation,
ranging from QWE-bec, to KEY-bec. However Quebec is CORRECTLY
pronounced KAY-bec in English.
--
=-=
Doug Crighton, EMA-1(D)/EMT-I -- Amateur Radio: VE4DUG
BTLS Instructor Manitoba EMS Volunteer

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3506. KENWOOD TS-870S Extended (MARS) transmit mods?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: gbaron@deskmedia.com
Message-ID: <3243bd41.30124902@news.deskmedia.com>
Source record: 216458

Does anyone know what the mod or key codes to open the TS870s Transmit
range would be or where I could find it. A Yahoo and Alta Vista search
finds lots on Kenwood but nothing on the TS870.
--
Gil Baron W0MN gbaron@deskmedia.com Web http://www.deskmedia.com/~gbaron
"Bailar es vivir" pgp2.6 key http://www-swiss.ai.mit.edu/~bal/pks-toplev.html
"Cuatro caminos hay en mi vida. Cual de los cuatro sera el mejor"

[Posted with Agent .99e. For info, email agent-info@forteinc.com.]

3507. Re: WTB or locate: Wen soldering gun tips

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: frodo@webbernet.net
Message-ID: <520qo3$e4l@nxgen.webbernet.net>
Source record: 216459
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

The tip of a WEN is Iron not Copper. Test it with a magnet.

I think the tips are still available but under another brand name.

Try Rat Shack, but test them with a magnet. Weller is the other brand
that uses a Copper tip.

Jay Farnham (Frodo@Webbernet.net)

3508. Re: BULLETIN: 14 Year Old Sailor Not Heard in 3 Weeks

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: jedent@phoenix.net
Message-ID: <jedent.46.001B5D73@phoenix.net>
Source record: 216460
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc

In article <51efhs$dq5@sjx-ixn6.ix.netcom.com> kc5egg@ix.netcom.com(Gerald Schmitt)
writes:
>From: kc5egg@ix.netcom.com(Gerald Schmitt)
>Subject: Re: BULLETIN: 14 Year Old Sailor Not Heard in 3 Weeks
>Date: 14 Sep 1996 14:30:20 GMT

>In <tgmDxpB68.9BD@netcom.com> tgm@netcom.com (Thomas G. McWilliams)
>writes:
>>
>>Ed Mitchell (vbook@vbook.com) wrote:
>>: 14 year old Subaru Takahashi is making a solo crossing of the
>Pacific Ocean
>>: from Japan to the United States - in a 30 foot yacht. According to
>Masa
>>: Sakamoto, KN6RJ, Subaru, who's call sign is JH0YCG, has not been
>heard since
>>: August 18th.
>>
>>Most probably, Master Subaru sleeps with the fishes.
>>Talking to a dead man on ham radio--now that would be some DX!
>>But what a great QSL card . . .
>>

>Boy Tom you are some piece of work; the guys asks for help and this is
>what you come up with. What ever happened to the amateur service
>creedo. You know Sakamoto san's family could just easily read this,
>talk about ugly Americans. You sir are an embarassment to the hobby.

The saying is "..takes all kinds" .Is'nt that a shame?

3509. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: Clay N4AOX <wyn@worldnet.att.net>
Message-ID: <324419B6.57FD@worldnet.att.net>
Source record: 216461
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

carl@ais.net wrote:
>

>
> >As one who works day to day with the latest in telecommunications
> >technology, I can say with confidence that in a very short time, using
> >ADSL technology, voice, video and 1.44 megabit data will be available to
> >everyone via their regular copper phone line for a paltry few bucks. We
> >are field testing it now. High speed digital communications will become
> >so easy and cheap in the next few years, even the most advanced SS HF
> >radio amateur modes will be obsolete by comparison of cost/performance.
> >Mankind is ready to once again "jump the curve."

Sounds like cold fusion. Are you working on that in your basement too?
I'm working on a prescription for anti-aging. I just have to get my
speed up a few more MPH. ;-)

3510. New DX Web page

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: AC6V <AC6V@ix.netcom.com>
Message-ID: <324419B8.A40@ix.netcom.com>
Source record: 216462

Since Netcom gave me a free web page, -- I have made one!!
Devoted to DXing and Contesting -- I hope you find it useful.

In addition to the usual, have included Q-Signals, Cw Abbreviations,
Tech and Antenna data, DX Clubs, and info on the San Diego area if you
visit Southern California this year.

Comments and suggestions very welcome.

AC6V's DX Reference Pages at URL:

http://www.netcom.com/~ac6v/index.html

73 es Gd DX
Rod in San Diego
--
Hark for I have hurled my words to the far reaches of the earth!
What King of old could do thus??
..... AC6V

3511. Re: PRO - CW !!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: ptracy@aol.com
Message-ID: <52163c$jjn@newsbf02.news.aol.com>
Source record: 216463

In article <520ip4$hit@jupiter.planet.net>, adell@planet.net (Steve - KF2TI) Landing, NJ writes:

>> Rediculous ... you obviously have no case.
> ^^^^^^^^^^^
>
>for someone so smart he can trun down mensa and copy 20wpm
>code in his head it's spelled "ridiculous"
>
>

theyur seemz too b sumthing rong wiht my speell chckur. Can sumbuddy teel me howz the speelling? Wear can i get a dictshunairy?

3512. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <521qtb$jm0@lehi.kuentos.guam.net>
Source record: 216464

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>Obviously, from the harmful interference complaints against them,
>over half a million a year according to the FCC, considerably more
>knowledge than they currently exhibit. And from the reports of
>accidental contact with power lines when erecting CB antennas
>(such a problem that CB base antennas all come with warning stickers
>now), more than they have exhibited.

As do some ham antennas. Sticker included with a Cushcraft 6 meter beam:

DANGER

WATCH FOR WIRES

You can be KILLED if this antenna comes near power lines. READ INSTRUCTIONS.

I haven't purchased an HF antennas lately, so I am not sure if they have warning stickers or not Gary, maybe only ham antennas for 50 mhz and above have them ?

73, Jim KH2D

3513. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: Jim Conn <jconn@gte.net>
Message-ID: <32449A72.6DDF@gte.net>
Source record: 216465
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Clay N4AOX wrote:
>
> carl@ais.net wrote:
> >
>
> >
> > >As one who works day to day with the latest in telecommunications
> > >technology, I can say with confidence that in a very short time, using
> > >ADSL technology, voice, video and 1.44 megabit data will be available to
> > >everyone via their regular copper phone line for a paltry few bucks. We
> > >are field testing it now. High speed digital communications will become
> > >so easy and cheap in the next few years, even the most advanced SS HF
> > >radio amateur modes will be obsolete by comparison of cost/performance.
> > >Mankind is ready to once again "jump the curve."
>
> Sounds like cold fusion. Are you working on that in your basement too?
> I'm working on a prescription for anti-aging. I just have to get my
> speed up a few more MPH. ;-)

Hi Clay,

Carl didn't write that, I did, and it is quite true. ADSL uses a
telephone line and a new modem technology to provide simultaneous voice,
video (cable TV) and high speed data services. The data is 50 times
faster than a 28.8 modem. Very exciting for

Regards,

Jim - AD4VL

3514. Re: ARRL "Representation" on code and other issues ++

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep21.215925.5000@ke4zv.atl.ga.us>
Source record: 216466
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <slrn545cqt.ju1.cathryn@junglevision.junglevision.com>
cathryn@junglevision.junglevision.com (cathryn) writes:
>In article <51p8oe$m8r@news.ios.com>, Alex VonYonkers wrote:
>>next generation of HAMS. We need to grow the previousely
>>stated %2 of REAL Amateurs to as much possible. But
>>when they can-t use THEIR equipment to call in for a pizza
>>there in no much incentive to build new infrastructures
>>on top of the aging ALOHA.
>
>I tend to agree with this. My opinion is that the 'no business
>' rule on ham radio is overly stringently defined. I don't
>want to see commercial businesses on the ham bands, but I think
>some lightening up would allow us to do more cool stuff.
>I've heard so much anal retentive rules lawyering on ham radio
>to make me comatose.

The FCC has recently relaxed the content rules. I'm satisfied
with the new rules. They couldn't be much more free without
having to allow for profit business activity on the amateur
bands.

>>We need the equivalent of the IBM to generate and build
>>universal standars and hardware and we need the equivalent
>>of Microsoft to help us be better users of the system.
>
>I see the lack of standards and of cool new stuff as an
>opportunity more than a problem. I think the problem is
>more organizational. If you do a new communication technology
>you need more people doing it. Know what I mean? Who wants
>to build a 110K baud packet if there's no one else to talk to.

Bingo! We do *not* need an IBM ramming a crippled architecture
down our throats, and we do *not* need a Microsloth foisting
bloated and inefficient software down our throats, GUI GUI GAH!
The consequence of setting standards too early is that we're left
dealing with legacy systems and hardware and software that has to
be backward compatible for decades. That kind of thing we do not
need. Digital radio is still rapidly evolving. We do not want to
shackle it to legacy standards too early.

People are the critical resource. That's dead on the money.
Networking is 90% a people organizational effort and 10% a
technical development effort. Both are necessary, of course,
but without a critical mass of users, hardware development

alone is of little use.

>Most exotic ham radio technology has to take place on microwaves
>where the bandwidth is, so it's even more important to have
>a buddy close by who you can work with. I don't think it takes
>that many. I guess if you have 4 or 5 people doing say, ATV or
>high speed packet in an area once a week, then you could get
>others to start building boards.
>
>I'm not an expert on what it takes on the radio side, but it seems
>to me that the problem is mainly getting the bandwidth. If we
>had a transciever that was pretty much like any other box we have
>now, but could transmit signals of higher bandwidth, wouldn't that
>provide a bedrock for all kinds of interesting experimentation.

I think the really exotic stuff will come on HF. That's the most
challenging radio environment. In terms of raw speed, the microwave
bands are where it is at, but speed is easy in a strong signal
gaussian noise environment like point to point microwave. There
is very little which is challenging there. It is point and shoot.

I think that the RF front end and the digital back end have to
be quite tightly coupled for best performance. Thus I think that
RF modems rather than "digital ready" radios are the direction
we need to take. Certainly we can do generic I/Q transmitters,
but generic I/Q *receivers* for high rate data are quite a different
thing. We still need analog filters at an IF tailored for the
particular signal design to get the performance we need for high
rate signals.

For the lower rates possible at HF, DSP already allows us to
directly process the I/Q signals, but not yet for high rate
modulations. Economical DSP is sneaking up on 56 kb, and I
would expect that to be practical shortly, but T1 and above,
that's going to be a while. So we'll have to brute force that
the old fashioned way for quite a while longer. Fortunately,
that's pretty easy, and we have bandwidth to burn at the
microwaves. We can even use plain old wide shift FSK.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3515. Re: Alpha Bravo phonetics: the quickie version

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: donnah@shadow.net
Message-ID: <521tl9$qir@viper.shadow.net>
Source record: 216467
Cross-posted to: alt.usage.english,sci.lang,rec.radio.amateur.misc

Mark Odegard (odegard@ptel.net) wrote:
: Truckers pronounce it Kay-Beck; hearing kay-beck said in a Bubba
: accent speaks volumes about the way the language is actually spoken.
: My observation is that when Bubba says kay-beck and when Jean-Marie
: says kay-beck, then, it's kay-beck. We have cross-dialectal
: confirmation of the *standard* pronunciation.

You have confirmation of correct radio procedure. I suspect
you'll also hear them all saying 'tree' for three.

d.

3516. IPS Daily Report - 21 September 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <521tct$37s@flare.syd.ips.oz.au>
Source record: 216468
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 21/2330Z SEPTEMBER 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE AUSTRALIAN SPACE FORECAST CENTRE
SUMMARY FOR 21 SEPTEMBER AND FORECAST FOR 22 SEPTEMBER - 24 SEPTEMBER

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 70/5

GOES satellite data for 20 Sep
Daily Proton Fluence >1 MeV: 4.7E+06
Daily Proton Fluence >10 MeV: 1.8E+04
Daily Electron Fluence >2 MeV: 1.3E+08 (moderate)
X-ray background: A1.5
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
22 Sep 23 Sep 24 Sep
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 22 Sep: 70/5

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Active

Estimated Indices : A K Observed A Index 20 Sep
Learmonth 18 4243 4333
Fredericksburg 24 37
Planetary 25 31

Observed Kp for 20 Sep: 4455 4324

2B. MAGNETIC FORECAST
Date Ap Conditions
22 Sep 25 Unsettled to active
23 Sep 20 Unsettled to active
24 Sep 20 Unsettled to active
COMMENT: IPS Geomagnetic Warning 10 was issued on 19 September
and is current for interval 23-26 September. A geomagnetic disturbance
alert was issued at 2358 UT on 20 September for K = 5 during
the period 12 - 15 UT, 20 September.

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band
Date Low Middle High
21 Sep Fair-poor Normal Fair
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
22 Sep Fair-poor Normal Fair
23 Sep Fair-poor Normal Fair
24 Sep Fair-poor Normal Fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
21 Sep -11

Observed Australian Regional MUFs:
Darwin: 10-30% depressed for the period 0000-1700UT,
otherwise near predicted monthly values.
Townsville: Depressed up to 20% for the period 0000-1700UT,
otherwise near predicted monthly values.
Sydney: Near predicted monthly values.
Hobart: 15-30% depressed for the period 0000-1200UT,
otherwise near predicted monthly values.

Predicted Monthly T index for September: 9

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
22 Sep -10 Depressed 10-30% during local day for extreme
northern and southern Australian regions, otherwise
near predicted monthly values.
23 Sep -10 Depressed 10-30% during local day for extreme
northern and southern Australian regions, otherwise
near predicted monthly values.
24 Sep -10 Depressed 10-30% during local day for extreme
northern and southern Australian regions, otherwise
near predicted monthly values.

--
IPS Radio and Space Services | email: asfc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/asfc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
tel: +61 2 94148300 | fax: +61 2 94148331

3517. Re: Family Radio Service (FRS) equipment?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: duffy1@gnn.com
Message-ID: <521udu$if0@news-e2c.gnn.com>
Source record: 216469

In article <19960910003508.aaaa000B9@babyblue.cs.yale.edu> Steve Kagan wrote:
>Not only does that new Radio Shack offering have only the seven
>467 mHz channels (missing the seven 462 mHz ones), but it has no
>provision for PL squelch (either tone or digital), nor can it
scan.
>
>The radio may be set internally to any one of the seven channels.
>I think the user can do that with DIP switches, but it's a
>one-channel (at a time) radio. And in addition to having only a
>seven-channel capability (one at a time), it cannot be programmed
>from the front panel, has no channel switch, and has no tone pad.
>
>In any case, might Radio Shack be planning a more featured radio?
>The current one is a pretty high-priced, though low-featured,
>Motorola-manufactured set.
>
>Radio Shack's (license-required) GMRS radio offerings include a
>Motorola-made one, plus a less-expensive (but more-featured)
scanning
>Radio-Shack-branded model. Again thoough, neither has any type of
PL
>(tone squelch), and lacks a front-panel number pad.
>
>So, could anyone post whether other manufacturers are going to
>offer Family Radio Service equipment? Those who know about that
>seven-channel (one-channel-at-a-time) Radio Shack/Motorola FRS
>product will agree that it's a mighty weak starting entry, indeed.
>
Steve

The RS radios are way over priced. Saw the exact same radios advertised in some of the sportsmans' equipment catalogs advertised for $99.95. Another radio had an improved more featured version for $129.95. All manufactured by Motorola. RS is really screqwing the public with this pricing!

3518. Re: Thanks Carl

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <521j7h$h5h@sjx-ixn6.ix.netcom.com>
Source record: 216470

In <520916$c1l@lehi.kuentos.guam.net> pacrimgolf@kuentos.guam.net (Jim Kehler) writes:
>
>kc5egg@ix.netcom.com(Gerald Schmitt) wrote:
>
>>When I started out in amateur radio I was interested in code as part of
>>the ham radio mistique. The pro code cretins on this group and policy
>>have driven me from that to end the code test activism. Fortunatly ham
>>radio in general is not relflected in the usenet newsgroup so I have
>>maintained an interest. If amateur radio is to survive it need numbers
>>not worship of some sophomoric hazing ritual.
>
>That's an original excuse, Jerry. Pro code people on internet made you
>loose interest in the code. Very original. Best excuse I have heard so
>far. A+.
>
>73, Jim KH2D
>
>
>

What took you so long Jim I expected some inane comment much sooner. What I said is quite true. The nasty pro coders on the internet have moved me from neutral to rather strongly anti code. Is this the result you pro code folks want? I think not. You may proceed to insult me now.

Jerry

3519. 4-5 kw Generator Reco

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: fred.mckenzie@spacecoast-bbs.com
Message-ID: <8C8C4F8.00900049AC.uuout@spacecoast-bbs.com>
Source record: 216471

PS> Also I think the pro-Honda poster will find that a 5kw Honda costs a
PS> lot more than $800. Someone told me that Honda 4kw unit is over $2k.
PS> I'm shopping for the Coleman (and a muffler. They are very, very
PS> loud)
Pete-
I priced a Honda 3500 Watt unit at around $1300, two years ago.
My experience with a Coleman 2250 Watt unit a couple of years ago,
was that it was so loud that the neighbors got mad at me when I ran it. I
tried a larger Briggs & Stratton muffler, but it made little difference.
It also reduced the engine's power. Fortunately, K-Mart has a good return
policy!
How big a unit does the average home need? I suppose you could run
almost everything with 5 or 6 KW. I decided that it would be better for
me to go with a smaller one that would fit in the car trunk. The Coleman
2250 Watt unit was just right, in that respect. However, I subsequently
bought a Honda EX-1000. It is small and fairly quiet, but it won't run
much more than a Ham Station.
Does anyone work in a muffler shop? I have heard of people adapting
a small automotive muffler for use with a generator. I think this would
be a good project, worthy of being published in one of the magazines. If
someone would come up with a design for an inexpensive, readily available
generator fitted with an effective, readily available muffler, it would be
a valuable service to Hamradio.
73, Fred, K4DII
fred.mckenzie@spacecoast-bbs.com

This copy of Freddie 1.2.5 is being evaluated.

3520. Re: WTB: Videocipher II decoders...

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: "DR. DAVE" <D.R.ABSHIRE@worldnet.att.net>
Message-ID: <3244B759.3EEB@worldnet.att.net>
Source record: 216472
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

```
Robert Bennett wrote:
>
> vgrajeda@morelia.teesa.com wrote:
> >I need to buy 250 vcII decoders,
> >I pay $ 35 for a 010,018
> > $ 20 for a 032
> > $ 10 for a "dead" vcII
> > $ 40 for a "dead" vcII plus/RS
> >If You have one or more, let me know...
> >Thanks...
>
> I've got lots of them ....Just collecting dust.... But I've got to ask
> you why.... it couldn't be for the video only???????????!!!!
>
> Bob

If he's been to the ISLAND's I know why!
```

3521. Butchering RAH quotes again (was Re: Question for Carl...)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: rfm@worldnet.att.net
Message-ID: <wkg24bdqnz.fsf_-_@urth2.worldnet.att.net>
Source record: 216473
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <51kigl$ojq@krypto.zippo.com> cecilp@magic.bunt.com (Paul Cecil) writes:

> Robert Heinlein in his novel "Starship Troopers" said this -
> The American Constitution guarantees you the right to the pursuit of
> happiness,

Hmm. I lent out my copy of Starship Troopers about 25 years ago and it never came back, but I doubt this one. I suspect ol' RAH knew that the bit about "pursuit of happiness" is in the Declaration of Independence, not the Constitution.

Believing everything you read in RAH's novels is dangerous anyway -- one of the good-guy characters in "Beyond This Horizon" explains, unchallenged, that it's important for the government to print extra money and distribute it as a dole, in order to "soak up" excess productivity.

Rich
--
Rich McAllister, KO6CL, rfm@worldnet.att.net

3522. Re: ARRL "Representation" on code and other issues ++

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <521a6m$2si@abyss.West.Sun.COM>
Source record: 216474
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <51pf8j$290@news.Hawaii.Edu>,
Jeffrey Herman <jherman@Hawaii.Edu> wrote:
>Alex VonYonkers <vicalex@Gramercy.ios.com> wrote:
>>But when they can-t (sic) use THEIR equipment to call in for a pizza
>>there in no (sic) much incentive to build new infrastructures
>>on top of the aging ALOHA.
>
>"Aging hello"? Never heard of that before.

That's a hoot. Norman Abramson at the University of Hawaii (ever
heard of that place?) developed something called ALOHA in the 1970s,
which really was the original packet radio network.

If you're interested in making informed comments on the topic,
I suspect your library at the school there has plenty of info,
probably even all of the papers that were published.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

3523. Re: Alpha Bravo phonetics: the quickie version

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: donnah@shadow.net
Message-ID: <R.521tl9$qir@viper.shadow.net>
Source record: 216475
Cross-posted to: alt.usage.english,sci.lang,rec.radio.amateur.misc

Reposting article removed by rogue canceller.

Mark Odegard (odegard@ptel.net) wrote:
: Truckers pronounce it Kay-Beck; hearing kay-beck said in a Bubba
: accent speaks volumes about the way the language is actually spoken.
: My observation is that when Bubba says kay-beck and when Jean-Marie
: says kay-beck, then, it's kay-beck. We have cross-dialectal
: confirmation of the *standard* pronunciation.

You have confirmation of correct radio procedure. I suspect
you'll also hear them all saying 'tree' for three.

d.

3524. Re: Alpha Bravo phonetics: the quickie version

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-21 00:00:00 UTC
From: "Doug C." <crighton@fox.nstn.ca>
Message-ID: <R.32445FFE.6DEC@fox.nstn.ca>
Source record: 216476
Cross-posted to: alt.usage.english,sci.lang,rec.radio.amateur.misc

Reposting article removed by rogue canceller.

Actually... Quebec is pronounced KAY-bec in phonetic English as well as
French. In some areas of western Canada, and the Maritimes
(Newfoundland espec.) local dialect of course alters the pronunciation,
ranging from QWE-bec, to KEY-bec. However Quebec is CORRECTLY
pronounced KAY-bec in English.
--
=-=
Doug Crighton, EMA-1(D)/EMT-I -- Amateur Radio: VE4DUG
BTLS Instructor Manitoba EMS Volunteer

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Winnipeg, Manitoba, Canada R2X 3B3
Home page:"www.escape.ca/~mppa" E-mail:mppa@escape.ca

3525. Re: Digital/Analog HF Receiver Design

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: carl@ais.net
Message-ID: <523r9e$3fq@news.ais.net>
Source record: 216306
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital

In <01bba751$981abfa0$64070ccf@jim-reid-1>, "Jim Reid" <jreid@aloha.net> writes:
>
>
>Jim Reid <jreid@aloha.net> wrote in article
><01bba732$83fb2ba0$89070ccf@jim-reid-1>...
>
>Typp error spotted in last paragraph. Should read as:
>
>" This is the direction to newer traditional HF band receivers; I believe
> this is the direction that new SOA digital modulation technology
> receivers will also be going. Now, the cost's of the needed highest speed
> digital components, frequency dispersive filters, etc., exceeds what
> amateurs will pay--as a wild guess,$10K to $15K for a transceiver?
>Probably
> way too high for a manufacturer to risk developing and marketing at this
> time.
>
> 73, Jim, AH6NB (for a few more days, weeks?)
>
>

Jim,

You're apparently laboring under the missconception that digital
modulation techniques and DSP are expensive compared to the analog
techniques that you mention.

That's a mistake ... DSP is costing about a dime a MIPs nowadays ...
depending on volume ... my frame of reference is VERY high volume.

OK, so we're talking $5-6 for a 50 MIPS DSP ... $12-15 or so for 100
MIPS processor ... that puts it in the price range where DSPs are being
put in mass-market retail consumer goods ...

The technology certainly is NOT out of reach for amateur equipment
applications.

Carl - wa6vse
carl@ais.net

3526. Morse code programs...

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: Edward Oros <ac3l@pgh.net>
Message-ID: <324572D7.7814@pgh.net>
Source record: 216307

Ready to learn the code or increase your speed?
DOS and Windows version of IMCT are available
at http://www.qth.com/antenna.

AC3L

3527. Re: do we build? was(re: arrl survey ignores 7 of 8 wrc-99 issues!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: carl@ais.net
Message-ID: <523s51$3fq@news.ais.net>
Source record: 216308
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew

In <51sur0$g7j@news.Hawaii.Edu>, jherman@Hawaii.Edu (Jeffrey Herman) writes:
>
>Now, I think we're going to have to redefine "homebrewing" - I've got
>an article here from QEX titled The Ultimate VFO (April 1996); the
>circuit contains two major ICs, a clock module, a handful of resistors,
>and a few push-button switches. Is snapping ICs into sockets considered
>homebrew? I'll say "no", and call something like this a kit, instead.
>I'll snap it together but won't make any claim that I homebrewed a
>VFO. I've homebrewed VFOs before from scratch and this project won't
>begin to come close to the detailed work that those necessitated. And
>it won't be as rewarding, either.
>

So you're stating that the use of *modern* parts like ICs means that
it's not "homebrew"???

What if I design the IC? (Something I do regularly at work ...) Does
that count?

What if I program the IC (as in a uController)? Does that count?

Or does it have to be solely discrete parts (tubes?) hand-wired between
nails pounded into a hunk of wood? (which is what you seem to view as
"homebrew")

We've already established that many, if not most, hams are not building
anything ... wouldn't getting lots of them building
(and debugging) ever-more-complex kits be a step in the right direction?

As usual, Jeff, your arguments are an outlandish mix of troll and
"traditional-eleteist" ...

Carl - wa6vse
carl@ais.net

3528. Re: Morse Code again (was Re: re: do we build? was(re: arrl survey ignores 7 o

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: carl@ais.net
Message-ID: <523shv$3fq@news.ais.net>
Source record: 216309

In <5207ic$cbd@newsbf02.news.aol.com>, w8jitom@aol.com (W8JI Tom) writes:
>
>Why is necessary to cross post this endless debate to groups like
>homebrew>?

Sorry Tom ... I didn't ... Or at least not intentionally ... I merely replied to Ed's post ... if .homebrew was in the headers, I didn't notice it ... I certainly didn't add it ...

Carl - wa6vse
carl@ais.net

3529. Re: Morse Code again (was Re: re: do we build? was(re: arrl survey ignores 7 of 8 wrc-99 issues!)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: carl@ais.net
Message-ID: <523snb$3fq@news.ais.net>
Source record: 216310
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew

In <521e7i$1u8@Usenet.Logical.NET>, orion@capital.net writes:
>
>Well said, Carl. I agree 100%. The trouble is though, things will
>never change as long as the CW loving ARRL is running the show.BTW, I
>resigned from that lofty organization last year just because of their
>assinine stand on code requirements. And for the "Try CW, You'll
>learn to love it!" group, I say "Nuts to you." I worked on that damn
>Morse Code until it made me sick. It's still just noise to me. Now I'm
>forever locked out of the HF spectrum because of this discriminatory
>rule.
>Butch N2YMJ
>

Butch,

Don't give up ... be more vocal ... we WILL get things changed ... and I
think it will be sooner rather than later ...

73,
Carl - wa6vse
carl@ais.net

3530. Re: Digital/Analog HF Receiver Design

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: Jim Reid <jreid@aloha.net>
Message-ID: <01bba8ae$39a7e160$91070ccf@jim-reid-1>
Source record: 216311

Gary Coffman <gary@ke4zv.atl.ga.us> wrote in article
<1996Sep21.092008.2466@ke4zv.atl.ga.us>...
> In article <01bba732$83fb2ba0$89070ccf@jim-reid-1> "Jim Reid"
<jreid@aloha.net> writes:
> >carl@ais.net, in article <51helc$pjm@news.ais.net>...

Gary writes:
> That's a shocking statement, but it may be true. $10-$15 extra

Jim"

Of course I meant to type $10,000 to $15,000 for these prices!
And, yes, they are shocking.

But Mahalo to you Gary for your excellent explanation of the coming
digital techniques; I truly hope they are not to far out into the
future. Any chance before the next propogation peaks just
past the century turn? Only 5 or 6 more years. Clearly I do
not have the background to participate any further in this level
of technical discussion; my degrees, were in, of all things,
vacuum tube technology learned at Stanford in the mid 1950's!
You know, TWT's, Beam Parametric Amplifiers (the Adler tube from
Zenith Radio) etc. Stanford the home of the Varian' s Klystron and
the many technologies later commercialized at Eimac and so forth.
My particular assistanship project was a contra-wound helix
X-band TWT; contra wound in hopes of greater gain:
a hoped for 40 dB gain over the band; realized about half that, 37.

Anyway, too many decades have passed for me to get atop the
math, tecnhology, and integrated experiences leading to that of
which you have written to even hope to participate. Do keep on
top of your ideas, Gary, and try to urge someone here, such as
maybe the great guys at Ten Tec to begin marching in the direction
you propose and map out. They have already broken with the
Japanese in their approach to eliminating some inherent noise in
the phase lock loop approach in the LO synthesizer design. So
they do apply different ideas, at least.

The Contesting part of the amateur community has already gotten
together on the internet and presented several improvment ideas
to Ten Tec; upgrade ideas to the Omni VI they now have, but
certainly nothing as exciting as that which you propose.

Turn your piece into a proposal to them Gary, who knows, they
might be willing to grant you some support, if you should wish it
that is.

Anyway, thanks again, Gary. I am very grateful for the time you took
to respond so completely and deeply to my post. This is what the
amatuer radio community really is all about.

73, Jim, AH6NB

> may be more than amateurs are willing to pay for better performance
> equipment, especially if it means abandoning their "traditional"
> signal modulations. But I expect that the RF part of tommorrow's
> receivers will actually be simpler than today's receivers, and
> should offer markedly reduced costs. The digital back end will
> add costs, but probably not enough to offset the up front savings.
> (The price of digital components continues to plunge as their
> power grows while the cost of analog RF components continues
> to soar.)
>
> Note, transmitter costs and complexity are essentially moot.
> Off the shelf technology already allows us to build suitable
> I/Q transmitters at low cost and with sufficient performance.
> (An I/Q transmitter allows us to generate any arbitrary signal
> design.) It is the receiver, and suitable signal design, which
> are the keys to big performance gains.

>Gary

3531. Re: PRO - CW !!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: carl@ais.net
Message-ID: <523tnt$3fq@news.ais.net>
Source record: 216312

In <52163c$jjn@newsbf02.news.aol.com>, ptracy@aol.com (PTracy) writes:
>In article <520ip4$hit@jupiter.planet.net>, adell@planet.net (Steve -
>KF2TI) Landing, NJ writes:
>
>>> Rediculous ... you obviously have no case.
>> ^^^^^^^^^^^
>>
>>for someone so smart he can trun down mensa and copy 20wpm
^^^^ ^

Pardon me, but I think you meant "turn" ... and "Mensa" is a proper
name, so it should be capitalized.

>>code in his head it's spelled "ridiculous"
>>
>>
>
>theyur seemz too b sumthing rong wiht my speell chckur. Can sumbuddy teel
>me howz the speelling? Wear can i get a dictshunairy?

Perhaps I should, but I don't use a spelling checker on USENET posts. I
prefer to write my ideas while I'm "on a roll" and the spelling checker
slows down the progress through the threads more than I prefer.

I applogize for my fumbles and foibles ... I often try to type faster
than my mind-hand coordination will permit ... I have only partial
sensation and coordination in my hands due to a spinal chord injury.

And I do have a very complete dictionary ... I looked up "KF2TI" and the
definition it gave me was "jerk; idiot; nincompoop; insensitive boor;
often known to frequent USENET groups where he trolls for flames and
shows general lack of knowledge and respect for others"

Carl - wa6vse
carl@ais.net

3532. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: carl@ais.net
Message-ID: <523uur$3fq@news.ais.net>
Source record: 216313

In <1996Sep21.052840.1689@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>
>If amateurs were limited to 5 watts, and required to use unmodified
>Type Accepted radios, considerably relaxed examination standards
>could be permitted. But that is not the case, and I would suggest
>it would be an extremely undesirable course for amateur regulation
>to take.

Agreed ... for many reasons, not the least of which is that type
acceptance of ham gear would add *significantly* to its cost.

>That's because it is counter to the primary purpose of
>the amateur service, that of technical investigation.
>

Watch out there Gary ... you'll offend the masses who think that "it's
just a hobby" ...
This attitude is THE BIGGEST problem facing ham radio today and in the
future. It is the root of all of the problems that will threaten our
very existence in the future.

>
>The problems of concern in amateur radio don't appear to be
>related to Morse speed at all. In fact, enforcement records
>would seem to indicate that enforcement actions against
>amateurs fall disproportionately against those who have
>passed the highest speed Morse exam, IE Extras, who comprise
>the smallest amateur class, have the largest percentage by
>class of NALs filed against them.
>

I think that it's the "I'm an Extra, with a capital 'E' and I'm BETTER
than the average ham" mentality that leads the skofflaws to believe that
they can do whatever they damned well feel like.

I've often heard various jammers, jerks, and lids (complete with 1X2 or
2X1 calls) "doing their thing" and at the same time telling the
inevitable "channel police" who show up to tell them to shut up and go
away "I've been a ham for xx years, and I'm an Extra, so why don't you
damned well go back to CB where you belong?"

I think it's one of the clear proofs that the current class system
is ill-conceived and does far more harm than good.

>
>This may be indicative of persons lacking a strong internal
>set of values, IE persons who must have some external sort

>of validation of their self-worth to hang on the wall as
>proof that they are more than they *really* subconsciously
>believe that they are. This sort of behavior is often an
>indicator of deep seated personality problems.
>

Duck Gary!!! When I said the same thing, I got seriously flamed as being bigoted against extras and scolded for "insulting my betters".

Carl - wa6vse
carl@ais.net

3533. Re: Repeaters in a certain radius?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: Bob Winingham <kc5ejk@onramp.net>
Message-ID: <523v76$lle@news.onramp.net>
Source record: 216314
Cross-posted to: rec.radio.amateur.misc,rec.radio.digital.misc

>>Has anybody found a program which can read a latitude/longitude file list
>>of cities and identify all cities within a specified radius? I know that
>>one way to do this would be to use maps,

APRS can do this with maps and it works well for plotting locations
of repeaters.

The MAC version can be used with a QRZ/Buckmaster CD-ROM or a disk data base
to show any HAM in a user defined radius. You could just keep repeaters
in that data base. You can also plot by Lon/LAtT,gridsq or zip code.

goto www.tapr.com for programs (PC/win/MAC versions)

73

kc5ejk@onramp.net

3534. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: carl@ais.net
Message-ID: <523vin$3fq@news.ais.net>
Source record: 216315

In <51pgqo$399@news.Hawaii.Edu>, jherman@Hawaii.Edu (Jeffrey Herman) writes:
><carl@ais.net> wrote:
>>Why is the primary focus on testing ALWAYS as a means to "limit access
>>to the HF bands" ???
>
>Because, unlike V/UHF which can accomdate millions of folks due to its
>short range characteristics, if one so much as sneezes on HF he could
>possibly be heard half-way around the world. That 3.75 MHz we've been
>awarded does have an upper boundry in regard to the number of ops that
>can be accomdated.
>

If we don't use what we have more effectively, we'll ultimately lose it.
The current number of hams supported by our HF bands is a drop in the
bucket ... and our modulation techniques cannot even meet those that are
required under the FCCs new rules for the land mobile services (spec'd
in bits/sec/Hz)

>You'll argue that if everyone used the latest fad mode we would have room
>for an unlimited number of folks; but you refuse to face the reality that
>we're not all going to shift to your mode of choice. You're guilty
>of espousing that ("you *must* use my mode") which you've condemed ("why
>*must* I learn the code?")
>

We'll HAVE to adopt more efficient modes in order to accomodate the
numbers we must have and to meet the spectral efficiency criteria that
we'll be measured by, in order to survive the "value of
service/technology vs allocated spectrum" measurements we'll be
subjected to in the future.

With the FCC mandating the adoption of more spectrally efficient
modulation techniques in the land mobile (Part 90) bands and teh
cellular phone folks adopting them for financial reasons (more
capacity=more subscribers=more $$$), how can you assert that we can sit
on our asses and continue to use outdated technology that's far less
efficient??? And don't give me the standard "its' ONLY a hobby" crap
.. that's false and doesn't address the threats.

>One wonders why you're not chastising the SSB crowd for their wide-
>bandwidth mode - uses more than CW.
>

SSB is actually *more efficient* than CW ... in terms of information
conveyed per Hz consumed. The fact that its bandwidth is wider than
even fast CW is irrelevant to the issue of efficiency. To argue to the

contrary only shows a lack of understanding of the issues involved.

>>We need more people, not less ... but yes, they should be qualified to
>>safely operate radios without hurting themselves or others, and without
>>causing harmful interference to other services ... that's all.
>
>You say we need more people on HF but you don't even have HF privileges (do
>you even own an HF rcvr?). And RF safety is *not* enough. We're the only
>radio service privileged to build and modify radio equipment; much more
>knowledge of electronics is needed than you are proposing.
>

Don't try to twist what I said into implying that I advocate a
reduction in theory testing ... I've openly said that the present
written exams are a joke and should be mmuch tougher ...

Carl - wa6vse
carl@ais.net

3535. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: carl@ais.net
Message-ID: <52403g$3fq@news.ais.net>
Source record: 216316

In <51svc4$65i@jupiter.planet.net>, adell@planet.net (Steve - KF2TI) Landing, NJ writes:
>> carl@ais.net writes:
>> In <32402BDD.4DA0@gte.net>, Jim Conn <jconn@gte.net> writes:
>
>>
>> I think that the majority answering the survey may well lean
>> towards the keeping the code test ... however, I think that's because
>> the ARRL "membership" consists of two factions ... the "old guard" (who
>> favor CW above anything and everything) and the "subscriber-member" ...
>> the guys like me who ONLY send their $xx/yr to Oldington to get QST
>> delivered every month ...
>
>then you deserve everything you get. Don't vote!! don't bitch
>when you don't get your way
>
>

Oh, I NEVER SAID I didn't return MY survey ... I did ... the very next day, and it firmly indicated MY views ... eliminate the code test, it's an anacronism that's hurting ham radio, not helping it ...

My point was that many (no-code advocates) who receive the survey probably won't send it in becasue they figure the ARRL is not sincere (having faught no-code for so many years).

And even if EVERY ARRL "member" sent in the survey, so what? Less than a third of US hams are "members" and huge numbers of the "members" are really just "QST subscribers", so who really cares what the ARRL survey says?

Government regulation of spectrum is NOT a "popularity contest" ... it's *supposed* to be a "public interest contest" where the regulators decide who gets spectrum on the basis of what uses do the most good for "the public" in general ... ham radio is on the downslide in this measure .. we must increase our numbers, overcome the "it's ONLY a hobby" mentality, and adopt (and INVENT) new technologies that allow more efficient use of the spectrum we have ... we can do all of these things, but THE major hindrance is the code test, followed by some backward rules regarding bandwidth, use of different alphabets/coding schemes, etc. and CW identification (DUH!) of new waveforms like spread spectrum.

Carl - wa6vse
carl@ais.net

3536. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: carl@ais.net
Message-ID: <5240e0$3fq@news.ais.net>
Source record: 216317
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <324419B6.57FD@worldnet.att.net>, Clay N4AOX <wyn@worldnet.att.net> writes:
>carl@ais.net wrote:
>>
>
>> (NO I DIDN'T ... Carl)
>> >As one who works day to day with the latest in telecommunications
>> >technology, I can say with confidence that in a very short time, using
>> >ADSL technology, voice, video and 1.44 megabit data will be available to
>> >everyone via their regular copper phone line for a paltry few bucks. We
>> >are field testing it now. High speed digital communications will become
>> >so easy and cheap in the next few years, even the most advanced SS HF
>> >radio amateur modes will be obsolete by comparison of cost/performance.
>> >Mankind is ready to once again "jump the curve."
>
>Sounds like cold fusion. Are you working on that in your basement too?
>I'm working on a prescription for anti-aging. I just have to get my
>speed up a few more MPH.

I didn't write the paragraph above that you attribute to me.

I actually replied to it, and took exception with the concept that radio
will be obsoleted by wireline technologies such as ADSL ... they're very
attractive for what they can do, but they have dissadvantages that only
radio systems can overcome ...

No, I'm not working on wireline technologies ... but I'm familiar with
the work that's being done in the area ...

And, finally, I don't HAVE a basement ... I presently live in an
apartment ... <sigh>

Carl - wa6vse
carl@ais.net

3537. DX and Satellite Cyberscheds available at http://www.sarrio

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-2209961118120001@host44.cyberg8t.com>
Source record: 216318

This is a new use of the WWW that can benefit ham radio operators throughout the world.

You can now schedule contacts with hams all over the world simply and easily by using the WWW and e-mail.I have set aside a section of my web site for hams to post their request for over-the-air schedules. Included in the posting is a place to list the posters specific ham radio contact needs (countries, zones,IOTA, grid squares ect...). The postings will also include an e-mail link that will allow hams that read the posts, to easily request an over-the-air schedule.

How Can Cyberscheds work for me?

Do you need a certain state to complete a WAS award? Are you just a few countries away from a DXCC? Are you a QRP operator looking to make contacts with hams all over the world? Are you a DX station that has grown tired of the stateside pile-ups on 20 meters? Or are you going mobile into a hard to work county?

In all the above examples you could have prearranged cyberscheds with those hams that you want to work. If band conditions are poor just e-mail the hams you could not work and set up a new schedule.

Cyberscheds are a simple way to have the internet work to the benefit of hams all over the world.

All posting will stay on-line for 6 months, or until the posting is asked to be deleted. Below is an example of one cyberpost visit the cyberpost page and view them all. Below is an example of one of the postings:

Station: BV/N0IAT

Name: Joe Fitter
QTH: Taipei, TAIWAN Republic of China
Bands: 40/20/17/15/10
Mode: CW (occasional SSB, but not much)
Comments: Looking for South America, Central America, and Carribean QSO's. I QRV from a
neighbors shack (local law), so operating times are limited to station availability. QSL via my CBA --
I DO NOT accept IRC's or Greenbacks, just please send me your QSL card and a route for returning
the favor.
Post Date: Sept. 6, 1996
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront and web site developer. Located at http://www.sarrio.com.

In association with Brillar Enterprises http://win-win.com/brillar provider of discount CD-Roms!

3538. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: carl@ais.net
Message-ID: <524130$3fq@news.ais.net>
Source record: 216319

In <520iut$hit@jupiter.planet.net>, adell@planet.net (Steve - KF2TI) Landing, NJ writes:
>
>I'll probably hate myself in the morning, but the carlmeister is a techplus
>and he does have HF privies. BUT, he's in the same class as U NO HOO
>down south. No radio, but can receive in his head all the nasty stuff
>that happens on HF.. He's just jealous that he can't join in.
>
>steve" the personal troll of Kar-el"
>

Like "U NO HOO down south", I never said I don't have an HF radio ...
not that it's relevant to the code/no-code issue, though ...

Actually, since you're so interested, I have a reciever only for HF
right now ... recent move from 42' sailboat in Florida to apartment in
the Chicago area has sort of cramped my "antenna farm" ...

BTW Steve ... back under your bridge ... if I need/want YOU to
"defend" me, I won't ask ... I'd slit my wrists before consorting with
the likes of you.

Carl - wa6vse
carl@ais.net

3539. Re: Thanks Carl

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: carl@ais.net
Message-ID: <5241bh$3fq@news.ais.net>
Source record: 216320

In <520916$c1l@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net (Jim Kehler) writes:
>kc5egg@ix.netcom.com(Gerald Schmitt) wrote:
>
>>When I started out in amateur radio I was interested in code as part of
>>the ham radio mistique. The pro code cretins on this group and .policy
>>have driven me from that to end the code test activism. Fortunatly ham
>>radio in general is not relflected in the usenet newsgroup so I have
>>maintained an interest. If amateur radio is to survive it need numbers
>>not worship of some sophomoric hazing ritual.
>
>That's an original excuse, Jerry. Pro code people on internet made you
>loose interest in the code. Very original. Best excuse I have heard so
>far. A+.
>

Jim,

The GOOD part is that he became a ham BEFORE the "pro-code cretins" got
to him ... with results exactly opposite to those they intended, by the
way.

The BAD thing is that lots of "pro-code cretins" get to LOTS of
prospective hams BEFORE they actually become hams ... with the result
that they're turned off, turn away, and NEVER become hams ...

You guys just aren't the "good PR" for ham radio that you think you are
..

Carl - wa6vse
carl@ais.net

3540. Re: Travel with toys (electronics)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: tkeyowski@dlcwest.com
Message-ID: <5241nv$4bj@fin.firstnations.ca>
Source record: 216321
Cross-posted to: rec.travel.air,alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc,rec.aviation.piloting

In article <523g89$kf7@globe.indirect.com>, jamoran@indirect.com (John Moran) says:
>
>has anyone traveled domestically (US) or Internationally with electronic
>In Germany, I did have a brief delay..they wanted to know how the
>SONY-2010 worked. I explained...they also used a sniffer to check for
>anyh traces of nitrates (explosives) I did have aproblem with the scanner
>that I had in a pouch on my belt...Airport security (Police) wanted to
>know what i was doing with the scanner. I showed them my frequency
>lists..all were for Police, fire, and aviation frequencies in either
>Arizona or Southern California.....Finally, I was able to get the
>scannerhome by letting the plane's captian agree to carry it in a special
>pouch.

I've been through security in Chicago and Minneapolis many times and not once did I have a problem with my toys. Once I had an alarm clock in my carry-on and they wanted to look at it, but no big deal. However, at airports here in Canada, I've almost had to be strip-searched
each time I bring a toy through security. Had to show the shortwave radio worked, had to dial up ATIS on the scanner, had to make a cellular phone call, play a tape, all to the amusement
of passing passengers! And this is at a very small airport. Grrrr. But not as serious as your encounter in Germany.

3541. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <5249dv$9l@jupiter.planet.net>
Source record: 216322

> carl@ais.net writes:

> BTW Steve ... back under your bridge ... if I need/want YOU to
> "defend" me, I won't ask ... I'd slit my wrists before consorting with
> the likes of you.
>
> Carl - wa6vse
> carl@ais.net

what likes, a coded HF user?? someone who doesn't whine and cry continually when he realizes he can't get his way?? Someone who wastes an important vote then cries "They never support my ways!!!" Someone who can copy 20wpm in his hean. OOppps that's you, sorry.

Go ahead slit your wrists. one less crybaby to deal with. Normally i'd ask if i could have your radio gear, but you don't own any.

steve

3542. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: carl@ais.net
Message-ID: <524abv$a25@news.ais.net>
Source record: 216323
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <52388j$420@krypto.zippo.com>, cecilp@magic.bunt.com (Paul Cecil) writes:
>carl@ais.net wrote:
>
>>Why? Why does there HAVE to be a "Hurdle"??? We're not trying to keep
>>people out ... we just want them to know how to use the gear, and how to
>>operate courteously without being a bunch of assholes, right???
>>(clearly the code does not keep out assholes ... just listen on 20m or
>>80m and you'll have proof readily at hand ..)
>
>>I have no use for the "no pain, no gain" mentality ... there's no honor
>>in working hard if one can work smart ... only a stupid person or a
>>masochist would value something more just because it "hurt" more to get
>>it ... the "hurt" does NOT make the end result more valuable ...
>
>Yes we are trying to keep people out! Your call for more technically
>minded people will keep out those who are not.

The code has been keeping technically qualified people out for years and
years ... at least theory is RELEVANT to the purpose of the service.
>
>Read what you have written, you want eveyone to have the same
>knowledge base as you. Therefore, they must be like you.
>>>

No, I don't expect everyone to heave the same knowledge base as me ...
just a reasonable foundation in how the damned radios work, and an idea
of how to operate on the air without being a total asshole like some of
the ones you hear on 80m and 20m.

>
>You have talked about tougher tests. Would please give me an idea of
>what type of test a new ham would take. Give some example questions,
>topics a ham would be required to know, etc.
>

It's not my job to write the tests ... if it was, they'd probably be
considered too hard ... I used to teach a college course and my
students thought so ...

>
>Actually, I don't think the goverment is worried about our technical
>knowledge. But they will become concerned if the code is dropped as a
>requirement since they will then have to listen to this thread in
>person.
>

Since one of the prime purposes for our existence is to "maintain a pool of people skilled in the art" ... they most definitely *should* be interested in our technical knowledge ... otherwise, we ARE "just another CB" with or without the code!

Carl - wa6vse
carl@ais.net

3543. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: carl@ais.net
Message-ID: <524b6h$a25@news.ais.net>
Source record: 216324
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <523892$420@krypto.zippo.com>, cecilp@magic.bunt.com (Paul Cecil) writes:
>>>As I said you need to look around you realize that most Hams enjoy the
>>>hobby/service aspect of Amateur Radio, and not the cutting edge
>>>technology.
>
>>No argument with the above, but what does it say... for or against
>>continued CW testing for HF access?

> (Paul's comments start here:)
>Nothing, except that a majority of hams wwould rather enjoy the hobby
>side of amateur radio (ragchew, dxing, contesting, etc.), not the
>experimental side. Carl (to me) seems to suggest that amateur radio
>should only be an experimental hobby. I almost think that he wants to
>do away with all else. (i.e. If you are not testing something then
>stay off the air).

No, not true ... what I've been saying is that there's a lot MORE to our
RESPONSIBILITIES and too many people take the "it's JUST a hobby" view.

Yes, I've made some comments that a lot of what you hear on the bands is
mindless drivel, of questionable value ... and I truely feel that way
.. but it doesn't mean that I think it should be censored ... I just
find a more interesting conversation to participate in ... the jammers,
cursers, and other sub-humanoid types should be caught, fined, and
barred for life from owning ANY transmitting apparatus ...

>
>>Which, like it or not, says the more of us, the better our
>>ability to press our case. Yes, there is a value in pure
>>numerical size.
>
>But is size what we want. Are the hf bands empty? How about the vhf
>bands? Size is not all. It is how we use what we have. The ARRL needs
>to start lobbying the companies to start bring out equipment for the
>uhf and microwave bands that we all can afford. Look in the catalogs,
>how many low priced all modes do you see for vhf on up?
>

Chicken and the egg ... everone (existing licensees, that is) who wants
to be on VHF/UHF already is (for the most part) ... need more people to
stimulate sales (if that's what you want).

HF ... that's another story ... lots of people who'd like to get on HF
but can't ... why? ... code.

Plus there are lots and lots of people who are still staying away because they aren't willing to swallow the antiquated code and perceive the whole of hamdom as backward and unattractive because of it ...

It's like hamdom has this big ugly wart on its face, but thinks it (the wart) is its most beautiful feature ... not too many princes waiting to kiss the woman with the big, ugly wart, huh?

>
>My point is that there will always be those that will cry, whine and
>gripe because they could not, and should not, have their way. In this
>age and day, to many individuals think that whatever they want is
>their God given right to have. No where is there a guarantee that
>simply because you want an amateur radio license, that you can get it.
>You have to take a test and prove your knowledge.

Proficiency in OOK Morse is NOT a falid, relevant bit of "knowledge" to hold up as a licensing requirement in today's world.

Carl - wa6vse
carl@ais.net

3544. Re: ARRIVED! (was BULLETIN: 14 Year Old Sailor Not Heard in 3 Weeks

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: bry@mnsinc.com
Message-ID: <524ath$4q3@news1.mnsinc.com>
Source record: 216325
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc

jherman@Hawaii.Edu (Jeffrey Herman) whistled a happy tune like:

|>Thomas G. McWilliams <tgm@netcom.com> wrote:
|>>Ed Mitchell (vbook@vbook.com) wrote:

|>>: 14 year old Subaru Takahashi is making a solo crossing of the Pacific
Ocean
|>>: from Japan to the United States - in a 30 foot yacht. According to Masa

|>>: Sakamoto, KN6RJ, Subaru, who's call sign is JH0YCG, has not been heard
since
|>>: August 18th.

|>>Most probably, Master Subaru sleeps with the fishes.
|>>Talking to a dead man on ham radio--now that would be some DX!
|>>But what a great QSL card . . .

|>If it had been your son on that boat, Tom, would you have still written
|>those same words?

|>Happily, young Subaru sailed into San Francisco yesterday. Engine
|>trouble prevented him from charging his batteries, thus the reason
|>for no communications.

|>Jeff KH2PZ / KH6

Jeff, I hear that those Subaru engines ARE a problem if you put them in the
water! Now what the heck does this have to do with homebrew radios?

Brian Carling, AF4K / G3XLQ
bry@mnsinc.com
http://www.mnsinc.com/bry = MEGALIST + HOCKEY + HAM RADIO = Bry's Page!

3545. Re: Digital/Analog HF Receiver Design

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep22.203656.9015@ke4zv.atl.ga.us>
Source record: 216326

In article <01bba7e6$0911d1a0$79070ccf@jim-reid-1> "Jim Reid" <jreid@aloha.net> writes:
>carl@ais.net wrote in article <51vdub$kop@news.ais.net>...
>some stuff snipped away
>> "Multiple IFs cause spurious problems, increase costs, and are being
>> replaced with more advanced techniques.
>
>more snipping
>
>> Low IFs in the audio range at the end of a multiple-conversion superhet
>> is a pretty gross way to design a radio."
>
>To which, I now write: The highest priced HF rigs on the market today
>from
>Japan, -- ICOM IC-775; Yaesu FT-1000MP, and the
>Kenwood TS-870S -- all use IF DSP in the final IF stage at 10 to 20 kHz
>range. One can order from the ARRL labs VERY detailed technical test
>reports about these; running to 25 pages and more of data. Have a close
>look at the data, then listen to the users on the HF bands; then comment
>about whether or not these applied technologies now being sold are
>effective when compared with rigs on the market just 2 years ago.
>Some of the Big Gun contest types, eg John Devoldre, ON4UN, have
>sold their "stable" of Yaesu FT-1000D's (the alleged best amateur HF
>rig of the immediate past years) and replaced them with FT-1000MP's
>on each of the principal HF bands! Of course John also has multiple 150'+
>towers, etc, megabucks into his Super Station. He has worked 245
>countries on 160 meters, and has 343 confirmed on 80 meters! So
>he knows low band HF technology and what works, and what is
>better when it comes along. Cost is NOT an issue for him, and many
>others. John obviously compares to those who own and use a
>stable of Ferrari automobiles; not many of us can do that.

My father had a huge old console radio, bought before WWII.
It had 40 tubes and weighed a ton (figuratively). But today
I have a Walkman style radio using 2 ICs that receives just as
well (better when you realize it does stereo too). The old radio
piled elaboration on top of elaboration trying to get the last
ounce of performance out of an old design technique. It had
knobs on it for which neither my father nor I ever figured out
the purpose. The new radio is very simple because it uses different
design techniques, but it works better.

The old receiver didn't have dual loop synthesis or a stereo
decoder. These things weren't even considered by its designers
to be practical circuits to use. But they are relatively routine
and trivial features of the newer design.

My point is, that the last gasp of an old design paradigm is
often large, elaborately complex, and expensive while the follow
on technology is smaller, simpler, and less expensive, but
offers better performance. In this regard, I'd consider the
latest multiple IF rigs from the Japanese amateur manufacturers
as a last gasp elaboration of an old design paradigm.

The new paradigm, just coming into view, is the homodyne quadrature
receiver with direct DSP processing of the I and Q channels. That's
become possible with the advent of 32 and 64 bit DSP processors,
yielding a dynamic range unthinkable to digital processing only a
short while ago. (96 db for 32 bits and 192.7 db for 64 bits)

The main reason to use multiple IFs is to distribute gain so
that stability isn't compromised, to allow sliding rectangular
response filters against one another to generate variable
bandwidth responses, and to allow practical AGC systems to
handle the required dynamic range. Since the gain of the DSP
processed I/Q receiver is supplied by multiplication in the
digital domain, and since the required dynamic range can
be directly accomodated in 64 bits, and since any arbitrary
filter can be synthesized in DSP, the need for the elaboration
of multiple IFs is eliminated.

This is a whole new way of thinking about receiver design,
a paradigm shift, made possible by the advance of digital
signal processing components. This is as much a revolution
in this area as the IC replacing the tube was to the analog
era. The price of a 32 bit DSP chip is now in the $15 range,
and the price of a 64 bit DSP, while still much higher, is
falling rapidly. In the next generation of receivers, the
DSP won't be an afterthought, a fillip tacked onto the end
of a conventional receiver design, it will be the integral
heart of the receiver, because it will allow the receiver
to be simpler, cheaper, and better.

Now lots of folks might be saying "Ho hum, what's this
do for me?" And they're right to ask that question. The
direction of the cost curve is one answer, the digital
processed receiver will be cheaper. Another more significant
factor, however, is performance. The current generation
receivers perform very well within the limits of their
paradigm. But that paradigm is based on rectangular response
filtering. DSP allows us to generate matched filters for
any arbitrary signal design.

This isn't just a rectangular response, because few signals
generate a rectangular spectrum. This is a complex response
accounting for signal phase and amplitude momemt by moment.
With proper signal design, this allows us to directly
extract Eb/No, which is typically very different from the
naive SNR in a rectangular bandwidth. In other words, it
allows us to detect properly designed signals well below

the naive SNR noise floor of the system.

To achieve maximum benefit from this, of course, properly designed signals have to be used. While there is some benefit for haphazardly designed signals, maximum benefit comes from signals designed to take best advantage of this matched filter response. The class of coherent digital signals fit this criteria perfectly. So maximum benefit of this new paradigm will only be obtained by using properly designed digital signaling techniques.

This latter factor may partially explain why the Japanese manufacturers of amateur equipment haven't rushed into this newer design paradigm. Amateurs cling to traditional signaling techniques and haven't yet widely adopted the superior digital signaling techniques now becoming available for which an I/Q receiver design would deliver maximum benefit.

Ironically, the use of I/Q technique coupled with matched filtering gives old fashioned AM an advantage over SSB for reception in noise. It's only 6 db, but HF amateurs often go to great lengths to achieve 6 db of gain (directive antenna arrays for example). But with properly designed signals, the advantage can be much larger. For example, PACTOR II in its most robust guise has an approximate 28 db difference between Eb/No from a matched filter and the naive SNR in a rectangular bandwidth, IE at -18 db SNR, Eb/No is +10 db. That's much more than can be gotten from a linear amp and a directional array.

I've been experimenting for the past few months with these techniques on the bench, using a front end design borrowed from the R2 with the I and Q feeding directly to the stereo codec on the Analog Devices DSP EZ-Kit Lite. Now that unit only has 16 bit sampling, so dynamic range is compromised, but with properly constrained input signals, performance has been spectacular. I have been able to perfectly extract 400 baud QPSK signals buried in noise using matched filtering. The signals are inaudible to the ear when I and Q are combined through just a 90 degree shift and low pass filtered, IE conventional rectangular filter recovery.

These experiments give a strong indication of what is possible for this technique when used with more powerful chips which can handle real world dynamic range.

Notes:

Actually, I'm using a correlation algorithm, but signal theory says that's equivalent to a matched filter.

The noise sources I've used are 29 MHz and 27 MHz band noise sources, yielding near gaussian and non-gaussian noise

distributions respectively, IE it still works when mixed with
CB Ch 19. These are obtained via a TRF stage feeding an adjustable
passive combiner so that I can vary the ratio of band noise to
my test signals. This combination is then fed into the receiver.

The test signals are generated by a ripoff of the T2 circuit,
being fed I and Q from my PC's sound card playing stored WAV
files generated from MathCad data files.

Note that these techniques work best with the LO locked to
the desired signal, IE synchrodyne reception. I've simulated
that by using a common LO for both the test transmitter and
the receiver. I also have tried driving my receiver LO (an
IFR500) through its FM input with a correction voltage,
generated by the DSP program in bang-bang fashion out its
RS232 status port to a hold capacitor. This forms a crude
phase lock system which can lock it to the signal generated
by the T2 when driven by a separate LO. (This is very crude,
of course, I wouldn't recomend this as a way to build a practical
phase locked receiver, but it works well enough for benchtop
tests to demonstrate the concept that the DSP can generate the
information needed to lock the LO to the signal.)

Not counting the IFR, which I already had handy, this lashup
cost less than $100, most of that the DSP evaluation board.
But it offers performance beyond either my IC735 or my IC706
under the test conditions given. I'm confident that it
outperforms the latest and most expensive Japanese radios
as well (under the test conditions used, it doesn't have the
dynamic range needed for the real world due to the 16 bit
limitation of the DSP I have).

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3546. Re: the final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: carl@ais.net
Message-ID: <524c67$a25@news.ais.net>
Source record: 216327
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <1996Sep22.053835.6698@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>In article <51sqbb$5aa@news.ais.net> carl@ais.net writes:
>>Gary ... you know as well as I do that an infinitely narrow signal
>>cannot be generated and an infinitely narrow filter cannot be built ...
>>and yes, that if those two practical realities were repealed the
>>throughput would still be ZERO ... so why not just agree that the
>>argument is "false" ... how about "false, within the limits of
>>realizable waveforms and equipments" ... OK??? (geeze ...)
>
>No, because an unmodulated carrier is still narrower, and can still
>use a narrower filter, than any modulated carrier, including OOK
>modulation.

I've been talking strictly about systems capable of conveying useful
information ... if you want to pick nits, fine ...

There is no such thing as an "infinitly narrow unmodulated carrier" ...
every oscillator has phase noise ... some are quiter than others ...

Besides, we agreed that throughput goes to zero as the signal is made
arbitrarily narrow in order to reduce the noise floor in the
arbiratrily narrow receiver filter, etc.

>>>
>>>Coding gain doesn't help you if you can't detect the signal.
>>
>>Yes, Gary ... I didn't say anything about repealing the laws of nature
>
>Apparently you did.

No I didn't ... I'm not claiming to lower the detection threshold ...
just that properly coded digital signals can be received at levels where
a CW operator couldn't even detect the presence of a CW signal.

Carl - wa6vse
carl@ais.net

3547. Re: Needed: Manual for Heathkit SB-110 6 Meter Rig

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: bry@mnsinc.com
Message-ID: <524cd1$4q3@news1.mnsinc.com>
Source record: 216328
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.swap

basil@turn.com (Basil Arrick,KB5KHR) whistled a happy tune like:

|>I need a manual for an old Heathkit SB-110 6 Meter Rig. This is an old
|>tube rig, and is currently in non-working, but otherwise good, condition.
|>I am willing to pay copy and postal charges. The more info I get on this
|>radio, the better, so if you have articles or other writings about the
|>Heathkit SB-110, I would be interested in those also.

|>Thank you in advance for your help.

|>Basil (Darin) Arrick, KB5KHR
|>basil@turn.com

Hi Bas - here's where you can get the information free about who has these
manuals:

Get the file manuals.txt at this Web Site:

http://www.mnsinc.com/bry/

Brian Carling, AF4K / G3XLQ
bry@mnsinc.com
http://www.mnsinc.com/bry = MEGALIST + HOCKEY + HAM RADIO = Bry's Page!

3548. Re: Needed/Wanted: Vacuum tubes

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: bry@mnsinc.com
Message-ID: <524cee$4q3@news1.mnsinc.com>
Source record: 216329
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.swap

basil@turn.com (Basil Arrick, KB5KHR) whistled a happy tune like:

|>I need a bunch of vacuum tubes for a couple of radios that I am working
|>on: a Collins KWM-2A and a Heathkit SB-110 6 Meter Rig. Some of the tubes
|>that I need are as follows:

|>6U8A (Qty: 3)\
|>6EB8 \
|>6EA8 ---- These are "must haves"
|>6DC6 /
|>6AZ8 (Qty: 2)/

|>12AT7 (Qty: 2)
|>12AX7
|>6BN8 (Qty: 2)
|>6AZ8 (Qty: 2)
|>6146B (Qty: 5)
|>6CL6

|>If you have any of these tubes, let me know. I would prefer to purchase
|>them all from one person, if possible, but I will purchase them from
|>different places, if needed. If I could pick them up (local to Dallas/Ft.
|>Worth, Texas, area), that would be a _HUGE_ plus. I will pay shipping
|>costs.

Hi again - get tubes.txt too while you are there!
Brian Carling, AF4K / G3XLQ
bry@mnsinc.com
http://www.mnsinc.com/bry = MEGALIST + HOCKEY + HAM RADIO = Bry's Page!

3549. Re: do we build? was(re: arrl survey ignores 7 of 8 wrc-99 issues!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: bry@mnsinc.com
Message-ID: <524cjj$4q3@news1.mnsinc.com>
Source record: 216330
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew

jherman@Hawaii.Edu (Jeffrey Herman) whistled a happy tune like:

|>Now, I think we're going to have to redefine "homebrewing" - I've got
|>an article here from QEX titled The Ultimate VFO (April 1996); the
|>circuit contains two major ICs, a clock module, a handful of resistors,
|>and a few push-button switches. Is snapping ICs into sockets considered
|>homebrew?

|>Jeff KH2PZ / KH6

Jeff, it is ONLY considered hombrew if you BURN your fingers in the process!

Bry, AF4K

Brian Carling, AF4K / G3XLQ
bry@mnsinc.com
http://www.mnsinc.com/bry = MEGALIST + HOCKEY + HAM RADIO = Bry's Page!

3550. Amateur Radio Newsline #997 20 Sep 1996

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: bigsteve@dorsai.org
Message-ID: <6XbRyQQI8BGY092yn@dorsai.org>
Source record: 216331
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB NEWSLIN @ ALLBBS $NLIN.997
Amateur Radio Newsline #997 20 Sep 1996

The Newsline Information and Copyright Notice is now published seperately every month. Please read this notice before using any part of Newsline in any manner. For a copy of the notice e-mail bigsteve@dorsai.org or netmail Steve Coletti @ 1:278/230 on Fidonet.

NEWSLINE RADIO - CBBS EDITION #997 - 09/20/96

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(* A M A T E U R *)
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(* R A D I O *)
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The following is late news about Amateur Radio for Radio Amateurs as prepared from NEWSLINE RADIO scripts by the staff of the AMATEUR RADIO NEWSLINE, INC., formerly the WESTLINK RADIO NETWORK. Amateur Radio Newsline is a audio news service distributed via telephone.

This hardcopy version is produced by Dale Cary - WD0AKO from scripts provided to him weekly by Newsline. It is then distributed to on-line services, bbs networks and internet user jointly by Dale Cary and Steve Coletti.

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For further information about the AMATEUR RADIO NEWSLINE, please write to us with an S.A.S.E. at:

NEWSLINE
c/o Andy Jarema-N6TCQ
P.O.Box 660937
Arcadia, CA
91066

Thank You, NEWSLINE

(**********
Some of the hams of AMATEUR RADIO NEWSLINE: WA6ITF WB6MQV WB6FDF K6DUE W6RCL N6AHU N6AWE N6TCQ K6PGX N6PNY KU8R N8DTN W9JUV KC9RP K9XI KB4KCH KC5UD KC0HF G8AUU WD0AKO DJ0QN and many others in the United States and around the globe!!!
(**********
[997]

C L O S E D C I R C U I T A D V I S O R Y

EMERGENCY FUNDING

The following is an important closed circuit advisory. Attention all bulletin stations. Newsline is once again on the verge of bankruptcy and existing hand to mouth. We urgently need your support to survive.
As we have said many times, the decision whether Newsline stays or goes is yours. If you want this service to continue, we will need your ongoing financial support, and it is needed right now.
The address for the Newsline Support Fund is:

NEWSLINE
P.O.Box 660937
Arcadia, California
91066

This ends the closed circuit with Newsline report number 997 for release on Friday, September 20th, 1996 to follow.

(*****

The following is a QST

The ARRL questions the need for Supernet, Vanity Gate 2 opens soon and ham radio triumphs over the cellular telephone. Find out where on Newsline report number 997 coming your way right now:

(*****
ARRL QUESTIONS SUPERNET PROPOSAL AT 5 GHZ

The ARRL is questioning the need for the N Two service at 5 GHz. In comments filed with the FCC on a proposal to make available 350 MHZ of spectrum at 5.15-5.35 GHz and 5.725-5.875 GHz for use by SUPERNet devices

the ARRL suggested that allocating 350 MHZ for the devices is excessive and premature. This, in view of other opportunities for high speed data communication.
The Supernet proposal came in response to Petitions for Rule Making from Wireless Information Networks Forum and Apple Computer Inc. The spectrum requested includes part of the shared Amateur Radio allocation at 5.65-5.925 GHz. The proposal calls for use of unlicenced Part 15 devices would provide short-range, high-speed wireless digital information transfer. These same devices could also support new wireless local area networks and facilitate access to the Internet or other facets of the National Information Infrastructure.
But the ARRL says that the Commission's proposal for short-range Part 15 facilities is as far as the Commission can or should go with unlicenced devices. That anything designed for a longer range should be licensed.
The ARRL also cited comments by Pacific Telesis Group. Pacific Telesis says that the 350 MHZ of spectrum not be committed to a service with unproven technology and untested market acceptance.

(*****
NEW OKLAHOMA SECTION MANAGER

Coy C. Day, N5OK, has been elected Oklahoma ARRL Section Manager. Day pulled 475 votes to 149 for Richard E. Russell, KJ5VV. Day takes office October 1st. He replaces CQ magazine writer Joe Lynch, N6CL, who is studying for the ministry and did not seek re-election.

(*****
GATE 2 REMINDER

A reminder that Gate 2 of the Vanity Call Sign Program opens on September the 23rd. The ARRL says that a number of hams have questioned the application requirements contained in the recent FCC announcement on the start of Gate 2. The League says that the confusion arose over the FCC's statement that each call sign must be one designated for the Region of your mailing address.
FCC Fact Sheet PR-5000, Amateur Station Sequential Call Sign System, defines the regions and the types of call signs you may properly select. Briefly, those living anywhere that the FCC issues ham licenses may apply for a call sign from any of the 10 call districts and in any other call district. This means a ham in Missouri could apply for a call sign with a K1 prefix. He or she would not be restricted to a call sign containing a numeral 0.
In addition to regions 1 to 10, applicants with mailing addresses in Alaska also may apply for call signs from region 11, while hams in Hawaii also may apply for call signs from region 13.

(*****
PHASE 3D LAUNCH UPDATE

Earlier this year the failure of the Ariane 5 launch vehicle put a big crimp in the launch schedule for AMSAT Phase 3D. Recently, the ESA completed their investigation of the mission and now Ariane 502, the second

launch of the vehicle series, is slated for sometime in the first six months of 1997. Possibly as early as mid February.
This will be the launch that puts the largest, most complex amateur radio satellite ever built into orbit. Now the pressure is on the satellites construction crew. To finish the final assembly and testing before the assembly is shipped to South America.
This is the most ambitions space communications project that the amateur community has undertaken. Even after a successful launch the spacecraft will take possibly up to a year to obtain its optimum orbit. The last step on a long journey are now being taken down in Florida. As the launch date approaches, amateurs the world around cross their fingers and look foward to the day when they fly in spirit once again.

(*****
EMWIN

If you're a ham involved in emergency communications, or if you're a weather buff, then the federal government is launching a new service you may not want to be without. It's called EMWIN. And it was one of the hottest new attractions at the Huntsville Hamfest August 17th. This new system brings a variety of weather information directly to your home computer, in real time.

Steven Terry, WB4IZC, isn't selling radio equipment, but his display booth is one of the busiest. Scores of hams are fascinated by what they see on a computer screen. Terry is busy answering questions about EMWIN, a new weather information network offering everything from satellite pictures of hurricanes and tornado warnings to forecasts and summaries.

"And you can manipulate them, anything you want. You can get aviation weather, river stages, national forecasts, zone forecasts. The new software is coming out in January. I believe you will get alerts down to the county level." WB4IZC

The National Weather Service wanted to make its weather products as widely available, as inexpensively as possible to anyone interested in receiving them. EMWIN is the result. EMWIN stands for Emergency Manager's Weather Information Network, the system is intended as a low cost way for emergency management agencies and other groups to receive weather information instantly and in real time.

"The weather service set of a tornado watch in Tulsa. Thirty seconds later it popped up on the screen coming of the satellite." WB4IZC

You capture the products you want in your PC. EMWIN's software even lets you create a loop of satellite pictures. You can set alarms to sound when certain information comes in. Steven Terry says EMWIN offers obvious benefits to radio amateurs:

"One of the main uses is for hams who are out spotting for the National Weather Service. You got the radar information, the warnings, the watches. You got it right there with you." WB4IZC

EMWIN'S signals are free. You pay only a one time charge for the equipment and software needed to receive and process the signal.
You can receive EMWIN's signals directly off the government's GOES weather satellites. That means you'll have to buy the needed satellite receiving equipment, which right now can cost more than a thousand dollars. But, EMWIN's creators hope the signals can be made available in local areas on VHF or UHF frequencies, that could make the cost of receiving EMWIN only a few hundred dollars.
Andy Farnsworth, KD4YJQ, of Nashville, has been looking over the colorful screens full of satellite pictures and warnings. He likes what he sees:

"I think it's very new and very good. Especially when you can receive it out on the road is a very nice feature." KD4YJQ

EMWIN's popularity is growing rapidly. Five VHF stations already transmit the signals in Oklahoma, efforts are underway to put EMWIN transmitters on the air in Tennessee. Steven Terry is helping make EMWIN available too, using the subcarrier of Memphis radio station WYPL, which he manages.

You can get more information on EMWIN on the World Wide Web, both from companies selling the equipment and from EMWIN's home page. And you'll find an article on EMWIN in the August issue of Monitoring Times magazine.

(*****
NEW ARRL AUDIO-VISUAL LIBRARY PLAN

The ARRL's Educational Activities Department is changing the way its audio-visual system works. Instead of borrowing tapes from league headquarters, affiliated clubs can now order videotapes to keep for just $12 each. Each of the eight available videos contains 2 to 4 programs, or about two hours of programming per tape. The League says that this will permit clubs to build a video library that can be used whenever a club wants, and doing so at very little cost. In fact, the League says that the $12 fee is its cost for duplicating, shipping, and handling.
For complete information about what is on the tapes and how to order them, send a self-addressed stamped envelope, with the notation "New A/V System," to the Educational Activities Department, the:

ARRL
225 Main Street
Newington, Connecticut
06111

(*****
TECHSAT ON THE WWW

The Techsat project - Israel's first Amateur satellite now has a site on the world wide web. Its Universal Resource Locator is:

www.technion.ac.il/~asronen/techsat

If you were not able to copy that all, there is an easier way to find the site. Simply go to one of the on-line search engines like Yahoo or Alta Vista. Type in the word Techsat and the search engine will bring it to you.

(*****
INDIANA BEACON

Brian Bell, N9XDW reports that a new six meter beacon is on the air from Mooresville, Indiana. Its call sign is KG9AE and it can be found on 50.065 MHZ transmitting in CW. Its purpose is to draw attention is to draw attention to the 53.450 MHz and 444.575 MHZ linked repeaters that serve central Indiana. QSN reports go to KB9DJA at his callbook address.

(*****
UK BEACON

Englands' Emley Moor 70 centimeter beacon, GB3MLY on 432.910 MHZ returned to service on July 27th. This after having been off the air for about three months. It is now using a new ruggedized 6 element Yagi antenna beaming at 170 degrees. Any reports should go to:

Peter Blakeborough, G3PYB at his callbook address.

(*****
CONTEST NEWS

From the contest log, word that the Chairman of the RSGB VHF Contests Committee, Steve Thompson, G8GSQ has recently changed his call sign, address and phone number. Steve, who was formerly GW8GSQ, can now be contacted at:

P.O.Box 2399
Reading, RG7 4FB

Steve can also be contacted by e-mail to:

g8gsq@blacksheep.org

(*****
DX

In DX, and still from across the Atlantic, word there is now a new RSGB QSL Bureau sub-manager for the United Kingdoms' G0I series of callsigns. He is Anthony Lord, G4KHT, whose address is correct in the latest callbook. Lord takes over the position from Mr. I Webb, G4JFF.

Also, David Faigue KE6JQP of Simi Valley, California writes to say that the claim by four DXers that they will be the first non-essential personnel to step foot on Midway Island in over 100 years is incorrect. Dave says that he personally visited Midway back in 1973 while in the Navy. He also notes that Pan American World Airways operated their Midway seaplane base from 1935 to 1946. Passengers would deplane at Midway and spend the night at a hotel before continuing on their journey on board the famed Pan Am Clippers.

(*****
SIX METER AM RADIOS WANTED

This note to hams with old six meter AM rigs sitting in their closets and out in garages. The Southern California Six Meter Club is seeking donations of any kind of older six meter AM equipment that can be restored to functional use. The club will fix the gear and then make it available on a free loan out basis to other hams who want to try out the six meter band. If you have an old rig like a Gonset Communicator, Clegg 99er, Solar System Six, Lafayette HE 45 or any late 50's through early 60's radio that you can donate, drop a line to the Southern California Six Meter Club. The address is

Post Office Box 10441
Fullerton, California
92838

(*****
DELTA INFLIGHT SATELLITE TV

Satellite television is coming to the airlines. This with an announcement by Delta Airlines that it has outfitted one of its Boeing 767 jumbo jets with equipment to receive ten channels from the Direct TV subscription service while in flight.
The aircraft is named the Spirit of Delta. It will be flying domestic routes and providing the new service in place of the usual movies and information videos. Programming will include Cable News Network, Headline News, CNBC and the Discovery Channel.
The experiment will last six months after which the airline will decide on whether this type of service could be installed in its fleet.

(*****
CELL FONE FAILURE

Ham radio was there to jump in and fill the breach when cellular telephones failed to provide the promised communications for a major public event. It happened over the July 4th weekend of the Twin Cities to Chicago Bike Ride to fight AIDS.
According to Dave Deiler, KB9JKV, the event was running well using cellular telephones for all communications until the entourage reached central Wisconsin. Suddenly the cell phones would no longer work cutting the group off from one another as well as the outside world. Enter ham radio.
Late in the evening on July the 1st, a plea was herd on Madison, Wisconsin 147.150 MHz repeater for hams to bring their gear and take over where the cellular telephones had left off. Even though it was a holiday weekend enough radio amateurs were found that normal communications for the ride could be resumed.
Dave says that when the riders reached the Janesville area of southern Wisconsin that they were back in cellular telephone coverage but that the communications loss was one that the group did not want to experience again. Rather than rely on the nations cellular system, ride organizers opted to recruit ham radio communicators along the route all the way into

Chicago.
Cause of the cell phone failure? Not enough cell sites covering the
central Wisconsin terrain.

(*****
And for this week, that's all from the Amateur Radio Newsline. You can
write to us at:

NEWSLINE
P.O.Box 660937
Arcadia, California
91066

For now, with Bill Pasternak WA6ITF at our editors desk, we at Newsline
say 73 and we thank you for listening.

(* * * Newsline is copyright 1996 & all rights are reserved. * * *

--
< ^^>
< "Big Steve" Coletti >
< Computer and Network Installation, Upgrades and Repair. >
< Internet: bigsteve@dorsai.org >
< I was balding, then I installed Windows 95 and pulled the rest out. >
< US Mail: P.O. Box 396, New York, NY 10002 >
< Fax Weekdays/Voice Weekends: +1 212 995-2637 >
~~~~~~
~~~~~~

3551. Re: 4-5 kw Generator Recommendations??

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep22.210323.9201@ke4zv.atl.ga.us>
Source record: 216332

In article <520lmq$lf0@lex.zippo.com> wb4yuc writes:
>
>Gary, you made a comment about trailer mounted generators. You
>would prefer deisel. Well, maybe if it weren't for really
>bad emergencies, like the aftermath of a hurricane. Gasoline
>is more readily available. BTW - I think for a club involved
>in emergency communications a trailer mounter generator is the way to
>go, they are heads and shoulders above any portable.

One of the reasons I like diesels is that the fuel can be stored
for long periods. You can't do that with gasoline. So when that
really bad emergency hits you don't have to go looking for fresh
fuel right away.

You can get gas for a gasoline generator from a car, but the
anti-siphoning fillers on newer cars make that hard, and
filling stations have underground tanks which may have been
contaminated by water, and require the power be on to work
their pumps. Diesel can be gotten from any long haul truck,
and their tanks are easier to siphon, or from farm equipment,
or heavy equipment.

A diesel can also run on home heating oil, JP4, kerosene, or
even vegetable oils such as peanut oil, corn oil, or other
cooking oils. They stink a bit, but they work. The diesel also
is usually more fuel efficient, so you don't need so much fuel.
And the diesel is usually more rugged, and usually lasts longer,
than gasoline engines.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3552. Re: 4-5 kw Generator Reco

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: Bud <BudE@earthlink.net>
Message-ID: <3244FBC3.3306@earthlink.net>
Source record: 216333

Before hooking into your house system, you might want to check with your local power company about rules/laws or whatever. I know in this area they are pretty strict about how the cutover is done. I guess they have lost a couple of linemen due to up-line feedback from home brew setups. Could be a serious liability exposure.

73,
--
Bud... KE6DN... Saratoga, Ca.

3553. Help!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: bry@mnsinc.com
Message-ID: <524f6d$4q3@news1.mnsinc.com>
Source record: 216334

Can anyone tell me how to subscribe to various mailing list groups like
qrp-l
boatanchors
youth-hockey
and any other ham ones.
I lost all of that info.

E-mail me please! 73 de AF4K, Bry
==

Brian Carling, AF4K / G3XLQ
bry@mnsinc.com
http://www.mnsinc.com/bry = MEGALIST + HOCKEY + HAM RADIO = Bry's Page!

3554. Re: The final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <524gq8$8eu@news.Hawaii.Edu>
Source record: 216335
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

<carl@ais.net> wrote:
>pacrimgolf@kuentos.guam.net (Jim Kehler) writes:
>>>Phil Karn <karn@qualcomm.com> wrote:

>>> (a bunch of flawlessly correct, calm, sensible statments blowing
>>> holes in EVERY one of Burt's "CW is the best" spiel)

>>Where have we heard all this B4 ?

>If you're alluding that what Phil wrote sounds a lot like the things
>that Gary and I have said about the technical realities of CW vs. modern
>digital modes, I'm flattered ... (I atrongly *suspect* that Gary would
>probably feel likewise, but I'll let him speek for himself on that
>issue.)
>Phil's reputation for technical expertise and excellence is
>well-established both in amateur and commercial circles ... I'd suggest
>you not "fence" with him ... you'll end up a gelding ...
>Carl - wa6vse
(tech+ for 21 years)

What might be true on the drawing board doesn't always occure in practice.
So far, CW still ranks highest when *all* possible variables such as
simplicity of equipment, inexpense, number of users worldwide, performance
versus power, real-time passage of data, bandwidth needed (~500Hz), are
considered. Also, being able to decode xmissions mentally rather than having
to rely on complex equipment is one of the greatest factors to consider.
It's true that CW doesn't lend itself well to passage of large files that
few will ever take the time to read, but that type of data can best be sent
in a much quicker fashion via internet.

Jeff KH2PZ
(abide by the charter - respect the followup line)

3555. Re: the final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <524i59$1du@jupiter.planet.net>
Source record: 216336

> carl@ais.net the engineer who can copy 20wpm vode in his head writes:
>
> There is no such thing as an "infinitly narrow unmodulated carrier" ...
^^^^^^
as opposed to infinitely

> every oscillator has phase noise ... some are quiter than others ...
^^^^^
Carl, freudian slip or is that quieter

>

> Carl - wa6vse
> carl@ais.net

just letting you know that in addition to your personal troll
I now spell check for you. There's nothing greater than
helping the super intellect get things right Or am i just
picking nits

steve the troll

3556. Re: Travel with toys (electronics)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDy5qA6.2Lz@netcom.com>
Source record: 216337
Cross-posted to: rec.travel.air,alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc,rec.aviation.piloting

John Moran (jamoran@indirect.com) wrote:
: has anyone traveled domestically (US) or Internationally with electronic
: equipement and experienced any security delays related to the toys you
: were traveling with.

Last month I traveled to Colorado Springs and St. Petersburg with my 2m and 440 HTs. No problem going out of Ontario or LAX, and the security guy asked me to show that they worked as I left Florida.

Leaving LAX, I did have to open my suitcase when they spotted the coiled cord for my shaver on the x-ray machine. Not a word about the HTs. :-)

A lot of the hams on the QRP-L mailing list take their small HF gear on trips, and I haven't heard any real horror stories.

73 de Jim - KF6CR

3557. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <524ii9$1fj@jupiter.planet.net>
Source record: 216338

> carl@ais.net writes:

> I've often heard various jammers, jerks, and lids (complete with 1X2 or
> 2X1 calls) "doing their thing" and at the same time telling the
> inevitable "channel police" who show up to tell them to shut up and go
> away "I've been a ham for xx years, and I'm an Extra, so why don't you
> damned well go back to CB where you belong?"
>
> I think it's one of the clear proofs that the current class system
> is ill-conceived and does far more harm than good.
>
neat trick. Does your electronic wizardry allow you to prove that the person giving
the 1x2 or 2x1 is the actual holder of the license. You have said yourself nothing is
beneath the HF ilk. Please enlighten all as to how you verify what you've heard
is true and accurate or am i just trolling again???

>
> Duck Gary!!! When I said the same thing, I got seriously flamed as being
> bigoted against extras and scolded for "insulting my betters".

EXCUSE ME??? carl, carl carl...you yourself have typed many many times
that you are better than everyone. what is this, a clinton/dole flip flop???

>
> Carl - wa6vse
> carl@ais.net

BTW, much better spelling
REMOVE THE CURSE AND I GO AWAYYYY

steve

3558. Re: ARRL "Representation" on code and other issues ++

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep22.220829.9615@ke4zv.atl.ga.us>
Source record: 216339
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <523nq1$3fq@news.ais.net> carl@ais.net writes:
>In <1996Sep21.104507.2880@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>>In article <51pf8j$290@news.Hawaii.Edu> jherman@Hawaii.Edu (Jeffrey Herman) writes:
>>>"Aging hello"? Never heard of that before.
>>>KH2PZ
>>
>>Why am I not surprised? Aloha is a channel sharing technique first
>>developed by ARPA in the 1970s, and is used in VHF amateur packet
>>networks. Aloha is a simple technique to implement, but offers only
>>20% of a fully loaded channel's capacity before congestive collapse
>>sets in. It is thus well suited to simple low loading networks, but
>>fails when network loading increases above the critical threshold.
>>
>
>Actually Gary, as I pointed out to Jeff in my reply to his rediculous
>comment, ALOHA was developed at the U of Hawaii and first used to link
>computers between the islands on a UHF link ... seems to me the first
>CPUs were PDP-8s if memory serves me correctly.

Under ARPA contract. That's the way ARPA worked.

And the word is spelled *ridiculous*. You use
it so much you really should learn to spell it
properly.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3559. Re: Datagram vs Connected (was: ARRL "Representation" on code and other issues)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep22.214518.9434@ke4zv.atl.ga.us>
Source record: 216340
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <5227rc$bk8@news1.ucsd.edu> brian@nothing.ucsd.edu (Brian Kantor) writes:
>gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>>VC mode, IE AX25 connected mode, basically duplicates the TCP transport
>>function, and is usually just an undesirable overhead in a network where
>>all switches support TCP/IP.
>
>This is what we thought a few years ago. Unfortunately, we've since
>found out that it isn't true, and the 'connected mode' AX.25 has since
>proven to have advantages over datagram mode even when carrying TCP/IP
>traffic.
>
>The reason is (in hindsight) simple - ALL of the TCP retry algorithms
>are end-to-end, and are nearly ALL predicated on the assumption that the
>network discards IP packets for only one reason: router congestion.
>TCP was simply not designed to efficiently operate in a lossy network.
>
>Were there a reliable datagram version of AX.25, we wouldn't have to use
>connected mode. There isn't.
>
>What is proving to be the better solution now is that point-to-point
>links (i.e., from your home station to the local switch, or station to
>station, or switch-to-switch) operate in a reliable mode - that is,
>connected (or VC - virtual circuit) mode, where the LINK takes care of
>packets lost to collisions, bursts of noise, low-flying ducks,
>whatever. TCP is then able to deal with end to end issues, router
>congestion, and other such problems.
>
>This means that AX.25 links are aggressive in the face of lossy paths
>(which, considering the Bit Error Rate of most ham radio links, is
>nearly ALL paths), and do their damndest to get the IP packets from
>point to point. Our network switches are hardly ever congested, so
>there's very little packet loss for that reason. TCP then has only
>to deal with the occasional dropped or missequenced packet, and the
>gawdawful round trip times that our miserable network makes normal.
>
>The result is a network that works a lot better than when we were
>running straight datagrams all the way.
>
>There's some strong feeling that using PPP to frame the IP going over
>the connected-mode links would be an improvement - the headers aren't
>large and would contribute little overhead, and some of the option
>negotiation (including compression) would be a win. It's being

>experimented with now and maybe we'll see some results soon.
> - Brian

I hear what you're saying, Brian. But ARQ is a *backup* procedure, and like any backup procedure, you hope you never need it, and do everything you can to avoid needing it. Those "aggressive" VC link retries just clog the channel. The better solution is to deal with the underlying physical layer problem.

That can take many forms. Better RF path engineering is one way. Revising the network topology so that the CS in CSMA can really work is another, IE get rid of the hidden terminals. Better signal design is another, as is use of FEC in the physical layer modem. Etc. Just hammering the channel with retries isn't a good solution. It just causes problems for everyone else.

And if you get retries on a hop, TCP will likely time out and retry too, and that'll wind up at the node doing the link level retries and be retried too, etc, until you have a packet storm on your hands. Ugly.

Now hop by hop acknowledgements have a value, if every hop is a contending one. But that's a bad network topology. A better topology has the network trunks above the LAN level be non-contending point to point links.

Hop by hop acknowledgements could have another value if they were communicated to the network as a measure of link quality, however. That way the network routers could divert packets around that faulty path and flag it for maintenence attention. (Netrom addresses this issue after a fashion.)

I realize that VC can make some systems "work", but it doesn't make them work *well*. It's like putting a bandaid over a skin cancer. It masks the problem, but it doesn't solve it. It's a kludge, and an ugly one. Mode VC retries remind me of the slogan over the workbench which reads, "Why is there never time to do the job right, but always time to do it over?"

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
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Lawrenceville, GA 30244 | |

3560. IPS Daily Report - 22 September 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <524i1b$lk0@flare.syd.ips.oz.au>
Source record: 216341
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 22/2330Z SEPTEMBER 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE AUSTRALIAN SPACE FORECAST CENTRE
SUMMARY FOR 22 SEPTEMBER AND FORECAST FOR 23 SEPTEMBER - 25 SEPTEMBER

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 69/3

GOES satellite data for 21 Sep
Daily Proton Fluence >1 MeV: 3.8E+06
Daily Proton Fluence >10 MeV: 1.8E+04
Daily Electron Fluence >2 MeV: 6.6E+08 (high)
X-ray background: A1.7
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
23 Sep 24 Sep 25 Sep
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 23 Sep: 69/3

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Active to minor storm

Estimated Indices : A K Observed A Index 21 Sep
Learmonth 21 3343 5423
Fredericksburg 21 24
Planetary 20 24

Observed Kp for 21 Sep: 5544 3433

2B. MAGNETIC FORECAST
Date Ap Conditions
23 Sep 25 Unsettled to active, with the chance of minor
storm periods.
24 Sep 20 Unsettled to active, with the chance of minor
storm periods.
25 Sep 20 Unsettled to active, with the chance of minor
storm periods.
COMMENT: IPS Geomagnetic Warning 10 was issued on 19 September

and is current for interval 23-26 September. A geomagnetic disturbance
alert was issued at 2204 UT on 22 September for K = 5 during
the period 12 - 15 UT, 22 September.

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band
Date Low Middle High
22 Sep Fair Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
23 Sep Fair Normal Fair
24 Sep Fair Normal Fair
25 Sep Fair Normal Fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
22 Sep 1

Observed Australian Regional MUFs:
Darwin: Depressed up to 20% for the period 00-09UT,
otherwise near predicted monthly values.
Townsville, Sydney and Hobart: Near predicted monthly values,
with some spread F observed during local night at Hobart.

Predicted Monthly T index for September: 9

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
23 Sep 0 Depressed 10-30% during local day for extreme
northern and southern Australian regions, otherwise
near predicted monthly values.
24 Sep 0 Depressed 10-30% during local day for extreme
northern and southern Australian regions, otherwise
near predicted monthly values.
25 Sep 9 near predicted monthly values

--
IPS Radio and Space Services | email: asfc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/asfc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
tel: +61 2 94148300 | fax: +61 2 94148331

3561. Re: Amateur radio Licensing Class

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: Thomas Foster <tlfoster@ix.netcom.com>
Message-ID: <3245FBCB.226F@ix.netcom.com>
Source record: 216342

Jim Vecchiola wrote:
>
> Our ham radio group, the South Jersey Radio Association, is planning on
> conducting a Novice/Tech-Plus class this fall and winter. I wonder if any
> hams out there are aware of or have used any shareware for code instruction
> and practice. We have a number of programs available, but they are not
> considered shareware. We would like to make copies on disk to give to each
> class member to study code our their own.
>
> Any comments? Please reply here on the newsgroup.
>
> 73
>
> KR2T

Jim,

Try my Shareware Morse Code program, International Morse Code Processor
(IMCPW311.ZIP), at

http://www.simtel.net/pub/simtelnet/win3/ham/imcpw311.zip

Below are its major features:

Morse code tutor for Windows 3.1 & Windows 95. Excellent for learning
and maintaining one's Morse code skills. Provides code speed of 3-50 wpm
and character speed of 10-50 wpm for Farnsworth code. Includes
comprehensive help facility, main menu and popup menu, and eleven code
practice lessons. Fully customizable from the Options menu. Sound card
not required. Requires 692K of free hard disk.

73,
Lindsay
WA4ISZ

3562. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <524k8o$p2@anomaly.ideamation.com>
Source record: 216343
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <charles1Dy54t8.1DH@netcom.com>,
charles copeland <charles1@netcom.com> wrote:

>Gee, you try to find one bad line in Gary's great post, and you screw
>that up. Notice "arbitrary"? My dictionary states "based on preference
>rather than necessity". A written test is a necessity for safety.

A written test is only necessary for safety because you >think< it is.
It would be just as easy to put a guide on safety in with every radio
sold, and leave it at that. I seem to recall that all CB rigs had a
section on safety in their manuals.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

3563. Ohio/Penn DX Bulletin #271

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: kb8nw@barf80.nshore.org
Message-ID: <$opdx.271.1996@ampr.org>
Source record: 216344
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.radio.amateur.dx

SB DX @ WW $OPDX.271
Ohio/Penn DX Bulletin No. 271

The Ohio/Penn Dx PacketCluster
DX Bulletin No. 271
BID: $OPDX.271
September 23, 1996
Editor Tedd Mirgliotta, KB8NW
Provided by BARF-80 BBS Cleveland, Ohio
Online at 216-237-8208 14400/9600/2400/1200/300 8/N/1

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, AD1C, K2YJL, KA2AEV, N3ADL, KJ4VH, W5IJU & Island News, KF7AY, W8KKF, W9JOO, CT1EEB, DL2GGA, DJ8WL, G4BUE & the DX News Sheet, IK1DPA, ON6TT and VE2ZP/VE9CB following DX information.

1S, SPRATLY ISLANDS. Jaan, 9M2JJ, has obtained permission to be active from Pulau Layang. The Spratly Islands have been claimed by several countries, but Jaan has receive permission from the Malaysian authorities who want to issue a 9M6 callsign instead of the traditional 9M0 callsign. Jaan has refiled another application, but with reference to the previous 9M0A and 9M0S operations and is awaiting a reply.

3V, TUNISIA. Be looking for Peter, OK1CZ, this week to be active as 3V8BB until October 1st. Operations will be on all bands, but mostly CW. He will try working on 160 meters (conditions permitting) on 1826 and 1828 kHz. Also check 6 meters on 50.120 MHz and 2 meters on 144.050 MHz. QSL to CBA.

5X, UGANDA (More News). Peter, ON6TT/5X1T, reports Gus, 5X1D, has been active on 160 meters on 1823 kHz between 0230z and 0330z (with 100w only). Peter mentions his famuous low band antenna is still blocked in Burundi due to the economical embargo. He will try to work stateside this week on 40 meter SSB, up to 0000z. Peter requests that North America stations listen from time to time in the Region 1 SSB-band (7040-7080 appr.). He also states that the 40 meters paths to the U.S. from 5X are terrific both ways.

CANADIAN SPECIAL PREFIXES. On 13 September 1996, Industry Canada authorised all Canadian Amateurs to use special prefixes to commemmorate the 60th anniversary of the Canadian Broadcasting Corporation (CBC). The CBC was founded by an act of the Federal Parliament on November 2, 1936. From 0000z October 26th until 2359z December 29, 1996, Canadian Amateurs may use the following special prefixes in place of their regular prefixes

(Regular Prefix/Special Prefix): VA2/XM2, VA3/CJ3, VA7/VX7, VE1/CG1, VE2/CI2, VE3/CI3, VE4/XL4, VE5/XM5, VE6/VA6, VE7/XK7, VE8/CH8, VE9/VB9, VO1/XO3, VO2/CZ6, VY1/CK5 and VY2/XN2

CHANGE OF ADDRESS. Terry Long, W9JOO, of "Island Hopper" reports his bulletin has a change of address: 420 W. Adams St., Roann, IN 46974 Phone Number/FAX: 317 833-6800 E-MAIL: qrziota@netusa1.net Also, free copies of "Island Hopper" are still available if you E-mail Terry a message with your callsign and mailing address.

C6, BAHAMAS. John, K3TEJ, and Ed, WA3WSJ, plan to operate in the CQWW CW contest (November 23-24th) from Abaco Island (IOTA NA-80). QSL via K3TEJ.

CN, MOROCCO. Andy, DL2GGA, will be here October 15-24th, and plans to be active from the club station CN8MC (but probably using his own CN callsign which has not been issued yet). He will try to be active on all HF bands, CW exclusively. Andy states he doesn't know about CN8MC's antennas for 80 and 160 meters, but he will announce any activities on these bands during daytime operations. Listen up and KYFC. QSL via DL2GGA bureau is preferred; urgent requests via CBA 95/96. Please allow some time for designing and printing the QSLs (at least 2 months).

KC6, BELAU. The "Island News" reports Paul, LX2AA, will be active in the CQWW SSB Contest as KC6GB (or T82AA), and possibly just as T88A from Helen Reef in Palau's southwest islands (possibly a new IOTA reference). QSL via CBA.

OOPS DEPARTMENT..... There is a correction to OPDX.270. Under the heading J3, GRENADA (Need another operator), the QSL information was incorrect. QSL J3A via WA8LOW (not WA8YOW). Special thanks to Harry, W8KKF, for letting OPDX know.....

PJ9, NETHERLANDS ATILLIES. Joe, K2YJL, and XYL Lynn, KE4WDZ, will be vacationing on Bonaire from October 4-8th. They expect to be active in the Ibero-Americana Contest on October 5-6th. Their efforts will be limited to 10 meters only with an HR-2510 feeding a extended double zepp. They will be using PJ9/K2YJL and possibly a PJ9 callsign for the contest.

SPECIAL EVENT STATIONS.....
From now until September 29th, look for special event station IY1EY to qualify for the "Loano Elettra Award" to celebrate Marconi's radioeletric experiments on the Elettra Ship from 1919 to 1936 in the Ligurian Sea. The special prefix IY1EY will be active on all modes (CW/SSB/RTTY) and bands. To receive a special QSL card reproducing Marconi's legendary boat "Elettra", QSL via IK1QBT.

The special event station CS5P will be active from the October 5-7th, on 80-10 meters. Operators will be CT1EXE, CT1EZI and CT1AXS. The station will be active to comemorate the day of The Portuguese Republic implantation. QSL to CT1AXS.

V2, ANTIGUA. Team Antigua is once again pleased to announce that it will be activating V26B in the upcoming CQWW SSB Contest in late October, 1996. They will be entering the contest as a Multi-Operator/Multi-transmitter catagory from the Beautiful Island Paradise called Antigua (Grid Square FK-97 -- IOTA NA-100). In addition, the Team would also like to announce that both the 5 band and 6 band "Certificates of Appreciation" will be available once again for the 1996 operation. To qualify for these special "Certificates of Appreciation", all you have to do is work V26B during the CQWW SSB Contest period on either 5 bands, or to receive the Special Certificate of Appreciation, 6 bands! Members of Team Antigua will also make special attempts to be active on the WARC Bands, RTTY, 160 meters, as well as some Satellites! The Members of Team Antigua and their QSL routes are as follows:
V26AK via Tony, WB2P : V26RN via Bob, KR2J
V26B via Sam, WT3Q : V26T via Dick, K3MQH
V26DX via Doug, KK3S : V26TS via Tyler, KF3P
V26E via Darrell, AB2E : V26U via Bill, WA2UDT
V26R via Mike, KA2AEV

Team Antigua would also like to welcome a new addition to its family, Charlie Harpole, K4VUD. Please QSL Charlie's future V2 call via his home call, K4VUD. Also, "Team Antigua" is pleased to announce the new address for their WWW page. The URL is:
http://www.frc.contest.org/v26b.html

XZ, MYANMAR. For those who are not on the "OPDX InterNet Subscribers Mailing List", Warren Hill, KF7AY, has announced in a press release that XZ1N will be active in November (The complete press release was sent to all subscribers!). Excerpts from the release state: "Thanks to the continuing efforts of several dedicated members of the DX community, the door to amateur radio in the Union of Myanmar has been re-opened! The stage is now set for a well organized, large-scale operation by members of the Central Arizona DX Association from November 16-25, 1996. This will be an all-mode operation and will even feature a special event station during the official opening ceremonies of "Visit Myanmar Year, 1996." Participants to be: AB6ZV, AA7WP, JA1BK, K5VT, KC5AYR, N6BT, WA6CDR, KF7AY, N7NG, N7WTU, NZ7E, OH2BH, WA7LNW and WY7K. Each operator brings unique skills to make this operation top notch. This activity has the approval of the Myanmar government at the highest levels and will conclude with a special multi-multi entry in the CQ World-Wide CW DX Contest. This week of intense activity from this extremely rare location will be a wonderful opportunity for everyone to work XZ in many ways! The crew will operate three Yaesu FT-1000MP's plus Alpha linears to monoband yagis at above 80 feet and various special low band antennas from the New World Inya Lake Hotel on the outskirts of the capital city of Yangon (96 deg 17 min E 16 deg 78 min N) formerly known as Rangoon. The main mode of operation will be CW, but there will also be extensive RTTY and SSB activity. Look for this team on the usual DX calling frequencies."
For more detailed information, you are invited to visit the XZ1N InterNet WEB site located at: http://www.getnet.com/~kf7ay/myanmar.html
Meanwhile, a later report indicates Martti, OH2BH, was in Myanamr

over the past weekend and was active as XZ2BH on 40 meters CW around 1800z. QSL via Martti's NEW address: Martti Laine, Nuottaniementie 3D20, 02230 Espoo, FINLAND

YK, SYRIA. Begin looking for YK1B next weekend to be activated by a large German group starting September 28th and ending October 7th. Details on this operation are very slim, but it was reported that this group will put an emphasis on 160 meters beginning on September 30th. QSLs to be sent via DL8HCZ.

-=-

OPDX INTERNET SUBSCRIBE/UNSUBSCRIBE REQUEST: opdx-request@nshore.org
OPDX WORLD-WIDE WEB HOME (provided by John, K8YSE):
http://www.en.com/users/k8yse/opdx.html

-=-

Excerpts and distribution of The OPDX Bulletin are granted as long as KB8NW/OPDX/BARF80 receive credit. To contribute DX info, call BARF-80 BBS online at 216-237-8208 14400/9600/2400/1200/300 and leave a message with the Sysop or send InterNet Mail to one of the two following addresses: kb8nw@barf80.nshore.org -or- aq474@cleveland.freenet.edu
- OR - Send a message via packet to KB8NW @ WA8BXN.OH.USA.NA
- OR - Use the VOICE or FAX answering machine at 216-237-8208 which shares the same phone line as BARF-80 BBS using a data/fax/phone switch. To access: 1) Dial Number. 2) Wait for first ring (the second ring should be a false ring from the fax/data switch box) and then dial four quick ones ("1111"). (NOTE: Some FAX machines that send single "BEEPS" every second will not have to do this step.) 3) The phone will pick up and after the "BEEP" leave your voice message or FAX.

/EXIT

Tedd Mirgliotta KB8NW
InterNet: kb8nw@barf80.nshore.org
Basic Amateur Radio Frequency BBS (BARF-80) +1 216/237-8208
"Totally devoted to Amateur Radio" - 24 Hrs a day 8/N/1 14.4k-300 baud

3564. What's the best study book for no-code?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: clint.bradford@atdbbs.com
Message-ID: <9609221119434075@atdbbs.com>
Source record: 216345

>>I think I remember one by the ARRL called "Now You're Talking". Is
>>that a complete self-contained book that she could use to get her
>>no-code, for starter s & get on the air?

Absolutely!

3565. Re: WTB or locate: Wen soldering gun tips

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: jcupples@iphase.com
Message-ID: <jcupples-2209962309580001@208.194.218.17>
Source record: 216346
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

In article <520qo3$e4l@nxgen.webbernet.net>, frodo@webbernet.net wrote:

> The tip of a WEN is Iron not Copper. Test it with a magnet.
>
> I think the tips are still available but under another brand name.
>
> Try Rat Shack, but test them with a magnet. Weller is the other brand
> that uses a Copper tip.
>
> Jay Farnham (Frodo@Webbernet.net)

All decent solder tips will be plated or clad with iron. Iron is insoluble in tin, copper will quickly dissolve when the iron wears away. So far as I know, virtually all tips will be copper base (conducts the heat) with iron cladding, then plated with nickel to permit tinning.

As far as the Wen tips, I'm not familiar with them, but there is a company called Plato who makes good tips for many types of irons. Check out:
http://www.marshall.com/pub/plx/sold/pgplx01a.htm
Marshall Industries is a good source for electronics production supplies, they will take a credit card order. OTOH, I have an almost unreasonable aversion to Radio Shack, myself.

73

Jerry Cupples
KC5SXA

3566. Aircraft Odd Radio Noise

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: Mark Matthews <hflyer@exit109.com>
Message-ID: <3245A246.56C8@exit109.com>
Source record: 216347

I have a problem I own a 1968 Cherokee Six PA32-300 we have noise in the Airplane we
picked up. We have Pronouced "Click" we hear every few seconds at regular intervals.
It can be heard by the Nav/Com or DME Radios when everything is turned off but them and
it seems to be only occuring in the Air. Mostly Radio frequencies that end in .00;
.25; .50; or .75 seems to have the problem. I have King Nav/Coms and a Narco DME which I just got back from Narco trying to cure the problem.
Any and all Help would be appreciated.
Mark Matthews
hflyer@exit109.com
Any and all help and suggestions would be appreciated.

3567. Re: Alpha Bravo phonetics: the quickie version

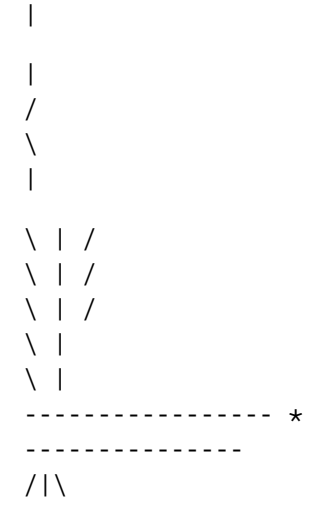
Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: Gareth Crispell <gareth@capecod.net>
Message-ID: <R.3244FA61.1F7A@capecod.net>
Source record: 216348
Cross-posted to: alt.usage.english,sci.lang,rec.radio.amateur.misc

Reposting article removed by rogue canceller.

Larry Krakauer wrote:
>
> Fritz Whittington wrote:
>
> : > Why did we change from the Able, baker, charlie, etc. to
> : > Alpha, bravo, charlie, etc.
>
> : Quebec is pronounced as KAY-bec, which seems like a bad choice,
> : since it starts with a sound that suggests the letter "K".
> : However, there just aren't many good choices for "Q", and at
> : least the city and province are well-known. In quite a few
> : other languages, the sound associated with "Q" is more often
> : like "K".
>
> Quebec is pronounced (roughly) kay-bec in *French*, but it's usually
> pronounced kwe-bec in *English*. It would seem better to have chosen
> a word without this ambiguity, such as queen.
>
> --
> Larry Krakauer (larryk@kronos.com)

I agree. Also, I think sugar is a better choice for "s". For non english
speaking people, the present "correct" phonetic can be confused for a
"c".

N1MSV
--



.....at the dawn of the New Age of Man, / | \
they will abide with us. / | \
Their glory and fire will burn like / | \
sparks among the stubble! / | \
| \
Gareth
/ | \
| \

3568. Re: CB linear amps 4 Sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: T E I X E I R A <teixeira@ccnet.com>
Message-ID: <523t3n$21c@ccnet2.ccnet.com>
Source record: 216349
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.cb,rec.radio.swap,rec.radio.amateur.misc,alt.2600

>>Ron Katz wrote:

>>> HAY! Brand new CB linear amps in box & warrenty.
>>> 100 watt $100.00
>>> 300 watt $150.00
>>> 600 watt $300.00
>>> 1000 watt $500.00
>>> 2000 watt $700.00
>>> 5000 watt enquire
>>> CB radios all kinds $35 & up
>>> email me for a full catalogue of radio stuff.
>>I am interested. Please mail me a list!!!!!!!! Do you have mobile
>>antennas also?????????
>>BGV

Still think unlicensed people should be able to buy transmitters??????

DT AC6TG

3569. Radio interview for CHUO FM Ottawa

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: robbie@cyberus.ca
Message-ID: <523u84$q6q@cybernews.cyberus.ca>
Source record: 216350

I have a "regular" segment on CHUO FM 89.1 U of Ottawa Community Radio
that features a focus on leisure activities people indulge in. I
would like to interview people who are into amateur radio. My show
will be about 15 mins, including a short interview. If your in the
Ottawa area, would you like to further your hobby and volunteer for an
interview? I'd like to interview people that have something a little
out of the ordinary to speak-on...something that our listeners would
find amusing. If you send in some text, instead of an interview, I'm
sure I might make use of your material. It's fun, I have fun
volunteering for this, and others would be interested in hearing what
you have to say. Please e-mail me at robbie@cyberus.ca
Thanks!, and hope to hear from you!
Robbie (ve3zzr)

3570. HOW TO GO FROM 30 --->40+ WPM ON CW?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: johngk@iglou.com
Message-ID: <DyBIHo.JI8@iglou.com>
Source record: 216351

I seem to have hit a wall here at 30 WPM (conversational).
I have the world's worst antenna system and use CW 80%
of the time just to communicate. Any Ideas on
how to move "to the next level"?
Thanks
john

John G.Kammlade
KT4QD

3571. nj club

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: drsdo@ix.netcom.com
Message-ID: <5223d3$goo@dfw-ixnews2.ix.netcom.com>
Source record: 216477

Am looking for information/contact person for Ocean/Monmouth Radio Club in the Jersey Shore area. Am moving to area in a few weeks. Any info would be appreciated. Thanks. Steve, WO9L drsdo@ix.netcom.com

3572. Re: Morse Code again (was Re: re: do we build? was(re: arrl survey ignores 7 of 8 wrc-99 issues!)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <52264h$21q@jupiter.planet.net>
Source record: 216478

> orion@capital.net writes:

> Well said, Carl. I agree 100%. The trouble is though, things will
> never change as long as the CW loving ARRL is running the show.BTW, I
> resigned from that lofty organization last year just because of their
> assinine stand on code requirements. And for the "Try CW, You'll
> learn to love it!" group, I say "Nuts to you." I worked on that damn
> Morse Code until it made me sick. It's still just noise to me. Now I'm
> forever locked out of the HF spectrum because of this discriminatory
> rule.
> Butch N2YMJ

just another licensee who knew the score going into the game
and comes out crying "I can't work HF boo hoo. It's unfair
boo hoo it's discriminatory boo hoo boo hoo

I don't remember Butch, when were you forced to take a test to
be an amateur operator??? did the police come to your home
or pull you out of work??? Did you take the test knowing the
that you would be a non code tech or did you try for the novice
ticket and then ended up with the non code license??? Your answer
makes a big difference to the above. If you went for the non code, then
you knew EXACTLY what you were getting and now that you did you
decide to join CARL and his ham radio welfare state??? shame shame

just remember 5wpm is no code

Carl's troll - Steve KF2TI

3573. Datagram vs Connected (was: ARRL "Representation" on code and other issues)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: brian@nothing.ucsd.edu
Message-ID: <5227rc$bk8@news1.ucsd.edu>
Source record: 216479
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>VC mode, IE AX25 connected mode, basically duplicates the TCP transport
>function, and is usually just an undesirable overhead in a network where
>all switches support TCP/IP.

This is what we thought a few years ago. Unfortunately, we've since found out that it isn't true, and the 'connected mode' AX.25 has since proven to have advantages over datagram mode even when carrying TCP/IP traffic.

The reason is (in hindsight) simple - ALL of the TCP retry algorithms are end-to-end, and are nearly ALL predicated on the assumption that the network discards IP packets for only one reason: router congestion. TCP was simply not designed to efficiently operate in a lossy network.

Were there a reliable datagram version of AX.25, we wouldn't have to use connected mode. There isn't.

What is proving to be the better solution now is that point-to-point links (i.e., from your home station to the local switch, or station to station, or switch-to-switch) operate in a reliable mode - that is, connected (or VC - virtual circuit) mode, where the LINK takes care of packets lost to collisions, bursts of noise, low-flying ducks, whatever. TCP is then able to deal with end to end issues, router congestion, and other such problems.

This means that AX.25 links are aggressive in the face of lossy paths (which, considering the Bit Error Rate of most ham radio links, is nearly ALL paths), and do their damndest to get the IP packets from point to point. Our network switches are hardly ever congested, so there's very little packet loss for that reason. TCP then has only to deal with the occasional dropped or missequenced packet, and the gawdawful round trip times that our miserable network makes normal.

The result is a network that works a lot better than when we were running straight datagrams all the way.

There's some strong feeling that using PPP to frame the IP going over the connected-mode links would be an improvement - the headers aren't large and would contribute little overhead, and some of the option negotiation (including compression) would be a win. It's being experimented with now and maybe we'll see some results soon.
- Brian

3574. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep22.012958.5716@ke4zv.atl.ga.us>
Source record: 216480
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <51kigl$ojq@krypto.zippo.com> cecilp@magic.bunt.com (Paul Cecil) writes:
>That to me is what the Code is all about, a hurdle over which the lazy
>can not pass. Only those who are willing to put forth the effort
>should become hams. If we take away the a Code then we need to replace
>it with another hurdle.

It isn't the government's legitimate place to erect arbitrary hurdles so that you can satisfy some hair shirt religionist work ethic. The government's legitimate concern is that we know what we need to know to operate safely and without causing harm to others. They rightly should not care how hard we "work" to satisfy those concerns. All that they should care about are results. And that's exactly as it should be. How hard one must work to meet amateur testing requirements should be irrelevant. Either you know what must be known, or you don't, and how hard you worked in the process doesn't matter.

Your fasination with "effort" is a basically religous concept of "earning salvation", but the Bible tells us you can't earn salvation, it can only be obtained through grace. Work for work's sake is valueless. Only results count. The management school credo today is "working smarter, not harder", and it is the path to success in any field. The ditch digger works *hard*, but the backhoe operator works smarter, and gets more done by the end of the day. Should he receive a lesser reward because he doesn't work as hard as the ditch digger? I would hope not.

Labor for labor's sake has no value. We sentence criminals to "hard labor", but that is out of vengence and not out of any real hope that good will come of it.

Some of the hardest working folks I know are bootleg CBers. They expend tons of "effort" hauling buckets of salt water in which to dip their ground leads, spend hours trimming the length of their coax for "best SWR", and other equally inane things. They work feverishly, but foolishly. They work *hard*, but their work is to no good purpose. Is that the sort of person you want in amateur radio, someone who will work very very hard, but accomplish very very little of any value because their *effort* is misdirected toward the wrong goal?

That's what the Morse test represents, a lot of expended effort to very little good purpose. There is simply no documented problem in regard to low Morse speeds on the air. If the government doesn't think low Morse speed merits enforcement action, why should it merit a test?

>Lastly, let remind all that a far greater threat lies over our
>"Hobby", and that is our own goverment. It needs money and is looking
>at all ways to get it. Even now pressure is being applied to sell our
>portions of the radio spectrum. Remember: UNITED WE STAND.

Remember more importantly that politicians count noses. In politics only two things count, money to buy votes, and grassroots numbers of one issue voters. Amateurs don't have that much lobbying money (though we should, where's the PAC ARRL?), so we darn sure better have the grassroots numbers if we want to protect our spectrum.

We may not care for CBers, and the government certainly wishes that they would go away, but do you really think the government would seriously consider reclaiming 27 MHz from several million CBers? Of course not. Politicians can count. Now we don't want amateur radio to become just a big CB band, but at the same time we don't want to be putting irrelevant makework hurdles in the path of those we would like to recruit into amateur radio.

Morse testing isn't what keeps amateur radio from becoming CB. *We* keep amateur radio from becoming CB, every day by the way we behave on the air and by the way we insist others behave on the air, most importantly by insisting that they tell us their true names.

CB is the way it is mainly because it is anonymous. Like members of a masked mob, CBers can act out their darkest fantasies on the air with little concern that they will be recognized. And it is socially acceptable for them to remain anonymous on CB. It is not acceptable in amateur radio, and that's the major difference between the services in regard to behavior. Amateurs are proud of their true names, and announce them frequently to the world, and insist those with which they talk do likewise. One of the few redeeming features of the postal card trading game is that it requires amateurs to furnish their names and addresses to those they contact.

>Let me end with these final thoughts::
>Robert Heinlein in his novel "Starship Troopers" said this -
>The American Constitution guarantees you the right to the pursuit of
>happiness, but no where does it guarantee you the right to succeed in
>your pursuit of it.

Right, no matter how hard you "work" or what arbitrary hurdles you may leap. If your energies are squandered toward irrelevant tasks, you won't be successful.

>And somewhere I remember being told that "that which is not earned but
>given freely away has no value."

The only things of real value are freely given, love, compassion, and understanding. (See, I can be just as sappy as you can.)

Remember that a license is a tool, and it is what the tool allows you to accomplish, today and tommorrow, that gives it value. What you did once to get it is irrelevant. A license is not a dusty trophy on a shelf, a rememberance of efforts once expended. It is a clean bright sharp tool that you use every day. Because it is a good tool, you take care of it and don't allow it to get rusty or dull. What it cost you once is unimportant, what it allows you to do today and tommorrow is.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3575. Re: WTB: Videocipher II decoders...

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: Robert Bennett <rbennett@northernway.net>
Message-ID: <5228bs$6vm@herald.concentric.net>
Source record: 216481
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

vgrajeda@morelia.teesa.com wrote:
>I need to buy 250 vcII decoders,
>I pay $ 35 for a 010,018
> $ 20 for a 032
> $ 10 for a "dead" vcII
> $ 40 for a "dead" vcII plus/RS
>If You have one or more, let me know...
>Thanks...

I've got lots of them ....Just collecting dust.... But I've got to ask
you why.... it couldn't be for the video only??????????!!!!

Bob

3576. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <522ejk$3fl@anomaly.ideamation.com>
Source record: 216482
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <1996Sep22.012958.5716@ke4zv.atl.ga.us>,

>It isn't the government's legitimate place to erect arbitrary hurdles

Yeah. Like those nasty theory exams, huh? Just think of all the amateurs
we would have if they didn't have to take tests first.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

3577. Re: BULLETIN: 14 Year Old Sailor Not Heard in 3 Weeks

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep22.034204.6164@ke4zv.atl.ga.us>
Source record: 216483

In article <51qboc$ag0@dublin.bitwise.net> Gareth Crispell <stranger@ccsnet.com> writes:
> (If a child hasn't been broken to harness
>>by age 12, he probably never can be fully civilized, and should
>>probably be put down like any other ungovernable creature.)
>
>WoW! Seems a tad harsh to me. Before we begin the mass extermination of
>our children with behavioral problems, maybe a wee bit of psycotherapy
>would be in order.

If psychotherapy had a track record better than placebo, it might be worth a shot. But it doesn't. Electroshock or lobotomy can sometimes be useful tools to curb anti-social behavior, but the victim, err patient, usually isn't much good for anything after the treatment.

There are some promising psychoactive drugs becoming available which appear to really help some conditions, so we shouldn't give up hope that there may someday be real ways to deal with these problems. But a psychopath on drugs is a ticking time bomb. If he misses his medication just once, he could explode.

For now at least, if you can't reach a kid in twelve years, it's time to cut your losses before he terrorizes respectable society and all of us have to pay the costs. You could cage him like the vicious animal that he is for the rest of his life, but that wouldn't be humane. It's kinder to put him down.

We acknowledge the necessity of this with other ungovernable animals, but we get squeamish when those animals are our children. While that is understandable, it isn't reasonable.

Note: I'm certainly not advocating that we take our unruly kids out in the backyard and shoot them. We need to be sure everything possible is done to treat them first, and we shouldn't depend on just our judgement as to what should be done. But bad dogs only get one bite.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3578. Re: ICOM 735 Computer Control Info

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: scederas@intercenter.net
Message-ID: <3244c925.935929@news.intercenter.net>
Source record: 216484

JULY 1992 QST Page 37 Complete instructions on building a low
cost computer interface for IC-735 and other Icom rigs.

On Fri, 20 Sep 1996 13:37:23 +0000, "Gary R. Heagle"
<heagle@sympatico.ca> wrote:

>Would anyone out there have info on the computer control commands,
>etc. for the ICOM 735 HF rig? Either a document, file, references to
>magazine articles, etc., would be greatly appreciated.
>
>An E-mail reply to heagle@Sympatico.ca would be fine.
>
>Thanks and 73,
>Gary

3579. Re: Alpha Bravo phonetics: the quickie version

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: Gareth Crispell <gareth@capecod.net>
Message-ID: <3244FA61.1F7A@capecod.net>
Source record: 216485
Cross-posted to: alt.usage.english,sci.lang,rec.radio.amateur.misc

```
Larry Krakauer wrote:
>
> Fritz Whittington wrote:
>
> : > Why did we change from the Able, baker, charlie, etc. to
> : > Alpha, bravo, charlie, etc.
>
> : Quebec is pronounced as KAY-bec, which seems like a bad choice,
> : since it starts with a sound that suggests the letter "K".
> : However, there just aren't many good choices for "Q", and at
> : least the city and province are well-known. In quite a few
> : other languages, the sound associated with "Q" is more often
> : like "K".
>
> Quebec is pronounced (roughly) kay-bec in *French*, but it's usually
> pronounced kwe-bec in *English*. It would seem better to have chosen
> a word without this ambiguity, such as queen.
>
> --
> Larry Krakauer (larryk@kronos.com)

I agree. Also, I think sugar is a better choice for "s". For non english
speaking people, the present "correct" phonetic can be confused for a
"c".

N1MSV
--

|

|
/
\
|

\ | /
\ | /
\ | /
\ |
\ |
----------------- *
---------------
/|\
.....at the dawn of the New Age of Man, / | \
they will abide with us. / | \
```

Their glory and fire will burn like / | \
sparks among the stubble! / | \
| \
Gareth
/ | \
| \

3580. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep22.050713.6533@ke4zv.atl.ga.us>
Source record: 216486
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <51l93n$fgh@news.Hawaii.Edu> jherman@Hawaii.Edu (Jeffrey Herman) writes:
>Michael P. Deignan <kd1hz@anomaly.ideamation.com> wrote:
>><carl@ais.net> wrote:
>
>>>SSB is NOT dead ... just middle-aged ... CW, on the other hand is
>>>positively fossilized ..
>
>>Given that one is, at best, only a few years younger than the other,
>>methinks that your statement is biased from your own inherent dislikes.
>
>Actually Mike, SSB was in use on the transoceanic telephone lines as
>early as 1915 (recall the thread from several months ago). CW didn't
>get going until the early 20s.

If you're going to count wireline usage, then you've got to roll
CW back to 1837. Switched DC is continous wave (of zero frequency
of course). That sort of comparison is absurd. What we need to look
at, if we really care, is when the technology came into widespread
use on the air. CW came into widespread use in the 20s, and SSB came
into widespread use in the 50s.

More to the point, however, every form of radio today is CW. We
don't use damped waves for voice transmission or data transmission
either. What we're really talking about here is OOK Morse, and that
does date back to 1837. And we can then count SSB as a modulation
method which dates from 1915.

Even more to the point, the communications world is abandoning
OOK Morse wholesale in the 90s (actually, except for specialized
niches maintained mostly artificially by regulations, that trend
started in the 40s when most radio services started switching from
OOK Morse to voice and teleprinter), but the world is not yet
abandoning SSB.

>Lots of things that we still use today are much older than CW such as
>lightbulbs, telephones, automobiles, and airplanes.

Yep, but we don't see the world outside amateur radio abandoning
any of *those* things. When everyone else is out of step but you,
it might be time to review your cadence.

Unless you believe the rest of the communications world consists
only of idiots, and you are the only remaining defender of the
true faith, you have to consider that there may be good reason
to abandon CW, or more precisely, manual OOK Morse. And indeed

there is. Other methods can work at lower SNR, other methods have higher throughput and are error free, other methods don't get tired or sleepy, and other methods require less burdensome and time consuming operator conditioning to function.

Against that, you can only offer that OOK Morse transmitters are simple. Modern VLSI electronics has made that a moot point, and a FSK transmitter is basically identical to a OOK Morse transmitter anyway. If you can build one, you can build the other.

But, you say, you need an encoder and decoder to do FSK. Yes, you do, but you also need one to do manual OOK Morse. The difference is, almost anyone can learn to understand precisely how the FSK encoder and decoder work, but no one really understands how the OOK Morse encoder and decoder work. It's a black box, an unknown quantity, of extremely variable performance and dubious reliability. The specifications for the device are not consistent, there's no way to reliably calculate MTBF, no way to reliably determine system Eb/No or consistent throughput or error rates under specified conditions. Etc. It is a troublesome and inefficient part, which takes a long time to produce ready for shipment to the customer. It would be best if it were designed out of the system.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3581. Re: the final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep22.053835.6698@ke4zv.atl.ga.us>
Source record: 216487
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <51sqbb$5aa@news.ais.net> carl@ais.net writes:
>In <1996Sep19.172102.9160@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>>In article <51nj0l$6jd@news.ais.net> carl@ais.net writes:
>>>In <323C7064.2A60379E@cyclades.com>, "Paul Christenson [N3EOP]" <paulc@cyclades.com>
writes:
>>>>Tim wrote:
>>>>> Wrong, The code can be heard farther than ANY other means of
>>>>> communication with the least power.
>>>>
>>>>Nope. Wrong. Incorrect. An unmodulated carrier (a beacon) has that
>>>>distinction. Once you modulate it, it increases the bandwidth (i.e.
>>>>power needed). Of course, the amount of information it can carry is
>>>>quite limited.
>>>>
>>>Even an unmodulated carrier cannot be detected at levels at which
>>>properly coded digital signals can be quite effective at conveying
>>>useful information ...
>>
>>Sorry, wrong. Paul is correct on a theoretical level. An infinitely
>>narrow signal received with an infinitely narrow filter offers the
>>best detection possibility of any system. Unfortunately, an infinitely
>>narrow filter has an infinitely long settling time, so throughput is
>>zero.
>>
>
>Gary ... you know as well as I do that an infinitely narrow signal
>cannot be generated and an infinitely narrow filter cannot be built ...
>and yes, that if those two practical realities were repealed the
>throughput would still be ZERO ... so why not just agree that the
>argument is "false" ... how about "false, within the limits of
>realizable waveforms and equipments" ... OK??? (geeze ...)

No, because an unmodulated carrier is still narrower, and can still
use a narrower filter, than any modulated carrier, including OOK
modulation. Thus its detection threshold advantage still holds. Of
course the same holds for a finite but very broad signal with a
finite but very long correlation time correlator. This sort of
signal has an a priori known spreading sequence, but no unknown
modulation content to disrupt correlation. No coding you do to
the baseband data can beat either one of them for lowest detection
threshold.

Coding can enhance throughput for signals near the detection
threshold by lowering uncorrected errors, but it can't lower

the absolute detection threshold itself. Note, obviously some
detectors are better than others. Properly designed long
integration time detectors can always beat the human ear
for detecting unmodulated signals buried in noise.

>>>Properly coded signals can "combat" and "avoid" the noise by trading
>>>bandwidth and redundancy for (post-detection) s/n ratio, whereas the
>>>unmodulated (or OOK'd) carrier will still be received in a finite
>>>bandwidth, so it will always have noise to contend with ... as you
>>>reduce the bandwidth arbitrarily to lower the noise floor, the amount
>>>of information you can convey is proportionately reduced ...
>>
>>Coding gain doesn't help you if you can't detect the signal.
>
>Yes, Gary ... I didn't say anything about repealing the laws of nature

Apparently you did. See above. Coding cannot lower the detection
threshold, it can only improve throughput near the threshold.
That's pretty darn important in practical communications systems
of course, but it wasn't what you claimed. You can always detect
the unmodulated carrier at a lower level because it has maximum
redundancy. A modulated carrier has less redundancy because at
least one of its parameters has to change with the modulating
signal.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3582. Re: 4-5 kw Generator Reco

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: psoper@encore.com
Message-ID: <Dy4IpF.IIM@encore.com>
Source record: 216488

Hi Fred!

fred.mckenzie@spacecoast-bbs.com (FRED MCKENZIE) writes:

> How big a unit does the average home need? I suppose you could run
>almost everything with 5 or 6 KW. I decided that it would be better for

Just went 7 days without juice thanks to hurricane Fran. Apart from running the ham equipment, I want to be able to throw the main service panel breaker to separate me from the power company, throw another switch, pull the cord and have enough power to run lights and small appliances in the house. I know, how often do we live through a natural disaster? I've done three in 24 years. So on that count my plans seem a bit silly. But if I lived down near South Florida where you do, Fred, this would seem like a straight forward idea :-)

But now you know why I want more than a few hundred watts for the typical emergency power setup for the ham equipment. I'm going to tie the generator in with a switch at a point just after the house service panel 240v breaker that feeds the ham shack, incidently. This way I can throw that breaker and flip one more switch and have the whole shack on the generator with no extension cords or other fiddling. Gotta think up something failsafe in the way of procedures, though, like putting the generator motor's spark plug under the circuit breaker lever :-)

> Does anyone work in a muffler shop? I have heard of people adapting
>a small automotive muffler for use with a generator. I think this would

This is exactly the route I'm going. I feel certain that I can make the Coleman very quiet without robbing power. However:

This just in: There is a Coleman 4kw generator with a Honda engine! Got to hit Home Depot in the morning for chain link fence rails ($6.67 for 21 foot long galvanized steel tubes, one of the best deals on the planet). Will report what I find about this "hybrid".

Two notes about things that I suspect you are familiar with but others may find useful. Some generators have dinky 1-2 quart fuel tanks. Don't know what application they're intended for, but providing emergency power for a ham station or house isn't included :-) The (regular) Coleman 4kw contractor's generator runs 10 hours with its 5 gallon tank. I suspect the Honda OHV engine would run longer. Second thing is that folks need to be familiar with the fact that gasoline breaks down over time unless its treated with a stabilizer. I heard multiple stories during Field Day this year about neglected generators with engines completely gunked up because of old gas. I'm told places like K-Mart sell stabilizer.

My wife and I ate for a week with a Coleman camp stove, incidently. I'm very fond of that brand at the moment :-)

Regards,
Pete
KS4XG

3583. Re: Internet via Ham Radi

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: len.anderson@mogur.com
Message-ID: <9609220141201506@mogur.com>
Source record: 216489

EA>From: Andre <earthspy@concentric.net>
EA>Subject: Re: Internet via Ham Radio?

EA>Marvin L. Jones wrote:

EA>> Well, just because a thing is do-able, does
EA>> not mean it should be done. <g>

EA>Why not? There should be an alternate means to keep the internet going
EA>without phone lines. The Internet is the only public place where there
EA>is no censorship and the world needs such a place. Maybe HAM radio is
EA>not the place for it but surely the HAM community can devise a system
EA>for it. The cable companies are already talking about putting it on
EA>cable but I would like to see a non-commercial place for it. The cellular
EA>phone industry with their network of repeaters is also talking about
EA>making it available so why not HAM radio?

BANDWIDTH. The Internet is High-Speed, High-Capacity meganetwork that
carries thousands of newsgroups with a few million users on the net at
the same time during peak traffic. Technically not possible in the
limited spectrum space of ALL amateur radio bands up to X-band combined.

The "cellular phone industry" isn't planning on sending the Internet via
cell site repeaters but the telecommunications industry wants to offer
it via very high speed data over optical fiber drops to subscribers.

The Internet is essentially a Common Carrier service. Under all the FCC
R&R domain, amateur radio ain't allowed to do that because it isn't a
Common Carrier service.

---
* OLX 2.1 * Things are getting worse. Please send chocolate.

3584. Re: Alpha Bravo phonetics

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: len.anderson@mogur.com
Message-ID: <9609220141201507@mogur.com>
Source record: 216490

GE>From: Geoff Butler <geoff@gbutler.demon.co.uk>
GE>Subject: Re: Alpha Bravo phonetics: the quickie version

GE>In article <ejones-1809961248220001@206.80.6.11>, "Earle D. Jones"
GE><ejones@hooked.net> writes
GE>>
GE>>Why did we change from the Able, baker, charlie, etc. to
GE>>Alpha, bravo, charlie, etc.
GE>>
GE>>The changes seemed rather arbitrary. On the average we added syllables:
GE>>
GE>>Fox to foxtrot
GE>>Nan to November
GE>>Queen to Quebec,
GE>>
GE>>but not in all cases:
GE>>
GE>>George to Golf
GE>>Mike remained Mike.

GE>One obvious reason was to reduce the number of Universal Standard
GE>Phonetic Alphabets.

GE>Alpha Bravo does seem rather well designed. In general, words with
GE>similar vowels in the stressed syllables (a/o or i/e) have differing
GE>numbers of syllables or clearly different vowels elsewhere. The
GE>distinction between the hard vowels (a, o) is dialect-dependent, as is
GE>shown by the frequent thread that asserts that some people pronounce
GE>'caught' and 'marry' identically[1].

The present 'official' phonetic alphabet is based on the NATO phonetic
alphabet adopted by the U.S. military in 1955. The International Civil
Aviation Organization (English being the airways international language)
adopted it shortly thereafter. Its development was largely by Test of
comprehensibility by native-language speakers/listeners of NATO member
countries. It works with most of the other _European_ alphabetic-based
languages but is some problem with variants such as Cyrillic. It works
not at all with syllabic-based languages unless the speaker/listener
also knows one of the alphabetic-base languages.

---
* OLX 2.1 * Move your vowels every day or you'll get consonated.

3585. Re: PRO - CW !!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: len.anderson@mogur.com
Message-ID: <9609220141201508@mogur.com>
Source record: 216491

DP>From: payne@iquest.net (Don Payne)
DP>Subject: Re: PRO - CW !!

DP>carl@ais.net wrote:
DP>>In <323B7D1D.134C@wolfenet.com>, Rick Perry <kg7a@wolfenet.com> writes:
DP>>>I've been reading quite a few messages about doing away with CW or at
DP>>>least not requiring it on various levels of exams. I completely
DP>>
DP>>I' trying to protect it ... it's you "old guard" types who are
DP>>endangering it ... you old-timers are the ones, for the most part, who
DP>>are keeping ham radio locked in the 1950s ... that's not protecting it,
DP>>that's signing it's death warrant.

DP>Hey! We already HAVE no-code ham radio. It's called CB!!!!
DP>I rest my case.

Better not rest. The no-code Technician Class license exists IN amateur
radio. It was in all the official publications. If I can know about
it, you should.

---
* OLX 2.1 * Remembering is for those who have forgotten.

3586. Re: Anyone use a Part 15 FM Transmitter??

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: mgarrett@prairienet.org
Message-ID: <523gr4$hav@vixen.cso.uiuc.edu>
Source record: 216492

In a previous article, paulc@cyclades.com ("Paul Christenson [N3EOP]") says:

>dwh wrote:
>>
>> Hello,
>> I am looking to hear from tech's that have experimented with the
>> Part 15 FM Transmitters for broadcasting. I was thinking about
>> getting one of the Ramsey Kits to play with. Has anyone had any luck
>> with range and etc..on these low power tx'er?
>
>If you plan on sending in stereo, be sure to get one that uses a crystal
>for the stereo pilot tone. That is a critical frequency setting. My
>friend had an early one (may have been Ramsey) that used a trimmer cap
>for setting the pilot tone frequency. The radio worked fine and sounded
>good in mono, but we couldn't keep it in stereo. Others that have built
>the crystal controlled transmitters reported no problems at all.
>
>--
You might have your friend call Ramsey if he does have one of the early
FM 10's. Ramsey offered a upgrade kit at no cost at one time for these
early units. I had one and although I did not have the problems with
the stereo pilot like your friend, I did have a lot of noise that the
crystal mod cleared up.
Ramsey also offers a processor now for their stereo units. Unfortunatly
I cannot offer much info on how well it works.
--
Mark Garrett mgarrett@prairienet.org
KA9SZX @ N9LNQ.#ECIL.IL.USA.NOAM

3587. Travel with toys (electronics)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: jamoran@indirect.com
Message-ID: <523g89$kf7@globe.indirect.com>
Source record: 216493
Cross-posted to: rec.travel.air,alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc,rec.aviation.piloting

has anyone traveled domestically (US) or Internationally with electronic equipement and experienced any security delays related to the toys you were traveling with.

I usually travel with a shortwave radio (SONY-2010), I also take along a hand held scanner (either Regency HX-1000 or AOR-1000) to listen to the action in the air and around where I'm going.

I have been able to give everyone a heads up on glight delays based on what I was hearing on my scanner..either weather, mechanical, or ATC flow control delays.

also, when I am driving, the scanner gives me real-time road information. If I hear a police or fire dispatch or a chase on the scanner, I know to plan for an altenate route. Beside police and fire, I can scan all the radio traffic reports they commonly use frequencies in the 450-451mhz area Airline operations frequencies are usually in the 128.0-132.0 mhz(AM) and 460.6-461 mhz (NFM) area. At some airports, a trunked 800mhz system operated by ARINC may also be in use.

In Germany, I did have a brief delay..they wanted to know how the SONY-2010 worked. I explained...they also used a sniffer to check for anyh traces of nitrates (explosives) I did have aproblem with the scanner that I had in a pouch on my belt...Airport security (Police) wanted to know what i was doing with the scanner. I showed them my frequency lists..all were for Police, fire, and aviation frequencies in either Arizona or Southern California.....Finally, I was able to get the scannerhome by letting the plane's captian agree to carry it in a special pouch.

JOHN

3588. Repeaters in a certain radius?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: btbanko@prairienet.org
Message-ID: <523lh7$jb4@vixen.cso.uiuc.edu>
Source record: 216494
Cross-posted to: rec.radio.amateur.misc,rec.radio.digital.misc

Has anybody found a program which can read a latitude/longitude file list
of cities and identify all cities within a specified radius? I know that
one way to do this would be to use maps, but sometimes maps don't list
all of the cities that might be listed in a large datafile.
I have solved a very similar problem in the past and used a "gridsearch"
algorithm to speed up the search speed, but I am not really setup to do
programming right now (nor do I really have the time).

Ideally, this could be a feature added to a computerized repeater directory.
--
Brad Banko
Rockford, Illinois
Internet: btbanko@prairienet.org (Support your local Freenet!)
Amateur Packet Radio: kb8cne @ n9hkm.il.usa.na

3589. Re: Morse Code again (was Re: re: do we build? was(re: arrl survey ignores 7 o

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <523mrm$fhj@newsbf02.news.aol.com>
Source record: 216495

In article <521e7i$1u8@Usenet.Logical.NET>, orion@capital.net writes:

>resigned from that lofty organization last year just because of their
>assinine stand on code requirements. And for the "Try CW, You'll

Speaking of assinine, why is this cross posted to homebrew? To make the
soapbox bigger?

3590. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1Dy54t8.1DH@netcom.com>
Source record: 216496
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <522ejk$3fl@anomaly.ideamation.com>,
Michael P. Deignan <kd1hz@anomaly.ideamation.com> wrote:
>In article <1996Sep22.012958.5716@ke4zv.atl.ga.us>,
>
>>It isn't the government's legitimate place to erect arbitrary hurdles
>
>Yeah. Like those nasty theory exams, huh? Just think of all the amateurs
>we would have if they didn't have to take tests first.
>MD

Gee, you try to find one bad line in Gary's great post, and you screw
that up. Notice "arbitrary"? My dictionary states "based on preference
rather than necessity". A written test is a necessity for safety.
A CW test is purely arbitrary. Gary was referring to the CW test, not
the written tests.

Charles
KB0WOB

3591. Re: ARRL "Representation" on code and other issues ++

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: carl@ais.net
Message-ID: <523nh0$3fq@news.ais.net>
Source record: 216497
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In <51pf8j$290@news.Hawaii.Edu>, jherman@Hawaii.Edu (Jeffrey Herman) writes:
>Alex VonYonkers <vicalex@Gramercy.ios.com> wrote:
>>But when they can-t (sic) use THEIR equipment to call in for a pizza
>>there in no (sic) much incentive to build new infrastructures
>>on top of the aging ALOHA.
>
>"Aging hello"? Never heard of that before.
>KH2PZ

Jeff, Jeff, Jeff ... what ARE we going to do with you? If you knew
anything at all about digital techniques and protocols, you would know
that the ALOHA protocol was developed in your domain ... hawaii.edu ...

Back under your bridge until you know enough to make intelligent
comments.

Carl - wa6vse
carl@ais.net

3592. Re: ARRL "Representation" on code and other issues ++

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: carl@ais.net
Message-ID: <523nq1$3fq@news.ais.net>
Source record: 216498
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In <1996Sep21.104507.2880@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>In article <51pf8j$290@news.Hawaii.Edu> jherman@Hawaii.Edu (Jeffrey Herman) writes:
>>"Aging hello"? Never heard of that before.
>>KH2PZ
>
>Why am I not surprised? Aloha is a channel sharing technique first
>developed by ARPA in the 1970s, and is used in VHF amateur packet
>networks. Aloha is a simple technique to implement, but offers only
>20% of a fully loaded channel's capacity before congestive collapse
>sets in. It is thus well suited to simple low loading networks, but
>fails when network loading increases above the critical threshold.
>

Actually Gary, as I pointed out to Jeff in my reply to his rediculous
comment, ALOHA was developed at the U of Hawaii and first used to link
computers between the islands on a UHF link ... seems to me the first
CPUs were PDP-8s if memory serves me correctly.

Jeff either:

a) is compeletely unaware of the history of wireless digital networking,

or

b) trolling again, since HIS domain is <hawaii.edu>

I'm not sure which of the above I'd put my money on, but past history
causes me to lean towards "a" ...

73,
Carl - wa6vse
carl@ais.net

3593. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: cecilp@magic.bunt.com
Message-ID: <52388j$420@krypto.zippo.com>
Source record: 216499
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

carl@ais.net wrote:

>Why? Why does there HAVE to be a "Hurdle"??? We're not trying to keep
>people out ... we just want them to know how to use the gear, and how to
>operate courteously without being a bunch of assholes, right???
>(clearly the code does not keep out assholes ... just listen on 20m or
>80m and you'll have proof readily at hand ..)

>I have no use for the "no pain, no gain" mentality ... there's no honor
>in working hard if one can work smart ... only a stupid person or a
>masochist would value something more just because it "hurt" more to get
>it ... the "hurt" does NOT make the end result more valuable ...

Yes we are trying to keep people out! Your call for more technically
minded people will keep out those who are not. If they don't have the
knowledge they don't get in. And those who have to study all the
electronic theory just to get a license will consider the test a
"hurdle". Especially if they never intend to use the knowledge outside
the amateur radio hobby.

>>Finally, Carl. After reading your responses I think I know you. We are
>>not that different. You are a "techie", you like being on the cutting
>>edge where things are happening and you can be challanged. The problem
>>is you expect all other hams around you to be the same as you.

>NO, I don't expect all hams to be like me ... I just would appreciate it
>if they'd stop insisting that I (and others like me) be like them ...

Read what you have written, you want eveyone to have the same
knowledge base as you. Therefore, they must be like you.
>>
>>Do not devalue our Ham License by giving it away, Please.
>>

>Paul ... nobody is talking about giving it away ... I've advocated
>tougher technical tests across the board ... we just want to modrnize
>and eliminate an obsolete requirement that doesn't fit today's world.

You have talked about tougher tests. Would please give me an idea of
what type of test a new ham would take. Give some example questions,
topics a ham would be required to know, etc.

>We have more to fear from the governent if we're perceived as
>technically backward (which we are, as a service) than from a bit of
>bickering amongst ourselves over change ...

Actually, I don't think the goverment is worried about our technical knowledge. But they will become concerned if the code is dropped as a requirement since they will then have to listen to this thread in person.

>73,

>Carl - wa6vse
>carl@ais.net

Paul Cecil
KA5FPT / DA2PC

3594. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: cecilp@magic.bunt.com
Message-ID: <52388s$420@krypto.zippo.com>
Source record: 216500
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

little@pecan.enet.dec.com (Todd Little) wrote:

>The "Spectre of CB" again, eh? Please describe what CB has to
>do with the amateur radio service? The history of what happened
>to the Citizen Band has been discussed here many times before
>and it had nothing to do with a code test and everything to do
>with the FCC not enforcing the regulations. If you want to prevent
>the amateur bands from following the same route, I'd suggest
>you help the ARRL in its efforts to force the FCC to increase
>instead of decrease enforcement of its regulations.

No argument from me. But the FCC will ask where the money will come
from.

>This fracturing has already occurred. It started before incentive
>licensing, got worse with incentive licensing, and really split
>us apart with the change in the technician class license in 1991.
>Seems to me that to eliminate this fracturing we need to eliminate
>our current class based licensing structure.

One license, one class?? I live in Germany currently and they only
have 3 classes. Class A - the same as our Tech - Plus, Class B - Full
HF privaleges, and Class C - no code. This seems to work OK.

>"work to be Hams are Hams"? What's that mean? Whether someone
>works at it or not is completely irrelevant. It's how they behave and
>contribute that matters.

>Why? What's the purpose of having a hurdle? There seems to be little
>evidence that supports jumping through a hurdle does anything other
>than cause people to jump through a hurdle. How does it relate to
>what we want amateurs to do? How does a hurdle make a person
>a better amateur?

>> And somewhere I remember being told that "that which is not earned but
>> given freely away has no value."

>Because you heard it makes it true? I personally have little value in
>busy work. I value my license for what it allows me to *do*, not for
>what I *did* to obtain it. Those that feel a need to be rewarded for
>exerting effort are free to participate in all the various amateur
>related competitions. They'll be rewarded for what they did, not
>what they can do.

I can answer all of the above by saying YES, anything that you have to
work for , that you have to earn, that you struggled for has value.

Here, I reward you an Olympic Gold Medal for the 100 meter race. Does it have value to you beyond the metal. If you practiced and earned it, yes. My use of the word "hurdle" was meant as a figurtive object that stands in ones way to accomplishing a goal. For me, the tests were nothing. But on the other hand the Code I had to struggle through. When I passed my code test I was elated. I had accomplished that which I set out to do. No it did not neccessarly make me a better person, but I sure felt good.
>73,
>Todd
>N9MWB

73,
Paul Cecil
KA5FPT / DA2PC

3595. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: cecilp@magic.bunt.com
Message-ID: <523892$420@krypto.zippo.com>
Source record: 216501
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

billsohl@planet.net (Bill Sohl) wrote:

>cecilp@magic.bunt.com (Paul Cecil) wrote:

>>I have been sitting on the sidelines (yeah I stuck my nose out to test
>>the weather), but I have had up to here with both sides of this
>>CRAP!!!

>>To the those who support the code, we (that means me too) might as
>>well accept that CW has about a 10 year life span before it is dropped
>>as a requirement. That being the case... we better start deciding how
>>we want to influence the FCC to insure that the Amateur Radio Service
>>does not become the CB/Amateur Radio Band.

>>To the No-Coders, you will win. But ask yourselves while your
>>celebrating did you really want to win like this.

>Paul, even when some of us offer approaches that attempt
>to accomodate both sides, the pro-code folks prefer to not
>even discuss it.

Bill,
The same cn be said about the no-coders. This argument is an emotional
one. I don't believe either side can hear the other because they both
are screaming to loud.

>> If you are not
>>carefull you can fracture the Ham Community, and if that happens we
>>all lose! The Industerial/Communication Services out there will eat us
>>alive then what will we have left. Remember: United we stand, Divided
>>we fall. Not just the "old farts" but all. And if you do not want the
>>equivalent of a CB service then you better figure on how you will
>>insure only those who are willing to work to be Hams are Hams.

>Good comment and one that cries out for all hams to look
>towards the future... not the past. As to willingness to work, that
>is not a quality you can test for. It may be a desired trait, but
>there are people that learned CW without really trying, just as there
>are people that can learn and pass theory tests with little
>or no effort. See more below:

>>That to me is what the Code is all about, a hurdle over which the lazy
>>can not pass. Only those who are willing to put forth the effort
>>should become hams. If we take away the a Code then we need to replace
>>it with another hurdle.

>Hurdles, assuming there should be any at all for the sake of
>establishing that someone is a worker, MUST be relavent
>to the need for testing. CW, in the 21st century, does not
>serve that purpose well at all.

I have no qualms about doing away with the code as a requirement. But I have yet to hear of an alternative approach of testing except for making the test harder. OK... tell me about it. Give me examples, show me what knowledge will be required, etc. I believe this is what is upsetting the pro-coders. The no-coders keep implying that knowing the code means being ignorant. Whether that is what was meant, that is what comes across.

>>Finally, Carl. After reading your responses I think I know you. We are
>>not that different. You are a "techie", you like being on the cutting
>>edge where things are happening and you can be challanged. The problem
>>is you expect all other hams around you to be the same as you. But it
>>is time to do a reality check. A majority of the hams since the
>>beginning have been appaliance operators. In the old days hams had to
>>build their equipment that is true. They did so from schematics and
>>articles in magazines, whose authors were the Hams who did the actual
>>work. Only a few hams have been at the leading edge of technology.
>>Then there were those who applied the work of those leading edge hams.
>>Finally came the masses. Look at most of the earlier radio companies,
>>they were founded by Hams to make money off of Hams (and the public).
>>As I said you need to look around you realize that most Hams enjoy the
>>hobby/service aspect of Amateur Radio, and not the cutting edge
>>technology.

>No argument with the above, but what does it say... for or against
>continued CW testing for HF access?

Nothing, except that a majority of hams wwould rather enjoy the hobby side of amateur radio (ragchew, dxing, contesting, etc.), not the experimental side. Carl (to me) seems to suggest that amateur radio should only be an experimental hobby. I almost think that he wants to do away with all else. (i.e. If you are not testing something then stay off the air). While this has nothing to do with the cw argument, it has alot to do with what direction we wish to see our community grow in the future. With the elimination of cw as a requirement to operating on the hf bands (Yes I do believe it is coming), we the individuals of our community need to start thinking about what will come next.

>>Lastly, let remind all that a far greater threat lies over our
>>"Hobby", and that is our own goverment. It needs money and is looking
>>at all ways to get it. Even now pressure is being applied to sell our
>>portions of the radio spectrum. Remember: UNITED WE STAND.

>Which, like it or not, says the more of us, the better our
>ability to press our case. Yes, there is a value in pure
>numerical size.

But is size what we want. Are the hf bands empty? How about the vhf bands? Size is not all. It is how we use what we have. The ARRL needs to start lobbying the companies to start bring out equipment for the uhf and microwave bands that we all can afford. Look in the catalogs, how many low priced all modes do you see for vhf on up?

>>Let me end with these final thoughts::
>>Robert Heinlein in his novel "Starship Troopers" said this -
>>The American Constitution guarantees you the right to the pursuit of
>>happiness, but no where does it guarantee you the right to succeed in
>>your pursuit of it.

>Your point?

My point is that there will always be those that will cry, whine and gripe because they could not, and should not, have their way. In this age and day, to many individuals think that whatever they want is their God given right to have. No where is there a guarantee that simply because you want an amateur radio license, that you can get it. You have to take a test and prove your knowledge. If we make the test harder then there will be those who cry foul because "they don't use that garbage in their everyday life so why should they learn it!"

>>And somewhere I remember being told that "that which is not earned but
>>given freely away has no value."

>No one is asking for a license to be freely given away.

>>Do not devalue our Ham License by giving it away, Please.

>Again, no one is suggesting giving ham licenses away.

I am just reminding everyone of it.

>Bill Sohl K2UNK
>ARRL Local Gov't Liaison, Mt. Olive Township, NJ

Thanks for the comments,
73,
Paul Cecil
KA5FPT / DA2PC

3596. Re: Thanks Carl

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: cecilp@magic.bunt.com
Message-ID: <52389b$420@krypto.zippo.com>
Source record: 216502

kc5egg@ix.netcom.com(Gerald Schmitt) wrote:

>Paul I missed this first time around. Let me straighten you out on a
>few things.

>Pro Coders are not all Code Nazis I have never said that. The honorific
>has to be earned. You have to do things like call handicapped people
>lazy, accuse anyone who is not pro code of wanting a free lunch
>persoanlly insulting those with whom you disagree. If you read this
>newsgroup regularly you can easily figure out who they are.

>When I started out in amateur radio I was interested in code as part of
>the ham radio mistique. The pro code cretins on this group and .policy
>have driven me from that to end the code test activism. Fortunatly ham
>radio in general is not relflected in the usenet newsgroup so I have
>maintained an interest. If amateur radio is to survive it need numbers
>not worship of some sophomoric hazing ritual.

> 73 Jerry

Jerry,
You said:

The exposure I got on the net to the very rabid pro code folks A.K.A
Code Nazis has comptletely changed that.

However, I assumed that you were talking about the exteremists.
Exteremists always talk louder then everyone else and usually drown
out the moderate people. Who actually make up the majority. In this
case we hear the exteremists from both sides and they are loud. It is
going to take those of us "moderates" to bring some sense to this
disarray and reach a common ground. That common ground is the insured
growth and health of our hobby.

Ending the Code will not end the crisis we are entering. Carl and
others advacate harder tests, is that an answer? Will harder tests
make our hobby better. I work with many officers in the Air Force and
I can tell I ahve seen a few with PhD's that make me wonder how they
became officers. No, harder tests by itself is not answer, and I
personnaly believe will lead only to a technically elite class with in
our community who will look down on the "old fartz".

While open debates are good, it must also be constructive. This debate
is not constructive. But must become one.

If have not seen it, please read me responce in the thread "To Carl
and the No-Coders". It says what I feel.

73,
Paul Cecil
KA5FPT / DA2PC

3597. Re: Thanks Carl

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: cecilp@magic.bunt.com
Message-ID: <523898$420@krypto.zippo.com>
Source record: 216503

carl@ais.net wrote:

>In <51do8l$qev@krypto.zippo.com>, cecilp@magic.bunt.com (Paul Cecil) writes:
>>
>>I am sorry Jerry but I am not convinced. You use the phrase "Code
>>Nazis" to describe the pro-coders, but I view the code as the
>>TANSTAAFL. "There ain't No Such Thing as a Free Lunch" There must be
>>some way of making someone earn the right to be a HAM. I see the code
>>as the final hurdle to graduation.You, Carl, and the others may be
>>right that the Code will go away. But what do you intend to use as a
>>final hurdle. If you give away the Amateur Radio License then why
>>should anyone respect it.
>>

>I respect my license ... and I earned it ... however, I did not think
>the CW test was a valid "requirement" then, nor do I now ... I actually
>would respect my license more, had the theory part of the test been the
>least bit challenging ... the code part earned no respect ... it was
>simply a pain in the ass and a waste of my time ...

Carl,
My thoughts are similiar except that I do not consider the code a pain
in the ass, just in the fingers :) I too found the theory easy.
However I work in the electronic field and so it should be easy. The
code made me work for my license and gave me a sense of accomplishment
when I passed it.

>>
>>And somewhere I remember being told that "that which is not earned but
>>given freely away has no value."
>>
>>Do not devalue our Ham License by giving it away, Please.
>>

>Nobody who is advocating the elimination of the CW testing requirement
>is saying "give the license away to anyone" ... what we are saying is
>that more meaningful technical tests should be given to EVERYONE ... and
>that the CW requirement should be dropped because it is no longer seen
>as relevant by huge numbers of current and prospective hams ...

>Not a "free lunch" ... more like get your driver's license by taking a
>driving test, rather than proving that you can saddle a horse ...

>Please reconsider the issue with an open mind in light of the above ...

>Carl - wa6vse
>carl@ais.net

I am trying to keep a clear and open mind. I accept the fact the fact that within 10 years we will not see the Code as a requirement for hf privilages. My question is where will we go? And don't just say harder tests, there is more to it then that.

73,
Paul Cecil
KA5FPT / DA2PC

3598. HW-16 Manual Wanted

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: John Simmons <electricshock@worldnet.att.net>
Message-ID: <523ql5$b9h@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 216504

I just picked up a Heath CW Transceiver, the HW-16 at the local swapmeet.
Does Heath still make the old manuals available? Or can someone send me a
copy of the Assembly/Operating Manual?
Thanks,
John KQ6ES

3599. Re: Digital/Analog HF Receiver Design

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-22 00:00:00 UTC
From: carl@ais.net
Message-ID: <523qr0$3fq@news.ais.net>
Source record: 216505

In <01bba7e6$0911d1a0$79070ccf@jim-reid-1>, "Jim Reid" <jreid@aloha.net> writes:
>
>To which, I now write: The highest priced HF rigs on the market today
>from Japan, -- ICOM IC-775; Yaesu FT-1000MP, and the
>Kenwood TS-870S -- all use IF DSP in the final IF stage at 10 to 20 kHz
>range. One can order from the ARRL labs VERY detailed technical test
>reports about these; running to 25 pages and more of data.

I stand by my previous comment:
>> Low IFs in the audio range at the end of a multiple-conversion superhet
>> is a pretty gross way to design a radio."
>

>look at the data, then listen to the users on the HF bands; then comment
>about whether or not these applied technologies now being sold are
>effective when compared with rigs on the market just 2 years ago.
>Some of the Big Gun contest types, eg John Devoldre, ON4UN, have
>sold their "stable" of Yaesu FT-1000D's (the alleged best amateur HF
>rig of the immediate past years) and replaced them with FT-1000MP's
>on each of the principal HF bands! Of course John also has multiple 150'+
>towers, etc, megabucks into his Super Station. He has worked 245
>countries on 160 meters, and has 343 confirmed on 80 meters! So
>he knows low band HF technology and what works, and what is
>better when it comes along. Cost is NOT an issue for him, and many
>others. John obviously compares to those who own and use a
>stable of Ferrari automobiles; not many of us can do that.
>

There are many people (usually those for whom, as you say, "Cost is NOT
and isssue ...") who always buy the "latest and greatest". Then there
are those who realize that, OFTEN, the "latest and greatest" is just a
rehash of last year's model with some modest, incremental improvements
and a new arrangement of buzz-words.

>I also wrote:
>
>That the sort of components to which Carl and others have
>alluded in their postings
>> >" with these characteristics are not
>> >affordable for use in even a high-end price range amateur rig.
>> >The heterodyne technique is still, at this time, the only way to
>> >both add gain to a very weak received signal and to narrow the bandwidth
>> >down to reduce the noise accompanying the signal, ..."
>
>Carl replied:

>
>>" Horse-puckey ... the 900MHz spread spectrum system I'm currently
>> building at work does an I/Q mix DIRECTLY to baseband from 900 MHz,
>> digitizes the I/Q signals and does everything else digitally."
>
>Now we ARE down to it!
>
>Carl. what is the spectrum bandwidth of your spread spectrum signal,
>(if it isn't classified) and what is the basdband width of information
>after you have I/Q mixed to baseband (which is heterodyning by the
>way! You do say you use a local oscillator which is centered at the
>frequency spectrum center frequency of you spread spectrum signal, a la
>homodyning).
>
>I venture your spread spectrum signal at 900 mHz exceeds the bandwidth
>of any of the nine amateur HF bands.
>

First, let me state that the width of the signal in my particular application does not have any bearing on whether the same techniques or similar techniques are usable in HF gear ...

Actually, the (spread) bandwidth of the signal (in the system I mentioned) is 1.92MHz (null-null), so the (folded, I/Q) baseband bandwidth is 960kHz ... the mix to baseband does NOT despread the signal ... that's done digitally in an ASIC (which presently costs $13 and change ... that cost will likely be 1/2 in a year) ... Remember, this system will RETAIL for $299 ... and that includes two (2) complete radios (a complete link) ... doesn't sound like the cost (of the underlying technology) is so exorbitant as to be out of reach to hams to me ...

>Now, how does your information bandwidth at baseband compare with
>the required info bandwidth that is useful at amateur HF band frequencies?
>Amateurs bandwidths are VERY narrow: RTTY 250 Hz for example,
>PACTOR, etc somewhat wider. I have used 50 Hz bandwidth on CW
>using the Comsoft Softwave DSPreceiver (not mentioned above, but built
>into my Gateway Pentioum PC90, using an external RF box.) No
>crystal filters involved, by the way.
>

The information content in this particular system is a 32kbps ADPCM stream, sent as 64kbps data bursts (spread with a 960kbps chipping code) (the system is TDD ... that's Time Division Duplex, where both ends of the link alternate the use of the same channel in a way that "looks like" a full-duplex link.)

Your last question presupposes the current amateur thinking that "narrower is better" ... which is not actually an axiom ... more like a "conventional wisdom" ... and conventional wisdom usually fails when progress shows up at the doorstep ...

Besides, there is nothing inherent in the underlying techniques that I've alluded to that would preclude them from efficiently carrying low rate data streams such as RTTY and "CW" ... as I said ... why not digitize the keying on the straight key in a far more efficient manner and transmit the data as a high rate burst ... then mutiple users could share the same channels without interfering with each other ... (I even postulated a means for artifically increasing the QRM level for those who whish to challenge the abilities of their "wetware modems" and for contests, etc.)

When you come right down to it, the main thing implied by lower rate source data is the ability to achieve higher processing gains in a given bandwidth ...

Carl - wa6vse
carl@ais.net

3600. Re: What's the best study book for no-code?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: hankbop@aol.com
Message-ID: <527bqe$plk@newsbf02.news.aol.com>
Source record: 216206

"Now You're Talking" by ARRL definately helped me get my No-Code Tech a couple weeks ago. It covers all the questions and then some. Good luck.

- Henry KF6GJE

3601. Re: 4-5 kw Generator Reco

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: Bert - ns4w <ns4w@tdsnet.com>
Message-ID: <32476039.752F@tdsnet.com>
Source record: 216207

Pete Soper wrote:
> This just in: There is a Coleman 4kw generator with a Honda engine! Got to hit

I have two of the units described above. They are a *lot* quieter than the Briggs or Kohler engines. I ran one for 5 days two winters ago, connected in through the house main (disconnected service). It ran about 12 to 14 hours on a 5 gallon tank, depending on the load. I am really pleased with mine, went out and bought a second one for my dad. I also ran mine dily when I built my house, so no problems whatsoever over about 1800 hours of use on my first one.

I suggest you do the switchover right, disconnecting *all* circuits between house and the pole, including the neutral. The National Electric Code Book has quite a bit to say about this, and insurance companies are starting to consult the NEC in liability cases that might arise due to improper use of a generator. You might consult with the power company for proper procedures and equipment.

73, Bert - NS4W

3602. Re: 4-5 kw Generator Reco

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: Lance Halle <lanceh@a.crl.com>
Message-ID: <32473992.3598@a.crl.com>
Source record: 216208

FRED MCKENZIE wrote:
> Does anyone work in a muffler shop? I have heard of people adapting
> a small automotive muffler for use with a generator. I think this would

Our Explorer Post has several generators, most powered by Briggs, and NOISY. I purchased a "universal import car muffler" and built a frame to mount it on. The Exhaust is nearly silent, but the air cooled engine is still too noisy for use around people. Between the blower noise, and the rattle of the engine, it just isn't something that will make friends.

Lance
KC7FVX

3603. Re: 4-5 kw Generator Reco

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: Lance Halle <lanceh@a.crl.com>
Message-ID: <32473ABA.767C@a.crl.com>
Source record: 216209

Pete Soper wrote:
> breaker that feeds the ham shack, incidently. This way I can throw that breaker
> and flip one more switch and have the whole shack on the generator with no
> extension cords or other fiddling. Gotta think up something failsafe in the
> way of procedures, though, like putting the generator motor's spark plug under
> the circuit breaker lever :-)

Suggestion: Purchase 2 pullout in service disconnects, the kind that
have 2 fuses in a pull out holder. Wire the top of one to your
commercial power source, and the top of the other to your generator.
LOOSE one of the pullouts! With just one pullout left, you can use it to
close the circuit of your choice.

Lance
KC7FVX

3604. FAQ: N2TIQ University Club List v.12

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: jluszcz@best.com
Message-ID: <jluszcz.843538540@shellx>
Source record: 216210

You can find the current list updated Sept. 1996 at
<http://www.best.com/~jluszcz/clublist.html>

Enjoy,
-Jeff N2TIQ

3605. Re: Travel with toys (electronics)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: Jean-Francois Mezei <jfmezei@videotron.ca>
Message-ID: <32472051.242@videotron.ca>
Source record: 216211
Cross-posted to: rec.travel.air,alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc,rec.aviation.piloting

Sometimes I wonder if those security agents stop to examine your
electronic toys are just curious and want to see what you've got :-)

I once had one start to ask me what kind of laptop he should buy :-)

3606. What's the best study book for no-code?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: ke4ski@scott.net
Message-ID: <526pll$n07@news.scott.net>
Source record: 216212

feel the Gordon West book at RadioShack is good. Gives you the questions, answers, and a brief explination of why the answor is the correct one. Now You're Talking struck me as more of a reference manual. LOTS of material to read.

3607. Re: 6m questions

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: Randall Rhea <randall@informix.com>
Message-ID: <32473D14.4F68@informix.com>
Source record: 216213
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.antenna

Another good, quick intro to 6m is

http://ourworld.compuserve.com/homepages/rhea/sixmeter.htm

--
=-=
Randall Rhea Informix Software, Inc.
Systems Engineer, Dallas, Texas randall@informix.com

3608. Re: Range of 6 meters on a good day?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: Randall Rhea <randall@informix.com>
Message-ID: <32473CA5.3B4C@informix.com>
Source record: 216214
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

A good place to start with 6m is:

http://ourworld.compuserve.com/homepages/rhea/sixmeter.htm

--
=-=
Randall Rhea Informix Software, Inc.
Systems Engineer, Dallas, Texas randall@informix.com

3609. Re: Alpha Bravo phonetics: the quickie version

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: odegard@ptel.net
Message-ID: <526psd$t11@cronkite.polaristel.net>
Source record: 216215
Cross-posted to: alt.usage.english,sci.lang,rec.radio.amateur.misc

[posted to alt.usage.english & e-mailed]
On Mon, 23 Sep 1996 01:24:00 +0100, Geoff Butler
<geoff@gbutler.demon.co.uk> wrote:

>In article <32445FFE.6DEC@fox.nstn.ca>, "Doug C." <crighton@fox.nstn.ca>
>writes
>>Actually... Quebec is pronounced KAY-bec in phonetic English as well as
>>French. In some areas of western Canada, and the Maritimes
>>(Newfoundland espec.) local dialect of course alters the pronunciation,
>>ranging from QWE-bec, to KEY-bec. However Quebec is CORRECTLY
>>pronounced KAY-bec in English.

>Would you please be a smidgin (or even a full-sized smidge) more precise
>in what you mean by 'English'. Canadian English? And what on earth is
>'phonetic English'? And why isn't 'phonetic' spelt with an 'f'?

I've offered /'keI bEk/, /'kE bEk/, even /'k@ bEk/. This of course is
with a midwesterny-Californian American English "accent".

For those unfamiliar with the version of the IPA we use here on a.u.e,
here's a translation:

[eI] is the "ei" in "eight".
[E] is the "e" in "end".
[@] is the schwa, the "u" in "but".

To this, there is the "w" pronunciation, /'kw@ bEk/ or /'kweI bek/,
and (probably) the one everyone will stigmatize, /'kwi bek/ ([i] is
"long e", as in "queen"), wherever the stress is put.

I notice with myself at least that both syllables are stressed
approximately the same, and if there really is stress, it's a small
one on the first syllable.

For myself, /'kE bEk/ seems closest to what I do, roughly "keh-beck",
with the first vowel being that in "Ken", "keg", or "kept".
--
Mark Odegard odegard@ptel.net
The great orthographical contest has long subsisted between
etymology and pronunciation. It has been demanded, on one hand,
that men should write as they speak; but, as it has been shown
that this conformity never was attained in any language, and
that it is not more easy to persuade men to agree exactly in
speaking than in writing, it may be asked, with equal propriety,
why men do not rather speak as they write.
-- Samuel Johnson, "The Plan of an English Dictionary" (1747).

3610. Re: the final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <524php$s0c@dfw-ixnews5.ix.netcom.com>
Source record: 216256

In <524i59$1du@jupiter.planet.net> adell@planet.net (Steve - KF2TI)
Landing, NJ writes:
>
>> carl@ais.net the engineer who can copy 20wpm vode in his head
writes:
>>
>> There is no such thing as an "infinitly narrow unmodulated carrier"
...
> ^^^^^^
>as opposed to infinitely
>
>
>> every oscillator has phase noise ... some are quiter than others
...
>
^^^^^
>Carl, freudian slip or is that quieter
>
>
>>
>
>> Carl - wa6vse
>> carl@ais.net
>
>just letting you know that in addition to your personal troll
>I now spell check for you. There's nothing greater than
>helping the super intellect get things right Or am i just
>picking nits
>
>steve the troll
>

Does this mean you will start using capital letters and contractions
properly in your posts? Or does this nit picking only apply to those
with whom you disagree on the subject of code tests? Just curious,
flame away.

Jerry

3611. Re: 4-5 kw Generator Reco

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: psoper@encore.com
Message-ID: <Dy5x2w.K0u@encore.com>
Source record: 216257

Hi Bud,

Bud <BudE@earthlink.net> writes:

>Before hooking into your house system, you might want to check with your
>local power company about rules/laws or whatever. I know in this area
>they are pretty strict about how the cutover is done. I guess they have
>lost a couple of linemen due to up-line feedback from home brew setups.
>Could be a serious liability exposure.

Thanks for the note. Got another one by direct mail.

I was entirely too casual with my last posting. It is the case that tying a generator into your house wiring without disconnecting from the power company feed could electrocute a power company person trying to fix wiring outside the house. Please disregard my last posting.

The Coleman 4k generator with Honda engine is $900 in this area (Raleigh, NC).

Regards,
Pete
KS4XG

3612. Re: BULLETIN: 14 Year Old Sailor Not Heard in 3 Weeks

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: holford@cnwl.igs.net
Message-ID: <524pmi$s5t@nntp.igs.net>
Source record: 216258
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc

In article <jedent.46.001B5D73@phoenix.net>, jedent@phoenix.netï¿½ says...
>
>In article <51efhs$dq5@sjx-ixn6.ix.netcom.com> kc5egg@ix.netcom.com(Gerald
>Schmitt) writes:
>>From: kc5egg@ix.netcom.com(Gerald Schmitt)
>>Subject: Re: BULLETIN: 14 Year Old Sailor Not Heard in 3 Weeks
>>Date: 14 Sep 1996 14:30:20 GMT
>
>>In <tgmDxpB68.9BD@netcom.com> tgm@netcom.com (Thomas G. McWilliams)
>>writes:
>>>
>>>Ed Mitchell (vbook@vbook.com) wrote:
>>>: 14 year old Subaru Takahashi is making a solo crossing of the
>>Pacific Ocean
>>>: from Japan to the United States - in a 30 foot yacht. According to
>>Masa
>>>: Sakamoto, KN6RJ, Subaru, who's call sign is JH0YCG, has not been
>>heard since
>>>: August 18th.
>>>
>>>Most probably, Master Subaru sleeps with the fishes.
>>>Talking to a dead man on ham radio--now that would be some DX!
>>>But what a great QSL card . . .
>>>
>
>>Boy Tom you are some piece of work; the guys asks for help and this is
>>what you come up with. What ever happened to the amateur service
>>creedo. You know Sakamoto san's family could just easily read this,
>>talk about ugly Americans. You sir are an embarassment to the hobby.
>
>The saying is "..takes all kinds" .Is'nt that a shame?
>
>
>
He looked pretty healthy to me last week when he was being interviewed on TV
about his sucessfull trans-pacific voyage!!
Sometimes the newmedia knows more than the newsgroups.

3613. Re: the final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <524rqp$2af@jupiter.planet.net>
Source record: 216259

> kc5egg@ix.netcom.com(Gerald Schmitt) writes:

> Does this mean you will start using capital letters and contractions
> properly in your posts? Or does this nit picking only apply to those
> with whom you disagree on the subject of code tests? Just curious,
> flame away.
>
> Jerry
Flame away?? wow, you must think much of yourself.

Carl and I are best bud's. we watch out for each other. He's teaching me
to copy 20 wpm in my head.

Besides I only offer these services for those who profess a superior intellect and then
make
bone head mistakes like constantly spelling the same word(s) incorrectly
And only those who profess to an amateur radio type of
welfare state, where you can get a license by putting nothing into it.
I have no problem with the code tests. It makes someone work for something
that they want. I don't think you qualify though.

OHHH i'm sorry, we already have that don't we?? Isn't it called CeeBee??
Well 10-4 there good buddy. Picked this here HF ray did e oh from that
there 76 truckstop. How'm i sounding?? how bout that radio check.
Roger dee doger there

Glad to see you've come out from under your rock again.

Back under the bridgeI go

3614. Loran "C" Info

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: subbustr@whidbey.net
Message-ID: <524tbq$p13@news.whidbey.com>
Source record: 216260
Cross-posted to: rec.radio.amateur.misc,seattle.general

Have a INTERPHASE DC-2000
Fishing Loran "C"
Manfg: Interphaze Tech, Santa Cruz

Need manual or phone # plse
Also the "coil" part for the antenna + boat connection?
Any help plse..

Oak Harbor, WA USA
Ham Radio - VE7-LFA/W7
subbustr@whidbey.net

3615. Re: Thanks Carl

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <524ulp$6ro@lehi.kuentos.guam.net>
Source record: 216261

kc5egg@ix.netcom.com(Gerald Schmitt) wrote:

>What took you so long Jim I expected some inane comment much sooner.
>What I said is quite true. The nasty pro coders on the internet have
>moved me from neutral to rather strongly anti code. Is this the result
>you pro code folks want? I think not.

That wasn't an 'inane comment' Jerry, that was a compliment. First one you ever got so you probably didn't recognize that it was one.

I hope you don't read any of the diet newsgroups on internet, because if fat people turn you to rather strongly anti food, you might shrivel up and blow away.

>You may proceed to insult me now.

You still don't understand the insult process, do you ? Begging for insults, just like begging for HF privledges, doesn't work. Certain things in life you just have to *earn*, Jerry.

Have a nice day,
Jim KH2D

3616. Question: 1/4 wave vertical antenna length

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: "dupuis@freenet.edmonton.ab.ca" <dupuis@freenet.edmonton.ab.ca>
Message-ID: <52501a$bei@rover.ucs.ualberta.ca>
Source record: 216262

This should be a simple question, sorry for the post...

The ARRL guide gives a formula of Length(feet)=234/Freq(mhz). For 27.2 Mhz, this would give a 1/4 wave vertical length of 103.1 inches.

I've always thought that 27Mhz 1/4 wave would be about 108 inches, and this is confirmed from formula = (speed of light/freq)= wavelenghth, or (300,000KM-s/27.2MHz)=11.1Meters or 108inches at 1/4 wavelength.

Why is there a difference?

3617. computor and ham swap

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: HCHF35A@prodigy.com
Message-ID: <5250b2$1ouk@usenetw1.news.prodigy.com>
Source record: 216263

The 18th annual Fall - Computer and Ham Swap
KETTLE MORINE RADIO AMATEUR

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//
////////////////////////////

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//////////////////////

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DLYONS@BBS.VOY-AGER.COM

RICHARD LYONS /WD9DNM-VICE PRES. KMRA HAM CLUB

3618. Re: BULLETIN: 14 Year Old Sailor Not Heard in 3 We

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: jjm@mdc.net
Message-ID: <525253$sis@namesrv.mdc.net>
Source record: 216264

<shendo@access-one.com> wrote:

>Jesus people! I traveled the world by myself before I was 17. Kids whom
>take the initative to go out and see the world and do things that most
>only dream about! 14 years old...says alot about his folks....hes a
>crusader and an adventurer....MORE THAN WE CAN SAY ABOUT MOST KIDS THESE
>DAYS! I did more before I was 17 seeing the world as an adventurer and a
>student of cultures then most people do their whole lifetime! YES this
>kid deserves a congradulations! 14 YEARS OLD AND DOING SOMETHING WITH
>HIS LIFE...BETTER THAN SITTING AROUND DOING NOTHING BUT DRUGS OR GANGS
>OR OTHER THINGS!

>High on Life....is what I have always believed...and I have never
>regreted it!

>Mark WL7LZ

Right on Mark! I've done some travelling myself. I did not do a solo
boat trip however but that would have been fun.

Heck, long before us younger folks were involved in a lot more
adventers than we'll ever know. Before we know it, in the near future
anyone under 30 doing anything like this will be considered too young.

There are those who do it, those who wish they could do it, and those
who are resigned to never to do it...and they're the ones badmouthing
it.

==========
cheers! Jim Martin, wk1v
Lowell, Mass, U.S.A.
http://www.shore.net/~jjmartin/jjm.htm

3619. Kenwood TH-78A

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: Marc Richard Wollemborg <mrw13@columbia.edu>
Message-ID: <Pine.SUN.3.95L.960923003146.29760B-100000@namaste.cc.columbia.edu>
Source record: 216265
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I can't find the manual for my Kenwood TH-78A and was hoping someone could tell me how to get into the mode which can display the names or call-signs of memory channels.

Thanks,

Marc Wollemborg
/n2zes/

3620. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: keinanen@sci.fi
Message-ID: <525i9h$489@tron.sci.fi>
Source record: 216266
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>No, AX25 serves a real purpose. It forms the MAC (Media Access Control)
>layer for the upper layers. Here are some of the things it does.

>1) It provides the CS part of CSMA by holding off transmission when
> another carrier is sensed on the channel.

The attempt to emulate the CSMA/CD of Ethernet does not work very well
in practice. The CD (Collision Detect) is not even attempted due to
simplex radios. In Ethernet, the collision is immediately detected and
the random wait can start immediately. In AX.25, you have to wait for
the timeout of the missing Ack. The CS (Carrier Sense) part does not
work very well due to the hidden transmitter problem, thus, the access
control part falls apart very badly. I tried to introduce some simple
questions about the hidden transmitter problem into the Novice and
Communicator class question pool, which is under construction here in
Finland, but the questions were rejected as too complicated :-)

>2) It provides the leading flags needed to synchronize the HDLC clocks.

>3) It provides the Txd to handle transmitter and receiver settling times.

The Txd and the lack of real collision detect drastically drops the
throughput of a channel.

>4) It provides a way to avoid repeated collisions through its p-persist
> and slottime parameters.

If all stations could hear each other.

>5) It provides the hardware addresses in its header to which logical
> IP addresses are mapped (via ARP). (Hardware and logical addresses
> must be separate if multiple protocols are to be supported.)

>6) Its PID byte allows multiple higher level protocols to co-exist
> to/from the same hosts, simultaneously.

>7) It offers a checksum for initial packet validation, thus minimizing
> the CPU time required to discard a faulty packet. (Otherwise the
> packet would have to traverse layers all the way up to TCP before
> being validated.)

>8) It also offers the ability to discard packets which aren't addressed
> to the hardware address (call sign) of your station, again reducing
> wasted CPU time.

>It does more things as well, but that's a good start. AX25 plays the
>same role over radio that MAC plays over ethernet. And for the same
>reason, because they both use shared resources.

Unfortunately the propagation medium in Ethernet is well defined but
the propagation medium in packet radio is not. Protocols that work
well in Ethernet does not necessarely do so in packet radio.

>If you are using a
>non-contending point to point link, like a leased (or dial up after
>call setup is completed) phone line, or a duplex radio link on an
>exclusive frequency, then you don't need much of a MAC layer at all.

The "X.25" part of AX.25 works well as long as the transmission medium
is similar, i.e. _full_ duplex point to point with (relatively) low
bit error rate. IMHO, AX.25 should be reserved for trunk lines.

>But if you are sharing the channel with other stations, you must
>have something like AX25 to permit it to work.

I guess that many existing networks would work as well (or as badly)
as a simple Aloha type system without any access control :-)

Paul OH3LWR

3621. Question about the sequential callsign system

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDy6JF9.4Mv@netcom.com>
Source record: 216267

It wasn't entirely clear from the information sheet that accompanied the vanity callsign application, whether one could request *any* callsign (other than the "prohibited" ones, of course) that is appropriate from those callsigns allocated to the US.

I have held an Advanced class ticket since that class was born, in 1968. My original callsign was WA8RWL, in Michigan. Since I have lived in California since 1975, I would be interested in a "6" callsign that indicates my tenure as an Advanced operator.

Because I felt that existing amateurs who had
already qualified for full band privileges as a General should have been "grandfathered" when Incentive Licensing began, I discontinued my membership with ARRL at that point. Nearly thirty years later I rejoined, primarily as a convenient way to receive QST Magazine. As a result, I missed out on the opportunity to learn that I could get a 2x2 callsign.

Now, the KA#xx format was available only to hams in the first area (the New England states) originally, and KC6xx callsigns were assigned to the Caroline Islands.

My question: can I apply for a KA6xx 2x2 callsign under the auspices of the vanity callsign program (KA6CR, for example) that recoginzes my longevity as the holder of an Advanced class license in California, even though KA6xx callsigns were never available here? I'd like to get K6CR once I pass my 20-wpm code exam (I passed the Extra theory on Saturday) but that's farther back than I'm really entitled, and surely all of the 1x2 callsigns will be consumed today, when gate 2 opens.

Any advice will be welcome.

73 de Jim - KF6CR (actually, a fairly old callsign, since KQ6xx is being issued currently)

3622. Re: Alpha Bravo phonetics: the quickie version

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: Geoff Butler <geoff@gbutler.demon.co.uk>
Message-ID: <f5TkOEAgidRyEwo3@gbutler.demon.co.uk>
Source record: 216268
Cross-posted to: alt.usage.english,sci.lang,rec.radio.amateur.misc

In article <32445FFE.6DEC@fox.nstn.ca>, "Doug C." <crighton@fox.nstn.ca>
writes
>Actually... Quebec is pronounced KAY-bec in phonetic English as well as
>French. In some areas of western Canada, and the Maritimes
>(Newfoundland espec.) local dialect of course alters the pronunciation,
>ranging from QWE-bec, to KEY-bec. However Quebec is CORRECTLY
>pronounced KAY-bec in English.

Would you please be a smidgin (or even a full-sized smidge) more precise
in what you mean by 'English'. Canadian English? And what on earth is
'phonetic English'? And why isn't 'phonetic' spelt with an 'f'?

-ler

3623. FCC Interactive on-line 610-V filing requires graphics!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: mc@shore.net
Message-ID: <525pk0$q5p@northshore.shore.net>
Source record: 216269

This may be a mite late.....

A friend of mine tried to file his 610-V electronically earlier this morning. The problem is that he only has a text-based system through a dial-up shell account. He reports that this did not work and will have to make arrangements to use someone else's system that has the appropriate capabilities.

So, be advised: If you have not sent your form 610-V by mail/courier and are planning on filing electronically and do not have these advanced capabilities you may want to make arrangements to use a system that does.

Otherwise, you may be S.O.L.!

I'm sure glad I spent the $10.75 to send mine by Express Mail on Saturday. It was delivered at 11:00 AM yesterday morning. Now, the waiting begins!

73,

Michael Crestohl, W1(tba)
mc@shore.net

3624. Old mil. radio information wanted

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: erwin.cremers@ingram.nl
Message-ID: <5260r9$gop@news.NL.net>
Source record: 216270

Hello,

I'm a collector of old militairy radio equipmnet and was wondering if
there are sites on the net with information on Old mil. radio.

Thanks for your reply,

////////////\\\\\\\\\\\
Erwin Cremers
Dutch Radio Operator
PE1MGR
\\\\\\\\\\\\///////////

3625. ANARTS RTTY News Bulletin 927 22 SEPTEMBER 1996

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: dave@eram.esi.com.au
Message-ID: <5260a3$c06@eram.esi.com.au>
Source record: 216271
Cross-posted to: aus.radio.amateur.misc,rec.radio.amateur.misc,rec.radio.info

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This is the Australian National Amateur Radio Teleprinter Society,
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7.045 MHz -3 0030 UTC VK2CTD (COL)
14.070 MHz (amtor/fec) 0030 UTC VK2DPM (ALAN)
14.091 MHz 0030 UTC VK2DPM (ALAN)
146.675 MHz 0030/0930 UTC VK2JPA (PAT)
144.850 MHz (ax25 bbs) VK2JPA AT VK2WI
146.675 MHz (rtty mmbbs/repeater) VK2RTY

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Enquiries to the society should be addressed to
the Secretary A.N.A.R.T.S., PO Box 860, Crows Nest,
N.S.W. 2065, accompanied by s.a.s.e., or to VK2JPA at
VK2WI.

Views expressed in this news bulletin are not necessarily
those of the Broadcast Officer, the Relay Officers, or of the
Society.

A.N.A.R.T.S. News Bulletin 927 22 SEPTEMBER 1996

Cols Column.

I had intended this week to bring you some more on the subject
of early communications. However, the report on our RTTY contest
results is much more important, so here it is, from Jim VK2BQS.
Jim has sent me the new contest rules, which reflect the changes
made regarding certificates for Continents and 5 World placings.
One last thing, I will put a copy of the new rules on to the
Packet system after the cast this Sunday, watch out for that.
All contestants in this years contest will receive a copy in the
mail. cheers for now De Col VK2CTD.

REPORT ON ANARTS WW DX RTTY CONTEST 1996.

Preliminary Results Issued 14th September 1996.

PLAQUE WINNERS for FIRST PLACES in WORLD.

Classification A : Single Operator UT0I 4,198,658 pts

Classification B : Multi-Operator'S RK9CWA 5,389,360 pts

Classification C : S.W.L's ONL083 271,065 pts

CERTIFICATE WINNERS for 1st to 5th Places in WORLD.

Posn.	Class A.	Class B.	Class C.
1.	UT0I 4,198,658pts	RK9CWA 5,389,360pts	ONL383 271,065pts
2.	UR7E 3,346,276	AA5AU 3,965,922	ONL3997 11,424
3.	VK2KM 3,319,422	IK2BUF 2,816,144	-
4.	AB5KD 3,286,828	OH0JWH 2,558,460	-
5.	UN5PR 2,622,592	VK6GOM 2,082,785	-

CERTIFICATE WINNERS for 1st to 3rd Places in EACH CONTINENT.

CLASS	Posn.	NA	SA	EU	AS	OC	(AF)
A	1.	AB5KD	CE8SFG	UT0I	UN5PR	VK2KM	-
	2.	N1RCT	-	UR7E	RA0FU	ZL2JON	-
	3.	WA6VZI/7	-	UA4LL	4X6UO	VK5AI	-
B	1.	AA5AU	-	IK2BUF	RK9CWA	VK6GOM	-
	2.	VE3FJB	-	OH0JWH	-	-	-
C	1.	-	-	ONL383	-	-	-
	2.	-	-	ONL3997	-	-	-

Certificates for COUNTRY/MULTIPLIER Placegetters will be advised in the final Official Results which will be distributed to all contestants and will include comprehensive point scores as is our usual practice.

It will be noted that an additional area of Awards have been created for this year to recognise placings in Continents and also to extend the 'World' placings to five. This action was taken in reponse to a suggestion received from Ron, AB5KD, and it is hoped our contestants agree that it is a worthwhile change.

There is still much work to be done before the Full Results are published and the various Awards distributed, so please be patient.

73 de Jim. VK2BQS

WEEKLY SOLAR AND GEOPHYSICAL REPORT

(13 SEPTEMBER - 19 SEPTEMBER

ISSUED ON 20 SEPTEMBER 1996

SUMMARY
Date 13 14 15 16 17 18 19
10cm 67 67 66 68 69 69 69
A 14 12 15 18 8 17 (10 estimated)
T 2 -2 -4 -3 -7 1 -8

SOLAR ACTIVITY WAS VERY LOW ALL WEEK.

THE GEOMAGNETIC FIELD AT LEARMONTH W.A. WAS QUIET TO UNSETTLED 13TH 60 15TH AND 17TH SEPTEMBER; QUIET TO ACTIVE 16TH; AND UNSETTLED TO ACTIVE 18TH TO 19TH.

MAXIMUM USABLE FREQUENCIES AT SYDNEY WERE MOSTLY NEAR PREDICTED MONTHLY VALUES, WITH DEPRESSED PERIODS TO 30 PER CENT 17TH TO 19TH SEPTEMBER.

FORECAST (20 SEPTEMBER - 26 SEPTEMBER)

GEOMAGNETIC: MOSTLY UNSETTLED TO ACTIVE, WITH A POSSIBILITY OF MINOR STORM BETWEEN 24TH TO 25TH SEPTEMBER.

FREQUENCIES: HF CONDITIONS AT HIGH LATITUDES ARE EXPECTED TO DEGRADE.

COURTESY OF IPS RADIO AND SPACE SERVICES

RTDX0913 RTTY DX
VK2SG RTTY DX NOTES FOR WEEK ENDING 13 SEPT. 1996 (BID RTDX0913)

Our information this week comes from DJ3IW and the Central Europe DX cluster DB0SPC, I5FLN and the IK5PWJ Packet Cluster, I4MKN, I5IGQ, IK1CJO, OH2BUA, ON6TT/5X1T, PA0HVF, W5KSI, WB2CJL, ZS5S, 4X6UO, and the NJ0M Node of the Minnesota DX Packetcluster Network.

Bandpass:
Friday 6
0631-14082 NH6XM
1038-14084 EA9JZ
1126-14082 EA8AHX
1242-14085 UA2AO
1251-14084 4X6ZK
1307-14082 FT5WE
1354-14089 OD5SK
1544-14082 XT2DP
1919-14088 VP9CKN
2100-14083 ZD7DP

Saturday 7
0825-14083 ZD7DP
1240-14082 D68XS QSL via DL4XS
1308-21084 D68XS
1317-14084 RN6BY

1359-14085 CO2KG
1424-14086 RW9YL
1445-14083 5R8EN
1805-14088 TA2IO
1906-14089 XE3JA
2031-14084 HK3BZO
2112-14086 ZD7DP
2124-14080 ZP6CC
2212-14081 VP8CKN
2213-14088 S01M
2228-14081 CO2KG
2241-14081 ZP1LL

Sunday 8
0133-14084 FO5EM
0937-14084 IG9RAI AF-019
1010-14082 EA9JZ
1115-14086 TA2IO
1221-14087 Z37CEF
1224-14083 ER3KS
1302-14085 A43AT
1334-14084 UA2FP
1359-14086 FT5WE
1400-14088 5B4VX
1401-14084 SV8CRI eu-049
1405-14085 YB5NOF/8
1405-14087 UA2AO
1409-14085 YB5NOF/8
1454-14087 4S7NR
1534-14086 GU0SUP
1545-14087 EW8OS
2009-14087 EA9JZ
2015-14084 TA2IO
2017-14084 RW6BK
2025-14088 LU4MEI
2037-14082 Z37CEF
2051-14232 FR8CB SSTV
2232-14088 GB5RY

Monday 9
14086 HR1JRR
1108-14081 V63BM QSL via JA6BSM
1447-14084 4S7NR
1449-14079 TA2IO
1446-14085 BV7WB
1743-14085 RZ3AZ
1750-14083 TA2FT
1852-14085 SV8CRI
1858-14086 TA2IO
1934-14089 Z37CEF
1935-14082 HK3DDD

1937-14089 S52DD

Tuesday 10
1112-14082 PJ2MI
1205-14083 GD4EBA
1224-14082 EU1AZ
1331-14083 BV7WB
1345-14083 BV7WB
1421-14081 TA2IO
1428-14085 4S7NR
1437-14088 EW8OF
1445-14086 VK6GOM
1456-14082 4L1BR
1520-14085 A43AT
1655-14084 SV1BDO
1832-14089 EW8OF
1908-14083 TA2IO

Wednesday 11
1359-14081 EQ1AZ Belarus
1446-14084 V85GA
1447-14087 4S7NR
1500-14080 VR2FN Pactor
1515-14080 J28JY
1540-14082 5R8EN
1652-14088 XT2DP
1702-14083 5R8DG
2107-14085 5X1T

Thursday 12
0004-14087 HK3SGP
0154-18145 EX1FSK
1214-14081 OD5SK
1318-14081 TA2II
1357-14082 5B4/SM0TGG
1542-14076 VS6FN Pactor II
1617-145550 R0MIR Packet
1820-14089 EK6OCM
1825-14086 ZD7DP
1840-14386 ZD7SM
1856-14087 5H3LM
2031-14081 XT2DP
2035-14082 T00U QSL via WB2YQH

Notes of Interest:
The KYFC Department:
Peter, ON6TT/5X1T reports that the Heard Island Dxpedition team will land on Crozet for about one day, and on Kerguelen for perhaps two days. He promises to make RTTY ome of his priorities.

Arie, 4X6UO, who closely observes the goimgs on at the ITU in Geneva, says he is confident that amateur radio in Palestine and Gaza strip+Jericho will be legalized, with a new ITU designated prefix, at the beginning of 1997. Arie reminds us that ZC6 is not a currently recognized prefix for this area.

The VK2SG RTTY DX NOTES are also available on Internet at reflector digital-dx(at)st.rim.or.jp . See also the OH2BUA Webcluster at URL http://www.clinet.fi/jukka/webcluster.html .

For next week's bulletin, send your bandpass and notes of interest to Luciano, I5FLN at ZS5S.ZQAF.AF

73 es Good Hunting
de Jules W2JGR(at)W5KSI.hash-sign)NOLA.LA.USA.NA

ARLD042 DX NEWS

THIS WEEKS BULLETIN WAS MADE POSSIBLE WITH INFO PROVIDED BY MAURO, I1JQJ, THE 425 DX NEWS, CHRIS, G4BUE, THE DX NEWS SHEET, THE YANKEE CLIPPER CONTEST CLUB PACKETCLUSTER NETWORK AND CONTEST CORRAL FROM QST. THANKS TO ALL.

HRANEK, YT1AD WILL PARTICIPATE IN THE CQWW SSB CONTEST OCTOBER 26 AND 27 FROM 3V8AA ON 10 THROUGH 160 METERS. BEFORE AND AFTER THE CONTEST HE WILL BE ACTIVE ON CW ON THE NEWER BANDS. QSL VIA YT1AD.

UGANDA, 5X. PETER, ON6TT WILL BE ACTIVE AGAIN, INCLUDING 160 AND 80 METERS, AS 5X1T, STARTING SEPTEMBER 7. QSL VIA ON5NT.

BARBADOS, 8P. FROM NOVEMBER 15 TO 22, JOHN, K4BAI WILL BE ACTIVE AS 8P9HT.

REUNION ISLAND, FR. JON, EA2KL, AND LUIS, EA3ELM, WILL BE ON THE AIR FROM NOVEMBER 6 TO 12, SIGNING FR/ THEIR HOME CALLS.

JORDAN, JY. LOOK FOR BOB, WB9YXY, AS JY8XY FROM OCTOBER 1 TO 20. OPERATIONS WILL TAKE PLACE MAINLY ON CW, FROM 10 TO 80 METERS. QSL VIA HOME CALL.

MARTIM VAZ ISLAND, PY0. PT2NP, PT2GTI AND PT2HF WILL BEGIN OPERATIONS AFTER THE FIRST WEEK OF OCTOBER USING THE CALLS ZV0M AND ZV0MV. QSL VIA PT WDX, ABRA-DX BRAZILIAN ASSOCIATION, P.O. BOX 09647, BRASILIA (DF), 70001-970, BRAZIL, OR PT2GTI.

CENTRAL AFRICA, TL. TL8MS IS ACTIVE AGAIN. QSL VIA DL6NW.

ANTIGUA, V2. STEVE, WF2S, WILL BE ACTIVE SEPTEMBER 22 TO 28 AS V26Z. OPERATIONS WILL TAKE PLACE MAINLY ON 20 AND 17 METERS CW. QSL VIA HOME CALL.

NIGERIA, 5N. ALFRED, DJ0KN/5N3ALE IS QRV UNTIL THE END OF SEPTEMBER AS 5N4ALE FROM BONNY ISLAND. HE LIKES NETS AND IS OFTEN ON THE BRAZILIAN YL DX NET BETWEEN 1930 AND 2100Z

WEDNESDAYS ON 14248 KHZ. QSL TO HOME CALL.

MALTA, 9H. 9H3WD AND 9H3WM WILL BE QRV SEPTEMBER 21 TO 28 FROM COMINO ISLAND. LOOK FOR THEIR CW ON 1825 KHZ ANDV3 KHZ UP FROM THE BAND EDGE AND SSB ON 1845, 3780, 7060, 14260, 21260 AND 28480. QSL VIA OK1AD.

URUGUAY, CX. CLAUDIO, LU7DW, IS TRYING TO OBTAIN PERMISSION TO BE QRV AS CX/LU7DW FROM TIMOTEO DOMINGUEZ ISLAND AT THE END OF SEPTEMBER OR BEGINNING OF OCTOBER.

COMOROS, D6. MAIKE, DL4XS, MIRKO, DL6ET AND DIETER, DL3KDV WILL BE QRV FOR ANOTHER WEEK AS D68XS, D68ET AND D68DV AFTER CANCELLING THEIR FH OPERATION. QSL VIA DL4XS.

COMING EVENTS

SEPTEMBER 28TH-29TH CQ/DJ WW DIGITAL

OCTOBER 19TH-20TH JARTS WW RTTY

Society information

The Society may be contacted at : PO Box 860, Crows Nest 2065 Australia, for such matters as membership and general enquiries. Enquiries can also be made by packet to the President (Col) VK2CTD at VKWI2, or the Secretary (Pat) VK2JPA at VK2WI.

News items may be sent to Broadcast Officer PO Box 60 Blacktown 2148 Australia, or fax to (02) 9672-3392, or by packet to VK2JPA at VK2WI.

Email address for the Broadcast Officer is :

patl(at)pitt.conmusic.su.oz.au
or patl(at)extro.ucc.su.oz.au

The Society welcomes news items on any digital subjects from

73s de Pat VK2JPA Broadcast Officer

--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2KFU.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | D8 15 71 F9 26 C8 63 40 5E 63 5C 65 FC A0 22 99

3626. HAM Fest

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: georgef@prolog.net
Message-ID: <5262b4$eee@news2.ptd.net>
Source record: 216272
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.equipment,rec.radio.amateur.misc

Hi
Is there a WEB site that lists schedules for Ham Fest through the United States?

I'm looking for dates for Ham Fest in the SouthEastern PA area. I know of one that is held in York, PA but I can't remember what part of the year it is (I thought fall time) So if anyone knows the dates please respond.
Thanks,
George

3627. Re: Travel with toys (electronics)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: kropla@cris.com
Message-ID: <32468e6a.2435484@news.neosoft.com>
Source record: 216273
Cross-posted to: rec.travel.air,alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc,rec.aviation.piloting

jamoran@indirect.com (John Moran) wrote:

>has anyone traveled domestically (US) or Internationally with electronic
>equipement and experienced any security delays related to the toys you
>were traveling with.

I can't say I've undergone any extensive delays. Anymore, most places
do want me to fire up my laptop and show that it can do something.

Leaving Aberdeen, Scotland a couple of weeks ago I was subjected to
the most intensive scrutiny I've ever seen. Though quite cordial, the
security officer asked me to light up every little item in my
briefcase: pocket calculator, battery-operated shaver, mini-maglight,
and of course the computer. The he found my "hushers" (Noisebuster
head cancelling headsets.) He asked how those worked and I explained
that if we wanted me to show him he would need to put them on. He
did, and I fired them up. When they went into operation, he responded
"Brilliant!" and sent me on my way.

____
Steve Kropla
Kingwood, Texas USA
kropla@cris.com
Help for World Travelers: http://www.cris.com/~kropla/

3628. Re: Aircraft Odd Radio Noise

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: jdreed@atl.mindspring.com
Message-ID: <52669o$3oh@camel3.mindspring.com>
Source record: 216274

Mark Matthews <hflyer@exit109.com> wrote:

>I have a problem I own a 1968 Cherokee Six PA32-300 we have noise in the
>Airplane we
>picked up. We have Pronouced "Click" we hear every few seconds at
>regular intervals.
>It can be heard by the Nav/Com or DME Radios when everything is turned
>off but them and
>it seems to be only occuring in the Air. Mostly Radio frequencies that
>end in .00;
>.25; .50; or .75 seems to have the problem. I have King Nav/Coms and a
>Narco DME which I just got back from Narco trying to cure the problem.
>Any and all Help would be appreciated.
>Mark Matthews
>hflyer@exit109.com
>Any and all help and suggestions would be appreciated.

From your description I would deduce the following:

1. The most likely thing is some electrical device that isswitched on
and off automatically.
Try turning of the strobe lights or rotating beacon.
Also make sure the electric fuel pump is off.
Try turning off the transponder and see if it goes away.
If none of that works turn off the master and see if it goes away.

2. Another possible cause is a problem in the audio panel.
(Am assuming that the radios are ok)

Joe Reed
K7CJ
Grumman Cheetah

3629. Re: Question: 1/4 wave vertical antenna length

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep23.131443.12032@ke4zv.atl.ga.us>
Source record: 216275

In article <52501a$bei@rover.ucs.ualberta.ca> "dupuis@freenet.edmonton.ab.ca"
<dupuis@freenet.edmonton.ab.ca> writes:
>This should be a simple question, sorry for the post...
>
>The ARRL guide gives a formula of Length(feet)=234/Freq(mhz). For 27.2
>Mhz, this would give a 1/4 wave vertical length of 103.1 inches.
>
>I've always thought that 27Mhz 1/4 wave would be about 108 inches, and
>this is confirmed from formula = (speed of light/freq)= wavelenghth, or
>(300,000KM-s/27.2MHz)=11.1Meters or 108inches at 1/4 wavelength.
>
>Why is there a difference?

End effect. That causes about a 5% shortening of the element compared
to the free space wavelength/4. When the field reaches the end of the
element, it doesn't stop there. It extends out into space a bit before
returning. So the element's physical length will be a bit shorter than
its electrical length. (That's a simplistic explanation, but is useful
for visualization. What really happens is a loading effect due to end
capacitance, but the result is the same, the field energy is stored in
the end capacitance for a moment, and that's equivalent to a greater
electrical length.)

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3630. Re: Thanks Carl

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <5268is$kfv@sjx-ixn6.ix.netcom.com>
Source record: 216276

In <524ulp$6ro@lehi.kuentos.guam.net> pacrimgolf@kuentos.guam.net (Jim Kehler) writes:
>
>kc5egg@ix.netcom.com(Gerald Schmitt) wrote:
>
>>What took you so long Jim I expected some inane comment much sooner.
>>What I said is quite true. The nasty pro coders on the internet have
>>moved me from neutral to rather strongly anti code. Is this the result
>>you pro code folks want? I think not.
>
>That wasn't an 'inane comment' Jerry, that was a compliment. First one you
>ever got so you probably didn't recognize that it was one.
>
>I hope you don't read any of the diet newsgroups on internet, because if fat
>people turn you to rather strongly anti food, you might shrivel up and blow
>away.
>
>>You may proceed to insult me now.
>
>You still don't understand the insult process, do you ? Begging for insults,
>just like begging for HF privledges, doesn't work. Certain things in life you
>just have to *earn*, Jerry.
>
>Have a nice day,
>Jim KH2D
>
>
Jim,

Why is it that I would have to beg for HF priviledges? Can't I just turn on my Icom and HL2200 and have at it? Explain I am confused. Have I missed something? Please explain to poor grasshopper.

Jerry

3631. Re: Aircraft Odd Radio Noise

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: William W Janssen <billj@calweb.com>
Message-ID: <5267n2$dmj@news.calweb.com>
Source record: 216277

Mark Matthews <hflyer@exit109.com> wrote:
>I have a problem I own a 1968 Cherokee Six PA32-300 we have noise in the
>Airplane we
>picked up. We have Pronouced "Click" we hear every few seconds at
>regular intervals.
>It can be heard by the Nav/Com or DME Radios when everything is turned
>off but them and
>it seems to be only occuring in the Air. Mostly Radio frequencies that
>end in .00;
>.25; .50; or .75 seems to have the problem. I have King Nav/Coms and a
>Narco DME which I just got back from Narco trying to cure the problem.
>Any and all Help would be appreciated.
>Mark Matthews
>hflyer@exit109.com
>Any and all help and suggestions would be appreciated.

You probably allready checked but see if the timing matches your stobe lights. I have seen a similar problem whith those lights (many years ago).

Bill K7NOM

3632. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <526954$pf7@freenet-news.carleton.ca>
Source record: 216278

Steve - KF2TI (adell@planet.net Landing, NJ) writes:
>> --
>> -=Paul Flaherty, N9FZX | "Just name a hero, and I'll prove he's a bum."
>> ->flaherty@pa.dec.com | -- Col. Gregory "Pappy" Boyington
>
> careful, carl knows more about everything than anyone. As him, he'll tell
> you about all his patents and inventions. PLUS...he can copy 20wpm
> of code in his head. WHY, you ask, cause things move faster in a vaccum
>
> steve"the troll" (named so by Carl his self)

Correct me if I'm wrong but I believe a troll is a "small green ugly creature, demonish in character, which habitates under bridges and/or crossings and plays tricks in the same pattern as poltergeists." I think.

They are about 3 feet tall and the figment of someone's imagination.

--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

3633. Re: Travel with toys (electronics)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: mvi@ix.netcom.com
Message-ID: <3246D9C7.4A62@ix.netcom.com>
Source record: 216279
Cross-posted to: rec.travel.air,alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc,rec.aviation.piloting

John Moran wrote:
>
> has anyone traveled domestically (US) or Internationally with electronic
> equipement and experienced any security delays related to the toys you
> were traveling with.
>
> I usually travel with a shortwave radio (SONY-2010), I also take along a
> hand held scanner (either Regency HX-1000 or AOR-1000) to listen to the
> action in the air and around where I'm going.
>
> I have been able to give everyone a heads up on glight delays based on
> what I was hearing on my scanner..either weather, mechanical, or ATC flow
> control delays.
>
> also, when I am driving, the scanner gives me real-time road information.
> If I hear a police or fire dispatch or a chase on the scanner, I know to
> plan for an altenate route. Beside police and fire, I can scan all the
> radio traffic reports they commonly use frequencies in the 450-451mhz area
> Airline operations frequencies are usually in the 128.0-132.0 mhz(AM) and
> 460.6-461 mhz (NFM) area. At some airports, a trunked 800mhz system
> operated by ARINC may also be in use.
>
> In Germany, I did have a brief delay..they wanted to know how the
> SONY-2010 worked. I explained...they also used a sniffer to check for
> anyh traces of nitrates (explosives) I did have aproblem with the scanner
> that I had in a pouch on my belt...Airport security (Police) wanted to
> know what i was doing with the scanner. I showed them my frequency
> lists..all were for Police, fire, and aviation frequencies in either
> Arizona or Southern California.....Finally, I was able to get the
> scannerhome by letting the plane's captian agree to carry it in a special
> pouch.
>
> JOHN

Two weeks ago I traveled round trip between JFK and Rome on TWA. My
Uniden scanner was in my briefcase and my Grundig YB400 was in my
carry-on garment bag.

Neither radio raised any eyebrows in either airport. Both bags went
through x-rays and were not hand checked.

As a precaution, I carry the owners manuals for the radios as well as a
copy of my amateur operators licence when I travel with my radios.

In the past, I have traveled domestically with my HTX-202, again with no problems.

I hope this helps you,

73,

John, KB2YJH

3634. Re: QRZ callsign database -- county error

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: Hans K0HB <71111.260@CompuServe.COM>
Message-ID: <526bdljuk1@mhafn.production.compuserve.com>
Source record: 216280

Postal addresses (from which most of these databases calculate your address) do not always accurately indicate your county of residence, especially in rural areas. In some cases, your postal address may not even reflect the correct state. I recall a fellow whose postal address was Arizona, but who actually resided on a rural route in New Mexico.

--
--
73, de Hans, K0HB
Liberator of the Blue Smoke, and
Minister of Cue Are Nancy

3635. Re: Aircraft Odd Radio Noise

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: Bob Doyle <doyle@primenet.com>
Message-ID: <3246B24C.30F926FF@primenet.com>
Source record: 216281

Don't know much about piston aircraft but...
Jets can get this type of interference from "p-static", that is, static electricity that is built up on the surface of the aircraft as it moves through the air. The "click" occurs when an electrical discharge (spark) occurs. This discharge can occur between two poorly bonded sections of aircraft or between the aircraft and the surrounding air. Static wicks on the trailing edge of the aircraft surfaces are the usual solution to the latter type of discharge.

This phenomena occurs only in certain type of weather conditions.
Maybe someone can clarify if this happens with aircraft of this size.

Bob

Mark Matthews wrote:
>
> I have a problem I own a 1968 Cherokee Six PA32-300 we have noise in the
> Airplane we
> picked up. We have Pronouced "Click" we hear every few seconds at
> regular intervals.
> It can be heard by the Nav/Com or DME Radios when everything is turned
> off but them and
> it seems to be only occuring in the Air. Mostly Radio frequencies that
> end in .00;
> .25; .50; or .75 seems to have the problem. I have King Nav/Coms and a
> Narco DME which I just got back from Narco trying to cure the problem.
> Any and all Help would be appreciated.
> Mark Matthews
> hflyer@exit109.com
> Any and all help and suggestions would be appreciated.

3636. Re: U.S. Navy CW Call Signs

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: Hans K0HB <71111.260@CompuServe.COM>
Message-ID: <526bqbjuk2@mhafn.production.compuserve.com>
Source record: 216282

International Callsigns for US Navy ships are contained
in a publication (ACP 113?) not likely to be available to
the public.

These calls (4-letters starting with "N") are not
used exclusively only on CW, but on digital circuits
and also visually. In fact, they are displayed via
signal flags when entering or leaving port.

In the case of ships which are named after people, the
callsigns frequently include the initials of that
person, for example USS F. D. Roosevelt = NFDR,
USS John F. Kennedy = NJFK, USS Forrestal = NJVF.

--
--
73, de Hans, K0HB
Liberator of the Blue Smoke, and
Minister of Cue Are Nancy

3637. Re: FCC Interactive on-line 610-V filing requires graphics!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <5265fj$1br@anomaly.ideamation.com>
Source record: 216283

In article <525pk0$q5p@northshore.shore.net>,
Michael Crestohl <mc@shore.net> wrote:

>I'm sure glad I spent the $10.75 to send mine by Express Mail on Saturday.
>It was delivered at 11:00 AM yesterday morning. Now, the waiting begins!

Just a mite curious, but your note is dated 23-Sep-96. If your package
was delivered "yesterday", that means it was delivered on a Sunday? I
wasn't aware that Express Mail had Sunday delivery.

Also, didn't the FCC state that requests received before the 23rd would
be returned to the sender? In that case, if yours was delivered yesterday,
wouldn't it be returned to you?

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

3638. Re: Question about the sequential callsign system

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: prvalko@saturn.acs.oakland.edu
Message-ID: <526cqt$52@news2.acs.oakland.edu>
Source record: 216284

Jim Lowman (jlowman@netcom.com) wrote:

: My question: can I apply for a KA6xx 2x2 callsign under the auspices of the
: vanity callsign program (KA6CR, for example) that recoginzes my longevity as
: the holder of an Advanced class license in California, even though KA6xx
: callsigns were never available here?

I can not answer that, BUT you should now remember that a callsign will
NOT indicate ANY "longevity." That is the main reason why I am dumping
my 2x3 call after 20 years! Mine's a pretty miserable call on CW, about
as bad as it could possibly be...

I called FedEx and found out my 610V was delivered this morning at 9:30!
Keeping the fingers and toes crossed... I calculated a 300:1 chance of
getting my #1 choice call, but I'll be happy with ANY of the 25 choices
I selected... hope there are some left when my application gets drawn
out of the pile.

73! =paul= wb8zjl (for a few weeks)

3639. Re: 4-5 kw Generator Recommendations??

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: wb4yuc
Message-ID: <5264ck$ohr@lex.zippo.com>
Source record: 216285

In article <1996Sep22.210323.9201@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us says...
>
>In article <520lmq$lf0@lex.zippo.com> wb4yuc writes:
>>

>One of the reasons I like diesels is that the fuel can be stored
>for long periods. You can't do that with gasoline. So when that
>really bad emergency hits you don't have to go looking for fresh
>fuel right away.

I think we need to define that "long" period of time.
I have sucessfully stored gasoline for a year. Besides,I would
certainly hope the owner wouldn't just let the generator sit
idle.

Generators need to be tested routinely, an emergency isn't
the time to figure out if it is going to fire up or not.

I don't think the storage issue is really a problem here,
unless the unit were going to sit for more than a year. If so,
other things need to be done to the engine anyway
to prepare it for storage, which includes draining out any
fuel.

Anyone properly prepared will have fresh fuel available,
this should be included in their disaster planning. Being
ready for something isn't seasonal.

>Diesel can be gotten from any long haul truck,

I can't see these guys giving up any of their fuel when they are
expected to haul much needed items into a disaster area, get out
and deliver more ASAP.

>or from farm equipment, or heavy equipment.

Farm equipment isn't real common stuff here, and I don't think
I would want to risk getting arrested while trying to get fuel from a piece
of heavy equipment sitting around somewhere. If the equipment is in use,
again, I don't think that the operators would be willing to share
fuel when they are under orders to move debris and open roads.

>
>A diesel can also run on home heating oil, JP4, kerosene, or
>even vegetable oils such as peanut oil, corn oil, or other
>cooking oils. They stink a bit, but they work. The diesel also
>is usually more fuel efficient, so you don't need so much fuel.

>And the diesel is usually more rugged, and usually lasts longer,
>than gasoline engines.
>

I think most of the above gets to be hair splitting. I'm not
sure any generator owner will want to subject his diesel to
cooking oil.

In my opinion, unless the generator is going to be used to
power a building, which may mean it will sit for years before
being called upon, I would stick with gasoline for a radio
club who will(hopefully) use the generator on a regular basis.

If the club does get a gasoline engined generator and long term storage
becomes a problem, there are simple kits which will convert it to
run on propane, although that is difficult to find also.

Having lived through Andrew, I know that in the end, it was
planning that made the difference. Our radio club made sure that we
not only rotated operators, but provided them with anything
else they needed, including generator supplies. We were in the
fringe are of the strom, so we were able to be an effective
aid.

Something else to consider. All the planning in the world isn't
going to amount to a hill of beans if you end up being directly
in the affected area where there is mass devistation. You will be
too busy trying to survive yourself, much less than aid in any
emergency relief. The best equipment in the world won't do you
any good if it is destroyed or made unservicable by the incident.

A plan to accept outside help needs to be devised as well.
I know this may seem off topic, but it all plays a role in
disaster planning. A generator is just one piece of the puzzle.

Regards,

Bruce, WB4YUC

3640. Re: FCC Interactive on-line 610-V filing requires graphics!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: tgold@microvst.demon.co.uk
Message-ID: <843497395snz@microvst.demon.co.uk>
Source record: 216286

In article <5265fj$1br@anomaly.ideamation.com>
kd1hz@anomaly.ideamation.com "Michael P. Deignan" writes:

> In article <525pk0$q5p@northshore.shore.net>,
> Michael Crestohl <mc@shore.net> wrote:
>
> >I'm sure glad I spent the $10.75 to send mine by Express Mail on Saturday.
> >It was delivered at 11:00 AM yesterday morning. Now, the waiting begins!
>
> Just a mite curious, but your note is dated 23-Sep-96. If your package
> was delivered "yesterday", that means it was delivered on a Sunday? I
> wasn't aware that Express Mail had Sunday delivery.

If Michael wrote that yesterday was Saturday, it probably was
when he wrote it.

> Also, didn't the FCC state that requests received before the 23rd would
> be returned to the sender? In that case, if yours was delivered yesterday,
> wouldn't it be returned to you?

No they never said any such thing. The filing date of the
application is the date of arrival it arrives on a non-holiday week
day. Otherwise, the filing date is the next non-holiday week day
following the date of arrival.

Only premature filing, i.e. a filing with a filing date prior to the
start of the applicable Gate, will result in rejection and return of
the application, not premature arival.

My application also arrived on Saturday, and both mine and Michael's
will be treated no better or worse than the Monday arrivals. BTW, I
could only think of 3 calls to put in the space available for 25. I
must lack imagination.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

3641. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <526gjv$ocm@jupiter.planet.net>
Source record: 216287

> dg198@FreeNet.Carleton.CA (Frank Sved) writes:
>
> Steve - KF2TI (adell@planet.net Landing, NJ) writes:
> >> --
> >> -=Paul Flaherty, N9FZX | "Just name a hero, and I'll prove he's a bum."
> >> ->flaherty@pa.dec.com | -- Col. Gregory "Pappy" Boyington
> >
> > careful, carl knows more about everything than anyone. As him, he'll tell
> > you about all his patents and inventions. PLUS...he can copy 20wpm
> > of code in his head. WHY, you ask, cause things move faster in a vaccum
> >
> > steve"the troll" (named so by Carl his self)
>
> Correct me if I'm wrong but I believe a troll is a "small green ugly
> creature, demonish in character, which habitates under bridges and/or
> crossings and plays tricks in the same pattern as poltergeists." I think.
>
> They are about 3 feet tall and the figment of someone's imagination.
>
> --
>
>
> Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

well that answers that. everyone i've asked, even some electronic wizards who
are on this usergroup and think carl is the embodiment of a LID, couldn't
tell me what a troll was. I can't figure out how Carl knows me as we have never met,
at least in person. Maybe in a previous life when Carl was a boar, hmmmm
seems to me he still is, pnly spelled b-o-r-e.

5'10" but not green, except in really REALLY heavy seas
I have been know to be a bit impish in some of the things I do
I do like to play tricks, however nothing nasty

And since Carl has seen fit to call me such, I will haunt him and his
amateur welfare state cronies until such time as this vicious
curse is lifted.

3642. Re: rsgb making disabled pay

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: keith@g8eap.demon.co.uk
Message-ID: <843498700snz@g8eap.demon.co.uk>
Source record: 216288
Cross-posted to: uk.radio.amateur,rec.radio.amateur.policy,rec.radio.amateur.misc

Hi

A few weeks ago, I had read to me (I am Blind) a Letter from the Radio Society of Great Britain informing me that with regret they would no longer be granting Free Membership to Disabled Persons and that I would have to pay P18 in future. However, they would *CONTINUE* to give Free Membership and a Free Copy of the Tape Version of "RADCOM" to Blind Persons. (As my Records at HQ should show me to be Blind, it would have been nice if the Letter had been in an Accessable Format - Tape or DOS Text File - but then you can't have everything can you?)

I was certainly interested in this Free Tape Version of "RADCOM" which was to *CONTINUE*. Some years ago, when the R.S.G.B. introduced Free Membership for the Disabled those of us who are Blind were told that if we wanted to receive Extracts of "RADCOM" on Tape we would have to pay a *MINIMUM* of P10 per year! I have to say that at the time I accepted the 'Offer' without delay as at that time I was paying *FULL* Corporate Membership *PLUS* P7 per year to another Organisation for a Tape Version of "RADCOM". I have paid the P10 per year each January by Standing Order ever since. Do I take it that I am due a Refund of all thos 'Tenners'?

As I consider it most important that the Radio Society of Great Britain should be supported by all those with an Interest in Amateur Radio and Related Hobbies, despite the fact that they don't always 'get it right' all the time, I will probably opt to increase my Standing Order to the P18 but it does seem a little strange that those of us who are Blind should not have been aware of the previous change to wholly Free Membership - if it did change!

73 de Keith G8EAP and G0WQD
(R.S.G.B. Member since January 1964)

[Note to the R.S.G.B. 'Lurker' (see Posting "Not The Last Word"): Feel free to convert this to a 'Letter to the Editor' for "RADCOM"]

--
Keith Rothwell
Bury, Lancashire, United Kingdom
keith@g8eap.demon.co.uk

3643. Re: Datagram vs Connected (was: ARRL "Representation" on code and other issues)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: Jeff King <jeff@mich.com>
Message-ID: <3246DB4A.1EE4@mich.com>
Source record: 216289
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

Brian Kantor wrote:
>
> gary@ke4zv.atl.ga.us (Gary Coffman) writes:
> >VC mode, IE AX25 connected mode, basically duplicates the TCP transport
> >function, and is usually just an undesirable overhead in a network where
> >all switches support TCP/IP.
>
> This is what we thought a few years ago. Unfortunately, we've since
> found out that it isn't true, and the 'connected mode' AX.25 has since
> proven to have advantages over datagram mode even when carrying TCP/IP
> traffic.
>
> The reason is (in hindsight) simple - ALL of the TCP retry algorithms
> are end-to-end, and are nearly ALL predicated on the assumption that the
> network discards IP packets for only one reason: router congestion.
> TCP was simply not designed to efficiently operate in a lossy network.
>

This is what I have seen also. On some of our longer links, we found
them
more reliable under NETROM then in DG on top of AX.25. No doubt this was
due to the 'lossy' RF network.

>
> There's some strong feeling that using PPP to frame the IP going over
> the connected-mode links would be an improvement - the headers aren't
> large and would contribute little overhead, and some of the option
> negotiation (including compression) would be a win. It's being
> experimented with now and maybe we'll see some results soon.
> - Brian

Not been keeping up with tcpgroup. Where is this work/code available at?

-Jeff WB8WKA
mailto:jeff@mich.com

3644. Radio Regulations in Germany?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: chris.neuman@ualberta.ca
Message-ID: <chris.neuman-ya023060032309961156120001@news.srv.ualberta.ca>
Source record: 216290

Hi all... first-time poster to r.r.a.m...

We're considering taking up a collection to buy a relatively cheap shortwave radio for a friend of ours who is spending the next few months in Bonn, Germany.

We've heard rumours of fairly strict restrictions about the shipment/ownership of these kinds of radios within Germany. Talk of fees, import restrictions, etc. have scared us slightly.

Anyone have any ideas what kinds of hoops there are to send this to our friend? He's not as versed in German as he'd hoped, and I'm sure he'd be interested in knowing what's going on back in Canada.

Thanks for any advice. If you want, you can follow up to this group, or e-mail me personally at chris.neuman@ualberta.ca

Thanks!

Chris Neuman

3645. Re: Aircraft Odd Radio Noise

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: jma@ih4gp508.ih.att.com
Message-ID: <526ks2$4ek@ssbunews.ih.lucent.com>
Source record: 216291

In article <5267n2$dmj@news.calweb.com>,
William W Janssen <billj@calweb.com> wrote:
>Mark Matthews <hflyer@exit109.com> wrote:
>>I have a problem I own a 1968 Cherokee Six PA32-300 we have noise in the
>>Airplane we
>>picked up. We have Pronouced "Click" we hear every few seconds at
>>regular intervals.
>>It can be heard by the Nav/Com or DME Radios when everything is turned
>>off but them and
>>it seems to be only occuring in the Air. Mostly Radio frequencies that
>>end in .00;
>>.25; .50; or .75 seems to have the problem. I have King Nav/Coms and a
..... some deleted
>You probably allready checked but see if the timing matches your stobe
>lights. I have seen a similar problem whith those lights (many years
>ago).
>
>Bill K7NOM
Don'k know if your bird is old enough to have a mechanical voltage
regulator. I had a problem like that in a '61 Cessna 172B. Would hear
a regular "tick" in the radio audio in flight. Knew it wasn't strobes -
didn't have any and the beacon was the old fashioned "rotating" kind.
Finally figured it out one nice VFR day when I let my gaze fixate
on the engine instrument cluster (Naughty!) long enough to see the
same "tick" in the ammeter pointer as the voltage regulator switched
on and off.

Good luck and 73
--
This posting is purely the personal opinion of
Ed Schaefer eschaefer@lucent.com ham radio: K9JMA

3646. Re: Morse Code again (was Re: re: do we build? was(re: arrl survey ignores 7 of 8 wrc-99 issues!)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: Chris Broadbent <cfb@bga.com>
Message-ID: <3246EA9D.7240@bga.com>
Source record: 216292
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew

orion@capital.net wrote:
>
> ...<SNIP>
>
> .... And for the "Try CW, You'll
> learn to love it!" group, I say "Nuts to you." I worked on that damn
> Morse Code until it made me sick. It's still just noise to me. Now I'm
> forever locked out of the HF spectrum because of this discriminatory
> rule.
> Butch N2YMJ

Yes, there is a homebrew aspect to this response further down....

And what if, try as you might, you couldn't get the technical aspects of the tests right (many people can't)? Would you cry "discrimination" because, after all, why do you need to know what thosed damned transistor squiggles and Ohm's law thingies are? Only homebrewers need to know these things, not appliance operators. Who needs to know how an engine works to drive a car, after all? Why do you have to understand the components of a phase modulated TX when all you ever intend to do is key the mike on your Yeasu wonderradio?

I could make as big a case for removing most of the technical requirements as you are making for the removal of the code requirement. If successful, would we be better Hams? I don't think so.

Mark my words, if the CW requirement is removed, the technical requirement will follow. That would be a sad day.

And before anyone cries, "but it's alright for you, you have passed the tests", I'll point out that I have been a supporter of the code requirement both before and after writing my tests recently (a quick search using Deja News will verify this).

Again, I like the homebrew aspects, and there is no simpler homebrew starting point than a CW TX. The CW requirement encouraged me to enter, as I know there are many people out there with whom I can communicate using my freshly made homebrew TX. A selfish position, perhaps, but no more selfish than those who clammer to have the requirement removed because they cannot pass.

Chris (KC5VQL)

3647. Re: HAM: Getting started

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep23.170152.12694@ke4zv.atl.ga.us>
Source record: 216293

In article <Pine.A32.3.93.960911161028.35804A-100000@srv1.freenet.calgary.ab.ca> "Jeremy Vink (aka \"Datum\")" <jvink@freenet.calgary.ab.ca> writes:
>How would I get started in HAM radio? I don't have ALOT of money, but I'm
>willing to shell out just about anything less than $100. Also, how would I
>get a HAM licence?

You need a Canadian license, of course. I don't know if there is a website with Canadian info. However, the ARRL has one with beginner info for US hams. It is www.arrl.org. Give it a look. There's lots of good information there for the beginner. Though the licensing details are different for the US and Canada, there are large areas of similarity. I think Industry Canada handles your amateur licensing now. Give the local branch a call for more info. And try to find a local radio club and join it. You'll find a wealth of experience and help there.

Now as to getting on the air for under $100, it can be done, though it may take a bit of effort on your part. If you are interested in VHF or UHF, you can find old or surplus radios for under $100, usually closer to $50, that will serve you very nicely. They may need a bit of work, but nothing you can't handle with a little help and advice, and many of them will outperform brand new radios when you're done. They'll be a bit big by current standards, however.

Things to look for are Motorola Micors or Mitreks, or GE Exec II or Mastr II models. These are trunk mount FM radios originally used by land mobile or police. They were made to last, and they were made to perform well, and most of them still do. You may also find smaller radios. The Motorola Maxar and the GE MVP are under dash mount radios. While they aren't quite as robust as the trunk mount radios, they're still good. All these radios were intended to be mounted in cars, but you can use them at home too with a 12 volt power supply.

A few radios made originally for amateur use which are worth considering (a good number of older amateur rigs *aren't* worth considering) can also be found for under $100. These usually aren't as good as the commercial surplus radios mentioned above, but they're usually smaller and "cuter". A couple of models would be the IC22A or IC22s, and the TR22A. You might also find an old 2m handheld radio for $100. The model to look for if you can find one inside your budget is the IC2AT. For less money, you can probably find an old Wilson MkII or MkIV crystal controlled handheld. And surplus Motorola and GE handhelds can also be retuned to the ham bands. (These, especially Motrolas, still command a premium price among some hans, though, so you're likely to find an amateur HT cheaper.)

Note, I don't recomend a handheld as your first and only radio. It is really a specialized tool for foot mobile operation, and really

doesn't work well for other uses, but foot mobile may be just what you want.

You can also build a simple FM radio for well under $100. There are single chips which handle the receiver and transmitter functions that are only a couple dollars each (Motorola makes some suitable ones normally used in cordless phones (but the chips will work up to 200 MHz), and you may be able to rob them out of an old cordless phone whose only sin is fried batteries and spend zero dollars). This will be very low power, of course, so you will need to spend another $15-$30 to get the power up to a respectable level with a simple amplifier. RF Parts sells suitable hybrid modules for this, or you can build one from a couple of discrete transistors and a handful of other parts.

Note, for crystal controlled radios, and that's most of those I've mentioned, you're also going to have to buy crystals. Those are about $10 each, so consult the locals for the good frequencies before dropping money on crystals. One repeater and one simplex frequency will be enough to start, but choose the right ones for your local area (see your local radio club for advice).

Note too, while I always encourage people to build, and the above project is almost foolproof if you follow the Motorola application notes, a bit of test equipment really is needed. The most important piece of test equipment is a good working receiver. Chicken and egg time, eh? So I suggest you go with a used working radio as your first rig. Later you can build things using it as a test set.

Getting on HF *effectively* for under $100 is a bit more challenging. You may be able to find old old equipment, or very badly broken equipment in that price range. Or you could certainly build a low power transmitter for well under $100, transmitters are easy, but the receiver is a problem. An *effective* HF receiver is going to push your $100 budget all by itself. In fact, most of the cost of a top line new transceiver for HF is in the receiver section, not the transmitter section, and we're talking in the $2000+ range there.

Of course you don't have to get that fancy. You can build your own receiver for under $100 that'll work well enough to get you on the air, but that does require a bit of test equipment to do properly, and the best single piece of test equipment you can own is once again a good commercial receiver. Chicken and egg again. If you can find a local ham to help (and you should try very hard to do this anyway), you might be able to use his test equipment, including his receiver, for tuning up your own homebuilt unit.

But perhaps the better course is to find a bit more money and get an old *working* commercial rig as your starting point on HF. You can find a Drake 2B for around $100 in working condition (though some of the tubes may be a bit weak). That was once one of the best receivers, and it is still good enough to be useful. Or if you can

scrape together $200-$300, you can find *transceivers* (both transmitter and receiver in one box). The Drake TR3 should be in this price range (and maybe a somewhat abused TR4 as well). The Galaxy V MkII is in this price range, and that's a compact 400 watt PEP unit, quite respectable. Tubes are hard to find for it now, though, and that could be a problem. Stepping up to the $300-$400 range, you have several good choices. The TS520 should be in this price range, or an early FT101. TR4Cs in better condition will also be in this range. You might even find one of the early all solid state rigs in this range. That gets you away from hunting now rare tubes, but some of the early all solid state radios were really wretched, and the older tube stuff may work better.

Now none of these will really be up to modern performance levels, but they'll certainly work, and are still better than some of the rigs many of us older hams started out using. The Drake 2B wasn't out yet when I started, and I couldn't afford a surplus R-390 (there weren't many of those on the surplus market back then anyway), so I had to make do with a much used S-28 I found in a fleamarket for $5 (real money back then). That was positively ancient even back then, but it worked well enough to let me hear my signals, and those of a few others.

And hearing the diddle-diddle of RTTY soon had me searching out a decrepit, and rusted solid, old boat anchor teletype machine from the RR junk pile. For me, beeping Morse got old *real* fast. I spent a bunch of hours in my daddy's machine shop fixing up that old TTY, but when I was done it was as ready to eat trees as the day it left the factory. I scrounged a pair of 211 tubes and built the most godawful push-pull power oscillator you ever saw, with straight AC on the plates (from an REA "donated" transformer), and FSKed it with the loop relay.

The government soon took note of my "note", and sent one of those cute pink QSLs in its little window envelope which quickly had me hunting up rectifiers and filter capacitors. My "bible", a very old edition of the Handbook found in the county library, mentioned electrolytic rectifiers and Leyden jars. I raided my grandmother's stock of canning supplies, and soon had a string of electrolytic rectifiers bubbling away happily and feeding a stack of Leyden jars.

I proudly sent the government a description of my "fix" to the rough note problem. When I answered the knock at the door, boy was I surprised to meet those two nice FCC guys. They'd driven all the way from Louisville to see my station. They let me keep it too, but made me put a NO SMOKING sign over the barn door and made me promise to keep the doors open when I transmitted. The next mail I got from them was a package containing a brand new 1963 Handbook. I still have it, sitting in a place of honor on the shelf behind me as I type this.

Remember, any radio at all is better than no radio.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3648. E.F. Johnson variable

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: Keith Piercey <kpiercey@atcon.com>
Message-ID: <526rkp$4ut@thor.atcon.com>
Source record: 216294

Anyone out there have the specs on an E.F. Johnson air variable
capacitor model 153-11-3. Why don't they put the value on the device
and make life so much simpler. :)

de VO1AE Keith

3649. Re: 4-5 kw Generator Reco

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: rick_smith@vnet.ibm.com
Message-ID: <526tp6$1jii@ausnews.austin.ibm.com>
Source record: 216295

In <Dy5x2w.K0u@encore.com>, psoper@encore.com (Pete Soper) writes:
>Hi Bud,
>
>Bud <BudE@earthlink.net> writes:
>
>>Before hooking into your house system, you might want to check with your
>>local power company about rules/laws or whatever. I know in this area
>>they are pretty strict about how the cutover is done. I guess they have
>>lost a couple of linemen due to up-line feedback from home brew setups.
>>Could be a serious liability exposure.
>
>Thanks for the note. Got another one by direct mail.
>
>I was entirely too casual with my last posting. It is the case that tying a
>generator into your house wiring without disconnecting from the power company
>feed could electrocute a power company person trying to fix wiring outside the
>house. Please disregard my last posting.
>
>The Coleman 4k generator with Honda engine is $900 in this area (Raleigh, NC).
>
>Regards,
>Pete
>KS4XG

Watch out for those Coleman generators with Honda engines versus the same size
all Honda. I looked at one of the Coleman hybrids (3500w) and the engine was rated
at about 5.5hp where the all Honda had a 6.5hp. I may not have the numbers exact,
there is more to a Honda than most people realize.

__I
Rick (___)-----X
_]_[__

3650. Re: Travel with toys (electronics)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: wolpjame@cwis.isu.edu
Message-ID: <526uou$ck1@cwis.isu.edu>
Source record: 216296
Cross-posted to: rec.travel.air,alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc,rec.aviation.piloting

Someone wrote:
>hand held scanner (either Regency HX-1000 or AOR-1000) to listen to the
>action in the air and around where I'm going.
>I have been able to give everyone a heads up on glight delays based on
>what I was hearing on my scanner..either weather, mechanical, or ATC flow

DO NOT listen to your scanner in flight. A recent report documented
33 cases of consumer electronics interfering with flight or navigation
instruments; you can read about it in recent issues of IEEE Spectrum
and Aviation Week.

Jim Wolper CFI

Note since cross-posted: CFI means Certified Flight Instructor

3651. Re: Help Collins

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: Wayne Wicks <wayne@interealm.com>
Message-ID: <32470BE6.6413@interealm.com>
Source record: 216297

I am looking to identify a bandpass filter found in a Collins 75A-4 if anyone can help. The number on the filter is: F 455 N 20.

Any help would be appreciated.

73's

Wayne WA2KEC
--
Wayne Wicks
W.L. Wicks Sr.,Inc.
7581 Lost Ranger Peak
Littleton, Colorado 80127
wayne@interealm.com
(303) 972-3012
WA2KEC

3652. Re: rsgb making disabled pay

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: David Wood <david@wood2.demon.co.uk>
Message-ID: <QYsIJeAnLtRyEwKY@wood2.demon.co.uk>
Source record: 216298
Cross-posted to: uk.radio.amateur,rec.radio.amateur.policy,rec.radio.amateur.misc

Hi there Keith,

I do remember your posting here vaguely.

Despite being disabled, I have to pay the full corporate rate (GBP36). The reason is that the RSGB criteria is disabled for life, with no chance of working again. I have ME, quite badly, and have had this condition since the end of 1993. However, I still don't know if I will work again, and although my doctor was quite happy to certify that I am unlikely to work for the next five years, certifying that I am unfit to work for life is another matter entirely. Despite this, I have been assessed as unfit to work 'until further notice' by the DSS! But RSGB will not accept a 'five year' declaration from my doctor, claiming that if the restrictions on the concessionary membership were relaxed the whole thing would be open to abuse. I don't connect the length of time that I am likely to be disabled for with the likelihood of abuse - either way they could still require a doctor's letter (they won't accept DSS paperwork).

I didn't bother taking this up with Potters Bar, as in the middle of this correspondence, I learnt that the free membership (for disabled people, *not* blind people) had been squashed, and was now GBP18. Considering that a doctor's letter would cost about GBP6.50, it didn't seem worthwhile.

I know that we've had this thread before (in uk.radio.amateur), but thoughts anyone? And if this is going to appear in 'The Last Word', I'd like to know about it.
--
David Wood, G0WZA
david@wood2.demon.co.uk

3653. Re: Aircraft Odd Radio Noise

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: az736@freenet.uchsc.edu
Message-ID: <5274hq$4i6@tali.UCHSC.edu>
Source record: 216299

Mark Matthews (hflyer@exit109.com) wrote:
: I have a problem I own a 1968 Cherokee Six PA32-300 we have noise in the
: Airplane we
: picked up. We have Pronouced "Click" we hear every few seconds at
: regular intervals.
: It can be heard by the Nav/Com or DME Radios when everything is turned
: off but them and
: it seems to be only occuring in the Air. Mostly Radio frequencies that
: end in .00;
: .25; .50; or .75 seems to have the problem. I have King Nav/Coms and a
: Narco DME which I just got back from Narco trying to cure the problem.
: Any and all Help would be appreciated.
: Mark Matthews
: hflyer@exit109.com
: Any and all help and suggestions would be appreciated.

The PLL-controlled LO in a scanner could cause that effect. Or an
ht running in scanning mode. You may have already eliminated this
in your debugging -- but it's one more idea.

Good luck.

73

--
SK
--
Marvin L Jones | Denver, Colo: az736@freenet.uchsc.edu
Jonesy | Gunnison, Colo: jonz@rmii.com
W3DHJ | CompuServe: 72103,443
| snail-mail: 81230-1371

3654. Power Supply Forsale or trade

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: Ron in Seattle <ron.in.seattle@pobox.com>
Message-ID: <32470E0B.658A@pobox.com>
Source record: 216300
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

-Power Supply, (Dynascan Corporation) BK Precision Model 1610, 0-32 Volts and 0-1.04 Amps, Coarse and Fine Volt dials, hi-low current switch and dial, output for positive, negative and common ground. (Sells new for $219 at Radar Electronics) Asking $100

-Power Supply, Radio Shack, converts 120 V-AC to 12 V-DC. New in box. $25.

--
From the desk of Ron in Seattle! KC7SQC
Visit Seattle Counseling Information:
http://pobox.com/~sci

3655. Code training tapes wanted

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: Ron in Seattle <ron.in.seattle@pobox.com>
Message-ID: <32470E4A.3478@pobox.com>
Source record: 216301
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

```
Looking to buy a used set of beginning code up to 13 wpm audio tapes or
software.
--
From the desk of Ron in Seattle! KC7SQC
Visit Seattle Counseling Information:
http://pobox.com/~sci
```

3656. Re: VHF dx news From the Netherlands!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: bry@mnsinc.com
Message-ID: <5276mc$pn4@news1.mnsinc.com>
Source record: 216302

adriaan <adpe1khp@pi.net> whistled a happy tune like:

|>This is a multi-part message in MIME format.

|>--------------235B7FAF77C2
|>Content-Type: text/plain; charset=us-ascii
|>Content-Transfer-Encoding: 7bit

|>--
|>Cuagn, Adriaan

|>---
|>PE1KHP Radiozendamateur

|>Homepage http://home.pi.net/~adpe1khp/home.htm
|>Packet Radio PE1KHP@PI8APD
|>---
|>QRV with VHF dx-ing SSB on 2 meter Tropo, MS, Sp-e and Aurora
|>---
|>There a lot of hamfun to do on 70cm, don't give it to the CB
|>---

|>--------------235B7FAF77C2
|>Content-Type: text/plain; charset=us-ascii
|>Content-Transfer-Encoding: 7bit
|>Content-Disposition: inline; filename="!OPROEP.TXT"

|>Hi dx friends,

|>My name is Adriaan, my age is 32 years old. I live in
|>Apeldoorn. That is a city with 150.000 inhabitant. In the
|>Netherlands live 14 million people. Apeldoorn is a green place in
|>the hart of the Veluwe, what is in the centre-east of the
|>Netherlands.

|>I'm a member of the dutch radioclub the VERON (IARU), the VERON
|>is in 1996 51 years old. I'm also a member of the VHF-committee
|>of the VERON. Of the local-club i am the chair-man. All this its a
|>lot of work, but its a lot of fun to. Every month i write a column
|>in the VERON magazine Electron about VHF dx-ing in mode CW and SSB.
|>For that i'm looking for dx-ers in other country's, let me know if
|>you work dx. Have you work something in Tropo, Aurora, Es or MS,
|>please tell me your story. Haw did you like the conditions on the
|>band ? Did you work some nice new locators ?

|>Let me know, see my page on www.
|>http://home.pi.net/~adpe1khp/dx.html

|>Its in dutch, but you can see some nice pictures on it.

|>Or see me on my home page
|>http://home.pi.net/~adpe1khp/home.html
|>With links to the hams in the world.

|>Or see the feldday picturebook of PI4APD.
|>http://home.pi.net/~adpe1khp/pic.htm
|>With soem pictures of the shack, antenna's and more of ham radio outdoors.

|>If you like to see my shack, go then to:
|>http://home.pi.net/~adpe1khp/ad.htm
|>To see my transceiver, computer and more ham radio things.

|>Thanks for sending your dx-information. And use 70cm not only for contest
|>weekends, but for nice local work to. Don't give it to the CB.

|>Greetings from the Netherlands, Adriaan PE1KHP.

|>--------------235B7FAF77C2--

Brian Carling, AF4K / G3XLQ
bry@mnsinc.com
http://www.mnsinc.com/bry = MEGALIST + HOCKEY + HAM RADIO = Bry's Page!

3657. IPS Daily Report - 23 September 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <5275jq$a2l@flare.syd.ips.oz.au>
Source record: 216303
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 23/2330Z SEPTEMBER 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE AUSTRALIAN SPACE FORECAST CENTRE
SUMMARY FOR 23 SEPTEMBER AND FORECAST FOR 24 SEPTEMBER - 26 SEPTEMBER

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 70/5

GOES satellite data for 22 Sep
Daily Proton Fluence >1 MeV: 1.5E+07
Daily Proton Fluence >10 MeV: 1.8E+04
Daily Electron Fluence >2 MeV: 1.1E+09 (very high)
X-ray background: A1.8
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
24 Sep 25 Sep 26 Sep
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 24 Sep: 69/3

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Active to minor storm

Estimated Indices : A K Observed A Index 22 Sep
Learmonth 20 3335 4422
Fredericksburg 20 22
Planetary 22 22

Observed Kp for 22 Sep: 4353 4422

2B. MAGNETIC FORECAST
Date Ap Conditions
24 Sep 20 Unsettled to active, with the chance of minor
storm periods.
25 Sep 20 Unsettled to active, with the chance of minor
storm periods.
26 Sep 20 Unsettled to active, with the chance of minor
storm periods.
COMMENT: IPS Geomagnetic Warning 10 was issued on 19 September

and is current for interval 23-26 September. A geomagnetic disturbance
alert was issued at 2207 UT on 23 September for K = 5 during
the period 09 - 12 UT, 23 September.

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band
Date Low Middle High
23 Sep Fair Normal Fair
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
24 Sep Fair Normal Fair
25 Sep Normal Normal Normal
26 Sep Normal Normal Normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
23 Sep 2

Observed Australian Regional MUFs:
Darwin: Depressed 10-30% for the period 00-08UT,
otherwise near predicted monthly values.
Townsville: Depressed 10-20% for the period 00-06UT,
otherwise near predicted monthly values.
Sydney: Near predicted monthly values.
Some spread F observed during local night at Hobart.

Predicted Monthly T index for September: 9

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
24 Sep 0 Depressed 10-20% during local day for extreme
northern and southern Australian regions, otherwise
near predicted monthly values.
25 Sep 9 near predicted monthly values
26 Sep 9 near predicted monthly values

--
IPS Radio and Space Services | email: asfc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/asfc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
tel: +61 2 94148300 | fax: +61 2 94148331

3658. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: flaherty@pago-pago.pa.dec.com
Message-ID: <527767$cs0@usenet.pa.dec.com>
Source record: 216304
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

carl@ais.net wrote:

> >No, CW is not outdated.
>
> Yes it is ...

Well, I can see that I'm dealing with a person of some intellect here.

> >Newer technologies exist, but not in the Ham Radio domain,
>
> of course they don't (in ham radio) ... you folks keep out most of the
> modern thinking, progressive people with your backward thinking.

The disproof of this claim lies in the history of the codeless tech. The requirement has been eliminated there. Now that five years have passed, what new spectrally efficient technologies have been deployed? The answer, of course, is none; most codefree techs use FM.

Yet another proof in the opposite direction. Most of not all of the spectrally efficient technologies were developed by folks who possess a CW enabled ticket.

> >nor are they a cost effective replacement for CW,
>
> that's a rediculous assertion ... that's like saying cars can't compete
> with horses ... cars can cost lots more than a horse, but they still
> work better for getting across town or the state ...

That's a rather perjorative and irrelevant comparison. I can buy a used SSB/CW 100w rig for about $300; add about $50 for a really nice keyer and paddle. Now, show me where I can buy anything useful on the ham bands that's more spectrally efficient for less than that. And that allows me to converse with hundreds of thousands of thousands of people around the world.

> >which nearly 90+ years after its introduction, is still the most spectrally
> >efficient
>
> IT IS NOT SPECTRALLY EFFICIENT!!!!!!!!!!!! In terms of bits/sec/Hz, it's
> piss-poor ... CW would not come close to meeting the new spectral
> efficiency requirements being imposed for future type-acceptance of
> equipment in the land mobile radio bands ... NOT EVEN CLOSE!!!

It's more spectrally efficient than either 300 baud AFSK packet, AFSK RTTY, or SSB, which are the only commercially viable alternate technologies. That's the only empirically relevant comparison. Yes, I'm well aware of the various technologies that exist in theory, and I'm also well versed in what it takes to make that theory a reality. But the simple truth of the matter is that the

moment the CW requirement is negated, the HF bands will fill up, not with CDMA or coherent modulation, but with SSB.

> Just because you'd LIKE TO BELIEVE some mythology, doesn't make it true.

Humor me. I've been at this a long, long time.

> Why? Why would the world end? Are you afraid that you might turn your
> radio on some day and find that some "damned no-coder" was using "your"
> frequency???? (that seems to be the principal objection of the
> pro-coder)

No, and in fact, I was (and still am) a proponent of the codeless tech, as a way to introduce new blood to hamdom. But the VHF+ bands don't face the same level of scarcity that the HF allocations do; the small slivers, lack of reuse, and international nature of HF make it a different beast entirely.

My objections have nothing to do with fraternalism, but are instead grounded in the practical and technical aspects of the communications system known as amateur radio.

--
-=Paul Flaherty, N9FZX | "Just name a hero, and I'll prove he's a bum."
->flaherty@pa.dec.com | -- Col. Gregory "Pappy" Boyington

3659. Info on Heathkit HR10 Ham Receiver

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: Steven Solomon <lennen@fred.net>
Message-ID: <32472AEC.7F28@fred.net>
Source record: 216305

Does anyone out there, have any information, on where I can locate
an owners manual and schemetic for a Heathkit HR-10?
Any information would be gratefully appreciated.
Thank You,

Steve

3660. URL Info Required Please...

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: kcc@taranaki.ac.nz
Message-ID: <5237cb$obf@news.taranaki.ac.nz>
Source record: 216352

Can someone advise where I can get the Packet program TOP152EN.EXE
from please... Thanks in advance...

Cheers meantime...
Ken Cartwright
E-MAIL kcc@taranaki.ac.nz
Ham Radio Callsign ZL2ATI
AX25 Packet ZL2ATI@ZL2AB.#46.NZL.OC
Postal Address 8 McNaughton St, Waitara.4656.
Taranaki, New Zealand.

3661. Updated Ham Radio & More Schedule

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: lenwink@indirect.com
Message-ID: <52430b$2t7m@news.goodnet.com>
Source record: 216353
Cross-posted to: rec.radio.info,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.shortwave

At the Ham Radio & More Web home page, you can find an updated
schedule
of upcoming shows. Thanks BARC and Chey.
Address is below.
73,
Len
Len Winkler, KB7LPW lenwink@indirect.com
P.O. Box 9219 kb7lpw@kc7y.az.usa.na
Phoenix, AZ. 85068-9219

Ham Radio & More Show (host); info at:
http://www.barc.org/barc/ham-more.html (Home Page) (Thanks BARC)
http://www.tapr.org/hrm (RealAudio site to hear past shows) (Thanks TAPR)

The Ham Radio & More Show airs LIVE each Sunday at 6:00pm ET,
(2200utc), on many local commercial stations throughout the country.
ALSO: LIVE on WWCR Shortwave, 7.435mhz. 100,000 watts.(Thanks WWCR)
ALSO: LIVE on RealAudio at: http://ww2.audionet.com/pub/kbnp/kbnp.htm (Thanks KBNP)

Also available tape delayed via WWCR Shortwave on Mondays,
at 0900utc on 3.210mhz and on Sundays, at 0300utc on 3.215mhz.

Support "WOG", the Written Only General!

3662. Updated Ham Radio & More Schedule

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: lenwink@indirect.com
Message-ID: <5243d0$2hcq@news.goodnet.com>
Source record: 216354
Cross-posted to: rec.radio.info,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.shortwave

At the Ham Radio & More Web home page, you can find an updated
schedule
of upcoming shows. Thanks BARC and Chey.
Address is below.
73,
Len
Len Winkler, KB7LPW lenwink@indirect.com
P.O. Box 9219 kb7lpw@kc7y.az.usa.na
Phoenix, AZ. 85068-9219

Ham Radio & More Show (host); info at:
http://www.barc.org/barc/ham-more.html (Home Page) (Thanks BARC)
http://www.tapr.org/hrm (RealAudio site to hear past shows) (Thanks TAPR)

The Ham Radio & More Show airs LIVE each Sunday at 6:00pm ET,
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ALSO: LIVE on RealAudio at: http://ww2.audionet.com/pub/kbnp/kbnp.htm (Thanks KBNP)

Also available tape delayed via WWCR Shortwave on Mondays,
at 0900utc on 3.210mhz and on Sundays, at 0300utc on 3.215mhz.

Support "WOG", the Written Only General!

3663. Re: Coax cable lenght

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-23 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <524pbv$egk@news.Hawaii.Edu>
Source record: 216355

Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>Andre Brandao <l42303@alfa.ist.utl.pt> writes:
>>... Is an antenna tuner needed considering that the antenna (dipole) is cut
>>to the desired frequency?

>Andre, 50 ohm coax is suitable for feeding a resonant dipole. If the
>dipole is resonant on the band you intend to use, the SWR should be
>below 2:1, so you won't need an antenna tuner, though you should use
>a 1:1 balun at the feedpoint (a simple choke balun will work, IE
>about 6 turns of the coax about 6 inches in diameter should do, or
>ferrites slipped over the coax at the feedpoint will do too).

Considering that the feedpoint resistance of a dipole can vary from 0
to 100 ohms depending upon its height (in wavelengths) above (perfectly
conducting) ground, I'd suggest using a balanced tuner and open-wire
feedline.

Over a "real earth" ground the variation is somewhat less (45 to 100
ohms), but you might as well still use a tuner; it will only take
a couple hours to build one that will perform as good if not better
than a commercial job.

Jeff KH2PZ / KH6

3664. Re: the final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: cgreenha@magnus.acs.ohio-state.edu
Message-ID: <cgreenha.693.324831D3@magnus.acs.ohio-state.edu>
Source record: 216156

In article <528pas$mnm@sjx-ixn2.ix.netcom.com> kc5egg@ix.netcom.com(Gerald Schmitt)
writes:

>Steve,

>Thanks so much for not disappointing me. Your juvenile outburst was
>more than I than I could have expected.

Pot...

>It is really too bad callsign
>servers are not available under the bridge. If they were perhaps you
>wouldn't look quite so stupid.

Kettle...

>Your assignment when you get your foot
>out of your mouth is to isto figure out why you look so dumb.

Black...

Christopher K. Greenhalgh, N8WCT
Computer/Electronic Tech. II at The Ohio State University
E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

3665. Re: Alpha Bravo phonetics: the quickie version

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: Larry Krakauer <larryk@kronos.com>
Message-ID: <3247F91C.72E4@kronos.com>
Source record: 216157
Cross-posted to: alt.usage.english,sci.lang,rec.radio.amateur.misc

Mark Odegard wrote:
: I've offered /'keI bEk/, /'kE bEk/, even /'k@ bEk/. This of course is
: with a midwesterny-Californian American English "accent".

: For those unfamiliar with the version of the IPA we use here on a.u.e,
: here's a translation:

: [eI] is the "ei" in "eight".
: [E] is the "e" in "end".
: [@] is the schwa, the "u" in "but".

: To this, there is the "w" pronunciation, /'kw@ bEk/ or /'kweI bek/,
: and (probably) the one everyone will stigmatize, /'kwi bek/ ([i] is
: "long e", as in "queen"), wherever the stress is put.
....
: For myself, /'kE bEk/ seems closest to what I do, roughly "keh-beck",
: with the first vowel being that in "Ken", "keg", or "kept".

In the 4 out of 4 US dictionaries I've looked at, the "w" pronunciation
(in one variant or another) is listed as the standard English pronunciation,
and some variant of /keI bEk/ is listed as the French.

My question is, where does /'kE bEk/ come from? It's not the French
pronounciation, because there's an accent aigu over the first "e":

In ISO-8859 characters: Quï¿½bec
ASCII convention: Que'bec

Thus the first "e" sound is a French phoneme that doesn't exist in
English at all. It's the French version of "ay", as in "day", but
it is short and pure, so it's NOT /eI/, the English diphthong version
at all. But certainly, if you're trying to mimic the French
pronunciation with English phonemes, /keI bEk/ is MUCH better than
/kE bEk/. So: where did THAT pronunciation come from?

--
Larry Krakauer (larryk@kronos.com)

3666. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: flaherty@pago-pago.pa.dec.com
Message-ID: <529do2$s99@usenet.pa.dec.com>
Source record: 216158
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

carl@ais.net wrote:

> So PACTOR and CLOVER don't exist? And if you consider SSB in terms of
> the digital equivalent (say 16kbps ADPCM), it's far more spectrally
> efficient than CW in bits/sec/Hz ...

PACTOR is no more spectrally efficient than its modulation technique, which of course is AFSK RTTY. CLOVER does quite a bit better, but occupies more bandwidth, is expensive, proprietary, and therefore not widespread. It's quite a stretch to assume that hams without a CW background would automatically invest in CLOVER hardware, instead of just using SSB.

> So then we'll finally HAVE to start to use something more efficient,
> won't we?

In making this argument, you've justified the fraternalists belief in coercion. The empirical counter argument can be found in urban RF environments; the FM bands are completely locked up in repeaters, and so, rather than developing some spectrally efficient hardware, FM folks are bleeding into the weak signal segments.

So, Carl, we've had five years of codefree licensing in the VHF bands. Where is the new hardware? Where are those technical people who in theory are being kept from doing neat stuff? Unless you can demonstrate success in this area, you can't claim that anything will be different on HF.

> >Humor me. I've been at this a long, long time.
> So have I ...

Actually, no, you havn't been, but that's also irrelevant.

> From what you said, it appears that it's grounded in "if we let more
> people in, the bands will be too crowded (and you don't want to "share
> the wealth") ...

It's not a question of sharing the wealth. It's a question of functionality. It's the reason why you don't pack tons of people into elevators, or put a waterbed in an old house -- the system breaks and is useful by no one. The utility of amateur radio as a backup national emergency communcations system is far, far more important (from a legislative standpoint) than doing the newest, neatest thing. That's not to say that technology development isn't important, but it is secondary as far as Congress is concerned.

--
-=Paul Flaherty, N9FZX | "Just name a hero, and I'll prove he's a bum."
->flaherty@pa.dec.com | -- Col. Gregory "Pappy" Boyington

3667. Re: CB linear amps 4 Sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: ap4269@cutter.ship.edu
Message-ID: <529d6i$ndm@skarjeke.ind.mh.se>
Source record: 216159
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.cb,rec.radio.swap,rec.radio.amateur.misc,alt.2600

dj (dj@cal.org) wrote:
: bgv@li.net wrote:

: >Ron Katz wrote:
: >>
: >> HAY! Brand new CB linear amps in box & warrenty.
: >> 100 watt $100.00
: >> 300 watt $150.00
: >> 600 watt $300.00
: >> 1000 watt $500.00
: >> 2000 watt $700.00
: >> 5000 watt enquire
: >> CB radios all kinds $35 & up
: >> email me for a full catalogue of radio stuff.
: >I am interested. Please mail me a list!!!!!!!! Do you have mobile
: >antennas also?????????

: >BGV

: Me too!
count me in too!

****
* *
* NEW! for all of you out there *
* who are cocktail fans, I now have *
* a growing list of drink recipes.. *
* VISIT: *
* *
* http://cutter.ship.edu/~ap4269/alldrink.html *
* *
****

3668. UK morse test - info wanted

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: Simon Twigger <simont@post.its.mcw.edu>
Message-ID: <324855F9.7AFC@post.its.mcw.edu>
Source record: 216160

Hi There,

Ideally I would have posted this to the UK amateur radio newsgroup but our news server refuses to access it. :)

I am trying to get some information on the UK morse test as I would like to find out if there is any time I can take it when I am back home over Christmas/New Year. I have a class B licence and would like to upgrade it. I checked the RSGB WWW page - very nice it is too - but there was no email contact address given and Im trying to avoid the phone bill from the US if I can! I found the details on the nature of the test but I couldn't find any on when and where the tests might be:

Im trying to find information on any test sessions that might be taking place in mid/late december (probably not too many, I suspect) somewhere in the midlands, though I can always drive elsewhere.

I would also like to know if it is possible to take the UK morse test here in the US, and if so, where I would have to go to take it.

If anyone knows if the RSGB does have an email address where I can contact them, then that would be most appreciated. Otherwise I suspect I will have to bite the bullet and call them up on the phone. :(

Thanks for any information anyone can give me,

Simon. AA9PW/G1SNT

Dr Simon Twigger,
Medical College of Wisconsin, Milwaukee, WI, USA

3669. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <529a6b$39k@news.Hawaii.Edu>
Source record: 216161
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc
Body handling: HTML body converted to readable text

Brendon Holt wrote:

>Hmm..... Many fine people have been excluded from an amateur license (below
>30 Mhz) merely because they don't know CW, since tests with this criteria
>_are_ in place.

If it's a physical disability, then they can get a doctor (not a phd)
to sign a medical waiver.

I wanted to be a commercial airline pilot but couldn't pass the FAA eye
requirements. I accepted that and chose another career. There are no
guarantees in life that one can be a pilot or amateur radio operator.
Someone with a learning disability might never be able to pass the
written - should we eliminate that, too?

>BTW: Advanced mathematics does not require a high-school class any more than

That's a real dingball statement. Our universities and colleges now have to
offer grade school and high school level math to incoming freshmen to prepare
them for the advanced math courses. Their algebraic skills are nonexistant.

>Brendon Holt, Ph.D. Mechanical Engineer

We've all got titles, Bren - no need to use 'em on here, though.

Jeff KH2PZ / KH6

3670. Re: ARRL "Representation" on code and other issues ++

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep24.180553.16752@ke4zv.atl.ga.us>
Source record: 216162
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <527oj5$l0c@news.Hawaii.Edu> jherman@Hawaii.Edu (Jeffrey Herman) writes:
>Dana Myers <myers@West.Sun.COM> wrote:
>>Jeffrey Herman <jherman@Hawaii.Edu> wrote:
>>>Alex VonYonkers <vicalex@Gramercy.ios.com> wrote:
>>>>But when they can-t (sic) use THEIR equipment to call in for a pizza
>>>>there in no (sic) much incentive to build new infrastructures
>>>>on top of the aging ALOHA.
>
>>>"Aging hello"? Never heard of that before.
>
>>That's a hoot. Norman Abramson at the University of Hawaii (ever
>>heard of that place?)
>
>Oh, you mean that seven-campus system with 45,000 students and 2000 faculty?
>
>>developed something called ALOHA in the 1970s,
>>which really was the original packet radio network.
>>If you're interested in making informed comments on the topic,
>>I suspect your library at the school there has plenty of info,
>>probably even all of the papers that were published.
>
>Not interested at all. What interests me are HF modes in which real-
>time two-way communications can take place.
>
>What's the average delivery time for a packet message to go from
>originator to addressee, say between the East and West Coasts?
>
>Jeff KH2PZ / KH6

Well, lets see. The propagation time is roughly 3000/186000 or
About 16 milliseconds. That's how long it'll take for the message
to start reaching the destination. The time it'll take to arrive
completely depends on the length of the message.

So how long is the message? If it is 120 words (PARIS standard),
then on a good channel it'll take about a minute. On a heavily
contending channel, it would take longer, all the way up to link
failure due to congestive collapse, since you're basically operating
pure ALOHA on HF. But if we assume we're at maximum ALOHA capacity
on the channel, IE roughly 20% that of a non-contending channel,
it'll take about 5 minutes. We can stay near the ALOHA limit by
proper use of the p-persist and slottime parameters (if everybody
on channel plays nice).

Note, the propagation gods have to be smiling, of course. If there is no direct path open between the two coasts, the packet station may have to depend on an alternative routing via a series of relays over which there is a path. This can add from a few minutes to a few hours to the message delivery time. There's a station in Panama operating 7x24 which is often used for relay when there's no East-West path, because the North-South path is usually still open to either coast from Panama.

But Morse can do no better. Even when the NTS was fully staffed by Morse operators meeting a full schedule of traffic nets, several hours were often required to relay a message from coast to coast.

If you'll accept a different digital mode than packet, say PACTOR II, then your 120 words are delivered in about 6.4 seconds on a good channel (Clover performance is about the same), and in about 8 minutes on a channel so bad you'll give up with OOK Morse. Fast enough for you?

Now, how long will it take you to pass that same 120 word message, error free, beeping it out in Morse? On a very good channel? On a channel so bad you can't reliably pick the carrier out of the noise by ear? When there's no path at all and you have to find a relay station?

Keep in mind that for virtually any channel where OOK Morse is usable at 20 WPM, AMTOR is usable at 60 WPM, PACTOR is usable at approximately 100 WPM, and Clover and PACTOR II are usable at approximately 470 WPM (or better). On really bad channels, where OOK Morse speeds drop to 1 or 2 WPM net with *very* good operators, AMTOR and PACTOR pretty much fall apart completely, Clover starts to stumble, but PACTOR II is still hammering along at about 15 WPM net, error free.

And theory says we can beat PACTOR II performance by about 4x if we use a proper coherent I/Q receiver instead of just a digital back end to an analog superhet receiver as we do it today, IE we can get back to 60 WPM on a channel that only supports 15 WPM PACTOR II now, or 1 to 2 WPM Morse now. Or conversely, we can work at signal levels 4x less than today while maintaining the same throughput (that puts manual OOK Morse completely out of the running). And as I noted in another message, such a receiver is rapidly becoming within amateur reach.

The LOWFERs have a coherent digital system, detailed in Vol 1 Issue 1 of Communications Quarterly, which can reliably work 1,000 miles *groundwave* (day or night) on the 1750m band with an ERP of under 10 *milliwatts*. That's the current "amateur" state of the art in digital weak signal performance.

The VLF path loss is as severe as EME operators have to contend with (though the fading characteristics are different), and EMEers need well over 1 kW ERP to make contacts using OOK Morse. That's some 40 db more signal required for manual Morse versus a machine digital

method built by "amateurs" who aren't necessarily even licensed hams.
And their system doesn't even use a modern DSP processor or any FEC.
That's *raw* performance from their RF modems. We can do better.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3671. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep24.183745.16919@ke4zv.atl.ga.us>
Source record: 216163
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <527pom$2b9@cc.iu.net> wnewkirk@iu.net (Bill Newkirk) writes:
>In <52388j$420@krypto.zippo.com>, cecilp@magic.bunt.com (Paul Cecil) writes:
>>You have talked about tougher tests. Would please give me an idea of
>>what type of test a new ham would take. Give some example questions,
>>topics a ham would be required to know, etc.
>
>how about correctly coming up with the theoretically correct value of distance
>from a perfect dipole antenna equal to the values considered the limits for RF
>exposure for a 100W transmitter with 3 dB loss in the feed line?

That's a good beginner question, Bill, but you did leave out one
important bit of information, the frequency for which the calculation
should be done. For aspiring amateurs who want to give it a try, lets
say the frequency is 7.069 MHz.

As an intermediate level question, we could ask why that calculation
doesn't assure us we're within safe limits.

As an advanced question, we could ask for a plot of the predicted safety
perimeter of a specified antenna installation (still somewhat idealized,
but closer to real world by having other objects in the near field).

And for the superduper class, we could ask why *that* isn't good
enough either, and have them explain how to really find out what
the safety perimeter's boundaries are.

They shouldn't be allowed to operate until they can answer that
last question.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3672. Re: Wanted: Heath HW8 Handbook/mod book

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: jonz@rainbow.rmii.com
Message-ID: <529h2r$7f4@rainbow.rmii.com>
Source record: 216164
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Richard B. Joerger (joerger@rd1.racal.com) wrote:
: Howdee.

: I've been looking for a compendium of mods for the Heath HW8 QRP rig.

: It's been suggested that I get the book "HW8-Handbook" by the 73
: magazine QRP editor. 73 Mag. doesn't have the book.

I noticed in this month's 73 magazine -- classified section -- that
the author has it back in print. I don't have the magazine with me,
but I believe it is self-published and _not_ in the "73 BookShelf" (or
whatever Wayne calls it.)

If I remember, I'll look for it again and re-post here tomoro.

--
73
Jonesy W3DHJ

--
SK

3673. service disconnect (was 4-5 kw Generator Reco)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: alan@curta.cc.columbia.edu
Message-ID: <529gt5$4bl@apakabar.cc.columbia.edu>
Source record: 216165

See the National Electrical Code Handbook. Published by the NFPA (National Fire Protection Association). Should be on your ham shack shelf right next to your ARRL Handbook. There are sections on code requirements for bonding ground electrodes (like the kind you use for your station ground), amateur radio antenna systems (yes, a specific chapter for us:-), and generator disconnects.

Basically, to be legal (according to the NEC; your local codes may differ), the disconnect mechanism has to be idiot-proof in protecting the utility from your generator output. This means, back-feeding via a power outlet or by a spare breaker like I got to do in Wilmington, NC recently (son of a Fran survivor:-) is technically not a good thing. I did put a padlock on the main breaker in the OFF position to make it impossible to connect the house to the utility mains.

At my home, I've installed a GenTran, Inc. transfer switch which I found at a local Home Depot although I understand from others that it is not universally available at other stores. It's somewhat overkill but is truly idiot-proof.

The West Palm Beach-based Florida Power and Light crew, before turning the power back on, personally visited each and every house to confirm that generators were isolated from the main. They cut and taped the wires from the generator on my mom's neighbor's house 'cuz it was not properly isolated.

Generator here is a Generac/Nagano 4000XL from Home Depot. Very noisy, but so were the other half-dozen generators in the immediate vicinity. For emergency use, generator noise is not such an issue as for routine use (at construction sites, etc.). It ran OK for 4 days straight (I waited for the water to subside in Virginia before driving south with generator in trunk:-).

The most amazing thing was that among all the downed trees and powerlines, this ham's tower up the street from my mom's house was instact. I guess it wasn't high enough.

73 de Alan N2YGK

3674. HELP: Need Audio chip for Pacific 160-Pettruse radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: James Edwards <hitman@ncia.net>
Message-ID: <01bbaa60$0b3c3ca0$7426d5cc@default>
Source record: 216166

A friend of mine without Internet access has this radio, and would like to get an audio chip for it. If anyone has any info on how to get one, please email me. Thanks!

--

James Edwards
hitman@ncia.net
http://www.ncia.net/users/hitman

3675. longwire ant

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: drsdo@ix.netcom.com
Message-ID: <MPG.cb21045d3142821989680@nntp.ix.netcom.com>
Source record: 216167

Am moving to a new location and am thinking of trying a long wire ant for hf. Anyone have any specs and tips for one? Thanks, Steve, WO9L
drsdo@ix.netcom.com

3676. Re: Datagram vs Connected (was: ARRL "Representation" on code and other issues)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: Phil Karn <karn@qualcomm.com>
Message-ID: <324858A6.41C67EA6@qualcomm.com>
Source record: 216168
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

Gary Coffman wrote:

> I hear what you're saying, Brian. But ARQ is a *backup* procedure,
> and like any backup procedure, you hope you never need it, and do
> everything you can to avoid needing it. Those "aggressive" VC link
> retries just clog the channel. The better solution is to deal with
> the underlying physical layer problem.

Yes. ARQ is indeed a stopgap.

ARQ is good at taking a low error rate and making it essentially zero.
But it's terrible at high error rates. A much better approach is to
add forward error correction at the physical layer that reduces the
error rate to where ARQ can operate efficiently.

Depending on the FEC code chosen, during normal operation there may
be some residual errors. Or the decoder may produce either perfect
data or nothing at all if the channel is blocked or broken.

An example of the former is a Viterbi-decoded
convolutional code by itself, and examples of the latter are
sequentially decoded convolutional codes with long
constraint lengths, and concatenated Reed-Solomon/Viterbi
combinations. Depending on the channel characteristics you may or
may still want an ARQ protocol at the link layer to
mop up the residual errors, but this is decidedly optional; as long
as the error rate is low enough for TCP to perform well, there's
no need to make it zero.

As an aside, a concatenated RS/Viterbi decoder is used in DSS
(DirecTV/USSB). That's why the system usually works perfectly or
not at all. If you slowly move your hand in front of the feed,
the picture tends to remain perfect until it suddenly freezes. That's
because the BER curve of the concatenated code is extremely steep.
This is characteristic of all strong codes.

Phil

3677. Re: longwire ant

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: Cecil Moore <Cecil_A_Moore@ccm.ch.intel.com>
Message-ID: <32485D16.27C2@ccm.ch.intel.com>
Source record: 216169

Steven Olson wrote:
> Am moving to a new location and am thinking of trying a long wire ant for
> hf. Anyone have any specs and tips for one?

Hi Steve, when you say "long wire", do you mean end-fed? Do you want to
work all HF bands? 160m? What kind of radiation pattern do you want?
For 10m-80m, it's hard to beat a 102' center-fed with ladder-line.

73, Cecil, W6RCA (not speaking for my employer)

3678. Number to call about status on 610v forms

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: dx@tir.com
Message-ID: <32486156.2049483@news.tir.com>
Source record: 216170

Does anyone know if there is a phone number one can call to check on ths staus
of a 610V, vanity callsign application ? Please email me if anyone knows.
Thanks.

--
Tim

Amateur Radio Station: WB8OGM (since 1972)
Email: dx@tir.com

** Visit the Auction Web at http://www.ebay.com/aw/ **

"Sometimes imagination is better than knowledge"

3679. Re: 4-5 kw Generator Reco

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: Bert - ns4w <ns4w@tdsnet.com>
Message-ID: <32489235.6EE4@tdsnet.com>
Source record: 216171

>
> Watch out for those Coleman generators with Honda engines versus the same size
> all Honda. I looked at one of the Coleman hybrids (3500w) and the engine was rated
> at about 5.5hp where the all Honda had a 6.5hp. I may not have the numbers exact,
> there is more to a Honda than most people realize.
>
> _________
> __I
> Rick (___)-----X
> _]_[__

My hybrid has a 8 hp Honda, and is rated at 4kw (5kw peak)

Also has the Honda voltage reg.

Again, Cost me $1100 2 years ago

Bert

3680. Newsline Celebrates Number 1000

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: bigsteve@dorsai.org
Message-ID: <SaGSyQQI81jV092yn@dorsai.org>
Source record: 216172
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

The Amateur Radio Newsline
Editorial Office
28197 Robin Avenue
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Press Release

September 12, 1996

For more information please contact
Bill Pasternak at (805) 296-7180 or
newsline@ix.netcom.com

NEWSLINE TO CELEBRATE NEWSCAST 1000

On Friday October 11, 1996, the Amateur Radio Newsline (formerly The Westlink Radio Network) will release its 1000th consecutive week of informational programming to the worldwide Amateur Radio community. By way of celebration, shortly thereafter Newsline will also make available a thirty (30) minute special audio presentation titled "Newsline 1000" telling the story of the Newsline service itself.

This special program will be hosted by Tony Valdez KC6LXQ (KTTV) with in-studio guests that include Westlink Radio Network / Newsline co-founder/producer Bill Pasternak, WA6ITF (KTTV). Joining Tony and Bill will be former Production Coordinator Bill Orenstein KH6QX (NBC Network - Retired) along with anchor/reporters Andy Jarema N6TCQ (AJ Productions), Robert Sudock, WB6FDF(KTTV) and Mert Garlick, N6AWE (KTTV).

Taped segments will include such well known Newsline personalities as Alan Kaul, W6RCL (NBC Network News), Jim Davis, KU8R (WZVU), Roy Neal, K6DUE (NBC Network News - Retired), South-East Bureau Chief David Black KB4KCH (First Frame Video) and the other half of the Westlink Radio/Newsline founding "team" Jim Hendershot, WA6VQP (Radiodesign Labs). Also a special salute to the hams and non-hams who volunteer their time to putting Newsline on the Internet including Dale Cary, WD0AKO and "Big Steve" Coletti.

Newsline came into being in 1977 as The Westlink Radio Network. It was started as a simplex (direct frequency) bulletin service

to local users of the 222 MHz band in Southern California. Its purpose was to educate hams on the then pending and (somewhat controversial) repeater deregulation legislation winding its way through the FCC.

The first newscast was recorded at the home/studio of Wayne Rankin WA6MPG. Rankin, a broadcast engineer with CBS then played the newscast while motorcycle mobile station parked atop a 3800 foot mountain to a small audience of Los Angeles ham radio operators listening on 223.500Mhz. The date was September 7, 1977 and the service has provided a weekly ham radio newscast summary - without interruption - every week since then!
Today, some nineteen and a half years later, this news service, now known as "Newsline," utilizes time at modern state of the art production facilities donated members of the broadcast community across the nation. Distribution is accomplished using ten automated telephone newsfeed lines nationwide and three audio "websites" on the Word Wide Web. A text version of Newsline is also available from numerous locations on the Internet and World Wide Web. All of this is accomplished by unpaid volunteers in the United States and around the world. (See attached listing.)

The weekly Newsline bulletin is produced the Westlink Radio Network Inc., a Pennsylvania chartered not-for-profit adjunct of the Philadelphia based Holmsburg Radio Club. Production operations are supported in part by donations from listeners and by members of the all volunteer Newsline staff themselves.

In addition to the weekly newscast, Newsline, with corporate underwriting from Yaesu USA Corporation and CQ Magazine also sponsors the annual " Young Ham of the Year Award." This award is presented to a United States licensed radio amateur age 18 or younger who has utilized Amateur Radio in some way to benefit mankind. Presentation is made each August at the Huntsville Hamfest Awards Banquet in Huntsville Alabama.

Copies of the program "Newsline 1000" will be mailed to members of the media prior to its air date.

In addition, a two-part story on the establishment of Newsline will appear in the October and November 1996 issues of Worldradio Magazine. Written by founder / producer Bill Pasternak WA6ITF, the article traces Newsline from its inception right to the present day. Also included is a complete listing of current news-feed telephone lines, audio sites on the World Wide Web and Internet locations from where Newsline scripts and other materials can be downloaded.

-30-

--
< ^^^>

< "Big Steve" Coletti >
< Computer and Network Installation, Upgrades and Repair. >
< Internet: bigsteve@dorsai.org >
< I was balding, then I installed Windows 95 and pulled the rest out. >
< US Mail: P.O. Box 396, New York, NY 10002 >
< Fax Weekdays/Voice Weekends: +1 212 995-2637 >
~~~~~~
~~~~~~

3681. rec.radio.amateur.boatanchors

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: skorzep@magicnet.net
Message-ID: <529qul$d6s@comet3.magicnet.net>
Source record: 216173
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

See 16 September news.announce.newgroups for boatanchors call for vote.

Voting to be completed by October 6.

3682. Re: FCC Interactive on-line 610-V filing requires graphics!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: Jim Johnson <jjohnson@hpl.hp.com>
Message-ID: <32486E53.7506@hpl.hp.com>
Source record: 216174

Anthony R. Gold wrote:
>
>
> Only premature filing, i.e. a filing with a filing date prior to the
> start of the applicable Gate, will result in rejection and return of
> the application, not premature arival.
>
>
>
> Regards,
> --
> Tony - G3SKR / AA2PM email: tgold@panix.com
> tgold@microvst.demon.co.uk
> packet: g3skr@n0ary.#nocal.ca.usa.na

I read the application differently. I interpretted the instructions as
follows:

1) You must date the application the same day as you sign it. I signed
it on Sept. 20, the same day I took it to FedEx. The instructions
are very clear on this issue.

2) You cannot post-date your check. This might mean that if you put it
into a courier service on Sept. 20, the check could be dated
Sept. 23 (the first business day after the application arrives). But
in no case can it be dated after the date the application arrives.
I didn't take the chance and dated it Sept. 20 also.

3) The critical date is the arrival date, not the date on the application
(which is the date you signed it). Again, the instructions are clear
as to the fact that the arrival date can be on or after Sept. 23, but
not a BUSINESS day before then. If the application arrives on Sept. 21
or 22nd (Sat or Sun) then the "official" arrival date is Sept. 23 as
that is the first business day after the weekend arrival. I FedEx'd
mine on Sept. 20 for arrival on Saturday, Sept. 21. I also interpretted
the rules to be that if the application arrives on Sept. 20 or before,
that it could (but not necessarily would) be returned to you.

Thanks,

Jim Johnson WA6SII
jjohnson@hpl.hp.com

3683. IPS Daily Report - 24 September 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <529qqs$otm@flare.syd.ips.oz.au>
Source record: 216175
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 24/2330Z SEPTEMBER 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE AUSTRALIAN SPACE FORECAST CENTRE
SUMMARY FOR 24 SEPTEMBER AND FORECAST FOR 25 SEPTEMBER - 27 SEPTEMBER

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 70/5

GOES satellite data for 23 Sep
Daily Proton Fluence >1 MeV: 1.2E+07
Daily Proton Fluence >10 MeV: 1.9E+04
Daily Electron Fluence >2 MeV: 1.2E+09 (very high)
X-ray background: A2.4
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
25 Sep 26 Sep 27 Sep
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 25 Sep: 70/5

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Unsettled

Estimated Indices : A K Observed A Index 23 Sep
Learmonth 8 2222 3222
Fredericksburg 10 22
Planetary 10 25

Observed Kp for 23 Sep: 3545 4423

2B. MAGNETIC FORECAST
Date Ap Conditions
25 Sep 20 Unsettled to active, with the chance of minor
storm periods.
26 Sep 20 Unsettled to active, with the chance of minor
storm periods.
27 Sep 15 Unsettled
COMMENT: IPS Geomagnetic Warning 10 was issued on 19 September
and is current for interval 23-26 September.

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band
Date Low Middle High
24 Sep Fair Normal Normal-fair
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
25 Sep Fair Normal Normal-fair
26 Sep Fair-poor Normal-fair Fair
27 Sep Fair-poor Normal-fair Fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
24 Sep -3

Observed Australian Regional MUFs:
Darwin: Depressed up to 30% for the period 04-12UT,
otherwise near predicted monthly values.
Townsville and Sydney: Near predicted monthly values.
Hobart: Depressed 15% for the period 00-08UT, with some spread F
and sporadic E observed during local night, otherwise near
predicted monthly values.

Predicted Monthly T index for September: 9

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
25 Sep -5 Depressed 10-20% during local day for extreme
northern and southern Australian regions, otherwise
near predicted monthly values.
26 Sep -5 Depressed 10-30% during local day for extreme
northern and southern Australian regions, otherwise
near predicted monthly values.
27 Sep -5 Depressed 10-30% during local day for extreme
northern and southern Australian regions, otherwise
near predicted monthly values.

--
IPS Radio and Space Services | email: asfc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/asfc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
tel: +61 2 94148300 | fax: +61 2 94148331

3684. Space Shuttle

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: Bob <infosys4u@nfinity.com>
Message-ID: <3248A3C8.5294@nfinity.com>
Source record: 216176

My kids want to send a message to the space shuttle or MIR, we have a packet station, but don't know what the protocol. Any help appreciated.
Tnx
Bob KA0CKF

3685. Re: Kenwood TH-78A

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: Tom Hess <tom.hess@hydro.on.ca>
Message-ID: <3248B413.311A@hydro.on.ca>
Source record: 216177
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Marc Richard Wollemborg wrote:
>
> I can't find the manual for my Kenwood TH-78A and was hoping someone could
> tell me how to get into the mode which can display the names or call-signs
> of memory channels.
>
> Thanks,
>
> Marc Wollemborg
> /n2zes/

F for 1 second then F2

Tom VE3XTH

3686. Re: ARRL "Representation" on code and other issues ++

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: rfm@worldnet.att.net
Message-ID: <wkpw3bureq.fsf@urth2.worldnet.att.net>
Source record: 216178
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <527oj5$l0c@news.Hawaii.Edu> jherman@Hawaii.Edu (Jeffrey Herman) writes:

> Dana Myers <myers@West.Sun.COM> wrote:
> >Jeffrey Herman <jherman@Hawaii.Edu> wrote:
> >>Alex VonYonkers <vicalex@Gramercy.ios.com> wrote:
> >>>on top of the aging ALOHA.
> >>"Aging hello"? Never heard of that before.
> >That's a hoot. Norman Abramson at the University of Hawaii (ever
> >heard of that place?)
> >developed something called ALOHA in the 1970s,

>
> Oh, you mean that seven-campus system with 45,000 students and 2000 faculty?
>

Yeah, that's why they developed it, they needed a way for the students
and faculty on the other islands to use the computer on Oahu. (I think
Gary's wrong here, and ARPA had nothing to do with it -- UofH built it
because they *needed* it.)

> Not interested at all. What interests me are HF modes in which real-
> time two-way communications can take place.

Anybody know what frequencies the original AlohaNet used? I had
a copy of the paper, but I don't seem to be able to find it.
[Abramson, N. The Aloha system. AFIPS Conf. Proc., Vol. 37, 1970
FJCC, AFIPS Press, Montvale, NJ, pp. 281-285.]
AlohaNet certainly did real-time two-way communications, and I wonder
if they used HF? I don't believe all the Hawaiian islands are
line of sight from each other.
--
Rich McAllister, KO6CL, rfm@worldnet.att.net

3687. Re: 4-5 kw Generator Recommendations??

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: djkc6ssf@sonic.net
Message-ID: <djkc6ssf-2409962232040001@d132.pm4.sonic.net>
Source record: 216179

In article <5292v6$dec@lex.zippo.com>, wb4yuc wrote:

> These things will need to be weighed by the group buying the
> generator. They will need to make the best decision based on how
> they plan to use it. That includes whether or not it should be a
> portable or towed; air cooled or water cooled; desiel, gasoline,
> or even propane. (Crud, for that matter, it could be a wood/coal
> burning steam powered generator.)
>
> I just know from my experiences living here in South Florida,
> I would rather have a gasoline powered generator, mainly
> because gasoline is far more available and I know how to
> maintain the gasoline engine.
>
> If obtaining desiel is not a problem in their area and they have
> someone who understands how to properly maintain a desiel engine,
> go for it. Any system will work, and work well, if properly cared for.
>
> 73,
>
> Bruce, WB4YUC

I will be trying out a trifuel generator soon. The unit comes with a
gasoline tank and a regulator for Natural Gas or Propane. Since I use
propane for the house, I have a large supply. It doesn't get old/stale.

Then for portable use I can use the Camping trailer's propane or gasoline.
I also think that gasoline engines are easier to trouble shoot and repair,
but again that is personnal taste. Diesel is much safer!

The unit is a 6kw, 120/240 v 1ph from WinCo in Minn.

David S. Jackson, KC6SSF
Santa Rosa,CA
(on the old Mac SE!)

3688. Re: Will you have what it takes ??

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: steve <kd6fyk@wco.com>
Message-ID: <3248CA4E.7CBC@wco.com>
Source record: 216180

kk5dr@io.com wrote:
>
> The dumping down of Amatuer Radio; Lower the standards for entry into the hobby.
> Then what we will have is a bunch of ill-prepared operators, when the situation really gets bad.
> Will you be able to operate CW, when your "new" rig died in the EMP of a terrorist nucular strike ?
> Will you be able to build "from scratch", a dipole for any band, after you gear & anttenas were blown away by
> a hurricane ?
> Will you be able to handle all the folks that need help & want info transmitted to a distant location ?
> Will you have what it takes to operate for 24 or 48 hrs, on battery power, with no help ?
> Will these "new guys" be able to handle, what hams have done for over 50 yrs., in time of dire need ?

YES,if the olds guys help others instead of crying about code/no-code.
73 steve 50.110/1296.1 control opp.,4 repeaters,soon to be 6

3689. SWAP: Icom BC-35 quick-charger for 2M amp.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: Brian and Sam Bradshaw <bradshaw@interlaced.net>
Message-ID: <32489922.645C@interlaced.net>
Source record: 216181
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

Hello. I have an Icom BC-35 AC, 120 volt quick charger that I would like to trade for a 2-meter HT amp. needs to be ran on 4 amps or less(something like the Power Plus HL-35V), as I only have a 4-amp power supply. one with a pre-amp would be nice, too. e-mail me with details.

NOTE: the positive contact likes to stick down. I think this is just because of a bad spring, and is easily put back up by opening the case and pressing up on the bottom of the contact. in english, don't slap the pack down too hard, hi hi. this should be an easy thing to fix.

For more details, e-mail me at Spamsonite@hotmail.com

Sam Bradshaw,
KB8ZZS.

3690. exam pool questions

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: default
Message-ID: <5299mm$foq@news.fsu.edu>
Source record: 216182

Would the graphics sheets be on line anywhere? No problem pulling
the questions, but am suprised I'm unable to find the diagrams.....

Thanks

Paul
KF4FCN

3691. Re: Travel with toys (electronics)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: cheshire@ridgecrest.ca.us
Message-ID: <52953m$6e4@ash.ridgecrest.ca.us>
Source record: 216183
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

RF BURNS <doogie@pop.fast.net> wrote:

>OK here my great but not exciting story
>I had a camera bag padded
>took the divisons out put mobile scanner on bottom of bag
>put division padding on top of the scanner creating false bottom
>(this was a small bag 8inX12in) it was a bearcat 760xlt
>they looked at my Icom 2sra and camera passed it on I was dumbfounded
>and walked past.

>Key thing dont lettem send it through the Xray tell them its a camera

Now THAT makes me feel better ! Why don't you just tell 'em how to
make a bomb ? As a very frequent flyer, I don't want _anybody_
sneaking ANYTHING on the same flight that I'm on. :-{

>this was a Newark NJ

It figures.

>Doug

Dr Pepper
10 - 2 - 4

3692. Why are most Morse Code sending keyboards and programs incorrect?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: rdkeys@unity.ncsu.edu
Message-ID: <529c6r$v3f@taco.cc.ncsu.edu>
Source record: 216184

I am curious as to why most (almost all) Morse Code sending programs and keyboards (non-computer-driven machines) send the incorrect Morse Code old form and not the current full ITU character set?

The incorrect ones have the opening and closing parenthesis the same. The dollar sign and things like the colon, semi-colon, double-quote, and other characters are often missing.

Perhaps it is only that everyone copied everyone else, or somesuch, especially when it came to eproms in the keyboards? All software programs have no excuse for not getting it right.

Although most operators rarely use such uncommon characters, they should be able to send them correctly, if desired.

So, all software morse code program writers and hardware manufacturers take heed, and fix the thing correctly!

Thus endeth my pet peeve for the day, to all software/hardware CW sending device computerese folks.

Bob Keys/NA4G
rdkeys@csemail.cropsci.ncsu.edu

p.s. I am a dedicated CW man, so send the code/no-code flak to /dev/null.

p.s. Also, if I can get my 2 mhz Kaypro II to do it correctly in basic, with a relatively trivial 100 line program and a 2 part interface, there is absolutely no excuse for the wrong code set and missing characters, etc.

3693. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: carl@ais.net
Message-ID: <5278fl$3mp@news.ais.net>
Source record: 216216

In <526954$pf7@freenet-news.carleton.ca>, dg198@FreeNet.Carleton.CA (Frank Sved) writes:
>
>Steve - KF2TI (adell@planet.net Landing, NJ) writes:
>> {snip}
>> steve"the troll" (named so by Carl his self)
>
>Correct me if I'm wrong but I believe a troll is a "small green ugly
>creature, demonish in character, which habitates under bridges and/or
>crossings and plays tricks in the same pattern as poltergeists." I think.
>
>They are about 3 feet tall and the figment of someone's imagination.
>
>--

Frank,

I didn't realize you'd met Steve in person :-)

Carl - wa6vse
carl@ais.net

3694. Re: Travel with toys (electronics)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: RF BURNS <doogie@pop.fast.net>
Message-ID: <5279f2$qmf@nn1.fast.net>
Source record: 216217
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

OK here my great but not exciting story
I had a camera bag padded
took the divisons out put mobile scanner on bottom of bag
put division padding on top of the scanner creating false bottom
(this was a small bag 8inX12in) it was a bearcat 760xlt
they looked at my Icom 2sra and camera passed it on I was dumbfounded
and walked past.

Key thing dont lettem send it through the Xray tell them its a camera

this was a Newark NJ

Doug

3695. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: carl@ais.net
Message-ID: <52791v$3mp@news.ais.net>
Source record: 216218
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <527767$cs0@usenet.pa.dec.com>, flaherty@pago-pago.pa.dec.com (Paul Flaherty) writes:
>
>> >which nearly 90+ years after its introduction, is still the most spectrally
>> >efficient
>>
>> IT IS NOT SPECTRALLY EFFICIENT!!!!!!!!!!!! In terms of bits/sec/Hz, it's
>> piss-poor ... CW would not come close to meeting the new spectral
>> efficiency requirements being imposed for future type-acceptance of
>> equipment in the land mobile radio bands ... NOT EVEN CLOSE!!!
>
>It's more spectrally efficient than either 300 baud AFSK packet, AFSK RTTY, or
>SSB, which are the only commercially viable alternate technologies.

So PACTOR and CLOVER don't exist? And if you consider SSB in terms of
the digital equivalent (say 16kbps ADPCM), it's far more spectrally
efficient than CW in bits/sec/Hz ...

>to make that theory a reality. But the simple truth of the matter is that the
>moment the CW requirement is negated, the HF bands will fill up, not with CDMA
>or coherent modulation, but with SSB.
>

So then we'll finally HAVE to start to use something more efficient,
won't we?

>> Just because you'd LIKE TO BELIEVE some mythology, doesn't make it true.
>
>Humor me. I've been at this a long, long time.
>

So have I ...

Just because you'd LIKE TO BELIEVE some mythology, doesn't make it true.

>
>My objections have nothing to do with fraternalism, but are instead grounded in
>the practical and technical aspects of the communications system known as
>amateur radio.
>

From what you said, it appears that it's grounded in "if we let more
people in, the bands will be too crowded (and you don't want to "share
the wealth") ...

Carl - wa6vse
carl@ais.net

3696. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: flaherty@pago-pago.pa.dec.com
Message-ID: <5279dd$cs0@usenet.pa.dec.com>
Source record: 216219

carl@ais.net wrote:
>
> If we don't use what we have more effectively, we'll ultimately lose it.
> The current number of hams supported by our HF bands is a drop in the
> bucket ... and our modulation techniques cannot even meet those that are
> required under the FCCs new rules for the land mobile services (spec'd
> in bits/sec/Hz)

The pressures on the HF spectrum are entirely different from those at VHF+.
For the most part, industry has abandoned HF in recent years in favor of
satellite transmission, which is more reliable and offers more bandwidth.
Moreover, the HF allocations are international, and as such less subject to
industrial pressure. For these reasons, the amateur HF allocations have
expanded in recent years, while VHF+ has contracted for the most part.

> SSB is actually *more efficient* than CW ... in terms of information
> conveyed per Hz consumed. The fact that its bandwidth is wider than
> even fast CW is irrelevant to the issue of efficiency. To argue to the
> contrary only shows a lack of understanding of the issues involved.

This is right on one account and wrong on two. For starters, the relevant
metric is spectrum*space per conversation, not per bit rate. CW conversations
are simply slower and more compressed. But they take up less than 1/24th of
the occupied bandwidth of SSB. In addition, CW QSOs generally run at
appropriately lower power levels, so the overall occupancy is much lower.

I'd suggest that you read my paper in the 7th ARRL CNC.

--
-=Paul Flaherty, N9FZX | "Just name a hero, and I'll prove he's a bum."
->flaherty@pa.dec.com | -- Col. Gregory "Pappy" Boyington

3697. Re: the final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: carl@ais.net
Message-ID: <527a3i$3mp@news.ais.net>
Source record: 216220

In <524i59$1du@jupiter.planet.net>, adell@planet.net (Steve - KF2TI) Landing, NJ writes:
>
>just letting you know that in addition to your personal troll
>I now spell check for you. There's nothing greater than
>helping the super intellect get things right Or am i just
>picking nits
>
>steve the troll
>

Steve,

As I said ... I make typos ... I have difficulty typing because of a loss of sensation and coordination in my hands as the result of a spinal chord injury ...

You only show your ignorance by mocking my disability ... but then, I'll bet you like to place obstacles in front of blind people on the street, too ...

Carl - wa6vse
carl@ais.net

3698. Re: The final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: carl@ais.net
Message-ID: <5279rn$3mp@news.ais.net>
Source record: 216221

In <524gq8$8eu@news.Hawaii.Edu>, jherman@Hawaii.Edu (Jeffrey Herman) writes:
>
>What might be true on the drawing board doesn't always occure in practice.

The modernization of ham radio is held back, as is the modernization of computer operating systems, by the insistence by some on the maintenance of compatibility with "legacy" code ...

Why do you think WinDoze sucks swamp water so badly???

CW is more backward compared to modern communications techniques that is CP/M to OS/2 Warp 4.0 (a.k.a. Merlin), which has speaker-independent voice recognition/navigation/data entry capabilities ...

>So far, CW still ranks highest when *all* possible variables such as
>simplicity of equipment, inexpense, number of users worldwide, performance
>versus power, real-time passage of data, bandwidth needed (~500Hz), are
>considered.

The simplicity argument is moot in today's world of VLSI circuitry ... it buys one virtually NOTHING in terms of reliability, size, power consumption, etc.

Cost is also essentially a non-issue ... modern digital circuitry is CHEAP ... 50 MIPS DSPs are about $5.00 in quantity ... 100 MIPS about $11-12 ...

>Also, being able to decode xmissions mentally rather than having
>to rely on complex equipment is one of the greatest factors to consider.

The equipment complexity is, as stated above, irrelevant ... the reliability is MUCH better than a "wetware modem."

>It's true that CW doesn't lend itself well to passage of large files that
>few will ever take the time to read, but that type of data can best be sent
>in a much quicker fashion via internet.
>

Digital systems are NOT, as you imply, limited in their utility to the transfer of large files ... short messages can be passed with considerably more efficiency, robustness, and operator convenience, as well ...

Jeff, NONE of your "arguments" holds any water ... they're just a rehash of several of the more popular "Morse Myths" ... nothing more, nothing less ...

Carl - wa6vse
carl@ais.net

3699. Vanity CAlls

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: Pat Wilson <pw@i2020.net>
Message-ID: <01bba9b4$4f9b3600$2701e8cc@PW>
Source record: 216222

How many applied for Vanity Calls under gate 2 today? A zillion, 200, send me mail and lemme know.

Pat Wilson
N0RDQ......

soon to be other than that.

7 3

3700. new call info - where?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: pryack@worldnet.att.net
Message-ID: <527ci0$31@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 216223

What is the URL which shows the FCC's daily announcements of newly
granted amateur licenses? TNX & 73, Paul, W1ETH
Paul R. Ryack, W1ETH/6
pryack@west.net
W1ETH@K6TZ.#SOCA.CA.USA.NOAM

3701. Kenwood TM-733a Service Manual

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: Keith@unix.asb.com
Message-ID: <Dy7oCB.M1H@news2.new-york.net>
Source record: 216224

I need to know the Product # of the LAMPs
for the BACKLITE Display...

Can anyone help me out ?

Keith

|===|
| • Keith@unix.asb.com == SLIP-PPP Internet Address • |
| • Keith@asb.com == BBS Internet Address • |
| • Http://www.asb.com/usr/keith == WWW Page URL Address • |
| • N2NJS@KC2FD.NY.USA.NA == Ham Radio AX25 Packet Address • |
| • 70302,2701 == CompuServe Address • |
| • Knipper@worldnet.att.net == ATT WorldNet Internet Address • |
| • Fknipsch@suffolk.lib.ny.us == My Free Internet Shell Account • |
|=== |

3702. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <527gsm$17n@jupiter.planet.net>
Source record: 216225

> carl@ais.net writes:

> >Correct me if I'm wrong but I believe a troll is a "small green ugly
> >creature, demonish in character, which habitates under bridges and/or
> >crossings and plays tricks in the same pattern as poltergeists." I think.
> >
> >They are about 3 feet tall and the figment of someone's imagination.
> >
> >--
>
> Frank,
>
> I didn't realize you'd met Steve in person :-)
>
> Carl - wa6vse
> carl@ais.net

Carl, I was all wrong. You do have a sense of humor. Very good !!!
You can't spell for shit, but then again, YOU can copy 20 wpm in
your head and live in a VHF+ ghetto. So I guess that makes everything
OK.

BTW, those who have been reading your proud statement of TECH PLUS 20+
years all agree, you have no drive and are a status quo seeker. Please
continue with your postings, they provide so much enjoyment, not to
mention they are good for laughs.

Your name really isn't Burt by any chance, is it??

steve

3703. Special Event Station - Railway Museum

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: artas@istar.ca
Message-ID: <527kf5$ag1@news.istar.ca>
Source record: 216226
Cross-posted to: rec.radio.amateur.dx,rec.radio.amateur.misc

VE3MIS
is operating from the Halton County Radial Railway Museum,
Mississauga, Ontario, Canada.
Station operations by the Mississauga Amateur Radio Club.
VE3MIS will be operating from 1430 to 2000 UTC on September 28th and
29th.
HF Frequencies: 3.93, 7.23, 14.24, 18.13, 21.33, 24.94 and 28.34MHZ.
+/- QRM..
FM Frequencies: 145.430MHz -600kHz, PL 103.5 (Club Repeater)
446.100MHz Simplex
For QSL send QSL and SASE to M.A.R.C.,
c/o Michael Brickell, VE3TKI
2801 Bucklepost Crescent,
Mississauga, ON L5N 1X6
Canada
(NOTE: US stamps cannot be used to send mail from Canada to the US.)

3704. Re: HAM Fest

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: bgluck@monmouth.com
Message-ID: <527n0o$551@news.monmouth.com>
Source record: 216227
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.equipment,rec.radio.amateur.misc

Yes. Go to -- http://www.arrl.org/hamfests.html
It's the ARRL's listing of hamfests throughout the country and it's
updated frequently. Regards, Barry, WA2KLS
georgef@prolog.net (George F.) wrote:

>Hi
>Is there a WEB site that lists schedules for Ham Fest through the United
>States?

>I'm looking for dates for Ham Fest in the SouthEastern PA area. I know of
>one that is held in York, PA but I can't remember what part of the year it is
>(I thought fall time) So if anyone knows the dates please respond.
>Thanks,
>George

3705. UC Amateur Radio Club

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: lewi2727@uceng.san.uc.edu
Message-ID: <527od3$art@news.ececs.uc.edu>
Source record: 216228
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.policy,rec.radio.amateur.homebrew,uc.general,uc.ece,uc.compsci,uc.announce

The University of Cincinnati ARC will hold its first meeting during the 1996-1997 school year on Wednesday, October 9. We look forward to seeing some new faces (ok, and the old ones too...)

The club has resources for all hams, as well as scanner/shortwave enthusiasts.

If you would like to contact me, you can phone me at 556-7685 or the clubstation at 556-9899 (when the phone is working...) You can also page me at589-9822 or email me: lewse@email.uc.edu

We maintain an E-mail list to keep former/present/potential/future membersup to date on club activities. If you would like to be added, just say/type the word!!

-73- de N8TFD/Steve

3706. UK 2 Meter OPs?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: wt2@prism.gatech.edu
Message-ID: <527otm$7tp@acmey.gatech.edu>
Source record: 216229

Planing a trip to the United Kingdom late in September. Can anyone clue me
in on what I need to do to legally use repeaters while in country? Thanks,

--
Sgt. Bill Thompson / KC4ZUB <0> wt2@prism.gatech.edu
Georgia Tech Police Dept. Atlanta GA. <0> The Olympic Village Police Dept.
Money buys things, Power makes things happen. Given a choice, always
take Power.-->Roger Zelazny <0> LOOK, I AM THE DAMN NRA!

3707. Re: ARRL "Representation" on code and other issues ++

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <527oj5$l0c@news.Hawaii.Edu>
Source record: 216230
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

Dana Myers <myers@West.Sun.COM> wrote:
>Jeffrey Herman <jherman@Hawaii.Edu> wrote:
>>Alex VonYonkers <vicalex@Gramercy.ios.com> wrote:

>>>But when they can-t (sic) use THEIR equipment to call in for a pizza
>>>there in no (sic) much incentive to build new infrastructures
>>>on top of the aging ALOHA.

>>"Aging hello"? Never heard of that before.

>That's a hoot. Norman Abramson at the University of Hawaii (ever
>heard of that place?)

Oh, you mean that seven-campus system with 45,000 students and 2000 faculty?

>developed something called ALOHA in the 1970s,
>which really was the original packet radio network.
>If you're interested in making informed comments on the topic,
>I suspect your library at the school there has plenty of info,
>probably even all of the papers that were published.

Not interested at all. What interests me are HF modes in which real-
time two-way communications can take place.

What's the average delivery time for a packet message to go from
originator to addressee, say between the East and West Coasts?

Jeff KH2PZ / KH6

3708. Sheriff Joe Arpaio Live

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: lenwink@indirect.com
Message-ID: <526lkn$jre@news.goodnet.com>
Source record: 216231
Cross-posted to: rec.radio.info,rec.radio.shortwave,rec.radio.amateur.misc,rec.radio.amateur.policy

"World famous" Maricopa Sheriff Joe Arpaio will be the special guest this sunday, 9-29-96, on the Ham Radio & More Show, 2200 utc. Sheriff Joe is well known for his strong stance on crime, his tent jail (with a vacancy sign always lit), his men and women chain gangs, the pink shorts the inmates wear, no coffee and, of course, his possee. The local ham community works very well with the Sheriff and has been very helpful in many activities.Tune in to hear what he's up to next, and we invite your participation, too, on our toll-free listener call-in lines.
Below is further information.
Len Winkler, KB7LPW lenwink@indirect.com
P.O. Box 9219 kb7lpw@kc7y.az.usa.na
Phoenix, AZ. 85068-9219

Ham Radio & More Show (host); info at:
http://www.barc.org/barc/ham-more.html (Home Page) (Thanks BARC)
http://www.tapr.org/hrm (RealAudio site to hear past shows) (Thanks TAPR)

The Ham Radio & More Show airs LIVE each Sunday at 6:00pm ET, (2200utc), on many local commercial stations throughout the country.
ALSO: LIVE on WWCR Shortwave, 7.435mhz. 100,000 watts.(Thanks WWCR)
ALSO: LIVE on RealAudio at: http://ww2.audionet.com/pub/kbnp/kbnp.htm (Thanks KBNP)

Also available tape delayed via WWCR Shortwave on Mondays, at 0900utc on 3.210mhz and on Sundays, at 0300utc on 3.215mhz.

Support "WOG", the Written Only General!

3709. Must sell ASAP: Amateur Yaesu FT40 70cm HT! Make a reasonable offer.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: eplatt@wco.com
Message-ID: <3247785e.18017588@news.wco.com>
Source record: 216232
Cross-posted to: rec.radio.amateur.misc,rec.radio.swap

Yaesu FT40, 99 Channel radio. Includes tx/rx mod, tx and receives from 430 -484.This unit is LITERALLY the size of a pack of smokes, maybe a TINY bit deeper, but the same height and width. (Just add an antenna.) Does 99 channels PL _AND_ DPL, Keypad programmable, dual VFO, digital voice (record up to 20 seconds from the radio or by mike and either play back through speaker OR back on the air! Record you call and never say it again! Searches PL & DPL (yep, don't know the PL? Just hit a key, and it tells you! (I Can't find this in the manual, I think it;s a hidden trick.) Comes with low power battery pack, charger, manual, and box. Barely used. Would prefer Bay Area (California) but will ship. $300/BO. Must sell ASAP, make an offer. Either reply via e-mail, or call 415-939-1037 anytime. Thanks

Evan

3710. FS: UHF GE MVP Mobiles

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: Eric Homa <ehoma@sierra.campus.mci.net>
Message-ID: <3247880E.59D2@sierra.campus.mci.net>
Source record: 216233

I have for sale a small quantity of GE MVP mobile radios currently on 453 Mhz. They are the high power model, 21-35 watts. They are four channel capable and come with one set of elements. They have PL encode with a 192.8 versatone included. Tested good. No accesories. Great for conversion to a repeater.

I'm asking $99 each or 5 for $400. I'll pay the shipping UPS surface.

Email response or send a check to:
Eric Homa
P.O. Box 334
Applegate, CA 95703

Thanks

3711. Sheriff Joe Arpaio Live

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: lenwink@indirect.com
Message-ID: <526ofn$bhs@news.goodnet.com>
Source record: 216234
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

"World famous" Maricopa Sheriff Joe Arpaio will be the special guest this sunday, 9-29-96, on the Ham Radio & More Show, 2200 utc. Sheriff Joe is well known for his strong stance on crime, his tent jail (with a vacancy sign always lit), his men and women chain gangs, the pink shorts the inmates wear, no coffee and, of course, his possee. The local ham community works very well with the Sheriff and has been very helpful in many activities.Tune in to hear what he's up to next, and we invite your participation, too, on our toll-free listener call-in lines.
Below is further information.
Len Winkler, KB7LPW lenwink@indirect.com
P.O. Box 9219 kb7lpw@kc7y.az.usa.na
Phoenix, AZ. 85068-9219

Ham Radio & More Show (host); info at:
http://www.barc.org/barc/ham-more.html (Home Page) (Thanks BARC)
http://www.tapr.org/hrm (RealAudio site to hear past shows) (Thanks TAPR)

The Ham Radio & More Show airs LIVE each Sunday at 6:00pm ET, (2200utc), on many local commercial stations throughout the country.
ALSO: LIVE on WWCR Shortwave, 7.435mhz. 100,000 watts.(Thanks WWCR)
ALSO: LIVE on RealAudio at: http://ww2.audionet.com/pub/kbnp/kbnp.htm (Thanks KBNP)

Also available tape delayed via WWCR Shortwave on Mondays, at 0900utc on 3.210mhz and on Sundays, at 0300utc on 3.215mhz.

Support "WOG", the Written Only General!

3712. Whitestick Operator needs info.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: ei5he@corkcbc.iol.ie
Message-ID: <527sum$tjs@nuacht.iol.ie>
Source record: 216235

Hello there.
A friend of mine Dick EI9ET who is a white stick operator would like to know if there is anywhere on the internet where he could meet other whitestick operators.
If you know of anywhere that you think would intrest Dick could you please let him know by emailing him at.
dcraig@iol.ie
He would really appreciate it.
Thanks for your time.
Se&#65533;n EI5HE.

```
Packet, EI5HE@EI7DKB

EMail, ei5he@corkcbc.iol.ie
```

3713. Sheriff Joe Arpaio Live

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: lenwink@indirect.com
Message-ID: <526obr$bhs@news.goodnet.com>
Source record: 216236
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.misc,rec.radio.amateur.policy

"World famous" Maricopa Sheriff Joe Arpaio will be the special guest
this sunday, 9-29-96, on the Ham Radio & More Show, 2200 utc. Sheriff
Joe is well known for his strong stance on crime, his tent jail (with
a vacancy sign always lit), his men and women chain gangs, the pink
shorts the inmates wear, no coffee and, of course, his possee. The
local ham community works very well with the Sheriff and has been very
helpful in many activities.Tune in to hear what he's up to next, and
we invite your participation, too, on our toll-free listener call-in
lines.
Below is further information.
Len Winkler, KB7LPW lenwink@indirect.com
P.O. Box 9219 kb7lpw@kc7y.az.usa.na
Phoenix, AZ. 85068-9219

Ham Radio & More Show (host); info at:
http://www.barc.org/barc/ham-more.html (Home Page) (Thanks BARC)
http://www.tapr.org/hrm (RealAudio site to hear past shows) (Thanks TAPR)

The Ham Radio & More Show airs LIVE each Sunday at 6:00pm ET,
(2200utc), on many local commercial stations throughout the country.
ALSO: LIVE on WWCR Shortwave, 7.435mhz. 100,000 watts.(Thanks WWCR)
ALSO: LIVE on RealAudio at: http://ww2.audionet.com/pub/kbnp/kbnp.htm (Thanks KBNP)

Also available tape delayed via WWCR Shortwave on Mondays,
at 0900utc on 3.210mhz and on Sundays, at 0300utc on 3.215mhz.

Support "WOG", the Written Only General!

3714. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <527pom$2b9@cc.iu.net>
Source record: 216237
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <52388j$420@krypto.zippo.com>, cecilp@magic.bunt.com (Paul Cecil) writes:
>You have talked about tougher tests. Would please give me an idea of
>what type of test a new ham would take. Give some example questions,
>topics a ham would be required to know, etc.

how about correctly coming up with the theoretically correct value of distance from a perfect dipole antenna equal to the values considered the limits for RF exposure for a 100W transmitter with 3 dB loss in the feed line?

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

3715. ET3YU - NEW QSL ROUTE

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: dragans@EUnet.yu
Message-ID: <528628$skb@Solair3.EUnet.yu>
Source record: 216238

Hi for all.

As I finished my mission in Ethiopia the QSL route in Addis Ababa
isn't in use any more.

The new route is:

Dragan Stojanovic
Dusana Vukasovica 82/20
11070 Novi Beograd
YUGOSLAVIA

Till now I have exchanged about 4.000 QSL's out of 14.000 QSO's.

73's

Dragan - ET3YU

Dragan Stojanovic <> dragans@EUnet.yu

3716. Re: Datagram vs Connected (was: ARRL "Representation" on code and other issues)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: ka1jy@zipnet.net
Message-ID: <3247b9f9.1828422@news.zipnet.net>
Source record: 216239
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

On Sun, 22 Sep 1996 21:45:18 GMT, gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
> VC retries remind me of the
>slogan over the workbench which reads, "Why is there never time
>to do the job right, but always time to do it over?"
>
and over and over and over and over...

Here in Ct we've tried VC on link circuits where there are no 'users' to speak of and the RF path was marginal. It helped, once in a while as long as there was no serious volume of traffic. As soon as the traffic volume came up, the link just beat itself to death. There is no substitute for having a physical layer that works.

-be

3717. Re: PRO - CW !!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <528glh$6ar@cc.iu.net>
Source record: 216240

In <DxyoE6.63v@iquest.net>, payne@iquest.net (Don Payne) writes:
>
>Hey! We already HAVE no-code ham radio. It's called CB!!!!
>I rest my case.
>Don
>WB5IQV
>

but that's the flaw. CB isn't a replacement for amateur radio. assuming
proper operation, the two have completely different functions...

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

3718. Re: help with HR2510 mods

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: Edward Oros <ac3l@pgh.net>
Message-ID: <3247D7BD.367@pgh.net>
Source record: 216241

hi wrote:
>
> Does anyone know of any other mods I can do
> to the HR2510 besides the extended freq range
> mod? Specifically any mods to the RIT or getting
> the radio to have memory of a channel when I change
> bands and go back. Thanks for any replies...>>

http://www.qth.com/antenna

see the radio conversions section.

Ed--AC3L

3719. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: b-holt3@ti.com
Message-ID: <528n9g$j0d@sf18.dseg.ti.com>
Source record: 216242
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <51f6gt$fn1@anomaly.ideamation.com>, kd1hz@anomaly.ideamation.com (Michael P. Deignan) wrote:
>In article <51eper$ecs@abyss.West.Sun.COM>,
> Dana Myers <myers@West.Sun.COM> wrote:
>
>>Actually, I think the tests should include complex math, too.
>
>I think that's very snobbish and elitist of you.
>
>Obviously there are many fine people who would be excluded from an
>amateur license merely because they didn't take advanced mathematics
>classes in high-school if tests with this criteria where in place.
>
>MD

Hmm..... Many fine people have been excluded from an amateur license (below 30 Mhz) merely because they don't know CW, since tests with this criteria _are_ in place.

Sound like just another shade of the same color to me.

BTW: Advanced mathematics does not require a high-school class any more than one needs a class for CW. I'm proof of that.

Regards,
Brendon Holt, Ph.D. Mechanical Engineer
KC5VCW

3720. Re: the final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <528pas$mnm@sjx-ixn2.ix.netcom.com>
Source record: 216243

In <524rqp$2af@jupiter.planet.net> adell@planet.net (Steve - KF2TI)
Landing, NJ writes:
>
>> kc5egg@ix.netcom.com(Gerald Schmitt) writes:
>
>> Does this mean you will start using capital letters and
contractions
>> properly in your posts? Or does this nit picking only apply to
those
>> with whom you disagree on the subject of code tests? Just curious,
>> flame away.
>>
>> Jerry
>Flame away?? wow, you must think much of yourself.
>
>Carl and I are best bud's. we watch out for each other. He's
teaching me
>to copy 20 wpm in my head.
>
>Besides I only offer these services for those who profess a superior
intellect and then make
>bone head mistakes like constantly spelling the same word(s)
incorrectly
> And only those who profess to an amateur radio type of
>welfare state, where you can get a license by putting nothing into it.
>I have no problem with the code tests. It makes someone work for
something
>that they want. I don't think you qualify though.
>
>OHHH i'm sorry, we already have that don't we?? Isn't it called
CeeBee??
>Well 10-4 there good buddy. Picked this here HF ray did e oh from
that
>there 76 truckstop. How'm i sounding?? how bout that radio check.
>Roger dee doger there
>
>Glad to see you've come out from under your rock again.
>
>
>
> Back under the bridgeI go
>
>
>

Steve,

Thanks so much for not disappointing me. Your juvenile outburst was more than I than I could have expected. It is really too bad callsign servers are not available under the bridge. If they were perhaps you wouldn't look quite so stupid. Your assignment when you get your foot out of your mouth is to isto figure out why you look so dumb.

I guess Gary Coffman is right CW does do brain damage. Stop the madness end fast CW testing.

Jerry

3721. 2m Wide Open in Florida

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <528reo$u84@usenetw1.news.prodigy.com>
Source record: 216244

As we enjoy our first cold front of the season down here, 2m is wide open with tropo ducting.

Last night, I was working repeaters 150-200 miles away with my 5-watt HT and a homemade dipole (made out of a pair of TV "rabbit ears"), about 15 feet in the air.

As of 10:45AM EDT, the band is STILL up. This one may last for a couple of days!

-Drew in Sunny Central Florida-
KF4DDM

3722. Re: 4-5 kw Generator Recommendations??

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep24.141800.16089@ke4zv.atl.ga.us>
Source record: 216245

In article <5264ck$ohr@lex.zippo.com> wb4yuc writes:
>In article <1996Sep22.210323.9201@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us says.
>>One of the reasons I like diesels is that the fuel can be stored
>>for long periods. You can't do that with gasoline. So when that
>>really bad emergency hits you don't have to go looking for fresh
>>fuel right away.
>
>I think we need to define that "long" period of time.
>I have sucessfully stored gasoline for a year. Besides,I would
>certainly hope the owner wouldn't just let the generator sit
>idle.

Diesel will store indefinitely provided you keep it from becoming
contaminated by water, and provided you use a biocide in warm
climates where nasty bacteria like to grow in it. Of course you
can, and should, leave a diesel fully fueled. You'll wreck the
injector pump and the injectors if you run them dry.

Gasoline, even with stablilizer added, loses enough of its volatile
fraction in warm climates to make it unsuitable for use after as little
as six months, IE the octane number changes substantially. Without
stabilizer, it will gum and varnish the fuel system of your engine
too. You can't leave a gasoline engine fueled for long periods. But
if you leave it dry, the seals and gaskets in the fuel system will
dry out and may crack.

>Generators need to be tested routinely, an emergency isn't
>the time to figure out if it is going to fire up or not.

Sure, but you aren't going to run the entire fuel store through
it when testing. A trailer mounted diesel will likely have a
300 gallon tank. A home unit may have a 1500 gallon underground
tank. If you run it an hour a month, which is a good policy
to get the lubricants well warmed and circulated, you're still
only going to burn 3 or 4 gallons a month. That's not nearly
enough to rotate your fuel stock.

>I don't think the storage issue is really a problem here,
>unless the unit were going to sit for more than a year. If so,
>other things need to be done to the engine anyway
>to prepare it for storage, which includes draining out any
>fuel.

As noted above, you don't want to do that with a diesel, and
while you *have* to do that with a gasoline engine, it can
still cause problems with the seals and gaskets.

>Anyone properly prepared will have fresh fuel available,
>this should be included in their disaster planning. Being
>ready for something isn't seasonal.

The nice thing about diesel is that it is always fresh, even
if you've had it stored for several years. You can stock up
when prices are low, as they are seasonally, and avoid any
panic buying situations.

>>Diesel can be gotten from any long haul truck,
>
>I can't see these guys giving up any of their fuel when they are
>expected to haul much needed items into a disaster area, get out
>and deliver more ASAP.

Plenty of trucks get stranded in disaster situations where electric
power may be needed, such as last year's midwest blizzard. In flood
situations too, the big trucks may be stranded, or the roads may be
badly damaged or blocked by debris in an earthquake, etc. It is not
at all unusual to have idled trucks available from which fuel can
be obtained.

>>or from farm equipment, or heavy equipment.
>
>Farm equipment isn't real common stuff here, and I don't think
>I would want to risk getting arrested while trying to get fuel from a piece
>of heavy equipment sitting around somewhere. If the equipment is in use,
>again, I don't think that the operators would be willing to share
>fuel when they are under orders to move debris and open roads.

I guess it is obvious that you aren't from farm country (or at least
think you aren't, you might be surprised at the number of farms tucked
away in areas you don't normally travel). You never mess with a farmer's
equipment without permission, unless you want to be shot. But farmers
keep large storage tanks of diesel on the farm, and have portable, IE
300 gallon, tanks on their field service trucks to fuel their tractors
in the field. In an emergency, it would be unusual for a farmer not to
offer you some fuel, or at least sell you some. And while some farm
machinery is suited to removing debris, I doubt the big combines, cotton
pickers, or hay harvesters would find any use. And their 250 gallon tanks
are almost certainly filled with diesel.

Heavy equipment operators also have considerable on site fuel
storage in most cases. They don't depend on an oil company truck
delivering fresh fuel every day. Like farmers, they prefer to
stock up when prices are low. And the big ditchers, and some of
the specialized cranes may not be needed for cleaning up after
the disaster, and their tanks will almost certainly be full.
Again, you *ask permission* before helping yourself to fuel.
Stealing fuel can get you shot, and that includes stealing
gas from someone's car.

>>A diesel can also run on home heating oil, JP4, kerosene, or
>>even vegetable oils such as peanut oil, corn oil, or other
>>cooking oils. They stink a bit, but they work. The diesel also
>>is usually more fuel efficient, so you don't need so much fuel.
>>And the diesel is usually more rugged, and usually lasts longer,
>>than gasoline engines.
>
>I think most of the above gets to be hair splitting. I'm not
>sure any generator owner will want to subject his diesel to
>cooking oil.

Sure, works fine, just stinks (note, any fast food joint will
have dozens of 5 gallon cans of cooking oil on hand, and without
power they'll have no use for it). More likely though is home
heating oil. It *is* diesel to all intents and purposes. It just
doesn't have the road tax added to it. JP4 and kerosene will substitute
well enough for diesel as makes no difference (they're essentially
#1 diesel while ordinary engine fuel is #2 diesel). #1 is just a
bit more refined and has more of the lighter fractions. In cold
climates, #1 and #2 are blended in winter because #2 by itself
will gel below 24 F. (In a cold weather emergency, if all you
have is #2, you can cut it 10:1 with gasoline to make it flow,
or cut it 2:1 with kerosene. Or you can light a small fire under
the fuel tank to warm it. It's harder than you might think to get
diesel to burn outside the engine, which is another reason its a
good fuel to store.)

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3723. STOLEN: Icom IC-2000H from Antelope Valley, CA

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <5290ek$hjd@abyss.West.Sun.COM>
Source record: 216246
Cross-posted to: rec.radio.amateur.misc,rec.radio.swap

Kepp your eye open - last night my IC-2000H, serial #1132 was
stolen from Lancaster, CA.

Let me know if you see it ;-)

Dana KK6JQ
Dana@Source.Net

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

3724. Tekk KS900 availability in Halifax

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: vk2jtp@wr.com.au
Message-ID: <5291qf$e5c@metro.ucc.su.OZ.AU>
Source record: 216247

My son is visiting Halifax and I thought he may be able to check out
the price of a TEKK KS-900 rig for me and maybe bring one home, if the
price is right. Can anyone advise the name & address of any Ham Radio
equipment suppliers in Halifax.

Many Thanks ..... Terry

Terry Page - Sydney, Australia
Internet - vk2jtp@wr.com.au
Amprnet - vk2jtp@vk2pk.ampr.org [44.136.11.42]

3725. Need Manual for RCA UHF mobile

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: Jeff Bertholdi <jbert@mail.dialnet.net>
Message-ID: <32480D5C.6E40@mail.dialnet.net>
Source record: 216248

HELP!

I need a service manual for an RCA UHF 2 channel mobile. The model
numbers are:

MFBT0-AC21B
MFAT2-AC21B

Please contact me if you have one. I really need a copy.

Thanks,

Jeff Bertholdi
jbert@dialnet.net
417-866-0722

3726. R.S. Pro 2034 modify

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: gpa@riker.neoucom.edu
Message-ID: <Dy8wIr.37r@riker.neoucom.edu>
Source record: 216249

Hello,

I am trying to get information regarding the Radio Shack PRO 2034, scanner modification.

I found it for the Pro 2032 & Pro 34 in the QRZ site but nothing for the Pro 2034. Any help would be appreciated. Thanks,

Phil Atkins
gpa@neoucom.edu

3727. Wanted: Heath HW8 Handbook/mod book

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: "Richard B. Joerger" <joerger@rd1.racal.com>
Message-ID: <324813BF.9B4@rd1.racal.com>
Source record: 216250
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Howdee.

I've been looking for a compendium of mods for the Heath HW8 QRP rig.

It's been suggested that I get the book "HW8-Handbook" by the 73
magazine QRP editor. 73 Mag. doesn't have the book.

Can anyone point me to a source OR does anyone have a copy they would
sell?

TIA & 73

Rich Joerger, WB4EHG
pepper@icanect.net
joerger@rd1.racal.com

3728. Re: new call info - where?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: Kurt & Sara <kurts@zimmerman.polaristel.net>
Message-ID: <32480F80.5FF4@zimmerman.polaristel.net>
Source record: 216251

Paul R. Ryack wrote:
>
> What is the URL which shows the FCC's daily announcements of newly
> granted amateur licenses? TNX & 73, Paul, W1ETH
> Paul R. Ryack, W1ETH/6
> pryack@west.net
> W1ETH@K6TZ.#SOCA.CA.USA.NOAM

I believe this is the address.

http://www.lantz.com/htbin/cbs_today

3729. Re: Sheriff Joe Arpaio Live

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: rickets@earthlink.com
Message-ID: <52966u$bs4@ecuador.earthlink.net>
Source record: 216252

>"World famous" Maricopa Sheriff Joe Arpaio will be the special guest
>this sunday, 9-29-96, on the Ham Radio & More Show, 2200 utc. Sheriff
>Joe is well known for his strong stance on crime, his tent jail (with
>a vacancy sign always lit), his men and women chain gangs, the pink
>shorts the inmates wear, no coffee and, of course, his possee. The
>local ham community works very well with the Sheriff and has been very
>helpful in many activities.Tune in to hear what he's up to next, and
>we invite your participation, too, on our toll-free listener call-in
>lines.
Sounds like his potato been bakin' in the sun too long.
I wonder what Barry (K7UGA) thinks of this former DEA goofball.
dr
Dave Rickmers I'd wake up and
rickets@earthlink.com there'd be nothing...

3730. Re: 4-5 kw Generator Recommendations??

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: wb4yuc
Message-ID: <5292v6$dec@lex.zippo.com>
Source record: 216253

In article <1996Sep24.141800.16089@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us says...

<snipped it all....>

Gary,

It is obvious that you are a fanatic when it comes to diesel and
you will try to drive home that nothing else will do. I am
not going to get into that debate, it could be endless.

I'm of the opinion that it depends on the individual circumstances.
All systems have their good and bad points.

These things will need to be weighed by the group buying the
generator. They will need to make the best decision based on how
they plan to use it. That includes whether or not it should be a
portable or towed; air cooled or water cooled; desiel, gasoline,
or even propane. (Crud, for that matter, it could be a wood/coal
burning steam powered generator.)

I just know from my experiences living here in South Florida,
I would rather have a gasoline powered generator, mainly
because gasoline is far more available and I know how to
maintain the gasoline engine.

If obtaining desiel is not a problem in their area and they have
someone who understands how to properly maintain a desiel engine,
go for it. Any system will work, and work well, if properly cared for.

73,

Bruce, WB4YUC

3731. Re: the final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <529ac7$lva@jupiter.planet.net>
Source record: 216254

> kc5egg@ix.netcom.com(Gerald Schmitt) writes:

> Steve,
>
> Thanks so much for not disappointing me. Your juvenile outburst was
> more than I than I could have expected. It is really too bad callsign
> servers are not available under the bridge. If they were perhaps you
> wouldn't look quite so stupid. Your assignment when you get your foot
> out of your mouth is to isto figure out why you look so dumb.

let's see...juvenile...stupid..dumb?? these don't look like compliments to me.
Actually very regressive tendencies are being shown here.

why is I'm so dumb?? I am not the one using his old call sign. Are
you ashamed that your are an advanced class license holder??
Must be, either that or you lost the instructions on how to
change your header from kc5egg@ix.netcom.com(Gerald Schmitt)
to kk5yy@ix.netcom.com(Gerald Schmitt). Wow an advanced class license.

>
> I guess Gary Coffman is right CW does do brain damage. Stop the madness
> end fast CW testing.

If anything, it keeps Carl and his techno wizs where they belong

>
> Jerry

Just remember.. insults are the last resort of a lost argument

3732. Tuning details required

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-24 00:00:00 UTC
From: Terry Jensen <gi7ghm@zetnet.co.uk>
Message-ID: <19960924194305692O6@zetnet.co.uk>
Source record: 216255

I have been given a ZYCOMM FM9000 handheld, which I have crystaled up for 70cm. But I have no tuning details.

Can anyone please let me know if these are available, and where. Or would anyone have details that they could E-Mail them to me.

Many thanks in advance.

Best 73's

de

Terry (gi7ghm@zetnet.co.uk)

3733. Re: CB linear amps 4 Sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: kd1nr@anomaly.ideamation.com
Message-ID: <52cgpm$4rf@anomaly.ideamation.com>
Source record: 216056
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.cb,rec.radio.swap,rec.radio.amateur.misc,alt.2600

In article <32496ACD.2520@ix.netcom.com>,
Larry Shilkoff <shilkoff@ix.netcom.com> wrote:
>B. swanson wrote:
>>
>> if you don't get caught it is not a crime.
>>
>
>And people wonder why our social norms appear to be declining.

Goes along with my theory about traffic lights after midnight. I apply the "If a tree falls in the woods and there's nobody there to hear it fall, does it make a sound?" principle. By that I mean, if it's after midnight and there's nobody else around (most importantly there's not a cop nearby), and you run the light, does anyone see you run the light?

Tony

--
== Tony Pelliccio, KD1NR
== As offensive as I wanna be.
== kd1nr@anomaly.ideamation.com

3734. Re: Cheapest way to make up QSL cards?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: kd1nr@anomaly.ideamation.com
Message-ID: <52cguq$4s7@anomaly.ideamation.com>
Source record: 216057

In article <charles1DyB6M9.IG3@netcom.com>,
charles copeland <charles1@netcom.com> wrote:
>After talking to Kinko's, I'm quit shocked what they want to make 3X5
>QSL cards. A mininum of 100 at 41 cents EACH! Price drops to 18 cents
>each for 1000 ... thats $181!
>
>I bought some heavy duty paper, but dread cutting out these things.

If you format it right - you can use one of those huge paper cutters. I
usually split an 8.5x11 sheet into three 8.5x3.7 or three 3x5 cards and trash
the rest. It also helps if you have access to a copier like I do.

Tony

--
== Tony Pelliccio, KD1NR
== As offensive as I wanna be.
== kd1nr@anomaly.ideamation.com

3735. Re: Vanity calls -- someone else eats my pie?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: mc@shore.net
Message-ID: <52clib$mtt@northshore.shore.net>
Source record: 216058

In article <3249513A.3B3C@jetisi.com>, Gene Shablygin <Gene@jetisi.com> wrote:
>
>As for today, I know, that one of the calls I applied for, is gone.
>It was W7AA, my choice # 4, and it was assigned to WB7PJM (congrats,
>Nikki!). I am interested, if all my other choices will go that way,
>to somebody else, who delivered his application earlier, than my
>Early AM Saturday UPS.
>

Hello Gene: (Yevgeni?)

I don't think they have even started to look at the pile. Your friend probably applied under Gate 1 or 1A. According to what I heard/read, the FCC says don't expect to see any calls issued under Gate 2 for 2-3 weeks.

From what I was told anything that arrived earlier than Saturday would be returned.

Good luck!

73,

Michael Crestohl, KH6KD/W1 (W1??)

mc@shore.net

3736. Re: 2m Wide Open in Florida

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <52cri7$509@anomaly.ideamation.com>
Source record: 216059

In article <52c90a$1sj6@usenetw1.news.prodigy.com>,
Drew Durigan <VUBS79A@prodigy.com> wrote:

>Oh, excuse me! I didn't realize we were comparing apples to oranges here.
> And here I thought 200 miles was pretty good for 5 watts on 2 meters
>into a HOMEMADE antenna which cost me a total of ZERO to build and
>install.

Yeah, but you had to use a repeater to make the contact.

When we have inversions here in New England we can occasionally
work folks from Nova Scotia and Newfoundland on simplex.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

3737. Re: new call info - where?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: Al Robinson <robinsona@rl.af.mil>
Message-ID: <52b6j8$4sb@news.rl.af.mil>
Source record: 216060

Try http://www.webbuild.com/~ki4hn.htm

3738. Large Selection of Vintage Manuals Available

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-2509962335500001@host45.cyberg8t.com>
Source record: 216061

If you need a source for vintage radio manuals Ham/scanner/military/and commercial visit "The Raymond Sarrio Company" web site at http://www.sarrio.com. come by a check out the site, I have over 3000 manuals listed on-line. I can normally get manuals shipped within 2 business days, and I guarantee 100% customer satisfaction. 73's Ray
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront and web site developer. Located at http://www.sarrio.com.

In association with Brillar Enterprises http://win-win.com/brillar provider of discount CD-Roms!
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront and web site developer. Located at http://www.sarrio.com.

In association with Brillar Enterprises http://win-win.com/brillar provider of discount CD-Roms!

3739. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: mcarter@freenet.npiec.on.ca
Message-ID: <52bfil$per@brain.npiec.on.ca>
Source record: 216062

carl@ais.net wrote:
: Never heard of Canada, huh? I understand that they will recommend
: removal of the CW requirement ... I'm sure there will be many others,
: too.

Don't keep up with things, eh? I've had my codeless license for 6 years
now...

'Course, no one can really deny that CW(or demonstrating knowledge of
any particular operating mode) is kind of a bizarre requirement for a ham
license these days, but what's the alternative? Tougher and tougher
written(or multiple-choice as it is in Canada) tests? Kind of a no-win
situation. I don't have any particular ideas on how hams should be
licensed, myself, but I personally haven't had a heck of a lot of success
with CW.

Mark
VE3 RYC

--

*** Carter Computer Solutions Voice/Fax: 934-1413 ***
*** Sharp Cash Registers and Hospitality Systems ***
*** Service - Sales - Point of Sale - Networking ***
*** Gopher freenet.npiec.on.ca Menu: 4,4,10,4 ***

3740. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: mcarter@freenet.npiec.on.ca
Message-ID: <52bgjs$per@brain.npiec.on.ca>
Source record: 216063

Regarding the percentage of world-wide hams represented by the U.S.:

Jari Jokiniemi (jjo@tekla.fi) wrote:

: A small percentage, oh really? Perhaps it is then Canada which is
: filling the North American Callbook, not the USA.

Duh... the world exists outside North America.

: It should not be a big surprise that people tend to behave in
: groups.

No surprise to me. People are stupid.

: They listen to the others and form their opinions based on the
: opinions of the others.

Translation: Most people are blind followers, mindless drones, etc.

Mark

3741. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: mcarter@freenet.npiec.on.ca
Message-ID: <52bg72$per@brain.npiec.on.ca>
Source record: 216064

Michael P. Deignan (kd1hz@anomaly.ideamation.com) wrote:
: In article <50nufc$p18@news.ais.net>, <carl@ais.net> wrote:

: >Consider the following ... if we had more technically-inclined, skilled
: >individuals (like those being turned off by the CW testing) packet would
: >have progressed beyond its "dark ages" (1200/9600) and real networks
: >might be in place by now.

: If these wiz-bang techno-geniuses that would be developing this
: technology were at all really interested in amateur radio, they'd be
: on the air, today, experimenting with what you describe, using the
: license class that already exists for exactly that purpose.

Well, consider this. A 2m FM HT in Canada costs c.$400. An actual
TNC costs about the same(at only 1200 baud!). That's $800, plus you need
a computer. I'm sorry, but anybody with a computer and $800 in their
pocket is much more likely to spend $200 on a 33.6kbps modem, get on the
Internet, and keep the extra $600.

As for satellite or SSB work, an all-mode VHF/UHF rig costs more than a new
computer. I think the point I'm making there is painfully obvious.

Rig manufacturers need to cut their prices in half, and then do it
again. The reason there's so many codeless hams that are inactive is
because the equipment is so damned expensive. Even spending $400 to talk
voice to the local guys is almost a waste of money, since(apart from
local voice being booooring) they all meet every day to talk to each
other face to face at a local donut shop...

Mark
--

*** Carter Computer Solutions Voice/Fax: 934-1413 ***
*** Sharp Cash Registers and Hospitality Systems ***
*** Service - Sales - Point of Sale - Networking ***
*** Gopher freenet.npiec.on.ca Menu: 4,4,10,4 ***

3742. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: mcarter@freenet.npiec.on.ca
Message-ID: <52bidp$per@brain.npiec.on.ca>
Source record: 216065
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Michael P. Deignan (kd1hz@anomaly.ideamation.com) wrote:
: Obviously there are many fine people who would be excluded from an
: amateur license merely because they didn't take advanced mathematics
: classes in high-school if tests with this criteria where in place.

Not to mention that those us who can't do math generally communicate much better than the heavily technical types. Get rid of us and everything on the air gets real quiet all of a sudden. ;-)

Mark

3743. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: jcraig@morgan.ucs.mun.ca
Message-ID: <52b6ea$m0e@coranto.ucs.mun.ca>
Source record: 216106
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

s0@usenet.pa.dec.com> <52791v$3mp@news.ais.net> <529do2$s99@usenet.pa.dec.com>
<529ui5$l9s@news.ais.net>
:
Distribution:

carl@ais.net wrote:

: >In making this argument, you've justified the fraternalists belief in coercion.
: >The empirical counter argument can be found in urban RF environments; the FM
: >bands are completely locked up in repeaters, and so, rather than developing
: >some spectrally efficient hardware, FM folks are bleeding into the weak signal
: >segments.
: >

: The commercial land mobile people will no longer be able to use the
: current "narrowband" FM in a short time ... new radios are being
: mandated to meet tougher spectral efficiency standards in order to be

Yep... and I can see all the VHF+ amateurs trashing all their HT's
and buying ones with this new technology... (!?)

: >So, Carl, we've had five years of codefree licensing in the VHF bands. Where
: >is the new hardware? Where are those technical people who in theory are being
: >kept from doing neat stuff? Unless you can demonstrate success in this area,
: >you can't claim that anything will be different on HF.

Ahhhh, perhaps because the 'new technology' and 'neat stuff' (that has
yet to be developed) just won't work above 30 MHz? Is that it? Yeah
Carl... why haven't all these techno-wiz guys developed a spectrally
efficient prototype and demonstrated it on VHF+?

: elevators" ... there is no "system" ... and nothing's going to break ...
(like 27 MHz??)

: that ... clinging to 1930s technology is NOT the way to fix that ...

What technology? SSB? That was used in the '30s!

: Carl - wa6vse
: carl@ais.net

--
73 Joe VO1NA

3744. Solar Flux WWV ??

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: rlubash@poco.mv.com
Message-ID: <DyAGGE.5B0@mv.mv.com>
Source record: 216107

I was wondering if anyone had a URL for the WWV 3 hour solar flux and K & A values. I thought that WWV had a page but I was only able to find time info.

Thanks in advance

Richard, N1VXW

Richard Lubash
N1VXW
email rlubash@poco.mv.com

3745. Re: Sheriff Joe Arpaio Live

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: gerde@gilbreth.ecn.purdue.edu
Message-ID: <52anv0$pu2@mozo.cc.purdue.edu>
Source record: 216108

rickets@earthlink.com writes:

>>"World famous" Maricopa Sheriff Joe Arpaio will be the special guest
>>this sunday, 9-29-96, on the Ham Radio & More Show, 2200 utc. Sheriff
>>Joe is well known for his strong stance on crime, his tent jail (with
>>a vacancy sign always lit), his men and women chain gangs, the pink
>>shorts the inmates wear, no coffee and, of course, his possee. The
>>local ham community works very well with the Sheriff and has been very
>>helpful in many activities.Tune in to hear what he's up to next, and
>>we invite your participation, too, on our toll-free listener call-in
>>lines.
>Sounds like his potato been bakin' in the sun too long.
>I wonder what Barry (K7UGA) thinks of this former DEA goofball.
>dr
>Dave Rickmers I'd wake up and
>rickets@earthlink.com there'd be nothing...

I rather think that some of his ideas are cutting edge. Education opportunities have produced the change in behavior that we in normal society desire. Shock therapy as he applies seems to work. Unlike most in law enforcement, he seems to want long term solutions not more power.

He also desires to work with volunteers rather than totally depend on professionals. We are finding that pros get burned out faster and volunteers bring varied talents as well as heart to the job. Just like reservist are the bulk of the soldiers in Europe, volunteers we be performing increasing portions of public service.

--
73...N9NWO

3746. Re: 2m Wide Open in Florida

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <52bgkf$7o1@lehi.kuentos.guam.net>
Source record: 216109

VUBS79A@prodigy.com (Drew Durigan) wrote:

>As we enjoy our first cold front of the season down here, 2m is wide open
>with tropo ducting.

>Last night, I was working repeaters 150-200 miles away with my 5-watt HT
>and a homemade dipole (made out of a pair of TV "rabbit ears"), about 15
>feet in the air.

>As of 10:45AM EDT, the band is STILL up. This one may last for a couple
>of days!

>-Drew in Sunny Central Florida-

Wow. 200 miles. That's DEEEE-X. Imagine what you could do with a real radio
and a fourty meter dipole........

3747. Re: ARRL "Representation" on code and other issues ++

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <52bcpm$41k@abyss.West.Sun.COM>
Source record: 216110
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <527oj5$l0c@news.Hawaii.Edu>,
Jeffrey Herman <jherman@Hawaii.Edu> wrote:
>Dana Myers <myers@West.Sun.COM> wrote:
>>Jeffrey Herman <jherman@Hawaii.Edu> wrote:
>>>Alex VonYonkers <vicalex@Gramercy.ios.com> wrote:
>
>>>>But when they can-t (sic) use THEIR equipment to call in for a pizza
>>>>there in no (sic) much incentive to build new infrastructures
>>>>on top of the aging ALOHA.
>
>>>"Aging hello"? Never heard of that before.
>
>>That's a hoot. Norman Abramson at the University of Hawaii (ever
>>heard of that place?)
>
>Oh, you mean that seven-campus system with 45,000 students and 2000 faculty?

Well, I've never even been to Hawaii and I know about ALOHA, so
you can kindly save the excuses.

>>developed something called ALOHA in the 1970s,
>>which really was the original packet radio network.
>>If you're interested in making informed comments on the topic,
>>I suspect your library at the school there has plenty of info,
>>probably even all of the papers that were published.
>
>Not interested at all. What interests me are HF modes in which real-
>time two-way communications can take place.

If I read you correctly, you're not interested in making informed
comments about packet radio. Therefore, it probably is a waste of
time to even try to have a discussion with you. However, packet is
a perfectly viable mode for real-time two-way communications - I've
done it several times myself.

>What's the average delivery time for a packet message to go from
>originator to addressee, say between the East and West Coasts?

I dunno. I know that when I connect to the East coast from the West
coast on packet, there's no more delay than when I work the East
coast on CW, which is an apples to apples comparison. How long does
it take the automated CW nets to send messages? ;-)

Never mind, since you're not interested in making informed comments
on the topic.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

3748. Re: CB linear amps 4 Sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: "B. swanson" <aswane@execpc.com>
Message-ID: <32496047.30A8@execpc.com>
Source record: 216111
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.cb,rec.radio.swap,rec.radio.amateur.misc,alt.2600

Brian wrote

all I have to say is to all of you is do what you want and stop
bringing your agurment onto the inet use personal email and not news
group because I have to say you are all the bigest bunch of wining little
babies I have ever seen.

and like someone else said if you don't get caught it is not a
crime.

3749. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <52bhc4$7o1@lehi.kuentos.guam.net>
Source record: 216112
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

b-holt3@ti.com (Dr. Brendon Holt) wrote:

>Hmm..... Many fine people have been excluded from an amateur license (below
>30 Mhz) merely because they don't know CW, since tests with this criteria
>_are_ in place.

>Sound like just another shade of the same color to me.

Hmm..... Many fine people have been excluded from a country club merely because they don't have money, since tests with this criteria _are_ in place.

Hmm..... Many fine people have been excluded from having a pilots license merely because they don't know how to fly an airplane, since tests with this criteria _are_ in place.

Life's a bitch, huh......

73, Jim KH2D

3750. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: billsohl@planet.net
Message-ID: <52bi9u$f09@jupiter.planet.net>
Source record: 216113
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

pacrimgolf@kuentos.guam.net (Jim Kehler) wrote:

>b-holt3@ti.com (Dr. Brendon Holt) wrote:

>>Hmm..... Many fine people have been excluded from an amateur license (below
>>30 Mhz) merely because they don't know CW, since tests with this criteria
>>_are_ in place.

>>Sound like just another shade of the same color to me.

>Hmm..... Many fine people have been excluded from a country club merely because
>they don't have money, since tests with this criteria _are_ in place.

Dumb analogy because it is a private entity, if for no other reason.

>Hmm..... Many fine people have been excluded from having a pilots license merely
>because they don't know how to fly an airplane, since tests with this criteria
>_are_ in place.

Really dumb anaology as the requirements for a pilots license are
directly justifiable for public and personal safety reasons. That's
not at all true for CW testing.

Bill Sohl K2UNK
ARRL Local Gov't Liaison, Mt. Olive Township, NJ

3751. 24-hour Windows clock?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: alandp@flash.net
Message-ID: <52bfgf$7lv@excelsior.flash.net>
Source record: 216114

I am running Windows 3.1 on the computer I use for ham
stuff, and I have been using the Windows clock since I don't
have any other clock in the shack right now. Does anyone
know where I can download a similar clock that can be set
to 24-hour format? It doesn't look like the standard clock is
capable of doing 24-hours. This would have to be freeware
of course, I'm not desperate to actually pay for anything.

Alan KJ5ZD

3752. Re: do we build? was(re: arrl survey ignores 7 of 8 wrc-99 issues!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <52bhuc$1q4k@info4.rus.uni-stuttgart.de>
Source record: 216115
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew

>Is snapping ICs into sockets considered
>homebrew? I'll say "no", and call something like this a kit, instead.
>I'll snap it together but won't make any claim that I homebrewed a
>VFO.

Don't be so ridiculous, What do you call nailing a tube
to a breadboard, strapping a few caps and coils around it
until it transmits or receives? By your standart it could not
possible have been homebrewing.

Moritz DL5UH

3753. Vanity calls -- someone else eats my pie?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: Gene Shablygin <Gene@jetisi.com>
Message-ID: <3249513A.3B3C@jetisi.com>
Source record: 216116

Hi everybody,

If you are reading this, it means that you probably filed the
610-V this Monday, as I did ... and wondering, when (if) we will
get our new calls with less dits and unpronounceable letters.

I wonder, if anybody knows, how FCC processes our applications.
I can imagine, what a huge pile of paper they got on Monday...

As for today, I know, that one of the calls I applied for, is gone.
It was W7AA, my choice # 4, and it was assigned to WB7PJM (congrats,
Nikki!). I am interested, if all my other choices will go that way,
to somebody else, who delivered his application earlier, than my
Early AM Saturday UPS.

If anybody has an idea, how those FCC guys will handle our papers,
please advice. I hate letter B in my call (I used to have it at
the end of my first call UA3AMB -- it was miserable! 10 percent of
folks read it as D). Then in Russia I got RA3AA (not bad... I was
at the right time in the right place), which I proudly keep. I just
wondering, if I will have a chance to have good sounding call here.

73

Gene AB5GY

3754. Hispanic activity on 10MHz?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: wally@pop.uky.edu
Message-ID: <1119.6842T651T603@pop.uky.edu>
Source record: 216117

I set my clocks around the house and on my HP48 calc to WWV every now and then, and the last two times I've tried I could barely hear the announcement of the time due to strong signals of hispanic origin. And it doesn't seem to be a conversation, rather about 5 people talking on top of each other. Today I could hear three distinct conversations.

I've heard of Mexican taxi drivers using 10M, perhaps I misunderstood and it is 10MHz they use to chat with each other?

Kinda weird, I guess if they're close enough the strong WWV signal doesn't bother them. I'd rather talk in a quiet room than at a concert, though! :)

--
-.-. --.- -.-. --.- -.-. --.- -.-. --.- -.-. --.- -.-. --.- -.-. --.- -.. .
. Walter Francis _. KT4LH .
- HP48GX Alinco DJ580 Icom 281 Kenwood 530S o:o -
. Wally@POP.UKY.EDU Life begins on 80 .
--... ...-- --... ...-- --... ...-- --... ...-- --... ...-- --... ...-- ..

3755. Looking for Ham J. R. Herndon??

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: "Mr. J" <burnt@ix.netcom.com>
Message-ID: <52bjuf$3rh@dfw-ixnews8.ix.netcom.com>
Source record: 216118

Looking for a lost friend.

Jim and I went to college together in Iowa. He is a world class radio ham or at least was. Does
anyone know his whereabouts or how I may contact him. He was originally from Sacramento and would
be in his early 50's.

Thanks.

Jim H.

3756. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <52bdja$nql@freenet-news.carleton.ca>
Source record: 216119

Dr. Brendon Holt (b-holt3@ti.com) writes:

====== snip ======
>
> Hmm..... Many fine people have been excluded from an amateur license (below
> 30 Mhz) merely because they don't know CW, since tests with this criteria
> _are_ in place.
>
> Sound like just another shade of the same color to me.
>
> BTW: Advanced mathematics does not require a high-school class any more than
> one needs a class for CW. I'm proof of that.
>
> Regards,
> Brendon Holt, Ph.D. Mechanical Engineer
> KC5VCW

Anyone can learn CW by simple association. Mathematics require a
cognitive ability somewhat different than simple association. Some can do
math, some can do arts, some can do acting, all can learn morse.

BTW: does one need to be taught latin or just learn it to know what Ph.D.
means?

--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

3757. Re: longwire ant

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <52bdue$nvu@freenet-news.carleton.ca>
Source record: 216120

Cecil Moore (Cecil_A_Moore@ccm.ch.intel.com) writes:
> Steven Olson wrote:
>> Am moving to a new location and am thinking of trying a long wire ant for
>> hf. Anyone have any specs and tips for one?
>
> Hi Steve, when you say "long wire", do you mean end-fed? Do you want to
> work all HF bands? 160m? What kind of radiation pattern do you want?
> For 10m-80m, it's hard to beat a 102' center-fed with ladder-line.
>
> 73, Cecil, W6RCA (not speaking for my employer)

I took some of Cecil's advice and installed a centre fed 102'(+-) wire
with a 34' ladderline 450'. 80m is flat as a pancake across the board.

A few hicups at 10m but I can tune them out. I went up a tree to feed
this ant. Better do it before winter.

--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

3758. Re: HAM: Getting started

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: pschleck@oasis.novia.net
Message-ID: <52bkp5$pp@oasis.novia.net>
Source record: 216121

In <1996Sep23.170152.12694@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>In article <Pine.A32.3.93.960911161028.35804A-100000@srv1.freenet.calgary.ab.ca> "Jeremy Vink (aka \"Datum\")" <jvink@freenet.calgary.ab.ca> writes:
>>How would I get started in HAM radio? I don't have ALOT of money, but I'm
>>willing to shell out just about anything less than $100. Also, how would I
>>get a HAM licence?

>You need a Canadian license, of course. I don't know if there is
>a website with Canadian info. [...]

(Supplementing Gary Coffman's excellent advice.)

Yes, there is. It's the Radio Amateurs of Canada WWW Home Page (The RAC is Canada's national amateur radio society). The URL is in the entry for the RAC Treasurer and Webmaster in my Amateur Radio Elmers Resource Directory:

http://www.novia.net/~pschleck/elmers/

In particular:

http://www.novia.net/~pschleck/elmers/P.html#Pulfer

--
73, Paul W. Schleck, KD3FU
pschleck@novia.net
http://www.novia.net/~pschleck/
Finger pschleck@novia.net for PGP Public Key

3759. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: billsohl@planet.net
Message-ID: <52bgl9$es6@jupiter.planet.net>
Source record: 216122
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

kd1hz@anomaly.ideamation.com (Michael P. Deignan) wrote:

>In article <1996Sep22.012958.5716@ke4zv.atl.ga.us>,
>
>>It isn't the government's legitimate place to erect arbitrary hurdles

>Yeah. Like those nasty theory exams, huh? Just think of all the amateurs
>we would have if they didn't have to take tests first.

Red Herring alert!!!

If you are new o this news group, please note
that this comment is voiced by a pro-code
advocate. There is literally no support for
any elimination of theory testing by those of
us on the no-code side of the debate.

Bill Sohl K2UNK
ARRL Local Gov't Liaison, Mt. Olive Township, NJ

3760. Re: 24-hour Windows clock?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: cgreenha@magnus.acs.ohio-state.edu
Message-ID: <cgreenha.705.32495D74@magnus.acs.ohio-state.edu>
Source record: 216123

In article <52bfgf$7lv@excelsior.flash.net> alandp@flash.net (Alan) writes:
>From: alandp@flash.net (Alan)
>Subject: 24-hour Windows clock?
>Date: 25 Sep 1996 14:27:27 GMT

>I am running Windows 3.1 on the computer I use for ham
>stuff, and I have been using the Windows clock since I don't
>have any other clock in the shack right now. Does anyone
>know where I can download a similar clock that can be set
>to 24-hour format? It doesn't look like the standard clock is
>capable of doing 24-hours. This would have to be freeware
>of course, I'm not desperate to actually pay for anything.

>Alan KJ5ZD

Hi Alan.

The Widows clock will do 24 hours. Open Control Panel, then go to
International, and make the approprite changes under "Time Format".

Take care.

Christopher K. Greenhalgh, N8WCT
Computer/Electronic Tech. II at The Ohio State University
E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

3761. Re: Digital/Analog HF Receiver Design

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: howard <howard@erols.com>
Message-ID: <32496374.4E0A@erols.com>
Source record: 216124

Jim Reid wrote:
>
> Gary Coffman <gary@ke4zv.atl.ga.us> wrote in article
> <1996Sep21.092008.2466@ke4zv.atl.ga.us>...
> > In article <01bba732$83fb2ba0$89070ccf@jim-reid-1> "Jim Reid"
> <jreid@aloha.net> writes:
> > >carl@ais.net, in article <51helc$pjm@news.ais.net>...
>
> Gary writes:
> > That's a shocking statement, but it may be true. $10-$15 extra
>
> Jim"
>
> Of course I meant to type $10,000 to $15,000 for these prices!
> And, yes, they are shocking.
>
> But Mahalo to you Gary for your excellent explanation of the coming
> digital techniques; I truly hope they are not to far out into the
> future. Any chance before the next propogation peaks just
> past the century turn? Only 5 or 6 more years. Clearly I do
> not have the background to participate any further in this level
> of technical discussion; my degrees, were in, of all things,
> vacuum tube technology learned at Stanford in the mid 1950's!
> You know, TWT's, Beam Parametric Amplifiers (the Adler tube from
> Zenith Radio) etc. Stanford the home of the Varian' s Klystron and
> the many technologies later commercialized at Eimac and so forth.
> My particular assistanship project was a contra-wound helix
> X-band TWT; contra wound in hopes of greater gain:
> a hoped for 40 dB gain over the band; realized about half that, 37.
>
> Anyway, too many decades have passed for me to get atop the
> math, tecnhology, and integrated experiences leading to that of
> which you have written to even hope to participate. Do keep on
> top of your ideas, Gary, and try to urge someone here, such as
> maybe the great guys at Ten Tec to begin marching in the direction
> you propose and map out. They have already broken with the
> Japanese in their approach to eliminating some inherent noise in
> the phase lock loop approach in the LO synthesizer design. So
> they do apply different ideas, at least.
>
> The Contesting part of the amateur community has already gotten
> together on the internet and presented several improvment ideas
> to Ten Tec; upgrade ideas to the Omni VI they now have, but
> certainly nothing as exciting as that which you propose.

>
> Turn your piece into a proposal to them Gary, who knows, they
> might be willing to grant you some support, if you should wish it
> that is.
>
> Anyway, thanks again, Gary. I am very grateful for the time you took
> to respond so completely and deeply to my post. This is what the
> amatuer radio community really is all about.
>
> 73, Jim, AH6NB
>
> > may be more than amateurs are willing to pay for better performance
> > equipment, especially if it means abandoning their "traditional"
> > signal modulations. But I expect that the RF part of tommorrow's
> > receivers will actually be simpler than today's receivers, and
> > should offer markedly reduced costs. The digital back end will
> > add costs, but probably not enough to offset the up front savings.
> > (The price of digital components continues to plunge as their
> > power grows while the cost of analog RF components continues
> > to soar.)
> >
> > Note, transmitter costs and complexity are essentially moot.
> > Off the shelf technology already allows us to build suitable
> > I/Q transmitters at low cost and with sufficient performance.
> > (An I/Q transmitter allows us to generate any arbitrary signal
> > design.) It is the receiver, and suitable signal design, which
> > are the keys to big performance gains.
>
> >Gary

Hey, Jim, don't let these guys get you down. They're in a purgatory of frustration at the moment, having good theory but lacking the elemental building block of an adequate (24 bit, 90 MHz) A/D converter for HF. Although you can subsample with lesser converters, that only begs the question since the desired signal must be known to be bandlimited adequately or you get tons of garbage. Without preselection (which is why it begs the question) subsampling will not do wideband .5 - 30 MHz... The logical question is "When will the desired A/D converter be available?" I am still waiting for that answer!

The EM interference at 900 MHz is not to be compared with that at HF. That is one reason that this PCS gear can be made for $1.98 - the required distortion performance is a lot less. I worked on an HF receiver/preselector that had to deal with 100V 10% off-frequency. I have also worked with with HF full duplex, and its essentialy unsolved co-location problems. I don't think UHF has many equivalent situations. Another advantage is that the problem to be solved at 900 MHz is narrowband. Compare the %BW at 900 MHz with the multioctave BW at HF, and it's a different ballgame for many system blocks, such as the synthesizer, front-end filtering, spurious management, etc. The IQ crowd always seem to wind up with a fixed IF to work with -- it must be

nice. Note that in every instance they rely upon analog techniques to give them that fixed IF. Come to think of it, I'm not sure but as I recall 24 bit A/D technology is stuck somewhere down around a sample rate of 10 Hz or so. Maybe more. I dunno.

There is one thing which could make the whole discussion moot, at least to the point of a new receiver design which would at least equal the performance of current designs. That would be if a filter were available which could be tuned and which would provide the desired ultimate selectivity across the HF range at the antenna. In other words, a 2.7 KHz "ideal" filter which could be tuned from .5 to 30 MHz for SSB voice, for example. That would mean that the only signal present would be the desired signal. And that would mean that optimum receiver architecture would be completely redefined. The common problems of today would be in many cases nonexistant. There would no longer be a need for superheterodyning, since the initial problem it solved was to get the desired signal to a low enough frequency (while retaining performance) so that the desired selective filter could be made. So the HF problem would start to look a little more like 900 MHz, eh? One could then use some simple down-conversion technique and be done with it. This filter may come about before the aforesaid A/D becomes available.

So I think you're both right. You point out that the IQ folks have yet to exhibit a fully functional antenna-to-speaker receiver as good as the one on your bench, and you're right. They may never. You also point out that some of the dsp performance today isn't as good as --- but here you're on a slippery slope. The dsp approach can do many things much better than analog design, and can do some things which cannot be done at all in analog. It is the future of radio, and I for one am glad to see this help come. It'll mean exciting design work, and better radios.

Regards, Howard

3762. Opinion on callbooks please

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: Nat Davis <ndavis@vt.edu>
Message-ID: <324962FF.4DE7@vt.edu>
Source record: 216125
Cross-posted to: rec.radio.amateur.dx,rec.radio.amateur.misc

I am relatively new to DX QSLing and have had only marginal luck in finding mailing addresses in the on-line QSL "callbooks" such as Buckmaster and QRZ. I'm considering buying a callbook (or CD ROM version) if it provides better coverage. Do any of you have suggestions or opinions on which callbook would be a good purchase? How does the Radio Amateur Callbook (International edition) compare?

73 and many thanks,

Nat Davis
N4BTO

3763. Re: Vanity calls -- someone else eats my pie?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: Arlan Levitan <arlan@worldnet.att.net>
Message-ID: <01bbab05$38598e40$4bc445c7@Worldnet.worldnet.att.net>
Source record: 216126

Gene Shablygin <Gene@jetisi.com> wrote in article
<3249513A.3B3C@jetisi.com>...
> Hi everybody,
>
> If you are reading this, it means that you probably filed the
> 610-V this Monday, as I did ... and wondering, when (if) we will
> get our new calls with less dits and unpronounceable letters.
>
> I wonder, if anybody knows, how FCC processes our applications.
> I can imagine, what a huge pile of paper they got on Monday...

Just thought you might be interested in a conversation I just had with a rep on the FCC consumer info line. She said that all of the Gate 2 apps that were received 9/23 will be entered into the FCC callsign computer system before any calls are assigned. Once all the apps for that day are entered, the computer will randomly select apps, roll through the call choices and assign as appropriate.

She had no idea how many apps were received the first day...just that they are inputting Gate 2 apps into the system as of Wednesday 9/25, and that Mellon Bank is still delivering apps to them that are marked as being received 9/23.

Don't know if this is bull or gospel, but that's what she said.

3764. Re: 2m Wide Open in Florida

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: Mark Brown <kb0pyo@starpoint.net>
Message-ID: <32498725.79CA@starpoint.net>
Source record: 216127

Drew Durigan) wrote:
> >As we enjoy our first cold front of the season down here, 2m is wide openwith tropo ducting.
> Wow. 200 miles. That's DEEEE-X. Imagine what you could do with a real radio and a fourty meter dipole........

Actually try a pair of 17 elem beams & cw/ssb on 2m you might work about
as far as 40m during the day! Even works good on 222 & 432 & 1296 etc.
etc.

3765. Re: CB linear amps 4 Sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: Larry Shilkoff <shilkoff@ix.netcom.com>
Message-ID: <32496ACD.2520@ix.netcom.com>
Source record: 216128
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.cb,rec.radio.swap,rec.radio.amateur.misc,alt.2600

B. swanson wrote:
>
> if you don't get caught it is not a crime.
>

And people wonder why our social norms appear to be declining.

3766. Re: Datagram vs Connected (was: ARRL "Representation" on code and other issues)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep25.155739.20442@ke4zv.atl.ga.us>
Source record: 216129
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <324858A6.41C67EA6@qualcomm.com> Phil Karn <karn@qualcomm.com> writes:
>Gary Coffman wrote:
>
>> I hear what you're saying, Brian. But ARQ is a *backup* procedure,
>> and like any backup procedure, you hope you never need it, and do
>> everything you can to avoid needing it. Those "aggressive" VC link
>> retries just clog the channel. The better solution is to deal with
>> the underlying physical layer problem.
>
>Yes. ARQ is indeed a stopgap.
>
>ARQ is good at taking a low error rate and making it essentially zero.
>But it's terrible at high error rates. A much better approach is to
>add forward error correction at the physical layer that reduces the
>error rate to where ARQ can operate efficiently.
>
>Depending on the FEC code chosen, during normal operation there may
>be some residual errors. Or the decoder may produce either perfect
>data or nothing at all if the channel is blocked or broken.
>
>An example of the former is a Viterbi-decoded
>convolutional code by itself, and examples of the latter are
>sequentially decoded convolutional codes with long
>constraint lengths, and concatenated Reed-Solomon/Viterbi
>combinations. Depending on the channel characteristics you may or
>may still want an ARQ protocol at the link layer to
>mop up the residual errors, but this is decidedly optional; as long
>as the error rate is low enough for TCP to perform well, there's
>no need to make it zero.
>
>As an aside, a concatenated RS/Viterbi decoder is used in DSS
>(DirecTV/USSB). That's why the system usually works perfectly or
>not at all. If you slowly move your hand in front of the feed,
>the picture tends to remain perfect until it suddenly freezes. That's
>because the BER curve of the concatenated code is extremely steep.
>This is characteristic of all strong codes.

Yes, that's absolutely right, Phil. But the *first* line of attack
should be even more basic. The RF links should be engineered
with adequate fade margin. The topology of the network should avoid
hidden or exposed terminals. And the basic signal design should
be robust. If you do those things right, you shouldn't need

a particularly strong FEC (with its necessarily high overhead),
and you shouldn't need many ARQ repeats (with their even worse
congestive effect on the network).

Packet operators tend to overlook the basics because the protocols
bandaid the shortcomings of their links. We need to emphasize to
people the importance of getting back to the basics with their
network links. Packeteers shouldn't usually be using VHF/UHF RF
links that they would find unacceptable if they were using them to
link voice repeaters. Just because they can bandaid them with protocol
overhead doesn't mean that they should.

They should reserve those techniques for situations, like the radar
interference you face, or the power limited cases satellite operators
face, where they cannot realistically engineer around them in other more
basic ways. Packet is intended to allow a channel to be shared with many
users, but it is not intended to be a way to compensate for poor RF
engineering.

I recognize that there may be a tradeoff here between FEC and more
traditional RF path engineering. In some cases, FEC allows us to
"short space" links which would normally require enough power to
mutually interfere if we didn't use FEC. So FEC can be a useful
network topology enhancing tool. But we should opt to use it wisely,
understanding *why* we're using it in a particular case, and not as
just an excuse to avoid doing the proper system RF engineering in
the first place.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3767. Re: FCC Interactive on-line 610-V filing requires graphics!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: Jim Johnson <jjohnson@hpl.hp.com>
Message-ID: <324972C3.3848@hpl.hp.com>
Source record: 216130

Anthony R. Gold wrote:
>

> No, you didn't read it differently, you just invented you own new
> term of `official arrival date', which you use in place of the one
> the FCC has already defined as being the filing date.
>
> Regards,
> --
> Tony - G3SKR / AA2PM email: tgold@panix.com
> tgold@microvst.demon.co.uk
> packet: g3skr@n0ary.#nocal.ca.usa.na

Well, let's take it from the form so there won't be any invention of new terms. From FCC form 1070V, November, 1995, we have:

"Although feeable applications may be hand delivered to Pittsburgh 24 hours a day, 7 days per week, the formal filing date of an application will be either the date it was delivered, if that day was a regular FCC business day, or the next regular FCC business day, if the delivery day was a weekend or FCC holiday."

Like I said, it doesn't get much clearer than that. The filing date has nothing to do with the date on the application, rather it has only to do with the arrival date (as described above) at the FCC.

73,

Jim Johnson WA6SII
jjohnson@hpl.hp.com

3768. Re: Vanity calls -- someone else eats my pie?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: Gene Shablygin <Gene@jetisi.com>
Message-ID: <32497CB8.53B9@jetisi.com>
Source record: 216131

Arlan Levitan wrote:
>
> Just thought you might be interested in a conversation I just had with a
> rep on the FCC consumer info line. She said that all of the Gate 2 apps
> that were received 9/23 will be entered into the FCC callsign computer
> system before any calls are assigned. Once all the apps for that day are
> entered, the computer will randomly select apps, roll through the call
> choices and assign as appropriate.
>
> She had no idea how many apps were received the first day...just that they
> are inputting Gate 2 apps into the system as of Wednesday 9/25, and that
> Mellon Bank is still delivering apps to them that are marked as being
> received 9/23.
>
> Don't know if this is bull or gospel, but that's what she said.

Maybe, they do it this way for all of us... We are all should be equal;
but somebody (like W7AA, ex WB7PJM) may be just a little bit more equal
;)

In Russia we used to say "Don't have 100 Rubles, have 100 friends". If
this event
were in Russia, you could be sure, that first 1000 good calls to be
assigned to
FCC officials, their friens, famillies, friens of families, etc. Then,
what remains
(RH5IHS, etc) become available to "the public". Hopefully, it is NOT the
case
in the States.

Let's see... I still have a hope that there will be significantly less
dots
in my future call, hi-hi.

3769. Re: Vanity calls -- someone else eats my pie?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: Arlan Levitan <arlan@worldnet.att.net>
Message-ID: <01bbab14$1d5c3b60$a5c545c7@Worldnet.worldnet.att.net>
Source record: 216132

Gene Shablygin <Gene@jetisi.com> wrote in article
<32497CB8.53B9@jetisi.com>...
> Maybe, they do it this way for all of us... We are all should be equal;
> but somebody (like W7AA, ex WB7PJM) may be just a little bit more equal

Gene,

Just curious....how did WB7PJM find out he got W7AA? I can't find any web
callsign servers that contain that transaction. Did he call the FCC and
ask? I just spoke with the customer info center again and was told that
"anyone who claims that that they have all ready received a new call under
gate 2 is dreaming".

73 and Das Vedanaya
Arlan KG8OW (Hopefully, K8OW sometime within the next millenium)

"Use The Morse, Luke"

3770. Re: for Gary

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: little@pecan.enet.dec.com
Message-ID: <52c2gk$siq@usenet.pa.dec.com>
Source record: 216133
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <01bbaa82$81c0fec0$204d4486@ghost.iupui.edu>
"Sam Morse" <smorse@usa> wrote:

> Gary,
>
> you forgot that OOK Morse code is the only
> DIGITAL code that can be received by no other
> signal processor than a brain.

Amazing!!! You pick out those DX signals on 7.006 MHz with your
ear??

> Plus, it's the simplest
> communication (besides radio, you can use a flashlight,
> whistle, smoke, you name it!). That can be important
> in an emergency.

As *radio* amateurs, I wasn't aware we were supposed to train
for using smoke (and mirrors?)

> Most of us do NOT carry equipment capable of combined
> FH/PN spread spectrum communication using
> sophisticated error correction algorithms.

Although it isn't significantly more complex than the keyer
in your rig, and compared to the average new amateur HF
rig these days, it would be a small piece of it. You seem to
forget we use these things called transceivers that are generally
large complex devices.

> I'd like to see you decode FSK by ear...

I've heard of people being able to recognize their call signs over
RTTY. Certainly it is possible, but why bother? Emulating a piece
of hardware may be a goal *you're* proud of, but for me it sounds
like complete and utter make work. I use a modem to post these
followups because whistling at 28,800 bps doesn't seem like a good
use of my time.

> PS:
> If you want to be a sailor you must know how to swim.

Given the number of boating related drownings each year, that
statement is false on its face.

> You may say that you'll be the skipper,

Who if he does his job, no one will be swimming that doesn't want to be swimming.

> because you know a lot; besides you are on a ship and the
> water is for the fishes anyway...

Seems about right. Are you growing gills?

73,
Todd
N9MWB

PS Are you so insecure in your position that you can't even identify yourself? As Gary has pointed out before, identification is a major difference between amateur radio and CB. Perhaps you're just a CBer? More likely you are just trolling as these issues have been covered before.

3771. FCC License Processing Time...

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: prografx@teleport.com
Message-ID: <52c37v$fqr@nadine.teleport.com>
Source record: 216134

A friend of mine recently passed his first Amateur test, and is now awaiting FCC processing to get his ticket.

Can anyone tell me approximately what the waiting time is nowdays from VE submission to Call issuance to receipt of license in the mail?

Thanks

Steve
WB7PSD

3772. Re: STOLEN: Icom IC-2000H from Antelope Valley, CA

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: Louis Drzewiecki <ljd@ct.net>
Message-ID: <3249B03D.2431@ct.net>
Source record: 216135
Cross-posted to: rec.radio.amateur.misc,rec.radio.swap

Dana Myers wrote:
>
> Kepp your eye open - last night my IC-2000H, serial #1132 was
> stolen from Lancaster, CA.
>
> Let me know if you see it ;-)
>
> Dana KK6JQ
> Dana@Source.Net
>
> --
> * Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
> * (310) 348-6043 | not be interpreted or represented as *
> * Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *
this is a test joe

3773. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <52c4ij$3oc@anomaly.ideamation.com>
Source record: 216136
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <52bgl9$es6@jupiter.planet.net>,
Bill Sohl <billsohl@planet.net> wrote:

>If you are new o this news group, please note
>that this comment is voiced by a pro-code
>advocate. There is literally no support for
>any elimination of theory testing by those of
>us on the no-code side of the debate.

Red Herring Alert!

In case you hadn't noticed, the logic applied by the anti-code-test crowd can as easily be applied to theory examinations as well. The fact that someone hasn't done it yet is irrelevant (although I think there was someone a year ago who was calling for abolition of theory exams too.)

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

3774. Re: for Gary

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: Cecil Moore <Cecil_A_Moore@ccm.ch.intel.com>
Message-ID: <324991D6.5CCA@ccm.ch.intel.com>
Source record: 216137
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Sam Morse wrote:
> you forgot that OOK Morse code is the only
> DIGITAL code that can be received by no other
> signal processor than a brain.
> I'd like to see you decode FSK by ear...

And I'd like to see you decode CW by ear, without the help of a
receiver that is more complicated than an FSK decoder.

73, Cecil, W6RCA (not speaking for my employer)

3775. Re: FCC Interactive on-line 610-V filing requires graphics!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: tgold@microvst.demon.co.uk
Message-ID: <843683085snz@microvst.demon.co.uk>
Source record: 216138

In article <324972C3.3848@hpl.hp.com> jjohnson@hpl.hp.com "Jim Johnson" writes:

> Like I said, it doesn't get much clearer than that. The filing date
> has nothing to do with the date on the application, rather it has
> only to do with the arrival date (as described above) at the FCC.

Jim, please try hard to concentrate on this:

No one, not me or anyone else, wrote anything about any significance
being attached to the date written on the application form. What I
had written, and what you had earlier taken issue with, was this:

In article <843497395snz@microvst.demon.co.uk>
tgold@panix.com "Anthony R. Gold" writes:

> No they never said any such thing. The filing date of the
> application is the date of arrival it arrives on a non-holiday week
> day. Otherwise, the filing date is the next non-holiday week day
> following the date of arrival.
>
> Only premature filing, i.e. a filing with a filing date prior to the
> start of the applicable Gate, will result in rejection and return of
> the application, not premature arival.

Please don't argue against what no one has said, it's a waste of
time. If you can still find any fault whatever with what I really did
write, please try again to explain your problem.

And as this is now beaten way past its death, perhaps taking this to
email is appropriate?

Followup set.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

3776. Re: FCC License Processing Time...

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: bdbennet@ix.netcom.com
Message-ID: <52c7jk$1i3@dfw-ixnews4.ix.netcom.com>
Source record: 216139

Well getting the piece of paper could take 3 weeks, but why not just
check on the Internet Fcc servers and watch for the issuance of the
call sign. Once issued, the person is able to use it on the air.

In <52c37v$fqr@nadine.teleport.com> prografx@teleport.com (Steve
Kennedy) writes:
>
>A friend of mine recently passed his first Amateur test, and is now
>awaiting FCC processing to get his ticket.
>
>Can anyone tell me approximately what the waiting time is nowdays from
>VE submission to Call issuance to receipt of license in the mail?
>
>Thanks
>
>Steve
>WB7PSD
>

3777. radar? array? CW frequency sorting?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: current@plains.nodak.edu
Message-ID: <52c86j$emt@daily-planet.nodak.edu>
Source record: 216140

Hi, I am totally new to any of the radio wave stuff... and I have a lot of specific questions about it.

Is there a newsgroup that deals with radar?

I want to learn more about the functions and propertys of radar systems, about how array radar works (and possably any other array methods of measuring radio waves), and about any possable ways of sorting/measuring a range of radio wave frequencys continously.

Any good (easy to understand) books on these subjects anyone can e-mail me a list of?

Thanks for your time...

current@plains.nodak.edu

3778. Re: 2m Wide Open in Florida

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <52c90a$1sj6@usenetw1.news.prodigy.com>
Source record: 216141

pacrimgolf@kuentos.guam.net (Jim Kehler) wrote:
>
>VUBS79A@prodigy.com (Drew Durigan) wrote:
>
>>As we enjoy our first cold front of the season down here, 2m is wide
open
>>with tropo ducting.
>
>>Last night, I was working repeaters 150-200 miles away with my 5-watt
HT
>>and a homemade dipole (made out of a pair of TV "rabbit ears"), about
15
>>feet in the air.
>
>>As of 10:45AM EDT, the band is STILL up. This one may last for a
couple
>>of days!
>
>>-Drew in Sunny Central Florida-
>
>Wow. 200 miles. That's DEEEE-X. Imagine what you could do with a real
radio
>and a fourty meter dipole........

Oh, excuse me! I didn't realize we were comparing apples to oranges here.
And here I thought 200 miles was pretty good for 5 watts on 2 meters
into a HOMEMADE antenna which cost me a total of ZERO to build and
install.

Jerk.

-Drew in Sunny Central Florida-
KF4DDM

3779. Cheapest way to make up QSL cards?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1DyB6M9.IG3@netcom.com>
Source record: 216142

After talking to Kinko's, I'm quit shocked what they want to make 3X5 QSL cards. A mininum of 100 at 41 cents EACH! Price drops to 18 cents each for 1000 ... thats $181!

I bought some heavy duty paper, but dread cutting out these things.

Any Ideas?

3780. Re: Vanity calls -- someone else eats my pie?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: tgold@microvst.demon.co.uk
Message-ID: <843688575snz@microvst.demon.co.uk>
Source record: 216143

In article <32497CB8.53B9@jetisi.com> Gene@jetisi.com "Gene Shablygin" writes:

> Maybe, they do it this way for all of us... We are all should be equal;
> but somebody (like W7AA, ex WB7PJM) may be just a little bit more equal
> ;)

Perhaps you don't know English all that well, but let me tell you
that you are now implying that the callsign which you wanted was
awarded improperly because WB7PJM had an unfair advantage over you.
There is no evidence that this call was even awarded under Gate 2,
and indeed all of the evidence is directly against that.

I am sorry you previously had such unhappy experiences in Russia, but
please control your imagination and do not assume that everywhere is
equally as corrupt as your previous homeland used to be.

Good luck with whatever the Gate 2 lottery gets you.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

3781. amp 4 sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: smartone <cseeley@ix.netcom.com>
Message-ID: <3249B1A5.756B@ix.netcom.com>
Source record: 216144

Hey count me in i would love to see one of your catologes.

Elmoe

3782. Old Lafayette radio schematic

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: "James H. Canaday" <n6yr@idir.net>
Message-ID: <Pine.LNX.3.94.960925170543.13469D-100000@cypress.idir.net>
Source record: 216145

a brave new ham here, KB0WDX is seeking the schematic for an old Lafayette
HE-45a 6M AM rig.
if you have one and can copy it for him, please write directly E-mail
to me, or snail mail to him, he's good in the database. thanks in
advance!
jc
James H. "Jim" Canaday M.A. Lynda D. Canaday, coloratura soprano
Amateur Radio callsign: N6YR
Lawrence, KS
E-mail: N6YR@IDIR.NET *|* There is a telephone: (913) 841-1903
RACES Radio Officer, Douglas Co. KS-(Radio Amateur Civil Emergency Service)

-Home of-"M.C." party animal, and "Silk" the "little princess."
Guide Dogs for the Blind, class 512R
^our dog guides^

Yes, Bob Dole really did play basketball in Lawrence, at Kansas University,
before he joined the military.

3783. Boatanchors newsgroup

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: res@cmprime.cis.att.com
Message-ID: <52ccdd$95v@anchor.cis.att.com>
Source record: 216146

Reminder - there is a Call for Votes for a new newsgroup:
rec.radio.amateur.boatanchors

Please read the message CFV: rec.radio.amateur.boatanchors in
news.groups on your system.
It contains a copy of the proposal and instructions on how to vote.
The mesage may also be in this newsgroup, depending on how long
articles are retained on your server.

If you would like a copy e-mailed to you, let me know at
rstealey@attmail.com

Rick KT2Q

3784. cheap QSL cards

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: oo7@astro.as.utexas.edu
Message-ID: <52ccri$911@geraldo.cc.utexas.edu>
Source record: 216147

charles1@netcom13.netcom.com says:

>After talking to Kinko's, I'm quit shocked what they want to make 3X5
>QSL cards. A mininum of 100 at 41 cents EACH! Price drops to 18 cents
>each for 1000 ... thats $181!

>I bought some heavy duty paper, but dread cutting out these things.

>Any Ideas?

This can't be right unless you are having something fancy done on
scented paper. If you give them the template they will make cards
for about 3 cents apiece. I had nearly 5000 printed there for HC8N
and it was under $200.

They are not great cards, but they are cards, and I use them for
buro replies. The color photo cards go to those who send direct
requests (and even they are under 10 cents each).

Derek AA5BT, G3NMX
oo7@astro.as.utexas.edu

3785. Re: ARRL "Representation" on code and other issues ++

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: carl@ais.net
Message-ID: <52cdjc$6vu@news.ais.net>
Source record: 216148
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In <wkpw3bureq.fsf@urth2.worldnet.att.net>, rfm@worldnet.att.net (Rich McAllister) writes:
>
>Anybody know what frequencies the original AlohaNet used? I had
>a copy of the paper, but I don't seem to be able to find it.
>[Abramson, N. The Aloha system. AFIPS Conf. Proc., Vol. 37, 1970
>FJCC, AFIPS Press, Montvale, NJ, pp. 281-285.]
>AlohaNet certainly did real-time two-way communications, and I wonder
>if they used HF? I don't believe all the Hawaiian islands are
>line of sight from each other.
>--
>Rich McAllister, KO6CL, rfm@worldnet.att.net

Rich,

I believe that the original ALOHA system was done in the 450-470 MHz
band ... tall mountains and over water paths ....

Carl - wa6vse
carl@ais.net

3786. Re: Travel with toys (electronics)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: andy@buffnet.net
Message-ID: <3249c00a.6576596@news.buffnet.net>
Source record: 216149
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

I never have had my radio toys checked, but once a CATV converter
was checked. I couldn't show it worked standing there, especially
without AC. Also, one terminal only in the Buffalo airport always had
to open and look at every roll of film I had. One idiot even wanted
me to open the camera with film in it.

Andy

On 24 Sep 1996 00:19:46 GMT, RF BURNS <doogie@pop.fast.net> wrote:

>OK here my great but not exciting story
>I had a camera bag padded
>took the divisons out put mobile scanner on bottom of bag
>put division padding on top of the scanner creating false bottom
>(this was a small bag 8inX12in) it was a bearcat 760xlt
>they looked at my Icom 2sra and camera passed it on I was dumbfounded
>and walked past.
>
>Key thing dont lettem send it through the Xray tell them its a camera
>
>this was a Newark NJ
>
>Doug
>
>

3787. IPS Daily Report - 25 September 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <52cem4$ao6@flare.syd.ips.oz.au>
Source record: 216150
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 25/2330Z SEPTEMBER 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE AUSTRALIAN SPACE FORECAST CENTRE
SUMMARY FOR 25 SEPTEMBER AND FORECAST FOR 26 SEPTEMBER - 28 SEPTEMBER

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 71/6

GOES satellite data for 24 Sep
Daily Proton Fluence >1 MeV: 1.3E+06
Daily Proton Fluence >10 MeV: 1.9E+04
Daily Electron Fluence >2 MeV: 9.3E+08 (high)
X-ray background: A1.9
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
26 Sep 27 Sep 28 Sep
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 26 Sep: 71/6

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Unsettled to active

Estimated Indices : A K Observed A Index 24 Sep
Learmonth 13 3233 4322
Fredericksburg 15 9
Planetary 20 7

Observed Kp for 24 Sep: 3223 2222

2B. MAGNETIC FORECAST
Date Ap Conditions
26 Sep 20 Unsettled to active, with the chance of minor
storm periods.
27 Sep 15 Unsettled
28 Sep 10 Unsettled
COMMENT: IPS Geomagnetic Warning 10 was issued on 19 September
and is current for interval 23-26 September.

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band
Date Low Middle High
25 Sep Normal-fair Normal Normal-fair
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
26 Sep Fair Normal Normal-fair
27 Sep Fair Normal Normal-fair
28 Sep Fair Normal Normal-fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
25 Sep 3

Observed Australian Regional MUFs:
Darwin: Depressed up to 30% for the period 02-07UT,
otherwise near predicted monthly values.
Townsville: Depressed up to 20% for the period 02-06UT,
otherwise near predicted monthly values.
Sydney and Hobart: Near predicted monthly values.
Some spread F was observed during local night at Darwin.

Predicted Monthly T index for September: 9

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
26 Sep -5 Depressed up to 20% during local day for extreme
northern and southern Australian regions, otherwise
near predicted monthly values.
27 Sep 0 Depressed up to 20% during local day for extreme
northern and southern Australian regions, otherwise
near predicted monthly values.
28 Sep 0 Depressed up to 20% during local day for extreme
northern and southern Australian regions, otherwise
near predicted monthly values.

--
IPS Radio and Space Services | email: asfc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/asfc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
tel: +61 2 94148300 | fax: +61 2 94148331

3788. Need help understanding tower lighting

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: sidener@halley.cc.umr.edu
Message-ID: <52cg4r$8ao@hptemp1.cc.umr.edu>
Source record: 216151

Hi, I am about to put up a 100 foot freestanding tower on my property.

There currently is a commercial tower the same hight only 1 mile from where I live and it has red flashing lights half way up and on top.

First, I was wondering what the different light configurations on towers mean? Sometimes you see red lights (solid or blinking) or white lights (solid or blinking) sometimes all of the lights on a tower are the same color and sometimes they alternate. Sometimes the towers are painted red and white and other times they are not.

Can anyone give me the rhyme or reason for this?

Secondly, Do I have to put lights on my tower?

Any help would be appreciated.

Thanks,

Scott Sidener

3789. Re: Vanity calls -- someone else eats my pie?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: Gene Shablygin <Gene@jetisi.com>
Message-ID: <3249B8F7.2068@jetisi.com>
Source record: 216152

He probably didn't. But anybody with internet access can retrieve the
files from FCC ftp site

ftp://ftp.fcc.gov/pub/XFS_AlphaTest/amateur/

and analyze them. FCC (and I must admit, those guys do a really GREAT
job)
posts the files containing all the issued licenses daily. I just picked
the file tue.zip -- it was there...

Arlan Levitan wrote:

> Gene,
>
> Just curious....how did WB7PJM find out he got W7AA? I can't find any web
> callsign servers that contain that transaction. Did he call the FCC and
> ask? I just spoke with the customer info center again and was told that
> "anyone who claims that that they have all ready received a new call under
> gate 2 is dreaming".
>
> 73 and Das Vedanaya
> Arlan KG8OW (Hopefully, K8OW sometime within the next millenium)
>
> "Use The Morse, Luke"

3790. Re: Digital/Analog HF Receiver Design

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: carl@ais.net
Message-ID: <52cgop$6vu@news.ais.net>
Source record: 216153

In <32496374.4E0A@erols.com>, howard <howard@erols.com> writes:
>Hey, Jim, don't let these guys get you down. They're in a purgatory of
>frustration at the moment, having good theory but lacking the elemental
>building block of an adequate (24 bit, 90 MHz) A/D converter for HF.
>Although you can subsample with lesser converters, that only begs the
>question since the desired signal must be known to be bandlimited
>adequately or you get tons of garbage.

The aforementioned A/D converter is NOT necessary to build an effective
DSP-based radio system from HF ...

You're postulating a system that could (conceivably) sample directly at
the antenna ... not necessarily the best way to do things ... for a
number of reasons ...

and you don't have to subsample ...

>MHz... The logical question is "When will the desired A/D converter be
>available?" I am still waiting for that answer!
>

The logical question is "Why wait?" (Implement the system in a more
sensible fashion with available technology.

>The EM interference at 900 MHz is not to be compared with that
>at HF.

There's still a big "near-far" problem to contend with ... lots of
dynamic range needed for good performance ...

>There is one thing which could make the whole discussion moot, at least
>to the point of a new receiver design which would at least equal the
>performance of current designs. That would be if a filter were
>available which could be tuned and which would provide the desired
>ultimate selectivity across the HF range at the antenna. In other
>words, a 2.7 KHz "ideal" filter which could be tuned from .5 to 30 MHz
>for SSB voice, for example.

Such a filter exists ... it's called the Weaver architecture ... but its
implementation takes you directly to baseband, so you might as well just
do a few more desirable things and finish the demod process, rather than
converting back to RF ...

(We're getting into areas that are covered by my patents, so I've
had this conversation a few times before ...)

>And that would mean that optimum
>receiver architecture would be completely redefined.

Been there ... done that ... got the patents ... does multiple modes, eliminates mobile multipath impariments when used at VHF/UHF, provides frequency tracking and other benefits at HF ... (want to license it?)

>The common
>problems of today would be in many cases nonexistant. There would no
>longer be a need for superheterodyning, since the initial problem it
>solved was to get the desired signal to a low enough frequency (while
>retaining performance) so that the desired selective filter could be
>made.

There is no longer a need for the superhet ... the ideal "IF" frequency is baseband ...

73,
Carl - wa6vse
carl@ais.net

3791. FS:DC Plugs:Kenw,Icom,Alinco,Yaesu

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: n2cjj@undefined
Message-ID: <1996Sep25.205000.1698720@undefined>
Source record: 216154
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.swap

I have found a source for those DC power cord plugs. The ones I've got
have 6 pins, male plastic with metal female (barbed) inserts.

The plug fits most 12VDC HF radios:
Icom 720, 735, 706..and alike, newer Yaesu and Alinco DX70.
Kenwood-TS120, 130, 140..430, 440, 450..850,..TS50,60, 660, 670...and alike.

Make your own power cord yourself, YOUR WAY!
Crimp or solder, long or short, heavy gauge wire, purple with polka-dots...

I'm offering the 6 position plug with 6 inserts for $4 each,
or the deal 3 for $10. All prices include postage in the US.

To order, kindly send a check to:

R. Langston
286 Hudson Street
Cornwall-on-Hudson, N.Y. 12520

You can also email me for info at: n2cjj@ibm.net

It's a great deal if you use one rig at home, in the car and at work and
are stuck dragging one power cord all over....

I still can't believe AES, HRO and others get $30 for a power cord. HiHi!
n2cjj@ibm.net

3792. Re: 24-hour Windows clock?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: kd1nr@anomaly.ideamation.com
Message-ID: <52cgm2$4qn@anomaly.ideamation.com>
Source record: 216155

In article <52bfgf$7lv@excelsior.flash.net>, Alan <alandp@flash.net> wrote:
>of course, I'm not desperate to actually pay for anything.

On my other drive I've got a program called WorldClock.. it's shareware.

Tony

--
== Tony Pelliccio, KD1NR
== As offensive as I wanna be.
== kd1nr@anomaly.ideamation.com

3793. Re: Morse Code again (was Re: re: do we build? was(re: arrl survey ignores 7 of 8 wrc-99 issues!)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: jjm@mdc.net
Message-ID: <529qh9$qtl@namesrv.mdc.net>
Source record: 216185
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew

carl@ais.net wrote:

>In <521e7i$1u8@Usenet.Logical.NET>, orion@capital.net writes:
>>
>>Well said, Carl. I agree 100%. The trouble is though, things will
>>never change as long as the CW loving ARRL is running the show.BTW, I
>>resigned from that lofty organization last year just because of their
>>assinine stand on code requirements. And for the "Try CW, You'll
>>learn to love it!" group, I say "Nuts to you." I worked on that damn
>>Morse Code until it made me sick. It's still just noise to me. Now I'm
>>forever locked out of the HF spectrum because of this discriminatory
>>rule.
>>Butch N2YMJ
>>

>Butch,

>Don't give up ... be more vocal ... we WILL get things changed ... and I
>think it will be sooner rather than later ...

>73,
>Carl - wa6vse
>carl@ais.net

Well folks the results are in! After observing the stats of the
downloaded FCC database with which Microsoft Access, Foxpro,
etc...were used we now know that 78%.....I say again 78% of the U.S.
Amateur Radio operator population is of the coded variety. Only 22%
of the hams are no code technicians. That is 1/5th. I think the
numbers of no-coders will have to grow for there to a significant
impact here.

Now, realistically not everyone of that 78% is active...but I bet
neither is the entire 22% of the uncoded population.

What say ye naysayers about that?

==========
cheers! Jim Martin, wk1v
Lowell, Mass, U.S.A.
http://www.shore.net/~jjmartin/jjm.htm

3794. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: carl@ais.net
Message-ID: <529tq0$l9s@news.ais.net>
Source record: 216186

In <5279dd$cs0@usenet.pa.dec.com>, flaherty@pago-pago.pa.dec.com (Paul Flaherty) writes:
>(Carl said:)
>> SSB is actually *more efficient* than CW ... in terms of information
>> conveyed per Hz consumed. The fact that its bandwidth is wider than
>> even fast CW is irrelevant to the issue of efficiency. To argue to the
>> contrary only shows a lack of understanding of the issues involved.
>
>This is right on one account and wrong on two. For starters, the relevant
>metric is spectrum*space per conversation, not per bit rate. CW conversations
>are simply slower and more compressed. But they take up less than 1/24th of
>the occupied bandwidth of SSB. In addition, CW QSOs generally run at
>appropriately lower power levels, so the overall occupancy is much lower.
>

I disagree that "the relevant metric is spectrum*space per conversation"
as you put it ... that panders to the "narrower is better" concept,
which is not really an absolute by any stretch of the imagination ...

and I didn't say "bit rate" ... I said "bits/sec/Hz", which is a
measure of spectral efficiency of information transport ....

Just because CW transmissions are narrower, doesn't mean that they are
more efficient ...

>I'd suggest that you read my paper in the 7th ARRL CNC.
>

I'd love to ... can you e-mail me a copy as a MIME attachment?
Plain text or .PDF ... either would work fine ... or any of a number of
wordprocessor formats ... >--

73,
Carl - wa6vse
carl@ais.net

3795. Re: Morse Code again (was

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: len.anderson@mogur.com
Message-ID: <9609241713471707@mogur.com>
Source record: 216187

CA>From: carl@ais.net
CA>Subject: Re: Morse Code again (was Re: re: do we build? was(re: arrl survey
CA>nores 7 o

CA>In <5207ic$cbd@newsbf02.news.aol.com>, w8jitom@aol.com (W8JI Tom) writes:
CA>>
CA>>Why is necessary to cross post this endless debate to groups like
CA>>homebrew>?

CA>Sorry Tom ... I didn't ... Or at least not intentionally ... I merely
CA>replied to Ed's post ... if .homebrew was in the headers, I didn't
CA>notice it ... I certainly didn't add it ...

Cross-posting between rec.radio.amateur newsgroups and between
rec.radio.amateur.misc and rec.radio.shortwave or alt.radio.scanner has
been going on for over three months on different threads. Cannot
see the origin or routine since my BBS access software does not show
that.

---
* OLX 2.1 * The light at the end of the tunnel is a train...

3796. Re: Digital/Analog HF Rec

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: len.anderson@mogur.com
Message-ID: <9609241713481708@mogur.com>
Source record: 216188

JR>From: "Jim Reid" <jreid@aloha.net>
JR>Subject: Re: Digital/Analog HF Receiver Design

JR>Gary Coffman <gary@ke4zv.atl.ga.us> wrote in article
JR><1996Sep21.092008.2466@ke4zv.atl.ga.us>...
JR>> In article <01bba732$83fb2ba0$89070ccf@jim-reid-1> "Jim Reid"
JR><jreid@aloha.net> writes:
JR>> >carl@ais.net, in article <51helc$pjm@news.ais.net>...

JR>Of course I meant to type $10,000 to $15,000 for these prices!
JR>And, yes, they are shocking.

JR>But Mahalo to you Gary for your excellent explanation of the coming
JR>digital techniques; I truly hope they are not to far out into the
JR>future. Any chance before the next propogation peaks just
JR>past the century turn? Only 5 or 6 more years. Clearly I do
JR>not have the background to participate any further in this level
JR>of technical discussion; my degrees, were in, of all things,
JR>vacuum tube technology learned at Stanford in the mid 1950's!

I've started in the vacuum tube era and had to make the transition to
semiconductors by myself at own time and expense after 1960. The entire
world of electronics keeps changing whether we want it or not.

Right now, speaking about receivers, I would invite you to look at the
increasing market in SW receivers. The Grundig Yacht Boy YB500 is a
HF communications receiver that fits IN a shirt pocket. Opening it up,
the insides are nothing like the classical vacuum tube architecture
style that was copied for "communications receivers" into the 1990s.
In the scanner radio market I can buy (from two different manufacturers,
wallet willing) communications receivers that tune continuously from 10
KHz to 2 GHz less only the blocked cellular phone channels! The
now-conventional cellular telephone is nothing like the classical
VHF-UHF FM HT and the European digital cell phones (different system)
are more different. Wireless LAN links have NO ties to classical
receiver structure, yet must operate in heavy RF noise environments,
unattended. The frequency-hopping spread spectrum radio is perhaps the
strangest of all, capable of operating in any spectrum from HF into
microwaves, allowing more users with less mutual interference than in
any of today's amateur band environments.

The entire field of communications has changed, is changing, and will
continue to change. Keeping up with the changes requires constant
personal effort.

JR>You know, TWT's, Beam Parametric Amplifiers (the Adler tube from

Travelling Wave Tubes are among the last of the vacuum tubes to continue existance. High power transmitting tubes are still there. The TV and computer CRTs already have color LCD flat screens in competition. A "palm top" portable TV color receiver can be purchased in any consumer electronics store for less than $200...it has the bulk of an old Standard Coil turret tuner without the shaft.

The digital technology AND analog technology advances have given everyone a chance to have more features, better features in anything electronic. In another newsgroup I've seen a statement that amateur radio communications should be limited to what "it was born with." That's a terribly conservative attitude. I am glad that you are still flexible of mind to be interested in what we all have available.

By the way, ever notice that the full acronym for Travelling Wave Amplifier Tube hasn't been used? :)

---
* OLX 2.1 * A fool and his money are soon partying!

3797. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: carl@ais.net
Message-ID: <529ui5$l9s@news.ais.net>
Source record: 216189
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <529do2$s99@usenet.pa.dec.com>, flaherty@pago-pago.pa.dec.com (Paul Flaherty) writes:
>It's quite a stretch to assume that hams without a CW background would
>automatically invest in CLOVER hardware, instead of just using SSB.
>
But someone with a CW background would for some reason "be smarter" and
do so???

And the "it's expensive argument is a bit of a red herring, too ...
anything is expensive in small quantities ... but as the volumes go up,
the price goes down, and competition always arises, which provides
further downward price pressure ...

>> So then we'll finally HAVE to start to use something more efficient,
>> won't we?
>
>In making this argument, you've justified the fraternalists belief in coercion.
>The empirical counter argument can be found in urban RF environments; the FM
>bands are completely locked up in repeaters, and so, rather than developing
>some spectrally efficient hardware, FM folks are bleeding into the weak signal
>segments.
>

The commercial land mobile people will no longer be able to use the
current "narrowband" FM in a short time ... new radios are being
mandated to meet tougher spectral efficiency standards in order to be
type-accepted ... we're falling behind all over ...

>So, Carl, we've had five years of codefree licensing in the VHF bands. Where
>is the new hardware? Where are those technical people who in theory are being
>kept from doing neat stuff? Unless you can demonstrate success in this area,
>you can't claim that anything will be different on HF.
>

>> >Humor me. I've been at this a long, long time.
>> So have I ...
>
>Actually, no, you havn't been, but that's also irrelevant.
>
So since 1975 is not "a long time???" What do *you* consider a "long
time?"

>> From what you said, it appears that it's grounded in "if we let more
>> people in, the bands will be too crowded (and you don't want to "share
>> the wealth") ...
>

>It's not a question of sharing the wealth. It's a question of functionality.
>It's the reason why you don't pack tons of people into elevators, or put a
>waterbed in an old house -- the system breaks and is useful by no one. The
>utility of amateur radio as a backup national emergency communcations system
>is far, far more important (from a legislative standpoint) than doing the
>newest, neatest thing. That's not to say that technology development isn't
>important, but it is secondary as far as Congress is concerned.
>

Getting new people in in quantities is not "packing tons of people into
elevators" ... there is no "system" ... and nothing's going to break ...
except the hearts of the adamant pro-coders who'll finally have to face
the fact that CW is backward technology in today's world ...

The utility of amateur radio as a backup national emergency
communications system is, sadly, *already* a joke ... we need to fix
that ... clinging to 1930s technology is NOT the way to fix that ...

Carl - wa6vse
carl@ais.net

3798. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: carl@ais.net
Message-ID: <529ur2$l9s@news.ais.net>
Source record: 216190
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <529a6b$39k@news.Hawaii.Edu>, jherman@Hawaii.Edu (Jeffrey Herman) writes:
>
>If it's a physical disability, then they can get a doctor (not a phd)
>to sign a medical waiver.
>

People should not have to have a doctor's certificate to get a ham
license without a code test.

>I wanted to be a commercial airline pilot but couldn't pass the FAA eye
>requirements. I accepted that and chose another career. There are no
>guarantees in life that one can be a pilot or amateur radio operator.
>Someone with a learning disability might never be able to pass the
>written - should we eliminate that, too?
>

The argument above is stupid ... there is NO comparison between the
legitimate need for commercial airline pilots to pass a vision test and
the *arbitrary* and *unnecesary* "requirement" for passing a "wetware
modem" test.

Carl - wa6vse
carl@ais.net

3799. Will you have what it takes ??

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: kk5dr@io.com
Message-ID: <529v6q$fa0@nntp-1.io.com>
Source record: 216191

The dumping down of Amatuer Radio; Lower the standards for entry into the hobby.
Then what we will have is a bunch of ill-prepared operators, when the situation really gets bad.
Will you be able to operate CW, when your "new" rig died in the EMP of a terrorist nucular strike ?
Will you be able to build "from scratch", a dipole for any band, after you gear & anttenas were blown away by
a hurricane ?
Will you be able to handle all the folks that need help & want info transmitted to a distant location ?
Will you have what it takes to operate for 24 or 48 hrs, on battery power, with no help ?
Will these "new guys" be able to handle, what hams have done for over 50 yrs., in time of dire need ?

3800. Re: longwire ant

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: Peter Gottlieb <peter_gottlieb@msn.com>
Message-ID: <01bbaa75$ad946620$4e0f2399@peter-s>
Source record: 216192

You will need a tuner to match the antenna to your transmitter. Perhaps
if you could make it a dipole instead, fed by ladder line, to a tuner, you
might be better off? Still pretty inexpensive.

Steven Olson <drsdo@ix.netcom.com> wrote in article
<MPG.cb21045d3142821989680@nntp.ix.netcom.com>...
> Am moving to a new location and am thinking of trying a long wire ant for

> hf. Anyone have any specs and tips for one? Thanks, Steve, WO9L
> drsdo@ix.netcom.com
>

3801. Re: Travel with toys (electronics)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: Peter Gottlieb <peter_gottlieb@msn.com>
Message-ID: <01bbaa76$6aa54720$4e0f2399@peter-s>
Source record: 216193
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

A few times I traveled on business (construction) and my associates and I carried portables. Security just looked at them (remember that they had to manually carry them around the metal detector gate) and didn't even ask, ever, not even once, for us to demonstrate their functionality.

I would have certainly felt better if they at least told us to make sure to not
use them on the plane!

RF BURNS <doogie@pop.fast.net> wrote in article
<5279f2$qmf@nn1.fast.net>...
> OK here my great but not exciting story
> I had a camera bag padded
> took the divisons out put mobile scanner on bottom of bag
> put division padding on top of the scanner creating false bottom
> (this was a small bag 8inX12in) it was a bearcat 760xlt
> they looked at my Icom 2sra and camera passed it on I was dumbfounded
> and walked past.
>
> Key thing dont lettem send it through the Xray tell them its a camera
>
> this was a Newark NJ
>
> Doug
>
>
>

3802. Re: Morse Code again (was Re: re: do we build? was(re: arrl survey ignores 7 of 8 wrc-99 issues!)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: carl@ais.net
Message-ID: <52a24j$nqu@news.ais.net>
Source record: 216194

In <529qh9$qtl@namesrv.mdc.net>, jjm@mdc.net (Jim Martin, WK1V) writes:
>
>Well folks the results are in! After observing the stats of the
>downloaded FCC database with which Microsoft Access, Foxpro,
>etc...were used we now know that 78%.....I say again 78% of the U.S.
>Amateur Radio operator population is of the coded variety.

There are a hell of a lot of us with-code licensed hams who think the
code test has long since outseen any semblance of usefulness and lapsed
into being nothing but a hindrance ...

>Only 22%
>of the hams are no code technicians. That is 1/5th. I think the
>numbers of no-coders will have to grow for there to a significant
>impact here.
>

See the above ...

>Now, realistically not everyone of that 78% is active...but I bet
>neither is the entire 22% of the uncoded population.
>

Yup, quite a few of that 78% are, in fact, quite dead ... another
good-sized batch are inactive for less serious reasons ...

but I'll bet that a very large percentage of the 1/5 who are no-code
techs are still quite active ... and would like very much to get on
"your" HF bands ... we clearly should let them ...

>What say ye naysayers about that?
>

That's what "we naysayers" say ...

73,
Carl - wa6vse
carl@ais.net

3803. Re: new call info - where?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: willard@goodnet.com
Message-ID: <52a7b6$1feq@news.goodnet.com>
Source record: 216195

In article <527ci0$31@mtinsc01-mgt.ops.worldnet.att.net>,
pryack@worldnet.att.net says...
>
>What is the URL which shows the FCC's daily announcements of newly
>granted amateur licenses? TNX & 73, Paul, W1ETH
>Paul R. Ryack, W1ETH/6
>pryack@west.net
>W1ETH@K6TZ.#SOCA.CA.USA.NOAM
>
http://www.lantz.com/htbin/cbs_today

3804. Re: the final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <52a8lu$det@dfw-ixnews6.ix.netcom.com>
Source record: 216196

In <529ac7$lva@jupiter.planet.net> adell@planet.net (Steve - KF2TI)
Landing, NJ writes:
>
>> kc5egg@ix.netcom.com(Gerald Schmitt) writes:
>
>> Steve,
>>
>> Thanks so much for not disappointing me. Your juvenile outburst was
>> more than I than I could have expected. It is really too bad
callsign
>> servers are not available under the bridge. If they were perhaps
you
>> wouldn't look quite so stupid. Your assignment when you get your
foot
>> out of your mouth is to isto figure out why you look so dumb.
>
>let's see...juvenile...stupid..dumb?? these don't look like
compliments to me.
>Actually very regressive tendencies are being shown here.
>
>why is I'm so dumb?? I am not the one using his old call sign. Are
>you ashamed that your are an advanced class license holder??
>Must be, either that or you lost the instructions on how to
>change your header from kc5egg@ix.netcom.com(Gerald Schmitt)
>to kk5yy@ix.netcom.com(Gerald Schmitt). Wow an advanced class
license.
>
>>
>> I guess Gary Coffman is right CW does do brain damage. Stop the
madness
>> end fast CW testing.
>
>If anything, it keeps Carl and his techno wizs where they belong
>
>>
>> Jerry
>
>
>Just remember.. insults are the last resort of a lost argument

Thanks for that information and the graphic examples. Why should I
bother changing my account name it works. Changing my header to
something other than my account name doesn't make sense to me but I
understand you sometimes do this; perhaps you could explain why.

Face it Steve you made a rash assumption from my account name at Netcom and proceeded to insult me based on that assumtion. You made yourself look stupid and you don't like it, well TS nobody but you put your foot in your mouth. Perhaps I did provide an opportunity but you chose to insult without investigation not I.

Now wipe the egg off your face and get on with your life.

Gotya Jerry

3805. Looking for CTSS Tone Specs

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: kcrady@polaris.cv.nrao.edu
Message-ID: <KCRADY.96Sep24222832@polaris.cv.nrao.edu>
Source record: 216197

Greetings,

I am hoping someone out there can point me in the direction of finding specifications on the CTSS tones many repeaters are using today.

I already have the frequency lists and Motorola two-letter designations; what I really want is the specs. on frequency tolerances, whether the signal must be sine wave, etc. and the upper and lower amplitude limits, if any.

In other words, I want to design a CTSS add-on to an old 2M rig. The local tone is 88.5 Hz. What guidelines should keep in mind?

TNX - 73
Kirk - N4IQH

3806. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <52a9s6$lg1@cc.iu.net>
Source record: 216198

In <521qtb$jm0@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net (Jim Kehler) writes:
>gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>>(such a problem that CB base antennas all come with warning stickers
>>now), more than they have exhibited.
>As do some ham antennas. Sticker included with a Cushcraft 6 meter beam:
>DANGER
>WATCH FOR WIRES
>You can be KILLED if this antenna comes near power lines. READ INSTRUCTIONS.
>I haven't purchased an HF antennas lately, so I am not sure if they have warning
>stickers or not Gary, maybe only ham antennas for 50 mhz and above have them ?
>73, Jim KH2D

everyone uses a similar sticker these days. was interesting in one R7 installation
where there was a sticker on each of the short, thin, elements mounted near the
matching network to serve as a warning plus warn of a tripping hazard.

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

3807. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <52aa9p$lg1@cc.iu.net>
Source record: 216199
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <1996Sep24.183745.16919@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>And for the superduper class, we could ask why *that* isn't good
>enough either, and have them explain how to really find out what
>the safety perimeter's boundaries are.
>
>They shouldn't be allowed to operate until they can answer that
>last question.

i would consider giving them the option of explaining the circuit that performs as a variable-phase short as an "out" if they're not up to the e-m field work....8)

and such an explaination of how to compute the antenna field numbers at least for an ideal case will have to be part of the next generation novice manuals...i'd better dust off my physics books...8)

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

3808. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <52aaen$lg1@cc.iu.net>
Source record: 216200
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc
Body handling: HTML body converted to readable text

In <529a6b$39k@news.Hawaii.Edu>, jherman@Hawaii.Edu (Jeffrey Herman) writes:
>Brendon Holt wrote:
>
>>Hmm..... Many fine people have been excluded from an amateur license (below
>>30 Mhz) merely because they don't know CW, since tests with this criteria
>>_are_ in place.
>
>If it's a physical disability, then they can get a doctor (not a phd)
>to sign a medical waiver.

no waiver for 5 wpm...the VE's have to be very flexible but there's still no waiver.

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

3809. Re: the final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <52acdv$odk@jupiter.planet.net>
Source record: 216201

> kc5egg@ix.netcom.com(Gerald Schmitt) writes:

> Thanks for that information and the graphic examples. Why should I
> bother changing my account name it works. Changing my header to
> something other than my account name doesn't make sense to me but I
> understand you sometimes do this; perhaps you could explain why.
>
> Face it Steve you made a rash assumption from my account name at Netcom
> and proceeded to insult me based on that assumtion. You made yourself
> look stupid and you don't like it, well TS nobody but you put your foot
> in your mouth. Perhaps I did provide an opportunity but you chose to
> insult without investigation not I.
>
> Now wipe the egg off your face and get on with your life.
>
> Gotya Jerry

eggs are high in cholesteral and I don't eat them. You, one of the
professed code haters bite the bullet, took the 13wpm code and upgraded
to advanced. For that, a tip of the hat. That shows initiative, something Carl
(20wpm in his head and a techplus for 21+ years) lacks.

That in my book is a-ok. Just curious?? what made you decide?? was it lack
of anything on the 10meter bands?? a new radio??? the dx bug bite???

BTW, don't take everything you read so personal. And the word is
ASSUM *P* TION. If you are going to chastise someone for spelling
make sure YOU don't make mistakes...it dilutes the insult.

Steve
(15 wpm in my head) Advanced class 3+ years

3810. Re: for Gary

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: Sam Morse <smorse@usa>
Message-ID: <01bbaa82$81c0fec0$204d4486@ghost.iupui.edu>
Source record: 216202
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Gary,

you forgot that OOK Morse code is the only
DIGITAL code that can be received by no other
signal processor than a brain. Plus, it's the simplest
communication (besides radio, you can use a flashlight,
whistle, smoke, you name it!). That can be important
in an emergency.
Most of us do NOT carry equipment capable of combined
FH/PN spread spectrum communication using
sophisticated error correction algorithms.

I'd like to see you decode FSK by ear...

> But, you say, you need an encoder and decoder to do FSK.
> Yes, you do, but you also need one to do manual OOK Morse.
> The difference is, almost anyone can learn to understand
> precisely how the FSK encoder and decoder work, but no one
> really understands how the OOK Morse encoder and decoder
> work. It's a black box, an unknown quantity, of extremely
> variable performance and dubious reliability. The specifications
> for the device are not consistent, there's no way to reliably
> calculate MTBF, no way to reliably determine system Eb/No
> or consistent throughput or error rates under specified
> conditions. Etc. It is a troublesome and inefficient part,
> which takes a long time to produce ready for shipment to
> the customer. It would be best if it were designed out of
> the system.
>
> Gary

PS:
If you want to be a sailor you must know how to swim.
You may say that you'll be the skipper,
because you know a lot; besides you are on a ship and the
water is for the fishes anyway...

Sam Morse

3811. Re: FCC Interactive on-line 610-V filing requires graphics!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: tgold@microvst.demon.co.uk
Message-ID: <843634318snz@microvst.demon.co.uk>
Source record: 216203

In article <32486E53.7506@hpl.hp.com> jjohnson@hpl.hp.com "Jim Johnson" writes:

> Anthony R. Gold wrote:
> >
> > Only premature filing, i.e. a filing with a filing date prior to the
> > start of the applicable Gate, will result in rejection and return of
> > the application, not premature arrival.

> I read the application differently. I interpretted the instructions as
> follows:

> 3) The critical date is the arrival date, not the date on the application
> (which is the date you signed it). Again, the instructions are clear
> as to the fact that the arrival date can be on or after Sept. 23, but
> not a BUSINESS day before then. If the application arrives on Sept. 21
> or 22nd (Sat or Sun) then the "official" arrival date is Sept. 23 as
> that is the first business day after the weekend arrival. I FedEx'd
> mine on Sept. 20 for arrival on Saturday, Sept. 21. I also interpretted
> the rules to be that if the application arrives on Sept. 20 or before,
> that it could (but not necessarily would) be returned to you.

No, you didn't read it differently, you just invented you own new
term of `official arrival date', which you use in place of the one
the FCC has already defined as being the filing date.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

3812. Re: Repeaters In So. Cal

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: charles.olson@magdom.com
Message-ID: <960925061530126 44@magdom.com>
Source record: 216204

-> Hi, I just got my Tech + licence and a Kenwood TH-28A.
->
-> I have found lots of repeaters but no input frequencies. Does
-> anyone have a list of repeaters in the California area (so. cal).

Probably the best thing to do is give a list of cities that are near
by, since there are about a gazillion repeaters in the 'southern'
california area.
Give us a city or two and you'll get them..
Charles Olson
KBOVXD

3813. Re: the final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-25 00:00:00 UTC
From: cgreenha@magnus.acs.ohio-state.edu
Message-ID: <cgreenha.700.32491D3E@magnus.acs.ohio-state.edu>
Source record: 216205

In article <52acdv$odk@jupiter.planet.net> adell@planet.net (Steve - KF2TI) Landing, NJ writes:

>BTW, don't take everything you read so personal. And the word is
>ASSUM *P* TION. If you are going to chastise someone for spelling
>make sure YOU don't make mistakes...it dilutes the insult.

>Steve
>(15 wpm in my head) Advanced class 3+ years

Hi Steve.

Just some words to the wise about Gerry...

He is a childish bigot, who thrives on trolling and insults.

He never has any good input for the group, and if he does, its after the fact, when someone calls him on it.

The most interesting and funny things about Gerry, are the facts that he wishes to reserve the right to speak what HE wants...but doesnt want anybody else to have that right. Further, Gerry will call names, make insults, lie, and back stab you...then the next day call someone ELSE an embarresment and disgrace to ham radio.

Gerry has contacted my employeer, in an effort to get me fired because of what I post here.

He has lied about postings I made to fit his own agenda of discrediting me, by claiming that I post to a homosexual newsgroup, and other things.

He has stated "...I can make things very rough for you if I want."

And, "..how about if I forward everything that you post to your boss at work..."

These are just a few of Gerry's doings Steve.

My advice to you...?

HE is the true embarresment and disgrace to this hobby...

HE is the one who insults all of us by thinking that we are too stupid to remember all his trolls and attacks...

HE is the newbie, that came in hurling insults, and has nothing good for the group...

HE is the one who will contact your employeer when he doesnt like what
you post...

Ignore him Steve...hes not worth it.

Take care.

PS. I have been trying to email you, but it keeps bouncing back with the last
address I had of yours...did something change?

Christopher K. Greenhalgh, N8WCT
Computer/Electronic Tech. II at The Ohio State University
E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

3814. Re: CB linear amps 4 Sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: kd1nr@anomaly.ideamation.com
Message-ID: <52ed6u$5cd@anomaly.ideamation.com>
Source record: 216006
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.cb,rec.radio.swap,rec.radio.amateur.misc,alt.2600

In article <52c9sp$1r8u@news.goodnet.com>, Eric Oyen <n7zzt@goodnet.com> wrote:
>>And people wonder why our social norms appear to be declining.
>Sound like the signes of the times to me. Anyone should realize that possession of a thing
>that is defined as illegal is a crime, whether or not you get caught.

In my opinion that's a major problem. There are some instances where
posession of a "thing" is fully legitimate but the cops don't seem to think
so.

>Those who make the point about not getting caught, therefor not having committed a crime,
>are in the wrong. Eventually, they will slip up and get caught.
>
True in a sense. But it also helps if you have some smarts about it and don't
tip your hand. How do you think they catch most cable pirates? It's either
through a friend (or ex-friend actually) that turns them in our they're
stupid enough to believe the free offers that cable providers run.

Tony

--
== Tony Pelliccio, KD1NR
== As offensive as I wanna be.
== kd1nr@anomaly.ideamation.com

3815. Re: The final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <52dpbl$58r@anomaly.ideamation.com>
Source record: 216007

In article <5279rn$3mp@news.ais.net>, <carl@ais.net> wrote:

>The modernization of ham radio is held back, as is the modernization of
>computer operating systems, by the insistence by some on the maintenance
>of compatibility with "legacy" code ...

I disagree. I think ham radio is backwards for several reasons. First and
foremost commercial equipment vendors are not interested in manufacturing gear
for amateur radio (not enough market).

>Why do you think WinDoze sucks swamp water so badly???

Knowing the way you rationalize things, I'm sure its because all the
Windows engineers are coded-hams :-)

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

3816. Re: Cheapest way to make up QSL cards?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: bb840@scn.org
Message-ID: <DyCs49.JuL@scn.org>
Source record: 216008

In a previous article, jonz@rainbow.rmii.com (Bea and Marvin Jones) says:

>Michael L. Ardai (n1ist@netcom.com) wrote:
>: In article <charles1DyB6M9.IG3@netcom.com> charles1@netcom.com (charles copeland)
writes:
>: -I bought some heavy duty paper, but dread cutting out these things.
>
>
>As well, that's what I do. I found some 60 lb paper at Office Depot
>(or was it Office Wharehouse?, or Office Express?, or Office Base?,
>or Office Max? <g>) and it came in several colors. It runs thru
>my HP LJIII quite well. (I do not believe the convoluted paper path in
>an HP LJ4 would do it.)
>
Actually it will, but you have to manually feed the stock in, rather than
use the paper tray. Some compatibles also allow you to open an output in
the back of the printer so the stock doesn't bend at all.
--
Jim Aeschliman bb840@scn.org
Black Diamond, Washington KD7MK

3817. Re: new call info - where?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: prografx@teleport.com
Message-ID: <52emjt$opo@nadine.teleport.com>
Source record: 216009

Also "www.qrz.com" carries the daily FCC report, and integrates that info into their overall database for immediate on-line searching. They also include lattitude and longitude of the control point, and can provide bearing and distance to Zizp code areas.

Steve
WB7PSD

3818. Re: Grid Location

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: terry@col.hp.com
Message-ID: <52emau$26a@nonews.col.hp.com>
Source record: 216010

David S. Bowers (bowersda@cc.uvsc.edu) wrote:
: Glancing through the January '96 QST, an article on VHF/UHF contesting
: gave an internet address of a grid locator program. I tried to open the
: location, http:/www.mit.edu:8001/geo, and could only get an error message
: stating the server was not found.... Does anyone know if this location
: has changed, closed, and/or if someone else now provides the grid
: location service on the internet. A netsearch only reported a personal
: ham page that never connected, just sat trying to contact the host for a
: half an hour (twice).

: Any help appreciated.

Syntax. You need the following:

http://www.mit.edu:8001/geo

NOTICE TWO '//' after http:

Just ran it and everything came up fine. Good Luck.

Take care, & 73's
--
CU
twthero

____
| Terry W. Thero: e-mail: |
| terry@col.hp.com |
|____|
| The Only Easy Day Was Yesterday |
|____|

3819. FCC Vanity Gate 2 - FCC Day-One (September 23rd) Receipts Status to Date

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: "Bart Jahnke, KB9NM ARRL/VEC" <vec@arrl.org>
Message-ID: <324AD71C.3A11@arrl.org>
Source record: 216011

FCC Vanity Gate 2 - FCC Day-One (September 23rd) Receipts Status to Date

FCC Gettysburg reports today that they have received to date from Mellon Bank 4,184 paper applications that were filed as of September 23rd--day one of Vanity Gate 2 (the gate which opened for Extra class licensees and Extra class club license trustees). FCC also reports receiving 339 electronically-filed Gate 2, day-one applications.

This brings the total of Gate 2, day-one receipts to 4,523 (to date).

Note: This may NOT yet be the total Gate 2, day-one receipts from Mellon Bank. FCC says it has not yet begun receiving September 24th applications from Mellon Bank--so more September 23rd receipts may still be forthcoming. This should, however, represent the total of all electronically-filed Gate 2, day-one (September 23rd) receipts.

FCC said that new Vanity call sign grants for Gate 2 may be forthcoming in about two weeks--depending in part on the final total number of applications that were filed for Vanity Gate 2, day-one receipt.

FCC once again reaffirms that NO Gate 2 call-sign grants will occur until ALL day-one receipts are entered into their system queue--and at such time they will begin making grants from the queue in a random sequence. FCC also confirms that NO Vanity Gate 2 grants have occurred to date (checking with the FCC on scattered rumored grants have so far shown them to all be Gate 1 applications, or non-existent [BJJ]).

For an example of the Vanity application flow at FCC, here are Vanity Gate 1 and Gate 1A receipt numbers for the 9 business days prior to September 23rd:

Date Receipts
9-10 51
9-11 15
9-12 24
9-13 20
9-16 43
9-17 9
9-18 35
9-19 51
9-20 161

==========
= | ARRL HQ =
= Bart J. Jahnke, KB9NM | Tel: 860-594-0300 =

```
= ARRL/VEC Manager | Fax: 860-594-0259 =
= 225 Main St | Internet: vec@arrl.org =
= Newington CT 06111 (USA) | MCI MAIL ID: 653-2312 =
= | =
================================================================
```

3820. Re: FCC License Processing Time...

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: prografx@teleport.com
Message-ID: <52enba$pd1@nadine.teleport.com>
Source record: 216012

Just as a prologue to my original question:

My friend took his test Sunday 9/22/96, the application was filed in
a group electronically with the FCC Sunday night or Monday morning,
and the license was processed, call sign issued, and results posted on
the Internet by 0600 Thursday Zulu (11PM Wednesday local) 9/26/96!

That is incredible compared to the "olden" days!

Steve
WB7PSD

3821. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: Jim Conn <jconn@gte.net>
Message-ID: <324B091D.53D9@gte.net>
Source record: 216013
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Gary Coffman wrote:
>
> In article <32402BDD.4DA0@gte.net> Jim Conn <jconn@gte.net> writes:
> >
> >As one who works day to day with the latest in telecommunications
> >technology, I can say with confidence that in a very short time, using
> >ADSL technology, voice, video and 1.44 megabit data will be available to
> >everyone via their regular copper phone line for a paltry few bucks. We
> >are field testing it now. High speed digital communications will become
> >so easy and cheap in the next few years, even the most advanced SS HF
> >radio amateur modes will be obsolete by comparison of cost/performance.
> >Mankind is ready to once again "jump the curve."
>
> Sorry, that leaves Mankind tethered to a wire. As long as Man wants
> to roam free of the wire, radio won't be obsolete. It might be slower,
> it might cost more, but it won't be obsolete. (Of course individual
> radio techniques will become obsolete as they are superceded by better
> ones, but radio won't becomes obsolete as long as the alternative is
> a wire tether.)
>
> Gary
> --Hi Gary,

I was using the term "obsolete" in the sense of those who describe morse as "obsolete". In fact, you are correct in saying that radio will not likely become obsolete in the near future, in the true sense of the word, as in "not used" anymore. I never said wire technology would replace radio. I said "even the most advanced SS HF radio amateur modes will be obsolete by comparison of cost/performance".

I was simply making the point that technology is relative. Is AM superseded by SSB? Is RTTY superseded by PACTOR? Supersede is defined as "cause to be set aside, to force out of use as inferior". My point is this: AM is still being used, ergo, it has not been superseded by SSB. RTTY is still being used, ergo, it has not been superseded by PACTOR. Morse is still being used, ergo, it has not been superseded by some other mode.

73, and thanks for your post.

Jim
AD4VL

3822. Re: the final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: Monty Wilson <mwilson@bangate.compaq.com>
Message-ID: <DyCvK7.J7L@twisto.eng.hou.compaq.com>
Source record: 216014
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>... try this book: _Digital Modulation and Coding_ by Stephen Wilson.
>
>Dr. Wilson will lead you from the crudest modulation, OOK, on up to
>the more modern modulations...

Hey I must be a crude dude because I enjoy CW to no end. All that
is old is not necessarily outdated, and I've found that to be
the case with CW. What a neat mode; narrow-band enough to shine
under almost any conditions, accessible to everyone who knows the
code, even people using homebrew rigs or WWII surplus equipment,
no expensive terminal node equipment or computers required,
OK to take mobile, and with enough standard abbreviations that we
can make contact across language barriers.

Oh yeah: AM, FM, SSB, RTTY and AMTOR are nice too.
--
.........Monty.
mwilson@flex.net

3823. Re: 24-hour Windows clock?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: Tim Bethke <ssiphoto@telepath.com>
Message-ID: <324AE888.67BF@telepath.com>
Source record: 216015

Alan wrote:
>
> I am running Windows 3.1 on the computer I use for ham
> stuff, and I have been using the Windows clock since I don't
> have any other clock in the shack right now. Does anyone
> know where I can download a similar clock that can be set
> to 24-hour format? It doesn't look like the standard clock is
> capable of doing 24-hours. This would have to be freeware
> of course, I'm not desperate to actually pay for anything.
>
> Alan KJ5ZD If you go into the Control Panel in Windows 3.1, you'll see an icon called International. Double-Click on this and it will bring up the international setting window. In the lower left-hand corner, there is a box called Time Settings. Click on the change button and there is a radio button that will let you toggle between 12 and 24 hour formats. This should help you out if you are running the Windows clock in "digital" mode. Of course this will only help if you only want to display one time zone. Hope this helps.

3824. Re: Travel with toys (electronics)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: craig@pacific.net.sg
Message-ID: <324a64b9.130828992@news.pacific.net.sg>
Source record: 216016
Cross-posted to: rec.travel.air,alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc,rec.aviation.piloting

jamoran@indirect.com (John Moran) wrote:

>you can use a scanner on an aircraft without any adverse effects!!

But it's contrary to their rules. Therefore you shouldn't.

Craig

3825. Re: FCC License Processing Time...

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: n3kfn@warwick.net
Message-ID: <324aed41.2257156@news.warwick.net>
Source record: 216017

On Wed, 25 Sep 1996 20:04:19 GMT, prografx@teleport.com (Steve
Kennedy) wrote:

2 - 3 weeks is realistic. You can find your call sign electronically
though, a lot quicker. The new call signs from our last 3 or 4
sessions have been issued within 7 days of the exam!

>A friend of mine recently passed his first Amateur test, and is now
>awaiting FCC processing to get his ticket.
>
>Can anyone tell me approximately what the waiting time is nowdays from
>VE submission to Call issuance to receipt of license in the mail?
>
>Thanks
>
>Steve
>WB7PSD
>

73 es DX,
Mike D'Alto, N3KFN http://www.geocities.com/CapeCanaveral/1641

3826. Re: Cheapest way to make up QSL cards?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: n3kfn@warwick.net
Message-ID: <324aee47.2518961@news.warwick.net>
Source record: 216018

On Wed, 25 Sep 1996 22:03:45 GMT, charles1@netcom.com (charles copeland) wrote:

What I did for a while, was to design a good looking card using a DTP program, like Page Maker. I "cut and pasted" the finished card so 4 of them fit on a 8-1/2" x 11" sheet of paper. They fit that way if you put them on the page sideways, in "landscape" mode. I then went to the local print shop in the area, that has a super duper copy machine, and they print any quantity I want for a nickle a page, on color postcard stock. Their copy machine is capable of handling postcard stock. I don't know if all of them are. I had to cut them out myself, but with a paper cutter, it's a piece of cake. Ask around... Someone you know has got to own a paper cutter. This method cost me 1-1/4 cents per card. I think the cost is 10 cents per copy now, but still can't beat that. . .

>After talking to Kinko's, I'm quit shocked what they want to make 3X5
>QSL cards. A mininum of 100 at 41 cents EACH! Price drops to 18 cents
>each for 1000 ... thats $181!
>
>I bought some heavy duty paper, but dread cutting out these things.
>
>Any Ideas?
>

73 es DX,
Mike D'Alto, N3KFN http://www.geocities.com/CapeCanaveral/1641

3827. Freebie! (Well...almost free)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: Terminator <jnooney@albany.net>
Message-ID: <324AF616.5CE8@albany.net>
Source record: 216019
Cross-posted to: alt.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.scanner

Recently, there have been some freebie offers posted on this newsgroup. In that same giving spirit I would like to offer you an almost free copy of National Scanning. I say almost free because it will cost you two quarters for postage. National Scanning is published every other month and includes such top writers as Tom Swisher, Gene Hughes, Larry Miller, etc.

And yes there are a few catches......aren't there always?

First, this offer is good for non-subscribers only. Second, please send the two quarters, not a check (more trouble than its worth if it bounces) Third, the magazines will be sent via bulk mail with the next issue after your 50 cents arrives.

To take advantage of this offer send 50 cents to:
National Scanning
P.O. Box 360
Wagontown, PA 19376

3828. Re: Thanks Carl

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep26.174117.25041@ke4zv.atl.ga.us>
Source record: 216020

In article <51do8l$qev@krypto.zippo.com> cecilp@magic.bunt.com (Paul Cecil) writes:
>Change the band plan? For what and how?

Bandplans should not be static. They should change and evolve as
usage patterns and technical advancements dictate. This should be
an ongoing process, and not something set in government cement.
I'd suggest that amateurs themselves should evolve their own
bandplans, perhaps through international amateur organizations
like the IARU, and review them frequently to make sure that they
remain consonant with reality.

>Change >the test? To what?

To something that meets the legitimate concerns of the appropriate
government licensing agency. No more, no less. Those concerns retain
certain basic facets consonant with knowledge of regulations and
radio theory, but they also have facets such as Morse speed testing
which are no longer a legitimate government concern since the basis
for that concern has disappeared, IE there no longer exists a need
to interoperate with life safety services who only have Morse capability
because life safety services no longer retain a Morse capability.

>There must be some way of making someone earn the right to be a HAM.

Why? What legitimate government statutory purpose is served by
fraternity hazing? Note, the Communications Act of 1934 (as amended)
is the governing statute in this regard. Read Section 1 and see if
you can justify an "earn the right" attitude based on that. The
government has no reason to care one way or another how much effort
an applicant may have to exert. The government only has legitimate
reason to care that the applicant satisfies their legitimate concerns,
as defined in Section 303. If that takes a lot of effort on the part
of an applicant, so be it, or if it takes very little effort on the
part of another applicant, so be that too. Effort is irrelevant. Only
results count.

>I see the code
>as the final hurdle to graduation.You, Carl, and the others may be
>right that the Code will go away. But what do you intend to use as a
>final hurdle. If you give away the Amateur Radio License then why
>should anyone respect it.

An amateur license isn't a graduation certificate. It is an entrance
exam granting access to the lifelong learning laboratory which is
amateur radio. As such, it must determine that the applicant can
work in the laboratory safely and without harming others. That requires

certain prerequisite knowledge (and IMHO considerably more than is currently covered on the amateur exams, for certain more than is covered by the Novice, Tech, or General exams). Beyond that, the lab work is self-paced and self-directed, and the only graduation certificate is issued by the coroner.

A license is a tool to be used, today and tommorrow. It is not a dusty trophy on a shelf, a rememberance of efforts once exerted. A workman respects a good tool for what it allows him to do, not for what it may have cost to obtain. I've bought some very costly tools over the years for which I hold very little respect because they turned out not to be very good tools. OTOH, I've found tools by the roadside which I prize very highly because they turned out to be very good and useful tools. What I may have paid doesn't matter, what they are worth is a function of what they allow me to do. An amateur license is no different. I prize my license not for some test I took in 1963, but for what it allows me to do today and tommorrow.

If you feel differently, then I suggest you turn in your lab pass and go sit in the sun with the other has beens and used to be's and remember your past glory of once having passed a test. If that's what the license means to you, just a dusty trophy of some past glory, if you think the time for doing and learning is over, if you think you've graduated, then you've no business still being in the lab.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3829. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep26.183057.25251@ke4zv.atl.ga.us>
Source record: 216021

In article <51i11h$73@news.Hawaii.Edu> jherman@Hawaii.Edu (Jeffrey Herman) writes:
>Dana Myers <myers@West.Sun.COM> wrote:
>>Actually, I think the tests should include complex math, too.
>
>That's vague. Some folks think all math is complex. Are you speaking
>of the arithmetic of complex numbers: z = a + ib where i = sqrt(-1)?
>If so, we call that complex analysis.

Funny, we call it calculating impedance. :-)

>And that's too easy. Let's get some
>engineering mathematics involved.

Like Ohm's Law, hmmm? Oooh that's tough. I remember you demanding
the tests require applicants to actually demonstrate that they can
multiply and divide by hand using that heavy duty engineering equation.
That's *real* tough.

If you're really serious, lets make them determine the coefficients for
an 8th order Chebyshev FIR filter with a specified center frequency,
passband, and stopband ripple. Now that might be useful. Or we could
have them write out the equation describing the modulation function
due to keying a carrier on and off (bet you can't, and you claim to
understand your radios), and use it to express the occupied bandwidth
at a specific baud using the ARRL recomended rise/fall times. Then
express that as a percentage of the Shannon limit for the given
information rate (bet you can't do that either).

>Let's bring back circuit diagrams that
>the examinee must sketch.

Oh sure, mechanical drawing. I suppose you want them done in ink
with a quill pen too. Better would be to require them to write a
Spice model for the circuit and do a transient analysis of it.
You've so consistently spurned modern engineering methods and tools,
Jeff, that one has to wonder if you'd recognize one if it bit you.
Is your knowledge as stone age as the components you insist must be
used in order to qualify as homebrew? One wonders.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3830. ARLB065 Gate 2 like a lottery

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: w1aw@arrl.org
Message-ID: <$arlb065.1996@arrl.org>
Source record: 216022
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB QST @ ARL $ARLB065
ARLB065 Gate 2 like a lottery

ZCZC AG45
QST de W1AW
ARRL Bulletin 65 ARLB065
From ARRL Headquarters
Newington CT September 26, 1996
To all radio amateurs

SB QST ARL ARLB065
ARLB065 Gate 2 like a lottery

September 23, 1996, was a momentous day for the thousands of FCC Extra Class licensees who decided to enter what amounts to a call sign lottery--otherwise known as Gate 2 of the FCC's vanity call sign program. To paraphrase the old saw, you pays your 30 dollars and takes your chances. But, patience. Don't be surprised if that license bearing the new call sign doesn't show up for two to three weeks or longer, even if your Form 610V was among the first to arrive at the FCC bank contractor's doorstep.

Some applicants--perhaps many--labored under the misconception that the earlier they got their Form 610V in to the Pittsburgh drop box (for Mellon Bank, the FCC's fiscal agent), the better their chances of getting their first choice. T'ain't so. According to ARRL/VEC Manager Bart Jahnke, KB9NM, the FCC says it won't grant any applications until all applications (electronic or hard-copy) have been received. ''What this means is all applications first will be entered into one big queue in no particular order in the FCC's computer,'' he said. Electronic filers using the system that the FCC inaugurated on September 23 stand the same chances as paper filers in the call sign assignment process, Jahnke emphasized. The FCC's on-line filing system does not yet permit on-line payment, so electronic filers still had to physically send their payments to the FCC's drop box in Pittsburgh, although the box was a different one than for paper applications with payment attached.

Jahnke explains that no application will carry a time of receipt, and everything that showed up in the correct Post Office box between 12:01 AM on Saturday, September 21, and 12:59 PM on Monday, September 23, will be considered day-one receipts and will go into the computer as such. The FCC says it won't start to grant new call signs until all applications for a given day are entered--whether they were filed on paper or electronically. When the FCC starts

granting new call sign requests, they will be done in random order, so it could be a few weeks before your application is granted.

''Think of it as a lottery drawing,'' Jahnke said. ''The (FCC computer) 'arm' will reach in and grab applications until the queue is empty.''

Just how many Gate 2 applications the FCC ultimately will receive is a matter of speculation. Original FCC plans called for running off 25,000 Form 610V copies for the entire vanity program. Later, the Commission upped the tally by nearly a factor of 10. Jahnke said the ARRL alone has distributed up to 20,000 vanity call sign application packages, including direct replies to SASEs, electronic requests and distributions at hamfests and conventions.
NNNN
/EX

3831. Re: Vanity calls -- someone else eats my pie?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: tom@coho.halcyon.com
Message-ID: <52f1md$k6a@news1.halcyon.com>
Source record: 216023

Arlan Levitan (arlan@worldnet.att.net) wrote:

: Gene Shablygin <Gene@jetisi.com> wrote in article
: <32497CB8.53B9@jetisi.com>...
: > Maybe, they do it this way for all of us... We are all should be equal;
: > but somebody (like W7AA, ex WB7PJM) may be just a little bit more equal

: Just curious....how did WB7PJM find out he got W7AA? I can't find any web
: callsign servers that contain that transaction. Did he call the FCC and
: ask? I just spoke with the customer info center again and was told that
: "anyone who claims that that they have all ready received a new call under
: gate 2 is dreaming".

W7AA was my first choice :-(; one down and twentyfour to go.

I downloaded the "tue.zip" file from the FCC ftp site and found a "B" code
for the call award for W7AA-- "close relative". Probably a third cousin
or something, but it is nice to see a pioneer call like that stay in a
family rather than get snarfed up by some club station you never hear on
the air. The awardee appears to have gotten her ("Nikki" sounds YL ?)
Extra just barely in time.

Meanwhile, this means that the FCC still has its thumb inserted-- this
wasn't a Gate 2 award. Close relatives were and are Gate 1.

Did the FCC consumer contact indicate when Gate 2 work would start
happening?

Regards,

Tom

3832. The ARRL Letter Electronic Update--9/27/

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: "Lindquist, Rick, KX4V" <elindquist@arrl.org>
Message-ID: <52f0ne$rtq@mgate.arrl.org>
Source record: 216024
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

The ARRL Letter
Electronic Update
September 27, 1996

IN THIS UPDATE:

* Gate 2: The big wait begins
* Another successful SAREX mission
* FCC to ease international operating
* Arvid Anderson, W1RRS, SK
* In Brief: W5V authorized; AMSAT-NA board election results; SETI-Net set; New RAC QTH; Picosat talk set; New satellite Web site; New AMSAT-SA head

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GATE 2 IS LIKE A CALL SIGN LOTTERY

September 23, 1996, was a momentous day for the thousands of FCC Extra class licensees who decided to enter what amounts to a call sign lottery--otherwise known as Gate 2 of the FCC's vanity call sign program. To paraphrase the old saw, "you pays your $30 and takes your chances!" But, have patience! Don't be surprised if that license bearing your new call sign doesn't show up for two to three weeks or longer, even if your Form 610V was among the first to arrive at the FCC bank contractor's doorstep.

Some applicants--perhaps many--labored under the misconception that the earlier they got their Form 610V in to the Pittsburgh drop box (for Mellon Bank, the FCC's fiscal agent), the better their chances of getting their first choice. T'ain't so! According to ARRL/VEC Manager Bart Jahnke, KB9NM, the FCC says it won't grant any applications until all applications (electronic or hard-copy) have been received. "What this means is all applications first will be entered into one big queue in no particular order in the FCC's computer," he said. Electronic filers using the system that the FCC inaugurated on September 23 stand the same chances as paper filers in the call sign assignment process, Jahnke emphasized. The FCC's on-line filing system does not yet permit on-line payment, so electronic filers still had to physically send their payments to the FCC's drop box in Pittsburgh, although the box was a different one than for paper applications with payment attached.

Jahnke explains that no application will carry a time of receipt, and everything that showed up in the correct Post Office box between 12:01 AM on Saturday, September 21, and 11:59 PM on Monday, September 23, will be

considered day-one receipts and will go into the computer as such. The FCC says it won't start to grant new call signs until all applications for a given day are entered--whether they were filed on paper or electronically. When the FCC starts granting new call sign requests, they will be done in random order, so it could be a few weeks before your application is granted.

"Think of it as a lottery drawing," Jahnke said. "The (FCC computer) 'arm' will reach in and grab applications until the queue is empty."

Late information indicates that as of September 26, more than 4500 vanity applications had made their way from Pittsburgh to Gettysburg for processing, but more are expected. The FCC got 339 electronically filed applications on day one. Just how many Gate 2 applications the FCC ultimately will receive is a matter of speculation. Original FCC plans called for running off 25,000 Form 610V copies for the entire vanity program. Later, the Commission upped the tally by nearly a factor of 10. Jahnke said the ARRL alone has distributed up to 20,000 vanity call sign application packages, including direct replies to SASEs, electronic requests and distributions at hamfests and conventions. One unconfirmed report said a single courier hand-delivered 5000 Form 610V applications on behalf of first-day filers.

ANOTHER SUCCESSFUL SAREX MISSION

The three hams aboard space shuttle Atlantis--Jay Apt, N5QWL; Carl Walz, KC5TIE; and John Blaha, KC5TZQ--spoke with students at two schools in the Midwest and a third in England during their mission, which ended Thursday, September 26. Blaha replaced Shannon Lucid aboard the space station Mir, where he'll spend 120 days. Lucid had been living on Mir for the last six months. The shuttle had docked with the station last week to make the exchange and to drop off food, water, equipment and supplies at Mir.

STS-79 carried the Shuttle Amateur Radio EXperiment (SAREX) payload in configuration M (voice-only operations).

While still docked with Mir, the Atlantis crew successfully completed three prearranged SAREX contacts. The first was on Friday, September 20, with Immaculate Conception Elementary School in Celina, Ohio. Pupils there made a very successful SAREX contact with astronaut Carl Walz, KC5TIE. Eleven-year-old Steven Eizensmits, KC8ENC, of Mendon, Ohio, initiated the 6 1/2-minute contact, and pupils got answers to nine questions as some 400 of their classmates and media representatives looked on (nine TV and cable stations, two radio stations and one newspaper sent reporters). Also among the crowd were the mayor of Celina and a couple of members of the Ohio legislature. After the contact, the pupils got a congratulatory telephone call from retired astronaut and US Senator John H. Glenn Jr--the first American to orbit the Earth.

Crew members spoke with two schools on Sunday, September 22. Students at the Royal School For Girls in Haslemere, Surrey, England, got answers to four questions during the QSO. Audio quality was reported as "somewhat poor," but students thought the event was "pretty keen." Some 150 people showed up for

the occasion, including representatives from the BBC and local television.

The last SAREX contact was with Andover Middle School in Andover, Kansas. Students and administrators at the school called the contact a "once-in-a-lifetime" opportunity. Audio quality was adequate, and students asked a couple of dozen questions, most of them fielded by Jay Apt, N5QWL. At the school itself, some 200 people and media representatives turned out.

After the Kansas contact, the crew members turned their attention to personal contacts. The ARRL has received dozens of reports from amateurs who made successful contact with the crew throughout the mission. We even got reports from hams in Canada and Finland. After Atlantis and Mir separated, John Blaha, KC5TZQ, was heard working ground stations on the East Coast on 145.55 MHz. "Good strong signal as Mir passed over Knoxville," reported Greg Williams, KE4HSM.

Send STS-79 QSL cards and reports to: ARRL EAD, STS-79 QSL, 225 Main St, Newington, CT 06111-1494. Include the following information in your QSL or report: STS-79, date, time in UTC, frequency and mode. Include a stamped, self-addressed business-size envelope if you wish to receive a card (non-US stations should include one IRC). The Bergen Amateur Radio Association in New Jersey has graciously volunteered to manage the mailing for this mission.

Space shuttle Columbia will carry the next SAREX payload, during mission STS-83 in March, 1997.

FCC PLAN WOULD EASE INTERNATIONAL OPERATING

The FCC has proposed amending the Amateur Radio rules to make it easier for hams holding a European Conference of Postal and Telecommunications Administrations (CEPT) radio-amateur license or an International Amateur Radio Permit (IARP) from certain countries in Europe and the Americas to operate during short visits to the US. If finally approved, hams would be able to operate for short periods in participating countries without first obtaining another license or permit from the host country.

The FCC says the arrangement is intended to make it easier for US hams to operate stations temporarily in several countries in Europe, Central and South America. Likewise, hams from those countries would be allowed to operate in stations in places where the FCC regulates ham radio. "We believe that US participation in both the CEPT agreement and the CITEL/Amateur Convention would benefit US amateur operators who travel to Europe and to the Americas," the FCC said in its discussion of WT Docket 96-188.

Operating authority by CEPT or IARP holders in the US would be for "up to 180 days within the preceding five years." The two classes of CEPT licenses would correspond either to Amateur Extra or Technician class. Resident aliens or US citizens could not operate in the US under a CEPT license or IARP.

Last year, ARRL petitioned the FCC to implement the CITEL/Amateur Convention. The League also asked the Commission to acknowledge arrangements

to be made between the ARRL and the Department of State to issue IARP documents to US citizens for use in other CITEL countries. The FCC has asked the State Department to apply for participation in the CEPT Agreement as a non-CEPT country and expects the agreement to be concluded this year.

Comments on the proposal are due December 13, 1996, and reply comments by January 13, 1997. E-mail comments should mention "WT Docket No 96-188" on the subject line and should be addressed to mdepont@fcc.gov. Include your full name and Postal Service mailing address in the message text. Mail written comments to: Office of the Secretary, Federal Communications Commission, Washington, DC 20554.--FCC

ARVID H. ANDERSON, W1RRS, SK

Arvid Anderson, W1RRS, of New Britain, Connecticut, died September 2, 1996. He was 96. Anderson, a retired employee of the Connecticut Light and Power Company, was among those who--decades ago--helped to install the power poles used to support a large rhombic antenna for W1AW on the site now occupied by the ARRL HQ building. (An aerial view of the rhombic is on display in the W1AW lobby.)

In Brief:

* W5V authorized: The FCC has issued Special Temporary Authority to the Albuquerque Amateur Radio Club to use the call sign W5V for its annual Veterans Day event, November 11, 1996. The station will be located at the VA Medical Center in Albuquerque. W5V will honor veterans with operations on HF and 2 meters.

* AMSAT-NA board election results: Keith Baker, KB1SF; Tom Clark, W3IWI; and Andy MacAllister, WA5ZIB all were returned to the AMSAT-NA Board of Directors. All were incumbents running for re-election. Joe Holman, KA7LDN, continues as the alternate. A total of 1645 ballots were cast.--AMSAT News Service

* SETI-Net set: Hams with an interest in the search for extraterrestrial intelligence may wish to check into the recently organized SETI-Net. The net meets Sundays at 1000 UTC on 14,204 kHz (which is exactly 1% of the popular hydrogen line radio astronomy frequency). Net control is Peter, DJ0BI. The net is sponsored by The SETI League Inc. Paul Shuch, N6TX, is the SETI League's executive director. See the group's Web site at http://www.setileague.org/ for more information.--SETI League

* New RAC QTH: Radio Amateurs of Canada (RAC) will move its administrative offices to Ottawa, Ontario, next month. The RAC administrative office will be closed for business from October 7 until October 18, for the move and while the telephone services and computer systems are transferred from Kingston to Ottawa. Starting October 18, 1996, the new RAC address will be 720 Belfast Rd, Suite 217, Ottawa, ON K1G 0Z5; tel 613-244-4367; fax 613-244-4369; e-mail rachq@king.igs.net.--Jacques d'Avignon, VE3VIA

* Picosat talk set: A talk on the Picosat system will be given at this year's AMSAT conference in Tucson, Arizona, November 8-10. The Picosat system is one view of the future of Amateur Radio satellites. It includes easy-to-use access, cellular telephone-like features and much more, contained in a network cluster of pico satellites (15 cm-per-side cubes with extendible solar panels). For more information, set your Web browser to http://www.cordis.lu/esprit/src/picosat.htm.--Peter Vekinis, KC1QF

* New satellite Web site: The Southeast Michigan Area AMSAT Net's Web site has a new page dedicated to the band plans and modes of FO-29 (JAS-2). It's part of the Web site dedicated to both analog and digital Amateur Radio satellite operation. The URL is http://www.wwnet.com/~jsmyth/index.html.--AMSAT News Service

* New AMSAT-SA head: Hans van de Groenendaal, ZS5AKV, has been elected president of South African AMSAT. He takes over from Gerald Klatzko, ZS6BTD, who has headed up AMSAT-SA for the past two years. During his tenure, ZS6BTD has been directing most of his activities toward the completion of the Phase 3D 10-meter bulletin transmitter, expected to be delivered to the integration team in the next few weeks. Klatzko will continue to serve on AMSAT-SA's committee for another year and remain responsible for the Phase 3D project. Meanwhile, the launch of SUNSAT, South Africa's first satellite carrying an Amateur Radio and experimental commercial payload has been delayed until August 1997.--AMSAT News Service

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The ARRL Letter is published by the American Radio Relay League, 225 Main St, Newington, CT 06111; tel 860-594-0200; fax 860-594-0259. Rodney J. Stafford, KB6ZV, President; David Sumner, K1ZZ, Executive Vice President.

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Visit the ARRLWeb page at http://www.arrl.org.

The purpose of The ARRL Letter is to provide the essential news of interest to active, organizationally minded radio amateurs faster than it can be disseminated by our official journal, QST. We strive to be fast, accurate and readable in our reporting.

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3833. Re: do we build? was(re: arrl survey ignores 7 of 8 wrc-99 issues!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep26.202548.25629@ke4zv.atl.ga.us>
Source record: 216025
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew

In article <51sur0$g7j@news.Hawaii.Edu> jherman@Hawaii.Edu (Jeffrey Herman) writes:
> gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>> ...<SNIP>
>>
>>I think you see CW transmitters as the most common because that's all
>>you do, so your vision is a bit myopic on the subject of home constructed
>>equipment (or you may be insisting on a purist definition of homebrew which
>>doesn't admit anything but an original design by the home constructor). If
>>you were active on other modes, you might find that there is quite a bit of
>>building going on for them as well. Probably only at microwave, and for ATV,
>>is homebrew the majority course, but it is alive and well on most of the
>>other modes, not just among CW operators.
>
>You can quote sales figures of parts being sold but you can't conclude
>the projects those components are supposed to go into are ever completed
>or even started. Sales of parts doesn't give a very accurate account of
>homebrewing. But, hearing comments of what folks are building naturally
>enough does gives an account of the general trend in homebrewing.

It would if the people you listen to are representative of all
builders. But if the only places you hang out are where CW QRPers
hang out, then your POV is skewed. Try the TAPR SIGs, or try getting
on SSB and see how many stations with homebrew linears you work.

>Now, I think we're going to have to redefine "homebrewing" - I've got
>an article here from QEX titled The Ultimate VFO (April 1996); the
>circuit contains two major ICs, a clock module, a handful of resistors,
>and a few push-button switches. Is snapping ICs into sockets considered
>homebrew? I'll say "no", and call something like this a kit, instead.
>I'll snap it together but won't make any claim that I homebrewed a
>VFO. I've homebrewed VFOs before from scratch and this project won't
>begin to come close to the detailed work that those necessitated. And
>it won't be as rewarding, either.

Poor Jeffery, too hard for you to comprehend those 1s and 0s
I suppose. The fellow who designed and programmed that VFO was
homebrewing. Those who order the kit are kit builders, of course.
The act of installing a chip in a socket, or soldering a wire
to a tiepoint is home assembly. And that's what most of your
QRP CW friends do too. It's probably what you do too, since I
expect you copy your designs from somewhere rather than *really*
doing them from scratch. Mr. Colpitts or Mr. Pierce did it first,
you're just copying (or am I mistaken, is there really a Herman
oscillator circuit now?). And (gasp) you actually use factory built

parts too, instead of mining your own ores and chipping your own galena. Shame on you.

In my view, homebrew is any home contruction requiring more skill than assembling a Heathkit. Now *that* I consider just home assembly because the instructions were so detailed that someone with zero electronics knowledge could build one, and because Heath had that "we won't let you fail" guarantee. All but the most primitive builders use factory made parts. Whether those parts are tubes or ICs doesn't really matter (other than that ICs will allow you to do much more complex things than you can with discretes). And as Ramsey proves, just because it is a kit doesn't mean it isn't homebrew. By the time you debug and modify one of his kits so that it works right, you've done more than most builders who copy their circuits from the Handbook or a magazine article.

For the most part, I consider modern kit suppliers to just be acting as my purchasing agent, hunting down and gathering the parts in one package so I don't have to do it. It is convienent, but it is no different in principle than if I hunted the parts down myself for a published circuit.

Now even when I'm building something semi-original, I'm going to search out the most efficient way to build it. If that means I use a chip, I use a chip. That involves more than "snapping" an IC into a socket (which sounds like a good way to break a pin to me). You've got to install and wire the socket too, properly decoupling it in the process (no different than if you were "snapping" a tube into a socket). And you better understand what the chip wants in the way of inputs and what it supplies in the way of outputs. And you'd better understand the chip's transfer function too (again in no way different than if you were "snapping" a tube into a socket, except the transfer function is probably a lot more complex for the chip).

There aren't many really novel circuits. Most everything is an embodiment of the same basic set of building block circuit topologies. I'm not out to re-invent the wheel when I build. I'll happily rip off any circuit idea I come across that'll do something I want done in my project. It doesn't matter to me if that circuit idea is embodied in a 5 gallon bucket full of discretes or in a single chip (other factors equal, I'll choose the chip because it likely is more compact and uses less power than an equivalent discrete circuit). I'm just trying to get some functionality I can't get from commercially produced equipment, either because they don't build what I want, or because what they build costs more than I'm willing to pay.

Getting back to that DDS VFO, try duplicating its functionality using only discretes. If you can do it at all, it'd take a six

foot rack of parts to achieve a digital readout unit with frequency memories, I Hz tuning resolution, crystal stability, and the ability to hop frequency sequences in realtime for direct FSK RTTY or even SS FH use. (One of the advantages of DDS is that one frequency change is as quick as any other because there's no more settling penalty for a large excursion than a small one. You can't do that with an analog VFO at all.)

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3834. Re: Opinion on callbooks please

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: John Hofstrand <jhofstrand@daka.com>
Message-ID: <324B0F52.955@daka.com>
Source record: 216026
Cross-posted to: rec.radio.amateur.dx,rec.radio.amateur.misc

Nat,
I have a cd rom version of the Callbook and am very satisfied with it. Buckmaster doesn't even come close to matching it for quality and complete coverage. Even tho you may buy the cd rom or the printed Callbook, I wouold strongly suggest that you keep up to date on QSL managers via one of the online look-ups. Even with all of this high tech inf, I'm sorry to report that my return rate on DX QSLs is a little over 30% and worse via the bureau system. I hope you have better luck.

John Hofstrand KF7PG

3835. Re: Opinion on callbooks please

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: John Hofstrand <jhofstrand@daka.com>
Message-ID: <324B0F7F.340C@daka.com>
Source record: 216027
Cross-posted to: rec.radio.amateur.dx,rec.radio.amateur.misc

Nat,
I have a cd rom version of the Callbook and am very satisfied with it. Buckmaster doesn't even come close to matching it for quality and complete coverage. Even tho you may buy the cd rom or the printed Callbook, I wouold strongly suggest that you keep up to date on QSL managers via one of the online look-ups. Even with all of this high tech inf, I'm sorry to report that my return rate on DX QSLs is a little over 30% and worse via the bureau system. I hope you have better luck.

John Hofstrand KF7PG

3836. Boatanchors newsgroup?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: hrsil@flinet.com
Message-ID: <52f3sg$qbi@news.flinet.com>
Source record: 216028

Does anyone have any information on the boatanchors newsgroup or where to vote on its creation? I see a post now and then but never any real discussions.
--
Henry Silvia hrsil@flinet.com
{KE4WBW} WPB. FLA

3837. Re: Cheapest way to make up QSL cards?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: diaguila@mail.firn.edu
Message-ID: <52drao$jhd@news.fsu.edu>
Source record: 216029

>
>Any Ideas?
>

If you've spent a thousand plus on a pc, you can pick up some unlined
4x6 file cards. If your printer can handle the cards, print them off.
If not, get some 4x6 labels, print the QSL on the label, and stick it
on the card. Perfect fit, and your not limited to the usual stock
card the vendors sell. Scan in photos, whatever.....

Paul
KF4FCN

3838. IPS Daily Report - 26 September 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <52f3jd$ssl@flare.syd.ips.oz.au>
Source record: 216030
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 26/2330Z SEPTEMBER 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE AUSTRALIAN SPACE FORECAST CENTRE
SUMMARY FOR 26 SEPTEMBER AND FORECAST FOR 27 SEPTEMBER - 29 SEPTEMBER

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 70/5

GOES satellite data for 25 Sep
Daily Proton Fluence >1 MeV: 2.4E+06
Daily Proton Fluence >10 MeV: 1.9E+04
Daily Electron Fluence >2 MeV: 7.1E+08 (high)
X-ray background: A2.2
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
27 Sep 28 Sep 29 Sep
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 27 Sep: 70/5

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Unsettled to active, with minor storm
levels observed during period 18-21UT.

Estimated Indices : A K Observed A Index 25 Sep
Learmonth 19 3323 3453
Fredericksburg 18 10
Planetary 20 10

Observed Kp for 25 Sep: 1334 3212

2B. MAGNETIC FORECAST
Date Ap Conditions
27 Sep 20 Unsettled to active, with the chance of minor
storm periods.
28 Sep 15 Unsettled
29 Sep 10 Unsettled
COMMENT: A geomagnetic disturbance alert was issued at 2205 UT
on 26 September for K = 5 during the period 18 - 21 UT, 26 September.

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band
Date Low Middle High
26 Sep Normal-fair Normal Normal-fair
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
27 Sep Normal-fair Normal Normal-fair
28 Sep Normal-fair Normal Normal-fair
29 Sep Normal Normal Normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
26 Sep 12

Observed Australian Regional MUFs:
Darwin: Enhanced up to 30% during period 01-04 UT and
greater than 30% during period 15-17UT, depressed
up to 30% for the period 04-08UT, otherwise near predicted monthly values.
Townsville, Sydney and Hobart: Near predicted monthly values.

Predicted Monthly T index for September: 9

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
27 Sep 0 Depressed 10 to 30% during local day for extreme
northern and southern Australian regions, otherwise
near predicted monthly values.
28 Sep 0 Depressed 10 to 30% during local day for extreme
northern and southern Australian regions, otherwise
near predicted monthly values.
29 Sep 9 near predicted monthly values

--
IPS Radio and Space Services | email: asfc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/asfc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
tel: +61 2 94148300 | fax: +61 2 94148331

3839. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep26.213952.25949@ke4zv.atl.ga.us>
Source record: 216031

In article <51pgqo$399@news.Hawaii.Edu> jherman@Hawaii.Edu (Jeffrey Herman) writes:
><carl@ais.net> wrote:
>>Why is the primary focus on testing ALWAYS as a means to "limit access
>>to the HF bands" ???
>
>Because, unlike V/UHF which can accomdate millions of folks due to its
>short range characteristics, if one so much as sneezes on HF he could
>possibly be heard half-way around the world.

Yeah, but not in some places in between, IE skip zones. Frequency reuse
does exist on HF too. It is not a unique characteristic of VHF. There is
a difference in that the precise coverage area isn't contiguous or as
easily mapped on HF as it is on VHF. That's a nuisance to broadcasters,
but not so much to the agile amateur operator.

>That 3.75 MHz we've been
>awarded does have an upper boundry in regard to the number of ops that
>can be accomdated.

Yes, though as FCC commissioner Susan Ness recently remarked, that
upper boundary can be made arbitrarily large by using better techniques.
And the FCC says it is no longer satisfactory to warehouse frequencies
solely so that less efficient methods can continue to be used. In 1937,
the author of _200 Meters and Down_ said that upper limit for HF was
16,000 amateurs, so we needed to raise the Morse test speed to "ration"
HF access. He would be amazed to learn how many are accomodated today,
about 460,000 US operators alone are HF authorized.

>You'll argue that if everyone used the latest fad mode we would have room
>for an unlimited number of folks; but you refuse to face the reality that
>we're not all going to shift to your mode of choice. You're guilty
>of espousing that ("you *must* use my mode") which you've condemed ("why
>*must* I learn the code?")

Not at all. Amateurs can certainly continue to *try* to use their older
modes of choice, but it will become increasingly difficult to do so.
Those who *voluntarily* choose to use superior modes will have greater
success, and eventually those who want to be successful on the bands
will follow their lead. This was the case when SSB displaced AM. AM
was not banned, but it became increasingly untenable to use while SSB
offered those who switched considerable advantage. This is just natural
selection at work. No one was coerced to switch, it just became obvious
that it would be stupid not to switch.

>One wonders why you're not chastising the SSB crowd for their wide-
>bandwidth mode - uses more than CW.

But narrower is not necessarily better (and SS is the ultimate expression of that). 120 WPM SSB has a Q of about 0.057 while 13 WPM Morse has a Q of 0.0325. So SSB uses its spectrum about twice as efficiently as CW (at the speed required for HF SSB access). Faster CW closes the gap, with 20 WPM Morse having a Q of approximately 0.05, but only a small contingent go that fast (Extra is the smallest class).

The Quality metric I'm using is WPM/Hz, of course, which measures the information passed per minute per Hertz of consumed bandwidth. For comparison, PACTOR has a Q of about 0.125 and Clover has a Q of about 0.94 (at its highest rate). Clearly, neither CW nor SSB are very good at all, though SSB holds the edge against most HF operators' real CW speed.

Now that Q is not the only metric we can apply, though it is an important one. If we didn't care about communicating information, we could all just emit unmodulated carriers. That would proclaim we exist, but wouldn't otherwise convey any useful information. We could all limit our activity to just one frequency in that case since, without the need to convey useful information, it wouldn't matter that we were just creating one howling hetrodyne.

Nor is it necessary to assume that the bandwidth consumed for the Q figure above be contiguous. If we use SS, we can spread the bandwidth across an entire band, using the little slivers which currently are unused, IE the guardbands maintained between narrowband mode operators now. With SS, those guardbands are unnecessary, and the band can be filled uniformly from edge to edge with signal. Instead of the drastic interference two narrowband operators suffer when crowded inside their guardbands, with SS, the noise floor of all operators just slightly rises with the addition of another station.

So even after the band is "full", there is still room left for more operators as long as the Eb/No doesn't get too bad. And if it does, we can have everyone reduce power, which will reduce the SS noise floor contribution, and allow even more operators on the band. There's a limit to that, however, where the signals drop below the natural noise floor. That puts a premium on techniques which work well near the natural noise floor, and guess what, modern digital technique excels there too. Strong FEC allows operation very close to the detection limit.

And there is yet one more dimension we can exploit to get more operators on the band. That dimension is time. Given a method with a high Q, we can pass the same information in a much shorter time than using modes with a low Q. That frees the channel for other users.

Now Paul will complain that users don't care about throughput. He'll say users have a certain amount of time to kill on the air, and that they want to use all of it, regardless of how much they can say in that time. There's truth to that, even

though the FCC isn't impressed by that logic anymore. But we
can fix that too. We can program our equipment to dribble
information out to us as slowly as we desire while transmitting
in quick bursts on the air. It only takes buffer memory, and
that's become very cheap. This packet-like technique still
lets us kill a lot of time operating without continously tying
up the channel and preventing other users from using it also.

Susan Ness is correct. We can accomodate arbitrarily many
amateurs on HF if we use techniques better than the ones
we use now.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3840. Re: KENWOOD TS-870S Extended (MARS) transmit mods?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: Larry Steiner <LSTEINER@MAP.COM>
Message-ID: <324B265C.4593@MAP.COM>
Source record: 216032

Gilbert Baron wrote:
>
> Does anyone know what the mod or key codes to open the TS870s Transmit
> range would be or where I could find it. A Yahoo and Alta Vista search
> finds lots on Kenwood but nothing on the TS870.
> --
> Gil Baron W0MN gbaron@deskmedia.com Web http://www.deskmedia.com/~gbaron
> "Bailar es vivir" pgp2.6 key http://www-swiss.ai.mit.edu/~bal/pks-toplev.html
> "Cuatro caminos hay en mi vida. Cual de los cuatro sera el mejor"
>
> [Posted with Agent .99e. For info, email agent-info@forteinc.com.]
I would also like info on this. A diode removal and reposition on the
digital board? Thank you!

3841. Need Discone Plans

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: Dave.Formilan@cybernet.magsystems.com
Message-ID: <fce_9609262000@magsystems.com>
Source record: 216033

Looking for plans to build a discone antenna for RX 25-1300MHz and TX 6M/2M/440/900/1200MHz. I have access to materials, but need plans.

Any help or even recommendations on commercial kits would be appreciated.

Thanks,

Dave Formilan
dave.formilan@hobbs.com

OLXWin 1.00a If this were an actual tagline, it would be funny.
--

3842. Re: CB linear amps 4 Sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: T E I X E I R A <teixeira@ccnet.com>
Message-ID: <52f3kl$fb2@ccnet2.ccnet.com>
Source record: 216034
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.cb,rec.radio.swap,rec.radio.amateur.misc,alt.2600

>Brian wrote
>
> all I have to say is to all of you is do what you want and stop
>bringing your agurment onto the inet use personal email and not news
>group because I have to say you are all the bigest bunch of wining little
>babies I have ever seen.
>
> and like someone else said if you don't get caught it is not a
>crime.

Does that also mean if someone steals your car or your credit card and they don't get caught it's not a crime????? OOOOOOk..... I hope you will be goin back to 11 meters now.....

3843. Re: CB linear amps 4 Sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: cheshire@ridgecrest.ca.us
Message-ID: <52eami$lr0@ash.ridgecrest.ca.us>
Source record: 216035
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.cb,rec.radio.swap,rec.radio.amateur.misc,alt.2600

kd1nr@anomaly.ideamation.com (Anthony S. Pelliccio) wrote:

>In article <32496ACD.2520@ix.netcom.com>,
>Larry Shilkoff <shilkoff@ix.netcom.com> wrote:
>>B. swanson wrote:
>>>
>>> if you don't get caught it is not a crime.
>>>
>>
>>And people wonder why our social norms appear to be declining.

>Goes along with my theory about traffic lights after midnight. I apply
>the "If a tree falls in the woods and there's nobody there to hear it
>fall, does it make a sound?" principle. By that I mean, if it's after
>midnight and there's nobody else around (most importantly there's not a
>cop nearby), and you run the light, does anyone see you run the light?

Only if you are riding a motorcycle and don't see the semi comming
from the right , , , , , , , , ,

>Tony

Dr Pepper
10 - 2 - 4

3844. Re: Vanity CAlls

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: Hans K0HB <71111.260@CompuServe.COM>
Message-ID: <52e77tadh1@mhadf.production.compuserve.com>
Source record: 216036

N0RDQ asked how many applied for Vanity calls "today" (Sep 23).

I heard that approximately 4,000 applications were received
on September 23rd.

--
--
73, de Hans, K0HB
Liberator of the Blue Smoke, and
Minister of Cue Are Nancy

3845. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: carl@ais.net
Message-ID: <52chd2$6vu@news.ais.net>
Source record: 216066

In <52bdja$nql@freenet-news.carleton.ca>, dg198@FreeNet.Carleton.CA (Frank Sved) writes:
>
>Anyone can learn CW by simple association.

Sez who??? There are people who can't learn the code, period. To them, it's just a jumble of sound that can NEVER be decyphered ... just like people with sever dyslexia cannot read because the letters are all jumbled and backwards, etc. to them.

I learned the code, with great difficulty, but some people really can't.

Besides, even *if* everyone *could* it would still not justify forcing everyone to learn it in today's world in order to obtain a ham license. It's fun for some ... fine, have fun ... it's a stupid, boring, distasteful waste of time for many ... that should NOT disqualify them from being hams ... there's a lot more to being a ham than worshiping antiques ...

Carl - wa6vse
carl@ais.net

3846. Swap Meet Hudsonville MI.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: Donf@cris.com
Message-ID: <52ci7r$m69@herald.concentric.net>
Source record: 216067

THE GRAND RAPIDS AMATEUR RADIO ASSOCIATION
Presents

SUPER SWAP '96
Saturday, Sept. 28, 1996
At Unity Cristian High School in Hudsonville, MI

Seller setup at 6AM, General entry at 8AM.

Buy and sell new and used Amateur and Computer
equipment and Software. Pick up that bargain
you have been waiting for. Sell or trade that
equipment that is just laying around the shack.

Tickets are $4 in advance 5$ at the door. Tables
are $8 each. Make sure to reserve yours, they are
selling fast.

Directions: Unity Christian High School is located at
3487 Oak St. in Hudsonville, MI. From M-21 (Chicago Dr.)
Head north at 32nd Ave, Turn left to Oak St. From
I-196, use Exit 62 at 32nd Ave, Go 1.4 Miles to Oak St.
and turn left to the school.

Talk In 147.260 & 444.4 CTCSS 94.8 The W8DC Repeater

For advance tickets or table reservation contact,
GRARA, C/O SuperSwap '96, PO Box 1248,
Grand Rapids, MI 49501 or
Call Dave Devos at 616-698-7022

3847. VHF DX Opportunity

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: Mark Gingrich <grinch@rahul.net>
Message-ID: <52cktd$a6m@bug.rahul.net>
Source record: 216068
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.space,rec.radio.amateur.misc

On Thursday morning, 26 September, around 8:12 a.m. EDT (12:12 UTC), the Space Shuttle Atlantis (STS-79) is expected to touch down at Kennedy Space Center. About 25 minutes prior to landing, as it crosses the coast of British Columbia, the orbiter will experience sufficient atmospheric friction to create an ionized wake, a condition persisting for nearly fifteen minutes as the craft streaks like a meteor over the southern extremes of Alberta and Saskatchewan, through central North Dakota, and buzzes the cities of Minneapolis, Madison, Chicago, and Cincinnati.

DXers working VHF frequencies -- TV, FM, 2-meter, and 6-meter ham bands -- who reside within a thousand miles of all but the easternmost re-entry track will have a rare opportunity: the Shuttle-generated plasma trail may enhance reception of over-the-horizon signals, much like meteor scatter. Meteors, known to be just pea-gravel-sized flotsam colliding at high speed with Earth's atmosphere, create narrow ionized columns for a few seconds; in contrast, the near-airliner-sized Shuttle should cut a much larger plasma swath over an interval of minutes. Such temporary plasmas redirect very-high-frequency radio signals over the horizon, whereas reception usually is limited to line-of-site distances from the transmitter. Shuttle plasma effects may persist for as long as a few minutes.

DXers should tune to a known distant station in the general direction of the Shuttle's re-entry track -- that is, if you are south of the track, try for a northerly station, on an unoccupied, interference-free frequency in your area. The following Web site may assist you in finding candidate U.S. FM stations, their frequencies, and transmitter power:

http://www.airwaves.com/fmdb.html

- Re-entry Time Line -

If the re-entry goes as planned, the time line is as follows:

Event Time UTC EDT CDT MDT PDT

Arrives British Columbia 11:48 7:48 6:48 5:48 4:48

Overflies Calgary, Alberta 11:51 7:51 6:51 5:51 4:51

Overflies Fargo, ND 11:54 7:54 6:54 5:54 4:54

Overflies Chicago, IL 11:57 7:57 6:57 5:57 4:57

Overflies Cincinnati, OH 11:58 7:58 6:58 5:58 4:58

KSC Touch down 12:12 8:12 7:12 6:12 5:12

More detailed predictions (containing "look angles" at best visibility
for various locales) are available at the end of the document found at:

http://shuttle.nasa.gov/sts-79/orbit/orbiter/sighting/sighting.html

Note that only observers west of Minnesota will have a decent chance
at visually sighting the Shuttle, due to lessened interference from
sunlight/twilight. The sonic boom, however, may be detectable to
everyone in the vicinity of the re-entry track; be aware that it occurs
a few minutes *after* the Shuttle's closest approach to your location.

- Last-Minute Sources of Information -

Weather conditions at Kennedy may cause last-minute postponement of
the landing. The following Web site provides weather status:

http://www.ksc.nasa.gov/weather/weather.html

Last-minute information about the Shuttle's re-entry/landing status
is available at:

http://shuttle.nasa.gov/

Also, last-minute schedule changes are usually reported on the hourly
national news (e.g., CBS Radio affiliate stations, CNN, etc.) and on
NASA TV.

I would be especially interested in receiving successful (or even un-
successful) reports of DX catches made possible by Shuttle plasma scatter.

Good luck!

--
~~~~~~
Mark Gingrich grinch@rahul.net San Leandro, California
~~~~~~

3848. Re: 2m Wide Open in Florida

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: mulveyr@ll.aa2ys.ampr.org
Message-ID: <slrn54jm7q.cfi.mulveyr@ll.aa2ys.ampr.org>
Source record: 216069

On Wed, 25 Sep 1996 13:44:57 GMT, Jim Kehler <pacrimgolf@kuentos.guam.net> wrote:
>>As of 10:45AM EDT, the band is STILL up. This one may last for a couple
>>of days!
>
>>-Drew in Sunny Central Florida-
>
>Wow. 200 miles. That's DEEEE-X. Imagine what you could do with a real radio
>and a fourty meter dipole........
>
>

Come on Jim, that was a cheap shot. Working a repeater 200 miles
away with 5 watts to a dipole would be enough to make me happy, and I
do spend all of the rest of my time on 40 and 30M. There's no
reason to pick on someone just because they happen to be enjoying
their hobby.

- Rich

--
My mailer has the unfortunate tendency to bounce 10,000 copies of any
junk mail I receive back to the sender. Be warned.

3849. Re: cheap QSL cards

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <52cjtv$iig@jupiter.planet.net>
Source record: 216070

> charles1@netcom13.netcom.com says:
>
> >After talking to Kinko's, I'm quit shocked what they want to make 3X5
> >QSL cards. A mininum of 100 at 41 cents EACH! Price drops to 18 cents
> >each for 1000 ... thats $181!
>
> >I bought some heavy duty paper, but dread cutting out these things.
>
> >Any Ideas?

if you get QST look in the back at the ads. There are dozens
of QSL card printers.

I get 1000 for about $25US. Nothing fancy
The fancy ones from WX9X run me about $50US for 1000

good luck

steve KF2TI

3850. Re: Vanity calls -- someone else eats my pie?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: Arlan Levitan <arlan@worldnet.att.net>
Message-ID: <01bbab50$6b753f40$67c445c7@Worldnet.worldnet.att.net>
Source record: 216071

Gene Shablygin <Gene@jetisi.com> wrote in article
<3249B8F7.2068@jetisi.com>...
> posts the files containing all the issued licenses daily. I just picked
> the file tue.zip -- it was there...

Gene,

Thanks for the URL...I took a look at it myself. Looks to me like the 610V for W7AA was entered into the system on 9/20/96, clearly under the previous gate. No sign of any real volume of 1x2 or 2x1 activity in the Tuesday file by my reckoning.

I don't know how carefully the FCC has checked for eligibilty under the previous gates...I've noticed a handful of call assignments for "cool calls" that looked suspect to me, but I'm not going to get my nose out of joint for something as silly as all this. If someone is nuts enough to risk revocation of their license by making fraudulent statements on a 610V they probably spend more time in rec.fun.lobotomy than here.

Want some more goofy news? There's no official payment deadline for those who fill out the online 610V. This is beginning to take on the overtones of a good Kafka novel (or in deference to you, Ionesco (grin)).

God, I just love show business!

Waiting for Godot, or the first calls assigned under Gate 2A
Arlan KG8OW

3851. Re: Cheapest way to make up QSL cards?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: n1ist@netcom.com
Message-ID: <n1istDyBIxs.KBL@netcom.com>
Source record: 216072

In article <charles1DyB6M9.IG3@netcom.com> charles1@netcom.com (charles copeland) writes:
-I bought some heavy duty paper, but dread cutting out these things.

Thats what I do. Laser (or inkjet) print 4 on a page, and use a paper
shear to cut them up. I use a flashlight under the page to site the
edge when I cut it. It's not too hard, and that way I can custom print
each card (my logbook fills out the data, then I hand sign and add a
note to each). At least it won't cost extra to reprint cards if my gate 2
change makes it in...
73,
/mike
--
\|/ Michael L. Ardai N1IST n1ist@netcom.com \|/
-*- === Boston Amateur Radio Club: http://www.barc.org/barc === -*-
/|\ or send "info barc-list" to listserv@majordomonetcom.com /|\

3852. Re: Vanity calls -- someone else eats my pie?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: prvalko@vela.acs.oakland.edu
Message-ID: <52crkg$6bm@news2.acs.oakland.edu>
Source record: 216073

Arlan Levitan (arlan@worldnet.att.net) wrote:

: Gene,

: Just curious....how did WB7PJM find out he got W7AA? I can't find any web
: callsign servers that contain that transaction. Did he call the FCC and
: ask?

You have to look a little harder Arlan :-) I found it. I would lay
money on W7AA was assigned as a gate 1 call, though. It just happened
to have been processed on 9/24.

73 =paul= wb8zjl (for a few weeks)

3853. Re: Cheapest way to make up QSL cards?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: bdbennet@ix.netcom.com
Message-ID: <52ctl4$hou@dfw-ixnews4.ix.netcom.com>
Source record: 216074

Check the back of "73" or "QST" or "CQ" there are all kinds of places
that do QSL cards and there are all kinds of prices. Many print shops
also don't do well with the qso info box. Places set up to do QSL
cards do a super job and you know your getting a QSL card, not a 3x5
card that you may be embarrassed to send out.

Bob - kg0rj
In <charles1DyB6M9.IG3@netcom.com> charles1@netcom.com (charles
copeland) writes:
>
>After talking to Kinko's, I'm quit shocked what they want to make 3X5
>QSL cards. A mininum of 100 at 41 cents EACH! Price drops to 18 cents
>each for 1000 ... thats $181!
>
>I bought some heavy duty paper, but dread cutting out these things.
>
>Any Ideas?
>

3854. Re: Need help understanding tower lighting

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: bdbennet@ix.netcom.com
Message-ID: <52ctvo$5ri@sjx-ixn6.ix.netcom.com>
Source record: 216075

Scott, first of all contact the local Federal Aviation Agency and the local FCC office. Anything less then 100% correct info and you could be asking for trouble. If your a ham operator, didn't you have some test questions on this subject???

In <52cg4r$8ao@hptemp1.cc.umr.edu> sidener@halley.cc.umr.edu (Scott Sidener) writes:
>
>Hi, I am about to put up a 100 foot freestanding tower on my property.
>
>There currently is a commercial tower the same hight only 1 mile from
>where I live and it has red flashing lights half way up and on top.
>
>First, I was wondering what the different light configurations on towers
>mean? Sometimes you see red lights (solid or blinking) or white lights
>(solid or blinking) sometimes all of the lights on a tower are the same
>color and sometimes they alternate. Sometimes the towers are painted red
>and white and other times they are not.
>
>Can anyone give me the rhyme or reason for this?
>
>Secondly, Do I have to put lights on my tower?
>
>Any help would be appreciated.
>
>Thanks,
>
>Scott Sidener

3855. Re: do we build? was(re: arrl survey ignores 7 of 8 wrc-99 issues!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: mjsilva@ix.netcom.com
Message-ID: <52d18c$ktl@dfw-ixnews3.ix.netcom.com>
Source record: 216076
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew

In <52bhuc$1q4k@info4.rus.uni-stuttgart.de>
moritz@ipers1.e-technik.uni-stuttgart.de () writes:

<... What do you call nailing a tube
>to a breadboard...>

A bad waste of a good tube?

73,
Mike, KK6GM

3856. Re: 2m Wide Open in Florida

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <52d4j3$g2u@lehi.kuentos.guam.net>
Source record: 216077

mulveyr@ll.aa2ys.ampr.org (Rich & Katy Mulvey) wrote:

>On Wed, 25 Sep 1996 13:44:57 GMT, Jim Kehler <pacrimgolf@kuentos.guam.net> wrote:
>>>As of 10:45AM EDT, the band is STILL up. This one may last for a couple
>>>of days!
>>
>>>-Drew in Sunny Central Florida-
>>
>>Wow. 200 miles. That's DEEEE-X. Imagine what you could do with a real radio
>>and a fourty meter dipole........
>>
>>

> Come on Jim, that was a cheap shot. Working a repeater 200 miles
>away with 5 watts to a dipole would be enough to make me happy, and I
>*do* spend all of the rest of my time on 40 and 30M. There's no
>reason to pick on someone just because they happen to be enjoying
>their hobby.

>- Rich

Drew isn't someone. He's Drew. He lives for cheap shots. It's the only
attention he gets.....

73, Jim KH2D

3857. Re: Travel with toys (electronics)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: jamoran@indirect.com
Message-ID: <52d0il$ipj@globe.indirect.com>
Source record: 216078
Cross-posted to: rec.travel.air,alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc,rec.aviation.piloting

Contrary to the statement that follows....Scanners Emit very LITTLE RFI (Radio Frequency Interferance) when you compare them to the RFI emitted by computers....this computer I am working on here is VERY Noisy...I can sit the scanner next to it or near it..in the same room or in some cases, an adjacent room and hear processor noise. The processor noise varries in frequency and amplitude depending on what the processor is currently doing. Aircraft communications and beacons are AM modulated.....RFI Noise is much more of a problem on Amplitude Modulation (AM) than it is on Frequency Modulation (FM) frequencies.

I too have had security agents stop me and look at my toys..either the Shortwave. Scanner, or my newest, a Thermometer/hygrometer..or temperature/humidity pen....This gadget fits in my pocket and I frequently carry it with me!

having hi-tech toys has never really been a problem on Domestic US flights..just turn on the radio or the laptop..if the radio is in a briefcase..no one ever says anything...only hapened to me once...Why did my Sony-2010 have 2 sets of batteries....had to explain one set was for the radio and the other was for the memory, computer, and clock....

International airports, can be a different animal...they may want to sniff each device, scanner, radio, tape player, camera,,etc for nitrates..this won't get everything but it's a way of screening out commonly used or easily detectable explosives.

you can use a scanner on an aircraft without any adverse effects!!

James Garner (data@laraby.tiac.net) wrote:
: Jim Wolper (wolpjame@cwis.isu.edu) wrote:

: : DO NOT listen to your scanner in flight. A recent report documented
: : 33 cases of consumer electronics interfering with flight or navigation
: : instruments; you can read about it in recent issues of IEEE Spectrum
: : and Aviation Week.

: Correct.

: Even if you don't care about a plane crashing, or the slight
: chance (no matter how slight) of interference, remember that YOU ARE ON
: THAT PLANE, and wouldn't you feel really silly knowing that you are
: responsible for a crash (even for a millisecond, just before impact)?

3858. Re: CB linear amps 4 Sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: n7zzt@goodnet.com
Message-ID: <52c9sp$1r8u@news.goodnet.com>
Source record: 216079
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.cb,rec.radio.swap,rec.radio.amateur.misc,alt.2600

Larry Shilkoff <shilkoff@ix.netcom.com> wrote:

>B. swanson wrote:
>>
>> if you don't get caught it is not a crime.
>>

>And people wonder why our social norms appear to be declining.
Sound like the signes of the times to me. Anyone should realize that possession of a thing that is defined as illegal is a crime, whether or not you get caught.

Those who make the point about not getting caught, therefor not having committed a crime, are in the wrong. Eventually, they will slip up and get caught.

3859. INFO WTD: Hooking computer directly to HT

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: ctrown@ecst.csuchico.edu
Message-ID: <52d1mp$k4k@charnel.ecst.csuchico.edu>
Source record: 216080

I'm hoping that someone can give me some pointers. Maybe you've done something like this yourself.

I want to hook up a radio to my computer and get a digital representation of this analog signal. I'm looking to get white noise that I can then use to generate random numbers and then do some analysis on the results.

I was thinking along the lines of hooking up my HT to a A to D board to get this. Being more of a systems software engineer and not an electrical engineer, I'm not up on what I need to be aware of doing something like this.

Does anyone have any suggestions on where to look for information on this? Any experiences?

How 'bout reccomendations on 8 or 12 bit A to D cards?

Hmmm... Maybe I should think about using a good sound card connected to the Mic-out of my radio?

Thanking you in advance.

Chris...

--

+ Chris Trown + CSRV Monkey Suit | Fly low +
+ ctrown@ecst.csuchico.edu + worn under | and avoid +
+ KD6EVS | '92 CBR600F2 + PROTEST! | the radar +

3860. Re: Vanity calls -- someone else eats my pie?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: mc@shore.net
Message-ID: <52db50$mdi@northshore.shore.net>
Source record: 216081

Anyone know how to decipher tha gibberish that can be downloaded from the
FCC web site?

73,

Michael Crestohl, KH6KD/W1 (W1??)
mc@shore.net

3861. Macintosh Ham Radio Software List

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: john@wd1v.mv.com
Message-ID: <john-2609960452030001@wd1v.mv.com>
Source record: 216082

On my home page or send me an email requesting same. Its about
a 40 K text file and up to date.

73,

John D. Seney
http://www.mv.com/ipusers/wd1v

3862. Re: Vanity calls -- someone else eats my pie?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: KJ4WH <grpowell@gate.net>
Message-ID: <324A5327.12FB@gate.net>
Source record: 216083

Michael Crestohl wrote:
>
> Anyone know how to decipher tha gibberish that can be downloaded from the
> FCC web site?

Michael,

If you remove the wp.html off the end of the FCC URL you get a higher level folder. In it is a document called readme.txt. It has the table definitions.

Good Luck.

Gary KJ4WH (until Gate 2 is processed)
Lakeland, Fl.

3863. Re: Morse Code again (was Re: re: do we build? was(re: arrl survey ignores 7 of 8 wrc-99 issues!)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: jjm@mdc.net
Message-ID: <52dqss$46l@namesrv.mdc.net>
Source record: 216084

carl@ais.net wrote:

>In <529qh9$qtl@namesrv.mdc.net>, jjm@mdc.net (Jim Martin, WK1V) writes:
>>
>>Well folks the results are in! After observing the stats of the
>>downloaded FCC database with which Microsoft Access, Foxpro,
>>etc...were used we now know that 78%.....I say again 78% of the U.S.
>>Amateur Radio operator population is of the coded variety.

>There are a hell of a lot of us with-code licensed hams who think the
>code test has long since outseen any semblance of usefulness and lapsed
>into being nothing but a hindrance ...

Sorry but I'm not one of them.

>>Only 22%
>>of the hams are no code technicians. That is 1/5th. I think the
>>numbers of no-coders will have to grow for there to a significant
>>impact here.
>>

>See the above ...

>>Now, realistically not everyone of that 78% is active...but I bet
>>neither is the entire 22% of the uncoded population.
>>

>Yup, quite a few of that 78% are, in fact, quite dead ... another
>good-sized batch are inactive for less serious reasons ...

Granted many are sk but I doubt it is that large a percentage.

>but I'll bet that a very large percentage of the 1/5 who are no-code
>techs are still quite active ... and would like very much to get on
>"your" HF bands ... we clearly should let them ...

I bet you'd be surprised if any stats could be extracted for that.
Just in my area alone I know of many who obained their tech license
"because it was the thing to do" and now have nothing to do with
amateur radio whatsoever. There is probably no way to ever come up
with real numbers for that but I'd be willing to bet nationwide there
are quite a few -- in addition to the sk's in this category.

>>What say ye naysayers about that?
>>

>That's what "we naysayers" say ...

I hear ya. :) As far as my opinion on the code issue, it's about
60/40 in favor of keeping the code.

>73,
>Carl - wa6vse
>carl@ais.net

==========

cheers! Jim Martin, wk1v
Lowell, Mass, U.S.A.
http://www.shore.net/~jjmartin/jjm.htm

3864. Re: CB linear amps 4 Sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: barry@indirect.com
Message-ID: <52cqua$1ana@news.goodnet.com>
Source record: 216085

>
The FCC does check these postings. I had mentioned this post to my clubs interference committee chairman, Lance, and he contacted the FCC. This is the anser her received from the FCC

> Here is the response I got from my FCC contact about selling 11
>meter external amps.
>
>Lance
>----------
>Lance
>
>tell you friend it's illegal to inport, manufacture, and/or sell any device
that
>inceases the power out of a cb transmitter (see part 2.815 of the FCC
>rules effective 1978).
>
>We bust sellers all the time. Any information on the person placing the ad
>on the internet send to June, we'll do everything we can to bust the
>turkey.
>
>Thanks Lance
>
>Steve>

Lance has some good contact at the FCC. He is responsible for solving two interference cases recently. One was issued a NAL for $6000 and three other people were arrested in a seperate incident. The full story is on our clubs home page http://www.indirect.com/www/ara

>
>Still think unlicensed people should be able to buy transmitters??????
>
>DT AC6TG
>
>

3865. Re: cheap QSL cards

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: psoper@encore.com
Message-ID: <DyCAo0.2Fq@encore.com>
Source record: 216086

adell@planet.net (Steve - KF2TI) Landing, NJ writes:

>> >I bought some heavy duty paper, but dread cutting out these things.
>>
>> >Any Ideas?

I take a master sheet with two QSLs on it (made with PC drawing pkg) to Office Max and have them copy it to their heaviest colored card stock. Rotate colors so I can keep track of the "old" cards.

They have a paper cutter that I'm free to use and this will properly cut 4-5 sheets at a time. Takes a while to make a lot, but the cost comes out to a few cents a card. They have a machine cutter and with one batch they cut my cards for almost nothing extra. But it was more work than they thought and they wised up for the next batch and charged much more. So it's back to manual cutting in the future.

Can anybody recommend a source of mailing labels suitable for a laser printer and CT combination?

Regards,
Pete
KS4XG

3866. Re: CB linear amps 4 Sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: "Brian E. Oakley" <boakley@imagin.net>
Message-ID: <324A7819.538A@imagin.net>
Source record: 216087
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.cb,rec.radio.swap,rec.radio.amateur.misc,alt.2600

```
Anthony S. Pelliccio wrote:
>
> In article <32496ACD.2520@ix.netcom.com>,
> Larry Shilkoff <shilkoff@ix.netcom.com> wrote:
> >B. swanson wrote:
> >>
> >> if you don't get caught it is not a crime.
> >>
> >
> >And people wonder why our social norms appear to be declining.
>
> Goes along with my theory about traffic lights after midnight. I apply
> the "If a tree falls in the woods and there's nobody there to hear it
> fall, does it make a sound?" principle. By that I mean, if it's after
> midnight and there's nobody else around (most importantly there's not a
> cop nearby), and you run the light, does anyone see you run the light?
>
> Tony
>
> --
> == Tony Pelliccio, KD1NR
> == As offensive as I wanna be.
> == kd1nr@anomaly.ideamation.com

No, no one see you, but you still ran it.
--
**************************************************
* Brian Oakley http://www.imagin.net/~boakley *
* *
* WB5KXW@imagin.net *
**************************************************
```

3867. Re: HELP

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: sscherme@capecod.net
Message-ID: <52e0np$9ko@dublin.bitwise.net>
Source record: 216088

KC8DZH@aol.COM wrote:

>HELP

Hope this does.

73

Skid Schermerhorn http://www.capecod.net/~sscherme
Cape Cod, Massachusetts http://www.capecod.net/~sscherme/bookmark.htm
USA http://www.capecod.net/~sscherme/church.htm

3868. Re: Cheapest way to make up QSL cards?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: jonz@rainbow.rmii.com
Message-ID: <52e2b0$7n1@rainbow.rmii.com>
Source record: 216089

Michael L. Ardai (n1ist@netcom.com) wrote:
: In article <charles1DyB6M9.IG3@netcom.com> charles1@netcom.com (charles copeland)
writes:
: -I bought some heavy duty paper, but dread cutting out these things.

: Thats what I do. Laser (or inkjet) print 4 on a page, and use a paper
: shear to cut them up. I use a flashlight under the page to site the
: edge when I cut it. It's not too hard, and that way I can custom print
: each card (my logbook fills out the data, then I hand sign and add a
: note to each). At least it won't cost extra to reprint cards if my gate 2
: change makes it in...

As well, that's what I do. I found some 60 lb paper at Office Depot
(or was it Office Wharehouse?, or Office Express?, or Office Base?,
or Office Max? <g>) and it came in several colors. It runs thru
my HP LJIII quite well. (I do not believe the convoluted paper path in
an HP LJ4 would do it.) You DO NOT want the paper that's as heavy
as manila file folders! I make up groups of cards (2x2 on a sheet)
for specific applications (Century Club, OMISS, 2mtr mobile simplex,
6mtr SSB) -- because it's so easy.

I chop mine up with a paper cutter, too. Find a Really Big One --
it'll be soooo much easier. With a Really Big One, you can cut
2-3 sheets at a time.

Send me an sase and I'll send you a couple of samples.

--
73
Jonesy W3DHJ
snail mail: 81230-1371
jonz@rmii.com

__
SK

3869. Re: 2m Wide Open in Florida

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: cgreenha@magnus.acs.ohio-state.edu
Message-ID: <cgreenha.712.324A8D51@magnus.acs.ohio-state.edu>
Source record: 216090

In article <52c90a$1sj6@usenetw1.news.prodigy.com> VUBS79A@prodigy.com (Drew Durigan) writes:

>Oh, excuse me! I didn't realize we were comparing apples to oranges here.
> And here I thought 200 miles was pretty good for 5 watts on 2 meters
>into a HOMEMADE antenna which cost me a total of ZERO to build and
>install.

But didnt you say you were working through a repeater?

It should be noted that it is generally NOT good practice to work VHF\UHF repeaters when the band is up (DX). One ends up opening every repeater on that freq for hundreds of miles.

>Jerk.

Ill bet there are others calling YOU this childish name, after YOU opened up 15 different repeaters, at the same time.

>-Drew in Sunny Central Florida-
> KF4DDM

Take care.

Christopher K. Greenhalgh, N8WCT
Computer/Electronic Tech. II at The Ohio State University
E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

3870. Cheap Hams

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <52e210$tki@usenetw1.news.prodigy.com>
Source record: 216091

Found this over on rec.radio.swap. Have fun!

ltrradio@aol.com (LTRRadio) wrote:
>
>Why is it that every time a ham comes into the two way shop, we start
>missing parts ? Yes I know that there are good and bad hams, but why do
>hams enjoy rummageing thru the debris box, and then leaving a mess in
the
>parking lot? Its because the Hams that had morals and respect for others,

>have all gone the way of hams building, designing and repairing their
own
>equipment. Todays hams are so stupid that they have to come to a two
way
>shop and have an antenna connector put on, or an antenna tested? I
thought
>that was the purpose of being a ham was to enjoy and understand the
hobby?
>Todays hams are worse then CBers, they might as well call themselves
>CBers. For fun listen to some of the conversation on their
>repeaters...they have nothing to talk about since they don't know any
>technology, so they can't discuss building or repairing equipment..they
>have nothing to talk other then what CBers do...BS
>And as far as cheap, there not cheap, they are plain dishonest. They
>steal commercial equipment from sites, and equipment from other shops....

3871. Re: Travel with toys (electronics)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: jonz@rainbow.rmii.com
Message-ID: <52e2s3$7n1@rainbow.rmii.com>
Source record: 216092
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.misc

Peter Gottlieb (peter_gottlieb@msn.com) wrote:
: A few times I traveled on business (construction) and my associates
: and I carried portables.
: Security just looked at them (remember that they had to
: manually carry them around the metal detector gate) and didn't even
: ask, ever, not even once, for us to demonstrate their functionality.

: I would have certainly felt better if they at least told us to
: make sure to not use them on the plane!

They probably knew you were sitting together and could talk to
each other without them... <g>

--
73
Jonesy W3DHJ

--
SK

3872. Re: CB linear amps 4 Sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: dnorris@k7no.com
Message-ID: <324a9645.1199520@news.syspac.com>
Source record: 216093
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.cb,rec.radio.swap,rec.radio.amateur.misc,alt.2600

kd1nr@anomaly.ideamation.com (Anthony S. Pelliccio) wrote:

>In article <32496ACD.2520@ix.netcom.com>,
>Larry Shilkoff <shilkoff@ix.netcom.com> wrote:
>>B. swanson wrote:
>>>
>>> if you don't get caught it is not a crime.
>>>
>>
>>And people wonder why our social norms appear to be declining.
>
>
>Goes along with my theory about traffic lights after midnight. I apply
>the "If a tree falls in the woods and there's nobody there to hear it
>fall, does it make a sound?" principle. By that I mean, if it's after
>midnight and there's nobody else around (most importantly there's not a
>cop nearby), and you run the light, does anyone see you run the light?
>
>Tony
>
>--
>== Tony Pelliccio, KD1NR
>== As offensive as I wanna be.
>== kd1nr@anomaly.ideamation.com

I make a scad of money $$$$$$$$$$$$$$$$$$$ from people who believe
just as you do.

Judge- How do you plead to the charge of running the stop sign?

Jerk (ooops,... Defendant)- I didn't see anyone around!

Cop- I saw you.

Judge- Guilty

Me- That'll be $500.

Jerk- But I didn't see anyone!

3873. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep26.134934.23952@ke4zv.atl.ga.us>
Source record: 216094
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <525i9h$489@tron.sci.fi> keinanen@sci.fi (Paul Kein&#65533;nen) writes:
>gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>>No, AX25 serves a real purpose. It forms the MAC (Media Access Control)
>>layer for the upper layers. Here are some of the things it does.
>
>>1) It provides the CS part of CSMA by holding off transmission when
>> another carrier is sensed on the channel.
>
>The attempt to emulate the CSMA/CD of Ethernet does not work very well
>in practice. The CD (Collision Detect) is not even attempted due to
>simplex radios. In Ethernet, the collision is immediately detected and
>the random wait can start immediately. In AX.25, you have to wait for
>the timeout of the missing Ack. The CS (Carrier Sense) part does not
>work very well due to the hidden transmitter problem, thus, the access
>control part falls apart very badly. I tried to introduce some simple
>questions about the hidden transmitter problem into the Novice and
>Communicator class question pool, which is under construction here in
>Finland, but the questions were rejected as too complicated :-)

The CS part works just fine if you deal with the hidden transmitter
problem, *which you should*. The easiest topology to do that is a
digital repeater for the LAN. CD will even work if the users are
duplex too, though that isn't the usual case. CD is nice, but it
isn't nearly as important as CS. And you can make CS work. Trunks
between LANs should be engineered to be non-contending, so the
problem doesn't even arise there.

>>2) It provides the leading flags needed to synchronize the HDLC clocks.
>
>>3) It provides the Txd to handle transmitter and receiver settling times.
>
>The Txd and the lack of real collision detect drastically drops the
>throughput of a channel.

Txd and flags are needed on any shared channel. There's no way to keep
the HDLC clocks of a group of stations synchronized to each other tightly
enough to not require a burst of flags at the start of a particular
station's transmission to regain synchronization at the receiving station.
And on any shared channel, transmitters have to be turned on and off in
order to allow other stations to use the channel. That implies a settling
time at key up which the protocol must allow for by delaying start of
data transmission. CD is not essential if the network properly allows
CS. The window of vulnerability to collisions is narrowed dramatically
in a properly engineered network which allows CS to work, and which

employ's the p-persist mechanism to reduce to negligible the chance
of repeated collisions in those relatively rare cases where two stations
key up at exactly the same time.

>>4) It provides a way to avoid repeated collisions through its p-persist
>> and slottime parameters.
>
>If all stations could hear each other.

If they can't, *FIX THE PROBLEM*! If you have an RF problem, fix *IT*!
Don't go off and fix something else which isn't broken. The packet
protocol is intended to allow sharing of an RF channel, but it is
not intended to compensate for poor RF path engineering.

If you have a hidden transmitter on your LAN, find the offending HT,
take it to a crossroads at midnight, and drive a wooden stake through
its black heart.

Or alternatively, if you can't rid the channel of idiots inappropriately
trying to use HTs for packet, then install a digital repeater so that
they *can* be heard by all the other stations on the LAN anyway.

This is an RF engineering issue, no different from the one voice users
face, and the proper way to solve it is the same way voice users do.
If you must run simplex, require stations to be adequate to actually
be heard by all the other stations. Otherwise, put in a repeater so that
they can be heard anyway. It's that simple.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3874. Re: Boatanchors newsgroup

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: mc@shore.net
Message-ID: <52e8vo$5c6@northshore.shore.net>
Source record: 216095

In article <52ccdd$95v@anchor.cis.att.com>,
Richard E Stealey <res@cmprime.cis.att.com> wrote:
>Reminder - there is a Call for Votes for a new newsgroup:
>rec.radio.amateur.boatanchors
>
>Please read the message CFV: rec.radio.amateur.boatanchors in
>news.groups on your system.
>It contains a copy of the proposal and instructions on how to vote.
>The mesage may also be in this newsgroup, depending on how long
>articles are retained on your server.
>
>If you would like a copy e-mailed to you, let me know at
>rstealey@attmail.com
>
>Rick KT2Q

This is a good opportunity for you to learn how a USENET newsgroup is created. The proposed newsgroup is voted upon and if successful is created. Please read the CFV (Call For Votes) and cast your vote. They are all important.

73,

Michael Crestohl, KH6KD/W1
mc@shore.net

3875. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: little@pecan.enet.dec.com
Message-ID: <52ea5r$vmp@usenet.pa.dec.com>
Source record: 216096
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <52c4ij$3oc@anomaly.ideamation.com>
kd1hz@anomaly.ideamation.com (Michael P. Deignan) wrote:

> In article <52bgl9$es6@jupiter.planet.net>,
> Bill Sohl <billsohl@planet.net> wrote:
>
>>If you are new o this news group, please note
>>that this comment is voiced by a pro-code
>>advocate. There is literally no support for
>>any elimination of theory testing by those of
>>us on the no-code side of the debate.
>
> Red Herring Alert!
>
> In case you hadn't noticed, the logic applied by the anti-code-test
> crowd can as easily be applied to theory examinations as well. The
> fact that someone hasn't done it yet is irrelevant (although I think
> there was someone a year ago who was calling for abolition of theory
> exams too.)

Please demonstrate this logic and make a case for it if you believe
such a case can be made. Please explain how the FCC will be
upholding its responsibility to the U.S. citizens to prevent
interference from amateurs that build their own gear if the
amateur in question is completely incompetent with respect to
understanding how his creation works? This is the question
that neither Vince nor his buddy Leyshon can answer. The theory
examinations are *directly* related to the privileges granted and
the responsibility the FCC has to the public. The Morse Code
exams on the other hand have no such relationship.

73,
Todd
N9MWB

3876. Re: Cheap Hams

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <52e8pd$pfd@freenet-news.carleton.ca>
Source record: 216097

Drew Durigan (VUBS79A@prodigy.com) writes:

> Found this over on rec.radio.swap. Have fun!

====== snip ======

> hobby?
>>Todays hams are worse then CBers, they might as well call themselves
>>CBers. For fun listen to some of the conversation on their
>>repeaters...they have nothing to talk about since they don't know any
>>technology, so they can't discuss building or repairing equipment..they
>>have nothing to talk other then what CBers do...BS
>>And as far as cheap, there not cheap, they are plain dishonest. They
>>steal commercial equipment from sites, and equipment from other shops....

So what Drew? I can go to any .anarchist, .supremicist news groups and
find the same prejudicial, blanket garbage.

Why spread another's propoganda? Perhaps justify one's own groundless
beliefs? Come on Drew, you can do better.
--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

3877. Re: Question about the sequential callsign system

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: "Paul R. Valko" <prvalko@saturn.acs.oakland.edu>
Message-ID: <Pine.OSF.3.91.960926131317.2318A-100000@saturn.acs.oakland.edu>
Source record: 216098

On Thu, 26 Sep 1996 jgarver@ichips.intel.com wrote:

> I think your odds calculations are about right but won't it get postmarked
> on Sept. 21 if you mailed it Saturday? Oh, maybe FedEx doesn't work that
> way.

There is no "postmark." The Mellon bank is stamping the application with
the arrival date. I mailed mine Friday, FedEx, and it got to the lockbox
supervisor at 9:30am. Not that it matters, I believe that the bank
tosses all the applications in a bag and ships them over to Gettysburg.

73 es good luck to all, but mostly to me :-)

=paul= wb8zjl <===== watch this space!

3878. Re: the final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep26.163121.24625@ke4zv.atl.ga.us>
Source record: 216099
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <51l7ed$jdp@lehi.kuentos.guam.net> pacrimgolf@kuentos.guam.net writes:
>carl@ais.net wrote:
>>I'm sorry Sir, by you obviously:
>
>>a) have not read/understood the numerous factual presentations which
>> clearly prove the above assertion to be false, no matter how many
>> times you say it and click your heels together ...
>
>I haven't read any 'factual presentations' either, Carl. I have read a lot
>of opinions. If you have an opinion, and you type it enuff times, does that
>change it to a 'factual presentation' ? Maybe in your book, but not in mine.

Then try this book: _Digital Modulation and Coding_ by Stephen Wilson.

Dr. Wilson will lead you from the crudest modulation, OOK, on up to
the more modern modulations Carl has been describing. And he covers
codes from the crude Morse to modern trellis and block codes. Quite
unique among graduate level textbooks in this field, this book takes
you from a clear and lucid theoretical analysis of information theoretic
signal spaces to the various forms of modulation and coding which implement
them, and details the various strengths and weaknesses of the techniques.
The book also includes real world examples of their application.

If you still doubt after reading this book, I can list dozens more
titles for you to pursue, starting with the classic Shannon and
ending with a dose of Vitterli's wavelets.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3879. Re: Travel with toys (electronics)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: transvox@crl.com
Message-ID: <52efop$898@crl.crl.com>
Source record: 216100
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

Andy (andy@buffnet.net) had written:
| I never have had my radio toys checked, but once a CATV converter
| was checked.

I've been pretty lucky with my radio gear and tape recorders over the
years when going through airport security. The only time I have run into
a problem was when I had packed a Hallmark Keepsakes Star Trek ornament with
a talking chip in my garment bag. That was at Chicago Midway, and
the security guy opened up the box when the X-ray showed a big metal
object. When he saw what it was, he started saying "To boldly go where
no man has gone before...." in a W.C. Fields-like voice.
OK, so I guess you had to be there.

Mark

--
=== Mark Roberts, Kansas City, Mo. (USA) | http://www.crl.com/~transvox/ ===
"In a poll conducted last week by the Kansas City Star, 400 respondents were
asked to rank what they believed Kansas City's image is. No clear image
emerged, except that Kansas City 'sort of' fits many categories."(15-Sep-1996)

3880. Morse Academy

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: Bill Henderson <bill.henderson@zetnet.co.uk>
Message-ID: <19960926174129692 78@zetnet.co.uk>
Source record: 216101

Help needed please.

I used to have a copy of Morse Academy but have since lost it. Where
can I get a new copy? I've been trying for ages.

TIA
--
Bill Br of Cally, Perthshire, Scotland
e-mail bill.henderson@zetnet.co.uk
packet GM0VIT@GB7YEW.#79.GBR.EU

3881. Re: exam pool questions

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: Simon Twigger <simont@post.its.mcw.edu>
Message-ID: <324AE7BB.6EB2@post.its.mcw.edu>
Source record: 216102

Paul wrote:
>
> Would the graphics sheets be on line anywhere? No problem pulling
> the questions, but am suprised I'm unable to find the diagrams.....

> Paul
> KF4FCN

Paul,

You can find the graphics on my Amateur Radio Exam practice page at:

http://www.biochem.mcw.edu/Postdocs/Simon/radio/exam.html

along with the question pools and FCC part 97 etc. You can also take
practice exams there too.

You might want to set the preferences for your email application/browser
so that we dont see a newsgroup header like:

From: default (default)
Organization: Your Organization

that way if you have an email address we can reply directly to you,
rather than taking up the space with a post to the newsgroup. :)

Simon. AA9PW/G1SNT
simont@post.its.mcw.edu

3882. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep26.164243.24764@ke4zv.atl.ga.us>
Source record: 216103
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <32402BDD.4DA0@gte.net> Jim Conn <jconn@gte.net> writes:
>
>As one who works day to day with the latest in telecommunications
>technology, I can say with confidence that in a very short time, using
>ADSL technology, voice, video and 1.44 megabit data will be available to
>everyone via their regular copper phone line for a paltry few bucks. We
>are field testing it now. High speed digital communications will become
>so easy and cheap in the next few years, even the most advanced SS HF
>radio amateur modes will be obsolete by comparison of cost/performance.
>Mankind is ready to once again "jump the curve."

Sorry, that leaves Mankind tethered to a wire. As long as Man wants
to roam free of the wire, radio won't be obsolete. It might be slower,
it might cost more, but it won't be obsolete. (Of course individual
radio techniques will become obsolete as they are superceded by better
ones, but radio won't becomes obsolete as long as the alternative is
a wire tether.)

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3883. Grid Location

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: "David S. Bowers" <bowersda@cc.uvsc.edu>
Message-ID: <52ee0j$qnh@park.uvsc.edu>
Source record: 216104

Glancing through the January '96 QST, an article on VHF/UHF contesting gave an internet address of a grid locator program. I tried to open the location, http:/www.mit.edu:8001/geo, and could only get an error message stating the server was not found.... Does anyone know if this location has changed, closed, and/or if someone else now provides the grid location service on the internet. A netsearch only reported a personal ham page that never connected, just sat trying to contact the host for a half an hour (twice).

Any help appreciated.

3884. Re: Cheapest way to make up QSL cards?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-26 00:00:00 UTC
From: bb840@scn.org
Message-ID: <DyCrp8.JHJ@scn.org>
Source record: 216105

In a previous article, charles1@netcom.com (charles copeland) says:

>After talking to Kinko's, I'm quit shocked what they want to make 3X5
>QSL cards. A mininum of 100 at 41 cents EACH! Price drops to 18 cents
>each for 1000 ... thats $181!
>
>I bought some heavy duty paper, but dread cutting out these things.
>
>Any Ideas?
>
The only option I know is cheap only if you already have a computer and laser printer. If you do, you can probably buy post card size card stock (which I think are slightly larger than 3X5) from a local stationary store. I would think you could get 50 or 100 at a reasonable cost. Then print only what you need, and you can change information on the card as needed or when you want something different.

--
Jim Aeschliman bb840@scn.org
Black Diamond, Washington KD7MK

3885. FCC priorities? was: re new call info

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: jbmitch@vt.edu
Message-ID: <52gl75$r89@solaris.cc.vt.edu>
Source record: 215906

In article <52emjt$opo@nadine.teleport.com>, prografx@teleport.com says...
>
>Also "www.qrz.com" carries the daily FCC report,

Having checked both sources mentioned in this thread, I must say it doesn't appear that the Vanity Calls are being processed very expeditiously. It is hard to tell exactly whether a "callsign change" reflects Vanity call, but there appear to be few 1X2 calls being issued, so I must conclude that few are being processed. When I asked the FCC rep at the toll free number about personnel working on Vanity calls, I was told "we have one full-time person assigned to make callsign changes." I mentioned there would probably be at least 5000 applications in Pittsburgh Monday morning. Does anyone know how the FCC will prioritize their work load? All I have heard is "date stamped, no time order", but what about their own internal handling? Also, anyone know of any source to get more information on the processed daily results than the "lantz" and QRZ feeds?

73,
John

3886. CFV boatanchors newsgroup

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: res@cmprime.cis.att.com
Message-ID: <52gn31$i13@anchor.cis.att.com>
Source record: 215907

Several people have asked for details on how to vote on the proposed
new newsgroup. Since the original article has probably
expired off of most servers I am posting it here.
The voting process in going on right now, so read below for instructions
and then please vote.

Rick KT2Q

FIRST CALL FOR VOTES (of 2)
unmoderated group rec.radio.amateur.boatanchors

Newsgroups line:
rec.radio.amateur.boatanchors Vacuum tube-based amateur radio equipment.

Votes must be received by 23:59:59 UTC, 7 Oct 1996.

This vote is being conducted by a neutral third party. Questions
about this proposal should be directed to the proponent.

Proponent: Rick Stealey <rstealey@attmail.com>
Votetaker: Dave Cornejo <dave@dogwood.com>

RATIONALE: rec.radio.amateur.boatanchors

The term "Boatanchors" refers to equipment (more than 25 years old)
used by amateur radio operators ("hams"). The term is used by hams to
describe equipment which they are particularly fond of, usually for
nostalgic reasons. All over the world, in daily conversations on the
air, hams lovingly refer to old gear they are operating as their
"favorite boatanchor rig". Ususally such discussions involve
locating, restoring, collecting, and finding parts for, old ham radio
equipment. A boatanchor may have been home built, military, or once
produced by a manufacturer long since out of business. In order to
have a Usenet forum for similar discussions,
rec.radio.amateur.boatanchors is proposed.

The term "boatanchor" may not, at first, be descriptive to a person
who is not a ham. Every hobby has terms that are specific to that
particular hobby. Baseball has "dugouts", golf has a "wood", and an
"iron", and British cars have "bonnets". Within amateur radio,
working other stations at long distances could never possibly be
referred to as anything other than "DX". It has been that way for 80
years. Low power operating, likewize, is ONLY known as operating QRP.
In a similar manner, old rigs are referred to the world over by hams
as "boatanchors".

There is increasing interest in boatanchor equipment by hams. Currently boatanchor discussions are held in rec.radio.misc. A large variety of specialized topics relating to boatanchor collecting (see charter) substantiate the need for the proposed new newsgroup. During the pre-RFD discussion phase there was a substantial amount of interest in the newsgroup name (over 100 articles). During the RFD period, discussion concentrated on the charter, and topics to be included in the newsgroup. Both discussions indicate a great need for and interest in the subject newsgroup.

CHARTER: rec.radio.amateur.boatanchors

The newsgroup, rec.radio.amateur.boatanchors, is primarily for discussions of topics related to classic amateur radio gear. Participation by others who are not licensed radio amateurs are also welcome.

EQUIPMENT.
Appropriate equipment of the boatanchor category includes:
- equipment constructed primarily with vacuum tubes, not solid state devices, and manufactured generally in the post WW II-to-1970 timeframe.
- transmitters (amateur, military, home made)
- receivers (amateur, SWL, military, home made)
- station accessories (keys, bugs, microphones)
- test equipment from the boatanchor era used in the repair and restoration of boatanchors, such as scopes, af and rf generators, meters of all kinds, etc.)
- parts and techniques used in construction of boatanchors (vacuum tubes, condensers, etc.)

TOPICS.
Topics regarding the above equipment built entirely or primarily with vacuum tubes (as opposed to solid state devices) are welcomed in this newsgroup. Suitable boatanchor topics may include:
- collecting
- modifying
- tuning
- obtaining parts (specific requests for parts/equipment are permitted)
- manuals and TM (tech manuals) copies exchange
- restoration and refinishing
- values of boatanchor gear
- sources for parts
- questions and advice for others
- Morse Code operation - advice, legends and lore
- Modes of operation: CW, AM, early SSB
- manufacturing during the boatanchor era, including companies, personalities, and manufacturing techniques
- design and engineering history of equipment of the boatanchor era and comparisons to prior technology (arc- and spark-gap transmitters, Alexanderson alternators, galena detectors, magnetrons, Nixies, quartz crystals).

- other subjects of a historical nature
- commercial postings, if SPECIFICALLY offering products and services DIRECTLY relating to boatanchor collecting.

OFF CHARTER TOPICS.
The following subjects are off topic in this newsgroup:
- discussions of hi-fi, stereo, and/or broadcast receivers. (use rec.antiques.radio+phono and rec.audio.tubes newsgroups)
- antique equipment (use rec.antiques.radio+phono)
- entertainment television receivers
- cross postings from rec.radio.swap
- discussions that are more appropriately held in other rec.radio.amateur newsgroups, such as code vs no-code
- off-topic commercial postings are specifically prohibited from the newsgroup

FAQ.
- A list of Frequently Asked Questions will be developed by volunteers in the newsgroup and will be posted monthly. This FAQ will be helpful to beginers as well as first time visitors to the newsgroup. The FAQ will contain a list of commercial vendors who specialize in products and services of value to boatanchor collectors.

END CHARTER.

HOW TO VOTE

Send E-MAIL to: rrab@infobahn.net

Your e-mail message should contain one and only one of the following statements:
Your e-mail message should contain one and only one of the following statements for each of the groups:

I vote YES on rec.radio.amateur.boatanchors
I vote NO on rec.radio.amateur.boatanchors

You may also vote ABSTAIN or CANCEL; these are not counted as votes and don't affect the vote count.

Anything else will be rejected by the automatic vote counting program. The votetaker will respond to your received ballots with a personal acknowledgment by mail - if you do not receive one within several days, try again. It's your responsibility to make sure your vote is registered correctly.

If you later change your mind you may vote again from the same email address; only your last valid vote will count.

VOTING PROCEDURE NOTES:

Standard Guidelines for voting apply. One person, one vote.
Votes must be mailed directly from the voter to the votetaker.
Anonymous, forwarded or proxy votes are not valid; this includes

votes generated by WWW/HTML/CGI forms.

Vote counting is automated. Failure to follow these directions will mean that your vote does not get counted. Duplicate votes are resolved in favor of the most recent valid vote. Addresses and votes of all voters will be published in the final voting results post.

The purpose of a Usenet vote is to determine the genuine interest of persons who would read a proposed newsgroup. Soliciting votes from disinterested parties defeats this purpose. Please do not redistribute this CFV. If you must, direct people to the official CFV as posted to news.announce.newgroups. Distributing pre-marked or otherwise edited copies of this CFV will result in those votes being cancelled. When in doubt, ask the votetaker.

Common errors include quoting the entire article and sending your vote to the vote-takers personal address. Either of these two could result in your vote not being counted.

DISTRIBUTION:

This CFV has been cross-posted to:

rec.radio.amateur.misc

Pointers to the CFV will be posted in these newsgroups:

rec.radio.swap
rec.radio.amateur.equipment

3887. Re: Boatanchors newsgroup?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: res@cmprime.cis.att.com
Message-ID: <52gn9k$i13@anchor.cis.att.com>
Source record: 215908

KE4WBW (hrsil@flinet.com) wrote:
: Does anyone have any information on the boatanchors newsgroup or where to
: vote on its creation? I see a post now and then but never any real
: discussions.

Discussions are held in the news.groups newsgroup. Users of this
newsgroup specifically asked (properly so) that discussion take place
there.
We are past the discussion phase however, and into the voting phase.
I just posted the Call For Votes again to this newsgroup. Look for a
Subject line with CFV in it. It is complete and contains instructions for
how to vote.

Rick KT2Q

3888. Re: Boatanchors newsgroup

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: res@cmprime.cis.att.com
Message-ID: <52gnck$i13@anchor.cis.att.com>
Source record: 215909

Michael Crestohl (mc@shore.net) wrote:

: This is a good opportunity for you to learn how a USENET newsgroup is
: created. The proposed newsgroup is voted upon and if successful is
: created. Please read the CFV (Call For Votes) and cast your vote. They
: are all important.

: 73,

: Michael Crestohl, KH6KD/W1
: mc@shore.net

And.... for those who can't find the original CFV still on their system,
I just reposted it in this newsgroup. Look for a subject line with CFV
in it.

Rick KT2Q

3889. Re: Vanity calls -- someone else eats my pie?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: Steve Wolf <no8m@apk.net>
Message-ID: <01bbac5e$3343b840$3e08b7ce@no8m>
Source record: 215910

> I don't know how carefully the FCC has checked for eligibilty under the
> previous gates...I've noticed a handful of call assignments for "cool
> calls" that looked suspect to me, but I'm not going to get my nose out of
> joint for something as silly as all this. If someone is nuts enough to
risk
> revocation of their license by making fraudulent statements on a 610V
they
> probably spend more time in rec.fun.lobotomy than here.

We had a bunch of "cool calls" showing up on the BBS systems.
They are either originally issued calls or close family. If you have
a problem and are going to crab then at least follow it through
and make a formal accusation and force them to defend themselves.
Snide remarks and innuendo sound more like internet posts than
hams talking to hams.

--
73,
Steve
Amateur Radio: no8m@no8m.#neoh.oh.usa.na
Internet: no8m@apk.net
MSYS Mail List: msys-request@hamnet.org ("info" for title)

3890. Re: Grid Location

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: "David S. Bowers" <bowersda@cc.uvsc.edu>
Message-ID: <52gqj1$dpn@park.uvsc.edu>
Source record: 215911

terry@col.hp.com (Terry Thero) wrote:
>David S. Bowers (bowersda@cc.uvsc.edu) wrote:
>: Glancing through the January '96 QST, an article on VHF/UHF contesting
>: gave an internet address of a grid locator program.
>: http:/www.mit.edu:8001/geo,
>
> Syntax. You need the following:
>
> http://www.mit.edu:8001/geo
>
> NOTICE TWO '//' after http:
>
> Just ran it and everything came up fine. Good Luck.
>
> Take care, & 73's
>--
> CU
> twthero

Thanks loads, it works just fine. I guess I'll need to turn in these
fingers for a set that do what I want and not what I tell them!!

73's and CU in about a week + 1/2.... (calif here I come)
--
=-=
David S. Bowers
KB7WYD 2M/70CM *** This sig is under construction ***
Utah Valley State College
bowersda@cc.uvsc.edu B^)
=-=

3891. Re: FCC priorities? was: re new call info

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: prvalko@saturn.acs.oakland.edu
Message-ID: <52gtul$at5@news2.acs.oakland.edu>
Source record: 215912

John Mitchell (jbmitch@vt.edu) wrote:

: Having checked both sources mentioned in this thread, I must say it
: doesn't appear that the Vanity Calls are being processed very
: expeditiously.

I disagree, looking directly at the FCC files on their server, it
appears the turn around time on gate 1a calls was pretty quick.

: It is hard to tell exactly whether a "callsign change"
: reflects Vanity call, but there appear to be few 1X2 calls being issued,
: so I must conclude that few are being processed.

It is easy to see which applications were for vanity calls! Read the
readme.txt file and it explains how to decode the gibberish!
Most if the calls I see being replaced are from hams with "new" calls
getting 1x3 calls either from an earlier license or a deceased relative.

: prioritize their work load? All I have heard is "date stamped, no time
: order", but what about their own internal handling? Also, anyone know of
: any source to get more information on the processed daily results than
: the "lantz" and QRZ feeds?

By now we've heard that the FCC will not issue any gate 2 calls until
they are sure Mellon bank has forwarded all first-day applications to
the FCC. Then the FCC will put them all in the computer and the
computer will start sellecting applications at random and assign calls!
That's a LOT of typing for the clerk to do, entering 25 choices out of
4-5 thousand applications! I expect a L O N G wait!

But it sure is exciting! :-)

3892. Wanted: Out of band (diode,etc) mod for IC-2sat

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: perry@scn.org
Message-ID: <DyEDK0.M3G@scn.org>
Source record: 215913

If you have the mod, let me know, perry@scn.org.
Thanks, Perry

3893. Re: Morse Academy

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: timh@xetron.com
Message-ID: <DyED3B.D0t@xetron.com>
Source record: 215914

ftp://nic.funet.fi/pub/ham/morse/ma52b.zip

In article <19960926174129692 78@zetnet.co.uk>, bill.henderson@zetnet.co.uk says...
>
>Help needed please.
>
>I used to have a copy of Morse Academy but have since lost it. Where
>can I get a new copy? I've been trying for ages.
>
>TIA
>--
>Bill Br of Cally, Perthshire, Scotland
>e-mail bill.henderson@zetnet.co.uk
>packet GM0VIT@GB7YEW.#79.GBR.EU
>

--
Timothy W. Huster
http://www.xetron.com/~timh timh@xetron.com
kb8bnk@kc8tw.#cin.oh.usa.na
"...and Dad! I'm not your Son. I'm your wife's People Baby!" Andrew H. age 4

3894. Re: 2m Wide Open in Florida

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: jgarver@ichips.intel.com
Message-ID: <52gtrp$j18@news.jf.intel.com>
Source record: 215915

>>>Wow. 200 miles. That's DEEEE-X. Imagine what you could do with a real radio
>>>and a fourty meter dipole........

Obviously apples and, er... doughnuts. Ferty meters ain't nothin' like two.

What's more interesting though, is that flatlanders seem to have a better
chance to work long distance VHF than us mountain hillbillys.
Up here in Orygun we got lots of repeaters on top of 4000 foot mountains and
even a few up about 7000 feet. Still, you can't go more than 100 miles or
so on your handheld because after those mountains are more mountains, and
more mountains...
My farthest repeater contact was made from Bristol, Virginia to Columbus, Ohio
via a repeater up in the Smokey Mountains. This was a distance of about
300 miles and without favorable propagation conditions. I used a Yaesu FT-07
which was the first microprocessor controlled handheld and had new features
like scanning. Back in 1981.

Another place to go the distance on repeaters is the Hawaiian Islands.

--
jgarver@ichips.intel.com WA7LDV I don't speak for Intel

3895. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: Cecil Moore <Cecil_A_Moore@ccm.ch.intel.com>
Message-ID: <324BFCCE.3613@ccm.ch.intel.com>
Source record: 215916
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Thomas Foster wrote:
> The point is that CW is a very *popular* means of
> communication. I suspect that it's popular because it's fun to use, and
> it's still an *effective* means of communication. If CW were not
> effective, few people would want to use it. I know I wouldn't. But just
> listen to the many CW QSOs on the HF bands!

I would conclude from the above that people would choose to learn and use CW even if a CW test were not required. So the above is an argument for removing the CW test since people would flock to such an effective means of communication anyway. If CW is truly attractive and effective then there is no reason to use the threat of force from the feds to try to give CW an artificial advantage over the other modes.

I would learn CW and use it even if it were not a requirement.
I assume this is true of all pro-coders and even true of the pro-code-testers. I just wonder if the pro-code-testers feel, really deep down, that CW is inferior, not attractive, and not effective and would disappear without government subsidy. Is it protected because it is a useful mode or is it simply another endangered species?

73, Cecil, W6RCA (not speaking for my employer)

3896. Re: 2m Wide Open in Florida

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <52gvfs$d4o@usenetw1.news.prodigy.com>
Source record: 215917

Well, here comes Pukeface Greenhalgh again. I just knew he couldn't mind his own business for very much longer...

cgreenha@magnus.acs.ohio-state.edu (Christopher K. Greenhalgh) wrote:
>
>In article <52c90a$1sj6@usenetw1.news.prodigy.com> VUBS79A@prodigy.com (Drew Durigan) writes:
>
>>Oh, excuse me! I didn't realize we were comparing apples to oranges here.
>> And here I thought 200 miles was pretty good for 5 watts on 2 meters

>>into a HOMEMADE antenna which cost me a total of ZERO to build and
>>install.
>
>But didnt you say you were working through a repeater?
>
>It should be noted that it is generally NOT good practice to work VHF\UHF
>repeaters when the band is up (DX). One ends up opening every repeater on >that
>freq for hundreds of miles.

Ever hear of PL TONES, Chris? It just so happens that on the repeaters I was accessing, the co-channel repeaters all had DIFFERENT TONES on them. That's right, Chris...when you set the PL tone on your radio, you only bring up the machine with that tone on it, regardless of how many other co-channel repeaters you may be able to hit.

Better get out your owners manual and brush up on that section about PL TONES, Chris.

-Drew in Sunny Central Floirda-
KF4DDM

3897. Re: 2m Wide Open in Florida

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <52gvr9$1rri@usenetw1.news.prodigy.com>
Source record: 215918

This is really something...

I've been getting nasty E-Mail and posts on here for months now about how I supposively don't post anything positive or of value to amateur radio. While I don't agree with this (IMO, the code vs no-code debate is one of the most important issues in ham radio today), I decided to post something "positive", non-argumentive, and useful with regards to ham radio.

I posted a notice of the good 2m band conditions down here in Florida and my experiences making contacts during the band opening.

What did I get in return? Just a bunch of crap and sarcastic garbage from the usual bozos on here. Hey, I tried...and all I got was a bunch of crap for my trouble.

So, I guess I'll go back to the way I was before. Let the code wars and flame wars begin (again!)

-Drew in Sunny Central Florida-
KF4DDM

3898. 2nd CFV: rec.radio.amateur.boatanchors

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: dave@dogwood.com
Message-ID: <843843429.2303@uunet.uu.net>
Source record: 215919
Cross-posted to: news.announce.newgroups,news.groups,rec.radio.amateur.misc

LAST CALL FOR VOTES (of 2)
unmoderated group rec.radio.amateur.boatanchors

Newsgroups line:
rec.radio.amateur.boatanchors Vacuum tube-based amateur radio equipment.

Votes must be received by 23:59:59 UTC, 7 Oct 1996.

This vote is being conducted by a neutral third party. Questions
about this proposal should be directed to the proponent.

Proponent: Rick Stealey <rstealey@attmail.com>
Votetaker: Dave Cornejo <dave@dogwood.com>

RATIONALE: rec.radio.amateur.boatanchors

The term "Boatanchors" refers to equipment (more than 25 years old)
used by amateur radio operators ("hams"). The term is used by hams to
describe equipment which they are particularly fond of, usually for
nostalgic reasons. All over the world, in daily conversations on the
air, hams lovingly refer to old gear they are operating as their
"favorite boatanchor rig". Ususally such discussions involve
locating, restoring, collecting, and finding parts for, old ham radio
equipment. A boatanchor may have been home built, military, or once
produced by a manufacturer long since out of business. In order to
have a Usenet forum for similar discussions,
rec.radio.amateur.boatanchors is proposed.

The term "boatanchor" may not, at first, be descriptive to a person
who is not a ham. Every hobby has terms that are specific to that
particular hobby. Baseball has "dugouts", golf has a "wood", and an
"iron", and British cars have "bonnets". Within amateur radio,
working other stations at long distances could never possibly be
referred to as anything other than "DX". It has been that way for 80
years. Low power operating, likewize, is ONLY known as operating QRP.
In a similar manner, old rigs are referred to the world over by hams
as "boatanchors".

There is increasing interest in boatanchor equipment by hams.
Currently boatanchor discussions are held in rec.radio.misc. A large
variety of specialized topics relating to boatanchor collecting (see
charter) substantiate the need for the proposed new newsgroup. During
the pre-RFD discussion phase there was a substantial amount of
interest in the newsgroup name (over 100 articles). During the RFD
period, discussion concentrated on the charter, and topics to be
included in the newsgroup. Both discussions indicate a great need for

and interest in the subject newsgroup.

CHARTER: rec.radio.amateur.boatanchors

The newsgroup, rec.radio.amateur.boatanchors, is primarily for discussions of topics related to classic amateur radio gear. Participation by others who are not licensed radio amateurs are also welcome.

EQUIPMENT.
Appropriate equipment of the boatanchor category includes:
- equipment constructed primarily with vacuum tubes, not solid state devices, and manufactured generally in the post WW II-to-1970 timeframe.
- transmitters (amateur, military, home made)
- receivers (amateur, SWL, military, home made)
- station accessories (keys, bugs, microphones)
- test equipment from the boatanchor era used in the repair and restoration of boatanchors, such as scopes, af and rf generators, meters of all kinds, etc.)
- parts and techniques used in construction of boatanchors (vacuum tubes, condensers, etc.)

TOPICS.
Topics regarding the above equipment built entirely or primarily with vacuum tubes (as opposed to solid state devices) are welcomed in this newsgroup. Suitable boatanchor topics may include:
- collecting
- modifying
- tuning
- obtaining parts (specific requests for parts/equipment are permitted)
- manuals and TM (tech manuals) copies exchange
- restoration and refinishing
- values of boatanchor gear
- sources for parts
- questions and advice for others
- Morse Code operation - advice, legends and lore
- Modes of operation: CW, AM, early SSB
- manufacturing during the boatanchor era, including companies, personalities, and manufacturing techniques
- design and engineering history of equipment of the boatanchor era and comparisons to prior technology (arc- and spark-gap transmitters, Alexanderson alternators, galena detectors, magnetrons, Nixies, quartz crystals).
- other subjects of a historical nature
- commercial postings, if SPECIFICALLY offering products and services DIRECTLY relating to boatanchor collecting.

OFF CHARTER TOPICS.
The following subjects are off topic in this newsgroup:
- discussions of hi-fi, stereo, and/or broadcast receivers. (use rec.antiques.radio+phono and rec.audio.tubes newsgroups)

- antique equipment (use rec.antiques.radio+phono)
- entertainment television receivers
- cross postings from rec.radio.swap
- discussions that are more appropriately held in other rec.radio.amateur newsgroups, such as code vs no-code
- off-topic commercial postings are specifically prohibited from the newsgroup

FAQ.
- A list of Frequently Asked Questions will be developed by volunteers in the newsgroup and will be posted monthly. This FAQ will be helpful to beginers as well as first time visitors to the newsgroup. The FAQ will contain a list of commercial vendors who specialize in products and services of value to boatanchor collectors.

END CHARTER.

HOW TO VOTE

Send E-MAIL to: rrab@infobahn.net

Your e-mail message should contain one and only one of the following statements:
Your e-mail message should contain one and only one of the following statements for each of the groups:

I vote YES on rec.radio.amateur.boatanchors
I vote NO on rec.radio.amateur.boatanchors

You may also vote ABSTAIN or CANCEL; these are not counted as votes and don't affect the vote count.

Anything else will be rejected by the automatic vote counting program. The votetaker will respond to your received ballots with a personal acknowledgment by mail - if you do not receive one within several days, try again. It's your responsibility to make sure your vote is registered correctly.

If you later change your mind you may vote again from the same email address; only your last valid vote will count.

VOTING PROCEDURE NOTES:

Standard Guidelines for voting apply. One person, one vote.
Votes must be mailed directly from the voter to the votetaker.
Anonymous, forwarded or proxy votes are not valid; this includes votes generated by WWW/HTML/CGI forms.

Vote counting is automated. Failure to follow these directions will mean that your vote does not get counted. Duplicate votes are resolved in favor of the most recent valid vote. Addresses and votes of all voters will be published in the final voting results post.

The purpose of a Usenet vote is to determine the genuine interest of persons who would read a proposed newsgroup. Soliciting votes from disinterested parties defeats this purpose. Please do not redistribute this CFV. If you must, direct people to the official CFV as posted to news.announce.newgroups. Distributing pre-marked or otherwise edited copies of this CFV will result in those votes being cancelled. When in doubt, ask the votetaker.

Common errors include quoting the entire article and sending your vote to the vote-takers personal address. Either of these two could result in your vote not being counted.

DISTRIBUTION:

This CFV has been cross-posted to:

rec.radio.amateur.misc

Pointers to the CFV will be posted in these newsgroups:

rec.radio.swap
rec.radio.amateur.equipment

3899. Re: VHF DX Opportunity

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: robert colin newell <rnewell@castle.uvic.ca>
Message-ID: <324C1092.6352@castle.uvic.ca>
Source record: 215920
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.space,rec.radio.amateur.misc

Mark Gingrich wrote:
>
> On Thursday morning, 26 September, around 8:12 a.m. EDT (12:12 UTC), the
> Space Shuttle Atlantis (STS-79) is expected to touch down at Kennedy Space
This just arrived in my NEWS BOX! Sorry.
A bit more notice next time would be great !
I was up at those hours.. It would have been nice
to know that this was going on..

http://espresso.ts.uvic.ca
The Worlds only Interactive SW WWW Site

3900. Re: 2m Wide Open in Florida

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: mjsilva1@ix.netcom.com
Message-ID: <52h341$sg3@dfw-ixnews4.ix.netcom.com>
Source record: 215921

In <52gvr9$1rri@usenetw1.news.prodigy.com> VUBS79A@prodigy.com (Drew Durigan) writes:
>
>This is really something...
>... I decided to post
>something "positive", non-argumentive, and useful with regards to ham
>radio.
>... Hey, I tried...and all I got was a bunch
>of crap for my trouble.

It is true, this was the first of Drew's posts where he actually seemed to be enjoying ham radio, and I salute him for it. I guess the only explanation for the negative reactions was that he took some people by surprise, kind of like when somebody shaves off the beard they've had for 20 years...

73,
Mike, KK6GM

3901. Re: Opinion on callbooks please

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: tgold@microvst.demon.co.uk
Message-ID: <843811937snz@microvst.demon.co.uk>
Source record: 215922
Cross-posted to: rec.radio.amateur.dx,rec.radio.amateur.misc

In article <324962FF.4DE7@vt.edu> ndavis@vt.edu "Nat Davis" writes:

> I am relatively new to DX QSLing and have had only marginal luck in
> finding mailing addresses in the on-line QSL "callbooks" such as
> Buckmaster and QRZ. I'm considering buying a callbook (or CD ROM
> version) if it provides better coverage. Do any of you have suggestions
> or opinions on which callbook would be a good purchase?

The Radio Amateur Callbook on CD includes the North American and the
International Listings. If you want DX addresses, I haven't seen
anything to touch it. But for those that want only North American
Listings, I find the SAM CD far superior. SAM's Browse mode which
can be keyed on both Name and on Call gives a screen full of adjacent
listings and is brilliant. The RAC Browse is much less useful because
it only throws up one call at a time in Browse mode and this makes it
much harder to match say family members or close addresses.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

3902. CAT Interface Program

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: djs26@po.cwru.edu
Message-ID: <52hc77$prb@madeline.INS.CWRU.Edu>
Source record: 215923

I recently picked up a used YAESU FT-747GX that has the PC interface on it.
So I am searching the 'Net' for programs that make use of this interface.
YAESU calls it the Computer Aided Transceiver interface.
Anybody know of a site where I can FTP a sample program.
I am planning on using Borland "C" to write an interface when I get time,
but I like to see samples.
I don't need to use this PC interface, but it might be fun to
play with.

Donn
KC8CTP

3903. Hammarluns SX140 FS

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: rilowite@aol.com
Message-ID: <52hclf$g64@newsbf02.news.aol.com>
Source record: 215924

Ofers anyone ? Mint cond.
W2GKG, RIlowite@aol.com 1-201-445-1629

3904. Email address of NA4G, RD Keys?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: faunt@netcom9.netcom.com
Message-ID: <FAUNT.96Sep27131302@netcom9.netcom.com>
Source record: 215925

I've lost his address, but have information about CW contacts with the
Jeremiah O'Brien.
73, doug

3905. Re: Vanity calls -- someone else eats my pie?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: faunt@netcom9.netcom.com
Message-ID: <FAUNT.96Sep27131928@netcom9.netcom.com>
Source record: 215926

Gene's not far wrong. I seem to recall having heard of a situation
that came to light here in the US in the 60's where people in the FCC
were getting "cool" calls out of sequence. But it could be just
rumor.
73, doug

3906. Re: 2m Wide Open in Florida

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: cgreenha@magnus.acs.ohio-state.edu
Message-ID: <cgreenha.726.324C1972@magnus.acs.ohio-state.edu>
Source record: 215927

In article <52gvr9$1rri@usenetw1.news.prodigy.com> VUBS79A@prodigy.com (Drew Durigan) writes:
>From: VUBS79A@prodigy.com (Drew Durigan)
>Subject: Re: 2m Wide Open in Florida
>Date: 27 Sep 1996 16:36:57 GMT

>This is really something...

>I've been getting nasty E-Mail and posts on here for months now about how
>I supposively don't post anything positive or of value to amateur radio.

This is true.

>While I don't agree with this (IMO, the code vs no-code debate is one of
>the most important issues in ham radio today),

It wouldnt be so bad, but your posts are full of attacks, asumptions, childish name-calling, insults, and lies.

That is NOT debating drew.

>I decided to post
>something "positive", non-argumentive, and useful with regards to ham
>radio.

It is true that you have never done this before.

>I posted a notice of the good 2m band conditions down here in Florida and
>my experiences making contacts during the band opening.

You mean "repeater" contacts...which is considered bad practice.

>What did I get in return? Just a bunch of crap and sarcastic garbage
>from the usual bozos on here.

Yea...the exact SAME THING we been listening from you since the day you were licensed.

>Hey, I tried...and all I got was a bunch
>of crap for my trouble.

My Dad used to say, "You made your bed...now you have to sleep in it."

>So, I guess I'll go back to the way I was before.

No suprise here...like you REALLY were going to change...yea...right.

>Let the code wars and
>flame wars begin (again!)

There is no war...you currently have to pass a morse code test to gain access to the amatuer HF bands...PERIOD.

Take care drew. :)

Christopher K. Greenhalgh, N8WCT
Computer/Electronic Tech. II at The Ohio State University
E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

3907. US License Examination Opportunities Scheduled 9/27/96 to 12/31/96

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: "Bart Jahnke, KB9NM ARRL/VEC" <vec@arrl.org>
Message-ID: <324C33B4.2286@arrl.org>
Source record: 215928

This page was last revised September 27, 1996.

You can Email the ARRL/VEC (or this page's content
administrator) at "vec@arrl.org".

*****>> When viewing this list, if the list appears to be cut
off (stops somewhere in the middle of the state's listings)
try downloading the entire file then viewing it off line.
Some WEB browser programs have exhibited this problem.

****

Have you recently passed your test? Find out your new call sign and/or
license privileges using the following World Wide Web URL (or by using
the phone number shown below):

http://www.ualr.edu/~hamradio/

or look for this link from the ARRL WEB page at

http://www.arrl.org/

At ten (10 days) after the test session call 860-594-0300.

****

AMATEUR RADIO EXAMINATION OPPORTUNITIES

****

Want to find out what if your new FCC license has been granted?
Has it been 10 days since you took you examination?

If so, Call ARRL at 1-860-594-0300 (8 am to 9 pm weekdays, eastern time)
to find out. We suggest that you not call the FCC (should you choose to
call the FCC at 1-800-322-1117 during business hours, be aware that their
number is normally busy).

Your hardcopy (printed) license would follow shortly after the license
grant is indicated in the FCC Amateur Service data base.

If your test was coordinated through the ARRL/VEC, license turnaround
time will be approximately 7-15 days. This includes 1-5 days for the
VE team to complete their processing (the team has up to 10 days before
they must mail the results), 3-5 days between the VE team and the VEC;
2 business days at the VEC (in some cases only 1 day); and 1-3 business
days at the FCC. Allow 5 business days from the date that the VE team
estimates the test session results will reach the VEC.

****

NEED AN FCC FORM 610?

The ARRL/VEC can supply you with your needed Forms 610, whether they be for the Reciprocal Permit for Alien Amateur Licensee, Form 610-A; Club/Military-Recreation/RACES station, Form 610-B; or Form 610 for Amateur Operator/Primary Station License. FCC Form 610-R is a computer generated renewal form that will be sent from the FCC (beginning September 1995) to licensees whose license is to expire within 90 days. Form 610-V is the special application for persons seeking a Vanity call sign (see below).

Several FCC forms, including Form 610, are available through the FCC's fax-on-demand service by calling 202-418-0177 (request form "000610" for Form 610, form "006108" for Form 610V).

You can obtain FCC Form 610V along with FCC form 1070V and FCC vanity call sign information fact sheet PR 5000, number 206v) by writing ARRL, 225 Main Street, Newington, CT 06111. You must include an SASE.

Form 610 or other forms, including Form 610V, are also available from the FCC via the internet at:

http://www.fcc.gov/Forms/

or

ftp://ftp.fcc.gov/pub/Forms/

The FCC Forms Distribution Center will accept FCC forms requests by calling 800-418-3676.

****
VANITY CALL SIGNS - SUBMITTING YOUR APPLICATION VIA THE WORLD WIDE WEB

Vanity Call Signs can also be applied for, in the appropriate eligibility Gate, at the appropriate time, by using the following URL:

http://www.fcc.gov/wtb/amradsrv.html

****

STILL NEED TO PREPARE FOR YOUR EXAM?

If you would like information on how to become licensed; or how to locate Amateur Radio clubs, instructors, licensing classes and/or Novice examiners in your area; please contact the ARRL Educational Activities Department (EAD) at 860-594-0301. The EAD can also provide information on recommended study materials. Electronic mail may be forwarded to the ARRL EAD via USENET at "ead@arrl.org" or via MCI Mail to MCI ID: 215-5052.

****

THINGS TO BRING TO EXAMINATIONS

Bring a photo ID along with a second form of identification (else bring two non-photo forms of ID); bring your original FCC license and a photocopy of your license (if you are currently licensed); bring the original and a copy of any Certificate(s) of Successful Completion of Examination (CSCEs); if necessary, bring a scientific calculator (that does not have the ability to store formulas); bring a pen and two pencils; and be sure to bring payment for the test fee if charged by the VEC.

****

EXAMINATION CREDIT IS AVAILABLE AS FOLLOWS

By presenting an original, current FCC-license, the following exam credit will be conveyed to the applicant by the VE Team:

Novice - Elements 1A and 2
Technician (dated after 2/14/91) - Elements 2 and 3A
(*)Technician (dated before 3/21/87) - Elements 1A, 2, 3A and 3B
Technician Plus - Elements 1A, 2 and 3A
General - Elements 1B, 2, 3A and 3B
Advanced - Elements 1B, 2, 3A, 3B and 4A
Extra - All elements

Footnote:

(*) For grandfather Element 3B credit, only an original license or a copy which was issued on or before 3/21/87 is acceptable by VEs. VECs may be able to allow such credit based upon an original CSCE issued on before that date which shows Element 3 credit for passing the (then) 50 question Technician/General written test. If such documentation has been destroyed, the FCC will itself issue the necessary verification. To obtain such verification, acceptable by all VE Teams and VECs, write to FCC and request a "Letter of Verification of Technician License Held Prior To March 21, 1987". Mail (or fax 717-337-1541) your request to: FCC, 1270 Fairfield Rd, Gettysburg PA 17325-7245. If you include reference to a fax number in your reply, the FCC will fax your verification letter to you. Normal turnaround at FCC is 3-5 business days after receipt.

By presenting an original Certificate of Successful Completion of Examination (CSCE), the following credit is conveyed:

* For Technician licensees: A CSCE showing Element 1A, 1B or 1C credit qualifies the holder for Technician Plus HF privileges. The CSCE may have been issued more than 365 days earlier.

* For others: A CSCE issued up to 365 days earlier conveys credit for the element(s) shown as passed. A Physician's Certification on a Form 610 is acceptable by a VE Team for 365 days after the Physician's signature date. Once accepted by the VE Team, assuming the applicant qualifies for a General or Advanced license,

a CSCE is issued showing Element 1C (or "Physician's Cert. and Release: 1C") credit is valid for 365 days toward an Extra class license.

****

LOST LICENSES

If you have lost your license, you can obtain a duplicate by writing to: FCC, 1270 Fairfield Rd, Gettysburg PA 17325-7245; indicating that you lost your license and that you are requesting that a replacement license be issued to you. You may fax your request to FCC at 717-337-1541.

****

ACCOMMODATIONS FOR THE HANDICAPPED OR DISABLED

The FCC requires that the administering VEs must accommodate an examinee whose physical disabilities require a special examination procedure. To do so, the administering VEs may require a physician's statement indicating the nature of the disability before determining which, if any, special accommodative procedures must be used.

The VEs may accommodate handicapped/disabled examinees by administering the examination at a place convenient and comfortable for the examinee--even at bedside; for the hearing impaired the Morse code may be sent using flashing lights or a vibrating surface; for the visually impaired, VEs may read or write for the examinee; where warranted, the VEs may pause the Morse code message after each sentence/phrase, or each word, or even after each character to allow the examinee additional time to absorb and interpret what was sent--also the VEs may substitute a sending test for a receiving test where the examinee's handicap warrants.

VE Teams may need advanced notice in order to provide the necessary accommodations to examinees who require them. If you will require accommodations, please contact the VE Team in advance to advise them of your needs.

EXEMPTION OF THE 13/20 WPM MORSE CODE REQUIREMENTS

If you are a severely handicapped or disabled individual and have already passed at least a 5 WPM Morse code examination (or hold a license which meets that requirement), you may be eligible for exemption from the 13/20 WPM Morse code examination requirements. See the back of a current FCC Form 610 for details.

****

The following test session information is provided by the ARRL/VEC for the upcoming eight to twelve week period. For further information, please contact the test session CONTACT PERSON at the telephone number provided. If necessary, you may contact the ARRL/VEC at 860-594-0300 for additional information. Electronic mail may be forwarded to the ARRL/VEC via USENET at "vec@arrl.org" or via MCI Mail to MCI ID: 215-5052.

Although the test session information presented here does not indicate whether walk-ins are accepted or not, most test sessions do allow walk-ins. We encourage you, however, to always contact the CONTACT PERSON at the telephone number provided so that the VE Team is aware that you be attending the test session.

EXAM LISTINGS - DEFINITION OF FIELDS

STATE
Test Date,VEC,City,Zip-code,Contact Phone,Contact Person

The SECOND field in the following listing specifies the VEC which is coordinating this examination. This single-character designator denotes the VEC as defined below. An "A" (for example) indicates that this examination is coordinated by the ARRL/VEC.

For further information on any examinations listed, or if you do not find any examinations listed for your area, you may contact any of the coordinating VECs below.

A = ARRL/VEC, 225 Main St, Newington, CT 06111; (d) 860-594-0300
The 1996 test fee is $6.05.

X = Anchorage ARC, 2628 Turnagain Parkway, Anchorage, AK 99517;
(d) 907-786-8121, (n) 907-243-2221 (or) 907-276-5121
(or) 907-274-5546. No fee.

C = Central Alabama VEC Inc., 1215 Dale Dr SE, Huntsville, AL 35801;
205-536-3904

E = Golden Empire ARS, PO Box 508, Chico, CA 95927; No phone.

G = Greater Los Angeles ARG, 9737 Noble Ave, Sepulveda, CA 91343;
818-892-2068, 805-822-1473.

J = Jefferson ARC, PO Box 24368, New Orleans, LA 70184-4368;
504-832-6803

K = Koolau ARC, 45-529 Nakuluai St, Kaneohe, HI 96744;
808-235-4132

L = Laurel ARC Inc., PO Box 3039, Laurel, MD 20709-0039;
(d) 301-572-5124, (n) 301-317-7819 or 301-588-3924

M = The Milwaukee RAC Inc., PO Box 25707, Milwaukee, WI 53225;
414-466-4267.

H = Mountain ARC, PO Box 10, Burlington, WV 26710; 304-289-3576,
301-724-0674

P = PHD ARA Inc., PO Box 11, Liberty, MO 64068-0011; 816-781-7313

R = Sandarc-VEC, PO Box 2446, La Mesa, CA 91943-2446; 619-465-3926.
No fee.

S = Sunnyvale VEC ARC, PO Box 60307, Sunnyvale, CA 94088-0307;
408-255-9000. The 1996 test fee is $6.00.

T = Triad Emergency ARC, 3504 Stonehurst Pl, High Point, NC 27265;
910-841-7576

W = Western Carolinas ARS VEC, 5833 Clinton Hwy - Suite 203,
Knoxville, TN 37912-2500; 423-688-7771. The 1996 test fee is $6.05.

5 = W5YI-VEC, PO Box 565101, Dallas, TX 75356-5101; 817-461-6443
The 1996 test fee is $6.05.

EXAMINATION OPPORTUNITIES IN YOUR AREA:

ALASKA
10/02/96,X,Anchorage,99501,907-243-2221,Roger Hansen
10/02/96,X,Eagle River,99517,907-343-8121,Roger Hansen
10/05/96,X,Fairbanks,99701,907-488-2488,Billy Connor
10/12/96,X,Anchorage,99501,907-243-2221,Roger Hansen
11/02/96,X,Fairbanks,99701,907-488-2488,Billy Connor
11/06/96,X,Anchorage,99501,907-243-2221,Roger Hansen
11/06/96,X,Eagle River,99517,907-343-8121,Roger Hansen
11/09/96,X,Anchorage,99501,907-243-2221,Roger Hansen
12/04/96,X,Anchorage,99501,907-243-2221,Roger Hansen
12/04/96,X,Eagle River,99517,907-343-8121,Roger Hansen
12/07/96,X,Fairbanks,99701,907-488-2488,Billy Connor
12/14/96,X,Anchorage,99501,907-243-2221,Roger Hansen

ALABAMA
09/28/96,A,Albertville,35950,205-891-4720,William J Lane
09/28/96,A,Mobile,36606,334-479-8817,Louis McLeod Jr
09/28/96,A,Montgomery,36106,334-269-4201,Leroy Bell Jr
09/29/96,A,Mobile,36606,334-479-8817,Louis McLeod Jr
10/05/96,C,Birmingham,35203,205-681-3025,Chuck Hendricks
10/12/96,W,Gadsden,35901,205-492-8194,Gene McGlaughn
10/12/96,A,Scottsboro,35768,2056575204,Albert Bible
10/19/96,5,Sheffield,35660,205-389-8070,John Lambert, Jr
10/26/96,A,Albertville,35950,205-891-4720,William J Lane
10/26/96,A,Montgomery,36106,334-269-4201,Leroy Bell Jr
11/01/96,C,Pelham,35203,205-803-1151,Jim Baker
11/16/96,A,Fort Payne,35967,205-657-5204,Albert Bible
11/16/96,5,Sheffield,35660,205-389-8070,John Lambert, Jr
11/30/96,A,Albertville,35950,205-891-4720,William J Lane
11/30/96,A,Montgomery,36106,334-269-4201,Leroy Bell Jr
12/07/96,C,Birmingham,35203,205-681-3025,Chuck Hendricks
12/14/96,A,Scottsboro,35768,2056575204,Albert Bible

12/15/96,W,Gadsden,35901,205-492-8194,Gene McGlaughn
12/21/96,5,Sheffield,35660,205-389-8070,John Lambert, Jr
12/28/96,A,Albertville,35950,205-891-4720,William J Lane
12/28/96,A,Montgomery,36106,334-269-4201,Leroy Bell Jr

ARKANSAS
09/28/96,5,Bentonville,72758,501-636-7689,Dean Garland
09/28/96,A,Fort Smith,72903,501-783-0542,Jerry Richards AB5SE
09/28/96,A,Little Rock,72205,501-835-5495,Elisha J "EJ"" Dixon Jr
10/01/96,A,Jacksonville,72076,501-982-6511,Vernon A Oberle
10/05/96,A,Springdale,72762,501-524-8090,Michael Diaz KJ5OP
10/08/96,A,Conway,72032,501-329-1451,Glenn A King
10/08/96,A,Paragould,72450,501-236-3921,Dr Jay Springman
10/12/96,A,Benton,72015,501-847-2793,Mike L Porter, Sr
10/12/96,5,Magnolia,65747,501-234-1218,Larry Taylor
10/12/96,A,Siloam Springs,72761,501-524-8090,Michael Diaz KJ5OP
10/19/96,5,Van Buren,72952,501-471-1045,Philip Williams WA5P
10/23/96,5,Bentonville,72758,501-636-7689,Dean Garland
10/26/96,5,Hot Springs,71913,501-760-1181,Charles Jacques
10/26/96,A,Little Rock,72205,501-835-5495,Elisha J "EJ"" Dixon Jr
11/05/96,A,Jacksonville,72076,501-982-6511,Vernon A Oberle
11/09/96,A,Benton,72015,501-847-2793,Mike L Porter, Sr
11/09/96,A,Russellville,72801,501-641-2022,Ben Hillis
11/09/96,A,Siloam Springs,72761,501-524-8090,Michael Diaz KJ5OP
11/11/96,A,Fox,72051,501-363-4383,Jack Oyler
11/12/96,A,Conway,72032,501-329-1451,Glenn A King
11/12/96,A,Paragould,72450,501-236-3921,Dr Jay Springman
11/12/96,A,Searcy,72143,501-729-5489,Roger Gray
11/16/96,5,Magnolia,65747,501-234-1218,Larry Taylor
11/16/96,5,Van Buren,72952,501-471-1045,Philip Williams WA5P
11/23/96,A,Little Rock,72205,501-835-5495,Elisha J "EJ"" Dixon Jr
12/03/96,A,Jacksonville,72076,501-982-6511,Vernon A Oberle
12/07/96,A,Jonesboro,72401,501-932-1660,Evelyn E Castleberry
12/10/96,A,Paragould,72450,501-236-3921,Dr Jay Springman
12/14/96,A,Benton,72015,501-847-2793,Mike L Porter, Sr
12/14/96,5,Magnolia,65747,501-234-1218,Larry Taylor
12/14/96,A,Siloam Springs,72761,501-524-8090,Michael Diaz KJ5OP
12/21/96,A,Little Rock,72205,501-835-5495,Elisha J "EJ"" Dixon Jr
12/21/96,5,Van Buren,72952,501-471-1045,Philip Williams WA5P

ARIZONA
09/28/96,A,Phoenix,85004,602-996-8148,Gary M Hamman
10/05/96,A,Flagstaff,86001,520-774-9221,Robert Eis
10/05/96,A,Phoenix,85001,602-972-8733,Ray Sumner, NW7R
10/12/96,R,Tucson,85748,602-886-7217,Joe Wong
10/19/96,A,Tucson,85705,520-682-7704,Ronny G Herring
10/21/96,A,Mesa,85207,602-898-4066,Denise M Rospapa
10/26/96,A,Phoenix,85004,602-996-8148,Gary M Hamman
11/02/96,A,Phoenix,85001,602-972-8733,Ray Sumner, NW7R
11/09/96,A,Prescott,86301,602-772-8539,Dave Rutledge
11/09/96,R,Tucson,85748,602-886-7217,Joe Wong

11/09/96,5,Williams,86320,520-637-2358,Jerald Ellison
11/16/96,A,Tucson,85705,520-682-7704,Ronny G Herring
11/18/96,A,Mesa,85207,602-898-4066,Denise M Rospapa
11/23/96,A,Phoenix,85004,602-996-8148,Gary M Hamman
12/07/96,A,Flagstaff,86001,520-774-9221,Robert Eis
12/07/96,A,Phoenix,85001,602-972-8733,Ray Sumner, NW7R
12/14/96,R,Tucson,85748,602-886-7217,Joe Wong
12/16/96,A,Mesa,85207,602-898-4066,Denise M Rospapa
12/21/96,A,Tucson,85705,520-682-7704,Ronny G Herring
12/28/96,A,Phoenix,85004,602-996-8148,Gary M Hamman

CALIFORNIA
09/28/96,A,Anaheim,90201,714-636-7226,Nancy Bucher
09/28/96,R,Chula Vista,92150,619-428-8418,James Murphy
09/28/96,A,Corona,91720,909-734-6101,Mark Adams
09/28/96,A,Culver City,90049,310-459-0337,Scott V Swanson
09/28/96,R,Escondido,92026,619-743-4212,Harry A Hodges
09/28/96,A,Fairfield,94588,916-791-0268,Richard Winter AB6EY
09/28/96,5,Garden Grove,92643,714-534-8633,John Gregory
09/28/96,A,Los Angeles,90047,818-398-8045,Willie Patterson
09/28/96,A,Point Reyes,94956,415-663-5458,Allen Bond
09/28/96,A,Pomona,91769,909-949-0059,Donald Warburg WA6HNC
09/28/96,A,Santa Maria,93454,805-922-8509,Frank Gibson
09/28/96,A,Sonora,95370,209-962-7146,Carl H Croci
09/28/96,5,Torrance,96900,310-834-0558,Renato Santos
09/28/96,A,Wildomar,92595,909-244-3630,Charles Somol
09/29/96,A,Point Reyes,94956,415-663-5458,Allen Bond
09/29/96,S,Sunnyvale,94086,408-255-9000,Sunnyvale VEC
09/30/96,A,Homeland,92548,909-925-0211,Lorraine Y Aubert
10/02/96,5,Sacramento,95822,916-334-4887,Jim Lomax
10/04/96,A,Lake Isabella,93240,619-379-2947,Thomas Corso
10/05/96,A,Cupertino,95014,408-243-8349,Emmett Freitas
10/05/96,A,Lancaster,93534,805-948-1865,Adrienne J Sherwood
10/05/96,A,Los Angeles,90043,213-758-6343,Ali Hassan
10/05/96,R,Santee,91942,619-466-8219,H M Knickerbocker
10/06/96,S,Concord,94520,408-255-9000,Sunnyvale VEC
10/06/96,S,Hanford,93230,408-255-9000,Sunnyvale VEC
10/06/96,A,Sacramento,95828,916-383-2113,Richard Addison
10/08/96,S,Fremont,94537,408-255-9000,Sunnyvale VEC
10/11/96,A,Lafayette,94565,510-427-4022,JAMES W WALLACE
10/12/96,5,Anderson,96007,916-357-4834,Albert Simants
10/12/96,A,Bakersfield,93306,805-363-5108,Louis A Roux
10/12/96,5,Bell,90201,213-560-8618,Pedro Cacheiro
10/12/96,5,Brea,92621,310-691-1514,Robert Reitzel
10/12/96,R,Carlsbad,92026,619-747-5872,Louis B Massie
10/12/96,A,Culver City,90230,310-827-2538,Clive Morel AA6TZ
10/12/96,A,Fontana,92337,909-823-6818,Louis Johnson
10/12/96,A,Glendora,91740,818-966-7715,Perry Stevens P.R.C.
10/12/96,5,San Pedro,90710,310-325-2965,Elvin Lytle
10/12/96,S,Sunnyvale,94086,408-255-9000,Sunnyvale VEC

10/12/96,A,Torrance,90504,310-328-0817,Joe Lamphen WB6MYD
10/12/96,A,Ventura,93004,805-388-2488,George Kreider III KN6LA
10/14/96,A,Bermuda Dunes,92201,619-345-8780,Don Doughty
10/14/96,A,Glendale,91200,818-247-1126,Joseph Sabutis
10/14/96,A,Palm Desert,92260,619-346-3046,Maureen Hiemstra
10/16/96,A,El Segundo,90245,310-336-0274,Richard D Pruitt
10/17/96,A,El Segundo,90245,310-336-0274,Richard D Pruitt
10/17/96,5,Fountain Valley,92708,714-531-6707,Allan Avnet
10/19/96,A,Clearlake,95422,707-994-1133,Carol Oliver
10/19/96,A,Concord,94527,510-427-4022,Jim Wallace Jr
10/19/96,A,Cupertino,95014,408-243-8349,Emmett Freitas
10/19/96,A,Downey,90241,213-923-5598,Wesley Printz
10/19/96,A,Grass Valley,95945,916-477-1805,Mike Dickinson WD6EVG
10/19/96,A,Petaluma,94954,707-762-9414,Dale Westerterp WB6TMS
10/19/96,S,Redwood City,94063,408-255-9000,Sunnyvale VEC
10/19/96,A,Sacramento,95825,916-483-3293,Lyle Aufranc AA6DJ
10/19/96,R,San Diego,92104,619-464-0668,Robert Bostick
10/19/96,A,Stockton,95208,209-465-7496,Mark Tollini W6DKI
10/20/96,A,Concord,94527,510-427-4022,Jim Wallace Jr
10/21/96,5,San Diego,92154,619-575-5222,Carol Barrier
10/24/96,A,Colton,92324,909-825-7136,Harold Heydenfeldt
10/24/96,A,Palm Desert,92260,619-341-5142,Greg West
10/26/96,R,Chula Vista,92150,619-428-8418,James Murphy
10/26/96,A,Culver City,90049,310-459-0337,Scott V Swanson
10/26/96,R,Escondido,92026,619-743-4212,Harry A Hodges
10/26/96,A,Fairfield,94588,916-791-0268,Richard Winter AB6EY
10/26/96,A,Pomona,91769,909-949-0059,Donald Warburg WA6HNC
10/27/96,S,Sunnyvale,94086,408-255-9000,Sunnyvale VEC
11/01/96,A,Bakersfield,93301,805-765-2297,James M Phillips AA7IU
11/02/96,A,Cupertino,95014,408-243-8349,Emmett Freitas
11/02/96,A,Los Osos,93402,805-528-1022,Charles Curry KD6RDQ
11/02/96,A,Pleasant Hill,94501,510-427-4022,James W Wallace Jr
11/02/96,R,Santee,91942,619-466-8219,H M Knickerbocker
11/03/96,A,Oakland,94618,415-752-8783,Allen T Smith AA6UX
11/05/96,S,Fremont,94537,408-255-9000,Sunnyvale VEC
11/06/96,5,Sacramento,95822,916-334-4887,Jim Lomax
11/08/96,A,Irvine,92717,714-824-8477,Jack C Lockhart WD6AEI
11/09/96,5,Bell,90201,213-560-8618,Pedro Cacheiro
11/09/96,R,Carlsbad,92026,619-747-5872,Louis B Massie
11/09/96,A,Culver City,90230,310-827-2538,Clive Morel AA6TZ
11/09/96,A,Culver City,90230,310-827-2538,Clive Morel
11/09/96,A,Fontana,92337,909-823-6818,Louis Johnson
11/09/96,A,Glendora,91740,818-966-7715,Perry Stevens P.R.C.
11/09/96,A,Goleta,93116,805-962-8957,Phil Beautrow KG6KB
11/09/96,A,Jackson,95642,209-296-3412,Ray Parker AA6EW
11/09/96,A,Redding,96001,916-243-6339,Kenna Pine
11/09/96,5,San Pedro,90710,310-325-2965,Elvin Lytle
11/10/96,A,Hemet,92545,909-926-9347,Steve J Hennessee W6UMR
11/11/96,A,Bermuda Dunes,92201,619-345-8780,Don Doughty
11/11/96,A,Palm Desert,92260,619-346-3046,Maureen Hiemstra

11/12/96,5,Vallejo,94589,707-553-8625,Jose Tampinco
11/12/96,A,Yuba City,95991,916-673-0868,Homer Oliver
11/14/96,A,Colton,92324,909-825-7136,Harold Heydenfeldt
11/15/96,A,Lafayette,94565,510-427-4022,JAMES W WALLACE
11/16/96,A,Arcata,95521,707-826-0767,Irma Ruegg KF6FY
11/16/96,A,Clearlake,95422,707-994-1133,Carol Oliver
11/16/96,A,Cupertino,95014,408-243-8349,Emmett Freitas
11/16/96,A,Glen Ellen,95442,707-996-6461,James McCauley
11/16/96,5,Orange,90720,310-598-0086,Rick Riness
11/16/96,A,Sacramento,95825,916-483-3293,Lyle Aufranc AA6DJ
11/16/96,R,San Diego,92104,619-464-0668,Robert Bostick
11/16/96,5,San Francisco,94122,415-753-5368,Daniel Young
11/16/96,A,Stockton,95208,209-465-7496,Mark Tollini W6DKI
11/17/96,A,Fresno,93703,209-431-2038,Charles McConnell, W6DPD
11/17/96,A,Hercules,94547,510-728-9915,William C Eugenio
11/18/96,5,San Diego,92154,619-575-5222,Carol Barrier
11/21/96,5,Fountain Valley,92708,714-531-6707,Allan Avnet
11/21/96,A,Palm Desert,92260,619-341-5142,Greg West
11/21/96,5,Santa Clarita,91322,805-259-8410,John Abbott
11/23/96,R,Chula Vista,92150,619-428-8418,James Murphy
11/23/96,A,Pomona,91769,909-949-0059,Donald Warburg WA6HNC
11/23/96,A,Sonora,95370,209-962-7146,Carl H Croci
11/23/96,5,Westminster,92640,714-638-4057,Terry Hall
11/25/96,A,Livermore,94550,510-833-1661,Jim McWhorter
11/30/96,A,Culver City,90049,310-459-0337,Scott V Swanson
11/30/96,R,Escondido,92026,619-743-4212,Harry A Hodges
11/30/96,A,Fairfield,94588,916-791-0268,Richard Winter AB6EY
11/30/96,5,Garden Grove,92643,714-534-8633,John Gregory
12/01/96,S,Concord,94520,408-255-9000,Sunnyvale VEC
12/03/96,S,Fremont,94537,408-255-9000,Sunnyvale VEC
12/04/96,5,Sacramento,95822,916-334-4887,Jim Lomax
12/06/96,A,Lake Isabella,93240,619-379-2947,Thomas Corso
12/07/96,A,Cupertino,95014,408-243-8349,Emmett Freitas
12/07/96,A,Lancaster,93534,805-948-1865,Adrienne J Sherwood
12/07/96,A,San Rafael,94901,707-778-8504,Tom Miller
12/07/96,R,Santee,91942,619-466-8219,H M Knickerbocker
12/07/96,A,Ventura,93004,805-388-2488,George Kreider III KN6LA
12/09/96,A,Bermuda Dunes,92201,619-345-8780,Don Doughty
12/09/96,A,Palm Desert,92260,619-346-3046,Maureen Hiemstra
12/11/96,5,Hollywood,91607,818-766-1341,Elliott Bloch
12/12/96,A,Colton,92324,909-825-7136,Harold Heydenfeldt
12/14/96,5,Anderson,96007,916-357-4834,Albert Simants

12/14/96,5,Bell,90201,213-560-8618,Pedro Cacheiro
12/14/96,5,Brea,92621,310-691-1514,Robert Reitzel
12/14/96,R,Carlsbad,92026,619-747-5872,Louis B Massie
12/14/96,A,Culver City,90230,310-827-2538,Clive Morel AA6TZ
12/14/96,A,Culver City,90230,310-827-2538,Clive Morel
12/14/96,A,Fontana,92337,909-823-6818,Louis Johnson
12/14/96,A,Glendora,91740,818-966-7715,Perry Stevens P.R.C.

12/14/96,A,Grass Valley,95945,916-477-1805,Mike Dickinson WD6EVG
12/14/96,A,Petaluma,94954,707-762-9414,Dale Westerterp WB6TMS
12/14/96,S,Sunnyvale,94086,408-255-9000,Sunnyvale VEC
12/19/96,A,Palm Desert,92260,619-341-5142,Greg West
12/21/96,A,Cupertino,95014,408-243-8349,Emmett Freitas
12/21/96,A,Oakhurst,93644,209-683-8772,Robert Tauxe W6JTA
12/21/96,S,Porterville,93257,408-255-9000,Sunnyvale VEC
12/21/96,S,Redwood City,94063,408-255-9000,Sunnyvale VEC
12/21/96,A,Sacramento,95825,916-483-3293,Lyle Aufranc AA6DJ
12/21/96,R,San Diego,92104,619-464-0668,Robert Bostick
12/21/96,A,Stockton,95208,209-465-7496,Mark Tollini W6DKI
12/28/96,R,Chula Vista,92150,619-428-8418,James Murphy
12/28/96,A,Culver City,90049,310-459-0337,Scott V Swanson
12/28/96,R,Escondido,92026,619-743-4212,Harry A Hodges
12/28/96,A,Fairfield,94588,916-791-0268,Richard Winter AB6EY
12/28/96,5,Torrance,96900,310-834-0558,Renato Santos
12/29/96,S,Sunnyvale,94086,408-255-9000,Sunnyvale VEC

COLORADO
09/28/96,A,Longmont,80501,303-651-1075,Randal or Jan Abbott
09/29/96,5,Aurora,80011,303-364-6783,Lee Tingle
09/30/96,A,Bailey,80421,303-838-5826,Jeanie Myers
09/30/96,A,Grand Junction,81505,970-241-4833,William L Nesbitt KG0ZI
10/05/96,A,Englewood,80112,303-795-5718,Dave Avery
10/05/96,A,Pueblo,81002,719-948-2291,Jon Mihalick
10/05/96,5,Sterling,80751,970-522-5787,Blaine Malmedal
10/12/96,A,Aspen,81611,303-945-6653,Bob Cutter
10/12/96,A,Colorado Springs,80910,719-596-5345,Erik Mugele, KG0XE
10/12/96,A,Denver,80220,303-360-7293,Glenn Schultz
10/12/96,A,Greeley,80631,970-356-1553,Donald E Ernest
10/14/96,A,Windsor,80550,303-484-3989,Annita St John or Don St John
10/20/96,A,Golden,80121,303-795-5718,David Avery
10/26/96,A,Longmont,80501,303-651-1075,Randal or Jan Abbott
10/27/96,5,Aurora,80011,303-364-6783,Lee Tingle
11/02/96,A,Englewood,80112,303-795-5718,Dave Avery
11/09/96,A,Denver,80220,303-360-7293,Glenn Schultz
11/09/96,A,Fort Collins,80523,970-350-4218,Steve Henry
11/09/96,A,Glenwood Springs,81601,970-945-6653,Robert Cutter
11/13/96,A,Windsor,80550,303-484-3989,Annita St John or Don St John
11/23/96,A,Longmont,80501,303-651-1075,Randal or Jan Abbott
11/23/96,A,Pueblo,81002,719-948-2291,Jon Mihalick
11/24/96,5,Aurora,80011,303-364-6783,Lee Tingle
12/07/96,A,Englewood,80112,303-795-5718,Dave Avery
12/07/96,5,Sterling,80751,970-522-5787,Blaine Malmedal
12/14/96,A,Colorado Springs,80910,719-596-5345,Erik Mugele, KG0XE
12/14/96,A,Denver,80220,303-360-7293,Glenn Schultz
12/14/96,A,Greeley,80631,970-356-1553,Donald E Ernest
12/16/96,A,Windsor,80550,303-484-3989,Annita St John or Don St John
12/28/96,A,Longmont,80501,303-651-1075,Randal or Jan Abbott
12/29/96,5,Aurora,80011,303-364-6783,Lee Tingle

CONNECTICUT
09/28/96,A,Bloomfield,06002,860-243-1611,Don Wilson
10/06/96,A,Milford,06460,203-874-1907,Richard Botsford, N1DRQ
10/08/96,A,Thomaston,06787,203-283-1044,Steven Dziadik
10/10/96,A,Farmington,06032,203-379-5708,Sue Fredrickson
10/12/96,A,Coventry,06238,860-742-5422,Mark Ireland
10/12/96,A,Fairfield,06430,203-261-3915,Joseph A Cassidy, NM1O
10/13/96,A,Durham,06422,203-235-6932,Joel T. Curneal
10/15/96,A,Middletown,06457,203-635-5020,Carl Brinck
10/17/96,A,West Hartford,06119,203-529-3743,Paul Lombardo
11/03/96,A,Milford,06460,203-874-1907,Richard Botsford, N1DRQ
11/07/96,A,Coventry,06238,860-742-5422,Mark Ireland
11/12/96,A,Thomaston,06787,203-283-1044,Steven Dziadik
11/14/96,A,Farmington,06032,203-379-5708,Sue Fredrickson
11/16/96,A,Coventry,06238,860-742-5422,Mark Ireland
11/21/96,A,West Hartford,06119,203-529-3743,Paul Lombardo
11/23/96,A,Gales Ferry,06335,203-376-2216,Rick George
11/26/96,A,Newington,06111,413-665-6611,Richard Strycharcz Jr
12/01/96,A,Milford,06460,203-874-1907,Richard Botsford, N1DRQ
12/05/96,A,Norwalk,06854,203-452-7671,John Salva
12/07/96,A,Brookfield,06804,203-438-0218,Frank Sileo
12/10/96,A,Thomaston,06787,203-283-1044,Steven Dziadik
12/12/96,A,Farmington,06032,203-379-5708,Sue Fredrickson
12/14/96,A,Coventry,06238,860-742-5422,Mark Ireland
12/19/96,A,West Hartford,06119,203-529-3743,Paul Lombardo

DELAWARE
10/19/96,A,Wilmington,19803,302-478-2757,Gisele Walls, K3WAJ
11/16/96,A,Wilmington,19803,302-478-2757,Gisele Walls, K3WAJ

FLORIDA
09/28/96,A,Fort Pierce,34947,407-879-0239,George W Daly
09/28/96,A,Marianna,32446,904-526-1849,Grady R Watson
09/28/96,A,Nocatee,33864,941-494-5070,Doug Christ
09/28/96,A,Sarasota,34239,941-922-8857,David Armbrust
09/28/96,A,Sarasota,34233,941-924-0943,George Schwab
09/28/96,A,Tavares,32778,904-343-8729,Paul E Branch
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12/05/96,A,Newton,67114,316-283-6042,Charles Dix
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10/06/96,A,Morehead,40351,606-674-6815,Steven E Duley
10/12/96,W,Irvine,40336,606-723-4500,Dwaine Riddell
10/12/96,A,Radcliff,40160,502-351-7242,Rick Tinsley
10/13/96,W,Lexington,40505,606-255-2123,Junior Carty
10/13/96,A,Maysville,41056,606-564-9838,Bob Drake N4VGI
10/14/96,5,Paducah,42003,502-444-7725,Bruce Huyck
10/16/96,A,Waddy,40076,502-839-4041,Jerry Shouse
11/03/96,A,Morehead,40351,606-674-6815,Steven E Duley
11/05/96,W,Hazard,41701,606-436-5354,John Farler
11/05/96,A,Middlesboro,40965,606-248-5078,Michael Harrell KD4XZ
11/09/96,W,Irvine,40336,606-723-4500,Dwaine Riddell
11/09/96,A,Louisville,40213,502-969-7332,Otis Herron
11/09/96,A,Radcliff,40160,502-351-7242,Rick Tinsley
11/20/96,A,Waddy,40076,502-839-4041,Jerry Shouse
11/22/96,5,Owensboro,42301,502-683-5051,Stanley Spencer
11/22/96,A,Somerset,42501,606-679-2442,Norman Ard
12/01/96,A,Morehead,40351,606-674-6815,Steven E Duley
12/03/96,W,Lexington,40505,606-255-2123,Junior Carty

12/03/96,A,Middlesboro,40965,606-248-5078,Michael Harrell KD4XZ
12/09/96,5,Paducah,42003,502-444-7725,Bruce Huyck
12/10/96,A,Hyden,41749,606-672-2017,Don McNamara
12/14/96,W,Irvine,40336,606-723-4500,Dwaine Riddell
12/14/96,A,Radcliff,40160,502-351-7242,Rick Tinsley
12/18/96,A,Waddy,40076,502-839-4041,Jerry Shouse

LOUISIANA
09/29/96,A,Baton Rouge,70819,504-272-4677,L Wayne Gordon
10/07/96,A,Prairieville,70769,504-755-7966,Vickie Fountain KJ5IJ
10/12/96,5,Shreveport,71108,318-635-4652,Tony Hall
10/19/96,5,Ruston,71270,318-377-2620,Frank C Morris
11/04/96,A,Prairieville,70769,504-755-7966,Vickie Fountain KJ5IJ
11/09/96,A,West Monroe,71291,318-396-3507,Donald C Frantom, Sr
11/16/96,5,Ruston,71270,318-377-2620,Frank C Morris
12/02/96,A,Prairieville,70769,504-755-7966,Vickie Fountain KJ5IJ
12/14/96,5,Shreveport,71108,318-635-4652,Tony Hall

MASSACHUSETTS
09/27/96,A,Holyoke,01040,413-245-3228,Ann Mullen
09/28/96,A,S Dartmouth,02748,508-991-6055,Lawrence Houbre
09/28/96,A,Worcester,01609,508-831-5435,Robert M Taylor
09/29/96,A,Shirley,01464,508-425-6672,Tom Sefrank WA1RHP
10/02/96,A,Acton,01720,508-562-5622,Charles D McCarthy
10/05/96,A,Boxborough,01720,508-774-1765,Dexter Wheeler
10/06/96,A,Boxborough,01720,508-774-1765,Dexter Wheeler
10/06/96,A,Shirley,01464,508-425-6672,Tom Sefrank WA1RHP
10/09/96,A,Billerica,01821,508-851-2886,Bruce Anderson
10/11/96,A,Ware,01082,413-967-7426,Tony Naglieri
10/12/96,A,Brewster,02631,508-255-2818,Henry Fales, Jr
10/12/96,A,Falmouth,02540,617-674-2349,Ronald N Morris
10/12/96,A,Sturbridge,01566,413-283-4269,Dennis Parent N1SZB
10/13/96,A,Gloucester,01930,508-281-5641,Rick Maybury
10/13/96,A,Shirley,01464,508-425-6672,Tom Sefrank WA1RHP
10/14/96,A,Boston,02115,617-593-1955,Bob Wondolowski
10/16/96,A,Lunenburg,01462,508-534-9377,Tom Duffy* Please see notes*
10/19/96,A,Dennis,02638,508-255-2818,Henry H Fales Jr
10/19/96,A,Lynn,01964,508-468-2780,Herbert G Ryan
10/19/96,A,Melrose,02176,617-322-7654,Scott Kingsley
10/20/96,A,Shirley,01464,508-425-6672,Tom Sefrank WA1RHP
10/23/96,5,Cambridge,02139,617-253-3776,Nick Alterndburnd
10/25/96,A,Holyoke,01040,413-245-3228,Ann Mullen
10/27/96,A,Shirley,01464,508-425-6672,Tom Sefrank WA1RHP
10/27/96,A,Southwick,01077,413-566-3010,Yorke Phillips
11/02/96,A,S Dartmouth,02748,508-991-6055,Lawrence Houbre
11/03/96,A,Shirley,01464,508-425-6672,Tom Sefrank WA1RHP
11/06/96,A,Acton,01720,508-562-5622,Charles D McCarthy
11/08/96,A,Ware,01082,413-967-7426,Tony Naglieri
11/09/96,A,Pittsfield,01201,413-528-9002,Tom Jaworki
11/10/96,A,Gloucester,01930,508-281-5641,Rick Maybury
11/10/96,A,Shirley,01464,508-425-6672,Tom Sefrank WA1RHP

11/11/96,A,Boston,02115,617-593-1955,Bob Wondolowski
11/16/96,A,Lynn,01964,508-468-2780,Herbert G Ryan
11/16/96,A,Melrose,02176,617-322-7654,Scott Kingsley
11/17/96,A,Shirley,01464,508-425-6672,Tom Sefrank WA1RHP
11/20/96,5,Cambridge,02139,617-253-3776,Nick Alterndburnd
11/20/96,A,Lunenburg,01462,508-534-9377,Tom Duffy* Please see notes*
11/22/96,A,Holyoke,01040,413-245-3228,Ann Mullen
11/24/96,A,Shirley,01464,508-425-6672,Tom Sefrank WA1RHP
11/25/96,A,Greenfield,01301,413-665-6611,Richard Strycharz, Jr
12/01/96,A,Shirley,01464,508-425-6672,Tom Sefrank WA1RHP
12/04/96,A,Acton,01720,508-562-5622,Charles D McCarthy
12/08/96,A,Gloucester,01930,508-281-5641,Rick Maybury
12/08/96,A,Shirley,01464,508-425-6672,Tom Sefrank WA1RHP
12/09/96,A,Boston,02115,617-593-1955,Bob Wondolowski
12/13/96,A,Ware,01082,413-967-7426,Tony Naglieri
12/14/96,A,Sturbridge,01566,413-283-4269,Dennis Parent N1SZB
12/15/96,A,Shirley,01464,508-425-6672,Tom Sefrank WA1RHP
12/18/96,5,Cambridge,02139,617-253-3776,Nick Alterndburnd
12/18/96,A,Lunenburg,01462,508-534-9377,Tom Duffy* Please see notes*
12/21/96,A,Dennis,02638,508-255-2818,Henry H Fales Jr
12/21/96,A,Lynn,01964,508-468-2780,Herbert G Ryan
12/21/96,A,Melrose,02176,617-322-7654,Scott Kingsley
12/22/96,A,Shirley,01464,508-425-6672,Tom Sefrank WA1RHP
12/27/96,A,Holyoke,01040,413-245-3228,Ann Mullen
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MARYLAND
09/29/96,A,Brunswick,21716,301-834-8831,Lester M Reynolds
10/06/96,5,Palmer Park,20785,301-773-2898,Freddie Battle
10/12/96,H,Cumberland,21501,304-289-3576,Leo Patterson 304-289-3576
10/17/96,A,Towson,21204,,further info may be obtained
10/19/96,L,Laurel,20707,301-572-5124,John Creel
11/03/96,A,Palmer Park,20785,301-773-2898,Freddie Battle
11/09/96,A,Baltimore,21211,410-668-2363,Adrian Nickles
11/16/96,L,Laurel,20707,301-572-5124,John Creel
11/16/96,A,Manchester,21102,410-239-8488,Ed Davis, KF2EN
12/01/96,5,Palmer Park,20785,301-773-2898,Freddie Battle
12/14/96,H,Cumberland,21501,304-289-3576,Leo Patterson 304-289-3576
12/19/96,A,Towson,21204,,further info may be obtained

MAINE
09/27/96,A,Alfred,04002,207-985-4825,John DiLiddo
10/02/96,A,Brunswick,04011,207-725-5155,Stephen A Hanks
10/13/96,A,Yarmouth,04096,207-846-7734,Dick Jackson
10/19/96,A,Eastport,04631,207-853-4704,Harold Goodman
10/19/96,A,Hermon,04401,207-843-6965,Kristen Hayward
10/22/96,A,Dixfield,04224,207-562-8979,Richard LaBrecque
10/22/96,A,Presque Isle,04769,207-455-8333,Wilburn Scott
10/22/96,A,Presque Isle,04769,207-455-8333,Wilburn A Scott
10/26/96,5,Bucksport,04416,207-565-3634,Norman Veillette
11/02/96,A,Portland,04102,207-856-6192,Barnie Reynolds

11/09/96,A,Houlton,04730,207-532-2823,Peter M Hurd N1SS
11/15/96,A,Alfred,04087,207-324-1718,Albert Noble Jr
12/08/96,A,Yarmouth,04096,207-846-7734,Dick Jackson
12/18/96,A,Brunswick,04011,207-725-5155,Stephen A Hanks

MICHIGAN
09/28/96,A,Allegan,49010,616-673-5340,Bryan Lane
09/28/96,A,Tawas City,48763,517-362-6019,John La Rock
09/29/96,A,Stevensville,49127,616-429-7574,Larry Schrader
10/01/96,A,Oak Park,48237,810-642-3608,Jeff Albrecht, N8WRY
10/05/96,5,Mount Clemens,48036,810-468-8345,William Chesmey
10/05/96,A,Petoskey,49770,616-526-5503,Floyd A Davis
10/05/96,A,Whitehall,49461,616-894-8325,James Durham
10/07/96,A,Kalamazoo,49002,616-323-8123,William D Vantilburg
10/07/96,5,Portage,49081,616-323-8123,Bill Van Tilburg
10/11/96,A,Grand Rapids,49505,616-458-6000,John W Wittmann
10/12/96,A,Ann Arbor,48108,313-663-4625,Claybourne Mitchell
10/12/96,A,Charlotte,48813,517-543-0398,John Dewey
10/12/96,A,Flint,48507,810-639-7646,Rodney Brown
10/12/96,A,Houghton,49931,906-337-2542,George R Thurner, W8FWG
10/12/96,A,Port Huron,48060,810-364-9640,Leon T Switzer
10/13/96,A,Stevensville,49127,616-429-7574,Larry Schrader
10/16/96,A,Grayling,49738,517-348-8663,Kenneth D Wright
10/19/96,A,Bay City,48708,517-892-1212,Deborah K Kirkbride
10/19/96,A,Flint,48501,810-634-6077,Bill Coale
10/19/96,5,Jackson,49203,517-782-1430,Richard McGuire KI8C
10/19/96,A,Manistee,49660,616-723-2119,Elmer Stamp
10/19/96,5,Monroe,48182,313-854-2224,W Paul Trouten
10/19/96,A,Watersmeet,49969,906-358-4517,Danie Reynolds
10/26/96,A,Allegan,49010,616-673-5340,Bryan Lane
11/02/96,5,Iron Mountain,49801,906-246-3641,F D Le Quia
11/02/96,5,Iron Mountain,49801,906-246-3641,F D Le Quia
11/02/96,5,Mount Clemens,48036,810-468-8345,William Chesmey
11/02/96,A,Petoskey,49770,616-526-5503,Floyd A Davis
11/02/96,A,Watersmeet,49969,906-358-4517,Danie Reynolds
11/02/96,A,Whitehall,49461,616-894-8325,James Durham
11/08/96,A,Grand Rapids,49505,616-458-6000,John W Wittmann
11/09/96,A,Ann Arbor,48108,313-663-4625,Claybourne Mitchell
11/09/96,A,Dearborn,48128,313-676-6248,Motor City Radio Club
11/09/96,A,Flint,48507,810-639-7646,Rodney Brown
11/10/96,A,Stevensville,49127,616-429-7574,Larry Schrader
11/16/96,A,Flint,48501,810-634-6077,Bill Coale
11/16/96,5,Jackson,49203,517-782-1430,Richard McGuire KI8C
11/16/96,A,Kalamazoo,49001,616-345-8892,David Watt
11/16/96,A,Traverse City,49684,616-946-5312,Chuck Mellberg W8SGR
11/23/96,A,Allegan,49010,616-673-5340,Bryan Lane
11/26/96,A,Laurium,49913,906-337-2542,George Thurner
12/02/96,A,Kalamazoo,49002,616-323-8123,William D Vantilburg
12/02/96,5,Portage,49081,616-323-8123,Bill Van Tilburg
12/03/96,A,Oak Park,48237,810-642-3608,Jeff Albrecht, N8WRY

12/07/96,5,Detroit,48034,810-471-6010,Dennis Mills
12/07/96,5,Mount Clemens,48036,810-468-8345,William Chesmey
12/07/96,A,Petoskey,49770,616-526-5503,Floyd A Davis
12/07/96,A,Whitehall,49461,616-894-8325,James Durham
12/11/96,A,Trenton,48183,313-676-6248,Motor City Radio Club
12/13/96,A,Grand Rapids,49505,616-458-6000,John W Wittmann
12/14/96,A,Ann Arbor,48108,313-663-4625,Claybourne Mitchell
12/14/96,A,Flint,48507,810-639-7646,Rodney Brown
12/14/96,A,Marquette,49855,906-249-3837,Richard Schwenke
12/14/96,A,Roscommon,48653,517-821-9427,Mark L Marsh
12/15/96,A,Stevensville,49127,616-429-7574,Larry Schrader
12/21/96,A,Flint,48501,810-634-6077,Bill Coale
12/21/96,5,Jackson,49203,517-782-1430,Richard McGuire KI8C
12/21/96,5,Monroe,48182,313-854-2224,W Paul Trouten
12/28/96,A,Allegan,49010,616-673-5340,Bryan Lane

MINNESOTA
09/28/96,A,Waite Park,56387,612-573-2613,Robert Bruner
10/07/96,A,Wadena,56482,218-837-5405,Barbara Ranson
10/10/96,A,Apple Valley,55124,612-432-0438,Bill Martin KA0CIR
10/12/96,A,Blaine,55434,612-571-7441,Arthur J Mundy
10/12/96,A,Bloomington,55431,612-888-9756,Daniel J Royer
10/15/96,A,Duluth,55802,218-626-2590,Douglas J Nelson
10/19/96,A,Cottage Grove,55016,612-459-8678,David Harrell
11/04/96,A,Wadena,56482,218-837-5405,Barbara Ranson
11/09/96,A,Blaine,55434,612-571-7441,Arthur J Mundy
11/09/96,A,Bloomington,55431,612-888-9756,Daniel J Royer
11/14/96,A,Apple Valley,55124,612-432-0438,Bill Martin KA0CIR
11/16/96,A,Cottage Grove,55016,612-459-8678,David Harrell
11/19/96,A,Duluth,55802,218-626-2590,Douglas J Nelson
11/23/96,A,N Branch,55056,612-444-9814,Bradley Fern
11/23/96,A,Waite Park,56387,612-573-2613,Robert Bruner
12/02/96,A,Wadena,56482,218-837-5405,Barbara Ranson
12/12/96,A,Apple Valley,55124,612-432-0438,Bill Martin KA0CIR
12/14/96,A,Blaine,55434,612-571-7441,Arthur J Mundy
12/14/96,A,Bloomington,55431,612-888-9756,Daniel J Royer

MISSOURI
09/28/96,5,Kansas City,64117,816-453-8028,Harold Wiliams
09/28/96,A,Kansas City,64108,816-241-4451,Joseph W Elliott, N0BNS
09/28/96,A,Rolla,65401,573-364-4885,Charles Konop
09/28/96,A,Springfield,65890,417-723-5671,Lonnie Allen N0TBO
10/03/96,5,Shell Knob,65747,417-858-2920,Travis Treat
10/05/96,A,Hannibal,63401,314-221-8618,Clifford H Ahrens
10/05/96,5,Kimberling City,65686,417-739-2888,Jim Davis
10/07/96,A,Jackson,63957,314-866-2622,Gerald Grasso
10/08/96,A,Columbia,65201,314-445-7030,Dewey Bennett
10/09/96,A,Camdenton,65020,573-369-3409,Ace J Hudson
10/10/96,A,Jefferson City,65101,573-635-3362,Alan Braun
10/13/96,A,Kirksville,63501,816-825-4721,Duane L Seibold
10/19/96,A,Springfield,65804,417-889-6775,James W Thorpe

10/19/96,A,St Louis,63135,314-510-3223,Ronald Lemons
10/22/96,A,Nevada,64772,417-667-2112,Carl B Pokorny
10/26/96,5,Kansas City,64117,816-453-8028,Harold Wiliams
10/27/96,A,Brookfield,64628,816-258-7445,Ronald Asher
11/02/96,5,Kimberling City,65686,417-739-2888,Jim Davis
11/04/96,A,Jackson,63957,314-866-2622,Gerald Grasso
11/07/96,5,Shell Knob,65747,417-858-2920,Travis Treat
11/10/96,A,Kirksville,63501,816-825-4721,Duane L Seibold
11/12/96,A,Columbia,65201,314-445-7030,Dewey Bennett
11/13/96,A,Camdenton,65020,573-369-3409,Ace J Hudson
11/13/96,5,Chillicothe,74447,918 756 4749,Jerry Wine
11/14/96,A,Jefferson City,65101,573-635-3362,Alan Braun
11/16/96,A,St Louis,63135,314-510-3223,Ronald Lemons
12/02/96,A,Jackson,63957,314-866-2622,Gerald Grasso
12/07/96,5,Kimberling City,65686,417-739-2888,Jim Davis
12/08/96,A,Kirksville,63501,816-825-4721,Duane L Seibold
12/10/96,A,Columbia,65201,314-445-7030,Dewey Bennett
12/11/96,A,Camdenton,65020,573-369-3409,Ace J Hudson
12/12/96,A,Jefferson City,65101,573-635-3362,Alan Braun
12/14/96,A,Springfield,65804,417-889-6775,James W Thorpe
12/14/96,A,St Louis,63135,314-510-3223,Ronald Lemons
12/16/96,A,Buffalo,65622,417-345-8923,Allan Campbell
12/29/96,A,Brookfield,64628,816-258-7445,Ronald Asher

MISSISSIPPI
10/05/96,A,Biloxi,39507,601-868-3450,Tommy Jackson KB5OGM
10/06/96,A,Biloxi,39507,601-868-3450,Tommy Jackson KB5OGM
10/08/96,A,Ocean Springs,39564,601-875-0222,Stanley Hecker
10/12/96,5,Hattiesburg,39401,601-583-0313,Walter Shields
10/19/96,A,Brookhaven,39601,601-833-4126,Homer Richardson
11/09/96,5,Hattiesburg,39401,601-583-0313,Walter Shields
11/12/96,A,Ocean Springs,39564,601-875-0222,Stanley Hecker
12/01/96,A,Laurel,39440,601-729-8087,Lee P Matthews

MONTANA
09/28/96,A,Billings,59101,406-656-6987,Donald Whitcomb
09/30/96,A,Hamilton,59840,406-961-2489,James R Wood Sr
10/08/96,A,Butte,59701,406-494-3066,Robert T Evans
10/11/96,5,Wolf Point,59225,406-392-5751,Loren Nichols
10/28/96,A,Hamilton,59840,406-961-2489,James R Wood Sr
10/28/96,A,Miles City,59301,406-232-3401,C Robin Brooks
11/04/96,5,Helena,59601,406-442-7107,John Geach
11/16/96,A,Billings,59101,406-656-6987,Donald Whitcomb
11/21/96,5,Kalispell,59901,406-756-8633,Darrell Christophers
11/25/96,A,Hamilton,59840,406-961-2489,James R Wood Sr
11/25/96,A,Miles City,59301,406-232-3401,C Robin Brooks
12/10/96,A,Butte,59701,406-494-3066,Robert T Evans
12/23/96,A,Miles City,59301,406-232-3401,C Robin Brooks
12/30/96,A,Hamilton,59840,406-961-2489,James R Wood Sr

NORTH CAROLINA
09/28/96,A,Franklin,28734,704-369-6820,A.S. (Jack) Coriell
09/28/96,A,Morganton,28655,704-433-6205,Thomas D Taylor Sr
09/28/96,A,New Bern,28562,919-633-3178,Charlie Gould
09/28/96,A,Rocky Mount,27804,919-442-6131,William P Thomas
09/29/96,A,Clemmons,27012,910 766 8667,David Fleming
09/29/96,A,New Bern,28562,919-633-3178,Charlie Gould
09/29/96,A,Newton,28658,704-324-4148,Don A Duckett
09/29/96,A,Winston-Salem,27102,910-766-8667,David Fleming
10/12/96,A,Franklinton,27525,919-494-2088,Terry Murphy
10/12/96,A,Hillsborough,27278,919-644-8681,David J. Snyder
10/12/96,A,Wilmington,28412,910-791-1566,Jack Jacobs
10/12/96,A,Yadkinville,27055,910-961-8741,Steve Hutchens
10/19/96,W,Asheville,28748,704-628-2681,Don Linn
10/19/96,A,Gastonia,28054,704-864-4388,Cyrus B Rowe
10/19/96,A,Smithfield,27577,919-554-2154,David Hockaday
10/19/96,W,Spindale,28076,704-657-5464,F Bruce Tessinear
10/26/96,A,Morganton,28655,704-433-6205,Thomas D Taylor Sr
11/02/96,W,Brevard,28712,704-877-4757,W Harrison Whitlock
11/02/96,A,Statesville,28677,704-873-4446,Tim Misenheimer
11/04/96,A,Buies Creek,27506,910-897-2550,Mark Hammond
11/09/96,W,Burnsville,28714,704-675-9044,David McCarty
11/09/96,A,Durham,27703,919-494-2088,Terrence J Murphy
11/09/96,5,Jefferson,28643,910-384-2870,Chet Rataski
11/09/96,W,Robbinsville,28771,704-479-3173,Janet Ward
11/16/96,A,Clinton,28328,910-592-5926,Joseph P Powell
11/16/96,T,Lexington,27292,910-841-7576,Jim Williamson NQ4T
11/16/96,A,Morehead City,28557,919-247-6240,Cecil Pennington
11/16/96,A,Smithfield,27577,919-554-2154,David Hockaday
11/17/96,W,Asheville,28787,704-645-3511,Steve Lanford
11/23/96,A,Morganton,28655,704-433-6205,Thomas D Taylor Sr
11/23/96,A,Rocky Mount,27804,919-442-6131,William P Thomas
11/28/96,A,Washington,27889,919-975-6098,Robert Richardson KR4TW
11/30/96,W,Hendersonville,28806,423-688-7771,WCARS VEC
12/07/96,W,Shelby,28150,704-937-9697,Bobby Fisher
12/14/96,A,Franklinton,27525,919-494-2088,Terry Murphy
12/14/96,A,Hillsborough,27278,919-644-8681,David J. Snyder
12/14/96,W,Leicester,28748,704-683-1400,Larry E York
12/14/96,W,Marion,28752,704-668-3176,Randy Freeman
12/14/96,A,Wilmington,28412,910-791-1566,Jack Jacobs
12/15/96,5,Monroe,28110,803-286-5299,Charles Teague
12/21/96,A,Smithfield,27577,919-554-2154,David Hockaday
12/28/96,A,Morganton,28655,704-433-6205,Thomas D Taylor Sr
12/29/96,A,Clemmons,27012,910 766 8667,David Fleming
12/29/96,A,Winston-Salem,27102,910-766-8667,David Fleming

NORTH DAKOTA
09/28/96,A,Jamestown,58401,701-251-2035,Tom Spafford

NEBRASKA
10/26/96,A,Lincoln,68521,402-486-1400,John Hauner

NEW HAMPSHIRE
09/28/96,A,Newport,03773,603-542-4906,Leigh A Damren, WB1EAE
10/05/96,A,Rochester,03060,603-672-4035,James Heedles
10/19/96,A,Rochester,03867,603-742-0130,William Dodge
10/24/96,A,Salem,03079,603-434-4490,Denise Cabana
12/07/96,A,Newport,03773,603-542-4906,Leigh A Damren, WB1EAE
12/14/96,A,Nashua,03060,603-672-4035,James Heedles

NEW JERSEY
09/28/96,A,Dennisville,08214,609-884-8117,John Chester AA2TZ
09/28/96,A,Hackettstown,07840,201-579-6241,Bonita M Johnson
09/28/96,A,Raritan,08869,908-968-6911,Marty Ficke KD2QK
10/01/96,A,Westfield,07091,908-704-9700,Steve Ostrove
10/07/96,A,Sayreville,08872,908-754-5800,Larry Makoski
10/09/96,A,Fort Monmouth,07703,908-532-5354,Gerald Silverman
10/12/96,A,Cranford,07016,908-819-0678,Eldred A Moore (Drew)
10/13/96,A,Lincroft,07738,908-532-5354,Gerald Silverman, WB2GYS
10/14/96,A,Nutley,07110,201-743-3515,Dennis Sabato KB2TCS
10/15/96,A,Essex Fells,07932,201-377-4776,Ken Roser
10/16/96,A,Sussex,07461,201-875-3407,Raymond Czyzewski, Jr
10/17/96,5,Bellmawr,08099,609-939-3032,William O'Donnell
10/19/96,A,Jackson,08527,908-270-2625,John Glowacki
10/19/96,A,Ramsey,07446,201-445-5172,Andrew G Birmingham
10/26/96,A,Dennisville,08214,609-884-8117,John Chester AA2TZ
11/04/96,A,Sayreville,08872,908-754-5800,Larry Makoski
11/09/96,A,Cranford,07016,908-819-0678,Eldred A Moore (Drew)
11/11/96,A,Hopatcong,07843,201-579-6241,Bonnie Johnson (Bonita)
11/13/96,A,Fort Monmouth,07703,908-532-5354,Gerald Silverman
11/14/96,5,Paterson,07072,201 935 4840,John Chooljian
11/19/96,A,Essex Fells,07932,201-377-4776,Ken Roser
11/21/96,5,Bellmawr,08099,609-939-3032,William O'Donnell
11/23/96,A,Ramsey,07446,201-445-5172,Andrew G Birmingham
12/02/96,A,Sayreville,08872,908-754-5800,Larry Makoski
12/07/96,A,Raritan,08869,908-968-6911,Marty Ficke KD2QK
12/11/96,A,Fort Monmouth,07703,908-532-5354,Gerald Silverman
12/14/96,A,Cranford,07016,908-819-0678,Eldred A Moore (Drew)
12/14/96,A,Ramsey,07446,201-445-5172,Andrew G Birmingham
12/17/96,A,Essex Fells,07932,201-377-4776,Ken Roser
12/19/96,5,Bellmawr,08099,609-939-3032,William O'Donnell

NEW MEXICO
09/28/96,A,Roswell,88201,505-622-7736,Harry A Machen
10/12/96,A,Farmington,87401,505-326-1803,Pat McGraw
11/09/96,5,Albuquerque,87110,505-299-4128,Peter De Wolf
11/19/96,A,White Rock,87544,505-672-1007,Michael E Smith
11/21/96,A,Los Alamos,87544,505-662-9155,James S Griffiths, KB3EI
11/23/96,A,Socorro,87801,505-835-5225,Dr Kalman Oravecz

NEVADA
10/05/96,A,Henderson,89015,702-565-0242,Janet Welsh
10/19/96,A,Reno,89502,702-826-0329,Jesse L Bond
11/02/96,A,Henderson,89015,702-565-0242,Janet Welsh

11/16/96,A,Minden,89423,702-265-4278,George S Uebele
12/07/96,A,Henderson,89015,702-565-0242,Janet Welsh
12/21/96,A,Reno,89502,702-826-0329,Jesse L Bond

NEW YORK
09/27/96,A,Binghamton,13901,607-748-5232,William D Coleman
09/28/96,A,Blue Point,11743,516-224-7114,Leonard Buonaiuto
09/28/96,A,Carmel,10512,914-736-0368,Malcom G Pritchard
09/28/96,A,Flushing,11426,718-347-2898,Larry Lutzak
09/28/96,A,Jamestown,14701,716-483-3365,Randall Bargar
09/28/96,5,Rochester,14623,716-334-1533,George Platteter
09/28/96,A,White Plains,10601,914-285-3029,Sandy Fried
09/30/96,A,New York,10023,212-456-5224,Jerry Cudmore
10/03/96,5,Camillus,13031,315-468-2540,John M Patchett II
10/03/96,5,Rochester,14620,716-621-7678,Mike Eeckhout
10/04/96,A,Oriskany,13424,315-732-7078,Richard Roberts KB2HGM
10/05/96,A,Islip,11751,516-234-0589,Addison Levi
10/06/96,A,Greenvale,11568,516-623-6449,Al Bender
10/06/96,A,Yonkers,10710,914-237-5589,Emily Maytan AC2V
10/07/96,A,Schenectady,12304,518-399-1793,Charles Haynes, KA2VNP
10/08/96,5,Hicksville,11725,516-499-2214,Robert Wexelbaum
10/08/96,A,Pomona,10970,914-357-0712,Steve Koeper
10/10/96,A,White Plains,10601,914-285-3029,Sandy Fried
10/12/96,5,Arcade,14437,716-335-3804,Barbara Weirich
10/12/96,A,Greenvale,11568,516-623-6449,Al Bender
10/12/96,A,Troy,12180,518-439-7357,Nels Williams, WB2SBO
10/16/96,A,Lancaster,14086,716-937-3592,Charles Koester
10/18/96,A,Southold,11971,516-323-3646,Ralph Williams
10/18/96,5,Verona,13478,315-853-8974,Leonard Popyack
10/19/96,A,Arkville,12406,914-586-3893,Harold Murken
10/19/96,A,Huntington,11743,516-266-3192,Joseph Coffield
10/19/96,A,Lake Huntington,12752,914-932-8544,Frank Szabo
10/19/96,5,Rochester,14623,716-334-1533,George Platteter
10/20/96,A,Huntington,11742,516-732 0037,George Martin
10/20/96,A,Melville,11747,516-732-0037,George Martin
10/20/96,A,Suffern,10970,914-357-0712,Steve Koeper, KF2JA
10/21/96,A,New York,10025,212-854-3754,Alan Crosswell N2YGK
10/26/96,A,Bath,14810,607-569-2353,James White, KV2W
10/26/96,A,Blue Point,11743,516-224-7114,Leonard Buonaiuto
10/27/96,A,N Lindenhurst,11757,516-422-9684,Tom Carrubba KA2DFO
10/28/96,A,New York,10023,212-456-5224,Jerry Cudmore
10/29/96,A,Brooklyn,11214,718-948-2290,Harvey J Bird KB2EA
11/01/96,A,Oriskany,13424,315-732-7078,Richard Roberts KB2HGM
11/02/96,A,Islip,11751,516-234-0589,Addison Levi
11/03/96,A,Yonkers,10710,914-237-5589,Emily Maytan AC2V
11/07/96,5,Camillus,13031,315-468-2540,John M Patchett II
11/07/96,5,Rochester,14620,716-621-7678,Mike Eeckhout
11/09/96,5,Arcade,14437,716-335-3804,Barbara Weirich
11/09/96,A,Greenvale,11568,516-623-6449,Al Bender
11/09/96,A,Troy,12180,518-439-7357,Nels Williams, WB2SBO

11/10/96,5,Bronx,10454,718-993-3269,Ruben Alala
11/12/96,5,Hicksville,11725,516-499-2214,Robert Wexelbaum
11/12/96,A,Pomona,10970,914-357-0712,Steve Koeper
11/15/96,5,Verona,13478,315-853-8974,Leonard Popyack
11/16/96,A,Huntington,11743,516-266-3192,Joseph Coffield
11/16/96,A,Modena,12548,914-566-0936,Dan Conna
11/16/96,5,Rochester,14623,716-334-1533,George Platteter
11/18/96,A,New York,10025,212-854-3754,Alan Crosswell N2YGK
11/18/96,A,New York,10023,212-456-5224,Jerry Cudmore
11/19/96,5,Pelham,10803,914-738-5775,Mike Ciferri
11/20/96,A,Schenectady,12308,518-399-1793,Charlie Haynes KA2VNP
11/23/96,A,Blue Point,11743,516-224-7114,Leonard Buonaiuto
11/24/96,A,N Lindenhurst,11757,516-422-9684,Tom Carrubba KA2DFO
11/24/96,A,Suffern,10970,914-357-0712,Steve Koeper, KF2JA
11/26/96,A,Brooklyn,11214,718-948-2290,Harvey J Bird KB2EA
12/02/96,A,Schenectady,12304,518-399-1793,Charles Haynes, KA2VNP
12/02/96,A,Yonkers,10710,914-237-5589,Emily Maytan AC2V
12/05/96,5,Camillus,13031,315-468-2540,John M Patchett II
12/05/96,5,Rochester,14620,716-621-7678,Mike Eeckhout
12/06/96,A,Oriskany,13424,315-732-7078,Richard Roberts KB2HGM
12/07/96,A,Islip,11751,516-234-0589,Addison Levi
12/08/96,5,Bronx,10454,718-993-3269,Ruben Alala
12/08/96,A,St Albans,11412,718-981-8876,Gwen (Vikki) Neal
12/09/96,A,New York,10023,212-456-5224,Jerry Cudmore
12/10/96,5,Hicksville,11725,516-499-2214,Robert Wexelbaum
12/10/96,A,Pomona,10970,914-357-0712,Steve Koeper
12/11/96,A,White Plains,10601,914-285-3029,Sandy Fried
12/14/96,5,Arcade,14437,716-335-3804,Barbara Weirich
12/14/96,A,Greenvale,11568,516-623-6449,Al Bender
12/14/96,A,Kingston,12401,914-876-2963,Robert Micrie KY2J
12/16/96,A,New York,10025,212-854-3754,Alan Crosswell N2YGK
12/18/96,A,Lancaster,14086,716-937-3592,Charles Koester
12/20/96,5,Verona,13478,315-853-8974,Leonard Popyack
12/21/96,A,Huntington,11743,516-266-3192,Joseph Coffield
12/21/96,5,Rochester,14623,716-334-1533,George Platteter
12/22/96,A,N Lindenhurst,11757,516-422-9684,Tom Carrubba KA2DFO
12/22/96,A,Suffern,10970,914-357-0712,Steve Koeper, KF2JA
12/28/96,A,Blue Point,11743,516-224-7114,Leonard Buonaiuto

OHIO
09/28/96,A,Akron,44319,216-336-7975,John Riding KB8UHV
09/28/96,A,Chillicothe,45690,614-947-5529,Tony Dryden Sr
09/28/96,A,Cincinnati,45216,513-574-1653,James Reilly
09/28/96,A,Delta,43515,419-826-7401,Tom Copeland N8MAV
09/28/96,A,Fremont,43420,419-334-2728,Chuck Foster Sr
09/28/96,A,Hubbard,44425,216-534-1394,James Viele
09/28/96,A,Lisbon,44432,216-532-3131,Evelyn Mc Intosh Pastora
09/28/96,A,Mount Vernon,43050,614-625-5504,Michael W White
09/28/96,A,Springfield,45506,513-324-0613,Tim Boldman
09/29/96,A,Cleveland,44135,216-433-5643,Nancy Rabel Hall

09/29/96,A,Coshocton,43812,614-623-0413,Hawood Giles, AA8UW
09/29/96,A,Fremont,43420,419-334-2728,Chuck Foster Sr
10/01/96,A,Canfield,44515,216-799-6832,Frank L Mc Cormick
10/05/96,A,Cincinnati,45216,513-891-7556,Herbert C Blasberg
10/05/96,A,Mentor,44060,216-256-0320,R Scott Farnham
10/06/96,A,Eaton,45320,513-456-3229,Jeffry Blackmon
10/09/96,5,Middletown,45042,513 423 5893,Donald Viel
10/12/96,5,Findlay,45839,419-423-1339,Fred Laube
10/12/96,A,Georgetown,45121,513-734-7321,Raymond Day
10/12/96,A,Indian Springs,45011,513-868-7012,Ted Wilson
10/12/96,A,Maumee,43537,419-693-3023,Ross H Mergenthaler
10/12/96,5,Van Wert,45891,419-795-5763,Robert E High
10/16/96,A,Dayton,45402,937-837-0271,L T Jones W8RLW
10/16/96,5,Martins Ferry,43940,614-676-3056,Allan Olexa
10/19/96,A,Greenville,45331,513-548-3010,Leon Harshbarger N8QAL
10/19/96,A,Mansfield,44903,419-524-1105,Scott Yonally KC8SS
10/20/96,A,Lancaster,43130,614-654-8167,Allen Sellers
10/26/96,A,Delta,43515,419-826-7401,Tom Copeland N8MAV
11/02/96,A,Cincinnati,45216,513-891-7556,Herbert C Blasberg
11/02/96,A,Cincinnati,45216,513-574-1653,James Reilly
11/03/96,A,Eaton,45320,513-456-3229,Jeffry Blackmon
11/03/96,A,Marion,43302,614-499-3565,Stephen Eckard
11/04/96,A,Akron,44314,216-733-4495,Paul Davis K8NQT
11/04/96,A,Newark,43055,614-587-1223,Joe Santo
11/05/96,A,Canfield,44515,216-799-6832,Frank L Mc Cormick
11/09/96,A,Dayton,45469,937-426-8717,Chuck Gauder N8GIO
11/09/96,A,Indian Springs,45011,513-868-7012,Ted Wilson
11/09/96,A,Maumee,43537,419-693-3023,Ross H Mergenthaler
11/09/96,A,Proctorville,45669,614-894-5541,James Brown KA8ZZI
11/09/96,A,Van Wert,45891,419-795-5763,Robert E High
11/09/96,A,Westerville,43081,614-861-6916,William Tabor, K8NIO
11/10/96,A,Independence,44131,216-642-1399,Gary Dewey
11/16/96,5,Portsmouth,45657,614-372-5811,Jack King
11/21/96,A,Youngstown,44502,216-534-1394,James Viele
11/23/96,A,Delta,43515,419-826-7401,Tom Copeland N8MAV
11/24/96,A,Millersburg,44654,216-359-5527,Rose Emick KB8RQU
11/27/96,5,Middletown,45042,513 423 5893,Donald Viel
11/30/96,A,Canton,44705,216-837-2927,Gary Kline
11/30/96,A,Fremont,43420,419-334-2728,Chuck Foster Sr
12/01/96,A,Eaton,45320,513-456-3229,Jeffry Blackmon
12/03/96,A,Canfield,44515,216-799-6832,Frank L Mc Cormick
12/07/96,A,Cincinnati,45216,513-891-7556,Herbert C Blasberg
12/07/96,A,Mentor,44060,216-256-0320,R Scott Farnham
12/08/96,A,Coshocton,43812,614-623-0413,Hawood Giles, AA8UW
12/14/96,A,Dayton,45469,937-426-8717,Chuck Gauder N8GIO
12/14/96,5,Findlay,45839,419-423-1339,Fred Laube
12/14/96,A,Indian Springs,45011,513-868-7012,Ted Wilson
12/14/96,A,Maumee,43537,419-693-3023,Ross H Mergenthaler
12/14/96,5,Van Wert,45891,419-795-5763,Robert E High
12/15/96,A,Lancaster,43130,614-654-8167,Allen Sellers

12/18/96,5,Martins Ferry,43940,614-676-3056,Allan Olexa
12/21/96,A,Greenville,45331,513-548-3010,Leon Harshbarger N8QAL
12/28/96,A,Delta,43515,419-826-7401,Tom Copeland N8MAV

OKLAHOMA
09/28/96,5,Catoosa,74011,918-455-6208,Don Feigel WD5EHU
09/28/96,5,Marlow,73055,405-658-5422,Donald B Green
09/28/96,A,Tulsa,74129,918-743-2517,Wayne Rumley II
09/29/96,A,Tulsa,74129,918-743-2517,Wayne Rumley II
10/05/96,A,Broken Arrow,74012,918-251-3449,Sam Morris
10/05/96,A,Ponca City,74631,405-762-1966,Mark E Byard
10/12/96,5,Hugo,74743,405-326-2448,Garry Parker
10/12/96,A,Norman,73069,405-329-1681,John Copeland
10/15/96,A,Miami,74354,918-542-7142,Gary Sherard
10/18/96,5,Pawhuska,74050,918-287-3665,Jack Chidester
10/21/96,5,Oklahoma City,73008,405-789-8535,William Wolfenbarger
10/22/96,A,Altus,73521,405-266-3357,George Mteyko
10/22/96,5,Duncan,73505,405-353-5722,Jim Arterberry
10/22/96,5,Okmulgee,74447,918-756-4749,Ray Stewart
10/22/96,5,Shawnee,74801,405-275-3935,James Drummond
10/26/96,5,Catoosa,74011,918-455-6208,Don Feigel WD5EHU
11/02/96,A,Broken Arrow,74012,918-251-3449,Sam Morris
11/09/96,5,Hugo,74743,405-326-2448,Garry Parker
11/09/96,A,Norman,73069,405-329-1681,John Copeland
11/10/96,5,Stillwater,54077,405-377-7586,Kenneth Case
11/15/96,5,Pawhuska,74050,918-287-3665,Jack Chidester
11/18/96,5,Oklahoma City,73008,405-789-8535,William Wolfenbarger
11/19/96,A,Miami,74354,918-542-7142,Gary Sherard
11/20/96,A,Tulsa,74106,918-627-0392,Georgia McReynolds
11/26/96,A,Altus,73521,405-266-3357,George Mteyko
11/26/96,5,Duncan,73505,405-353-5722,Jim Arterberry
11/26/96,5,Okmulgee,74447,918-756-4749,Ray Stewart
11/26/96,5,Shawnee,74801,405-275-3935,James Drummond
11/30/96,5,Catoosa,74011,918-455-6208,Don Feigel WD5EHU
12/07/96,A,Broken Arrow,74012,918-251-3449,Sam Morris
12/07/96,A,Ponca City,74631,405-762-1966,Mark E Byard
12/14/96,5,Hugo,74743,405-326-2448,Garry Parker
12/14/96,A,Norman,73069,405-329-1681,John Copeland
12/16/96,5,Oklahoma City,73008,405-789-8535,William Wolfenbarger
12/17/96,A,Altus,73521,405-266-3357,George Mteyko
12/17/96,5,Duncan,73505,405-353-5722,Jim Arterberry
12/17/96,A,Miami,74354,918-542-7142,Gary Sherard
12/17/96,5,Shawnee,74801,405-275-3935,James Drummond
12/20/96,5,Pawhuska,74050,918-287-3665,Jack Chidester
12/28/96,5,Catoosa,74011,918-455-6208,Don Feigel WD5EHU

OREGON
09/28/96,A,Eugene,97405,541-935-2518,Bary Foster AA7LE
09/28/96,A,Klamath Falls,97601,503-883-1737,Brad Carder
10/05/96,5,Brookings,97415,541-469-7029,Arlon Helms
10/05/96,5,Lincoln City,97367,541-994-3113,Carl Schmauder

10/09/96,5,Pendleton,97813,541-566-3597,Michael Duffy
10/09/96,A,Roseburg,97470,503-672-5884,Melvin R Trammell
10/09/96,A,Roseburg,97470,503-672-7564,Anne Wolfe
10/13/96,A,Portland,97216,503-642-5803,Edith Litvin
10/13/96,A,Portland,97075,503-626-7399,John Mackey
10/14/96,A,Sisters,97759,541-389-7194,Mary Winter N7RGD
10/15/96,A,Newberg,97132,503-538-7109,Charlie Hindman KG7JR
10/19/96,A,Medford,97501,541-878-3433,Paul Miller
10/19/96,A,Newport,97365,503-563-3866,Philip Smith
10/27/96,A,Portland,97075,503-626-7399,John Mackey
11/09/96,A,Albany,97321,503-838-4865,Alesa M Nason KA7UGQ
11/10/96,A,Portland,97075,503-626-7399,John Mackey
11/13/96,A,Roseburg,97470,503-672-7564,Anne Wolfe
11/16/96,A,Newport,97365,503-563-3866,Philip Smith
11/20/96,S,Florence,97439,503-997-2323,Hal Lock N7NNA
11/24/96,A,Portland,97075,503-626-7399,John Mackey
12/07/96,5,Brookings,97415,541-469-7029,Arlon Helms
12/07/96,5,Lincoln City,97367,541-994-3113,Carl Schmauder
12/08/96,A,Portland,97075,503-626-7399,John Mackey
12/09/96,5,Medford,97501,541-772-6865,Dale Trautman
12/11/96,5,Pendleton,97813,541-566-3597,Michael Duffy
12/11/96,A,Roseburg,97470,503-672-5884,Melvin R Trammell
12/11/96,A,Roseburg,97470,503-672-7564,Anne Wolfe
12/13/96,5,Grants Pass,97526,541-474-0205,Clyde Little
12/21/96,A,Newport,97365,503-563-3866,Philip Smith
12/22/96,A,Portland,97075,503-626-7399,John Mackey

PENNSYLVANIA
09/28/96,A,Erie,16541,814-734-4260,Dr John J Duda
09/28/96,A,Greensburg,15601,412-523-4261,Richard Beaver
09/28/96,5,Media,19086,610-565-8477,Jim Goldman
09/28/96,A,Middletown,17057,717-944-5037,Michael Kalbaugh N3HLK
09/28/96,A,Montoursville,17754,717-326-6464,Robert L Hamaker
09/28/96,A,Pittsburgh,15326,412-885-8073,Dennis Tanner
09/28/96,A,Pittsburgh,15326,412-885-8073,Dennis M Tanner
09/29/96,A,Hanover,17331,717-359-7090,William M Wolfgang
10/03/96,5,Levittown,19067,215-946-1040,David Heller
10/03/96,A,Philadelphia,19103,215-482-0386,William E Rhoads Sr
10/04/96,A,Nazareth,18064,215-820-0944,Robin C Moseley
10/05/96,A,Bristol,19001,215-943-4886,George LeNoir Jr
10/05/96,A,Erie,16505,814-665-9124,Norma Vanderhoff
10/05/96,A,Kingsley,18826,717-289-4291,Herman R Appleman
10/05/96,5,New Eagle,15037,412_751_4373,William Cioccio
10/05/96,A,Pittsburgh,15226,412-563-2379,Jim Cottrill
10/07/96,A,Myerstown,17067,717-933-4609,Thomas Fox N3XAP
10/09/96,L,Scranton,18510,717-342-8591,Art Sposto
10/10/96,5,Ambridge,15010,412-846-2667,Mike Emerling
10/12/96,5,N Huntington,15022,412-483-7135,Ricardo Morales
10/12/96,A,New Castle,16102,412-667-1166,Gary Pirkkala
10/12/96,A,New Kensington,15068,412-351-1562,Louis H Zimmerman

10/12/96,A,Shrewsbury,17361,717-235-0273,Carol Kirschman
10/17/96,A,East Stroudsburg,18301,717-424-0945,Dave Haney
10/17/96,5,Philipsburg,16866,814-342-0696,David Runk
10/17/96,A,Pittsburgh,15228,412-922-1257,Ronald E Lentz
10/19/96,5,Elco,15483,412-938-8125,Charles Furlong
10/19/96,A,Erie,16541,814-734-4260,Dr John J Duda
10/19/96,A,Pittsburgh,15212,412-371-9983,E S Dorsey
10/20/96,5,Norristown,19401,610-279-1897,Raymond Patton
10/21/96,A,Telford,18969,215-679-5764,Warren Erdman
10/24/96,5,New Castle,16112,412-667-9451,Fred Van Natten
10/26/96,A,Altoona,16602,814-942-9271,Clifford P Kendall
10/26/96,A,Indiana,15701,412-479-8117,Paul Williams NY3T
10/26/96,A,Reading,19607,215-678-8976,Harry Hoffman
10/28/96,A,Danville,17821,717-784-2299,George Law
10/30/96,A,Matamoras,18336,914-856-0426,Ray Rothstein AA2WC
11/02/96,A,Bristol,19001,215-943-4886,George LeNoir Jr
11/02/96,A,Bryn Mawr,19406,610-265-6032,Robert Lees
11/02/96,A,Erie,16505,814-665-9124,Norma Vanderhoff
11/02/96,A,Honesdale,18431,717-253-5201,Vincent J Banville
11/02/96,A,Pittsburgh,15237,412-372-3417,Norm Sperling N3IEY
11/02/96,A,Tamaqua,18252,717-668-3098,Allen R Breiner Sr W3TI
11/07/96,5,Levittown,19067,215-946-1040,David Heller
11/07/96,A,Philadelphia,19103,215-482-0386,William E Rhoads Sr
11/08/96,A,Nazareth,18064,215-820-0944,Robin C Moseley
11/09/96,A,Butler,16001,412-282-6777,Gerald Wetzel
11/09/96,5,N Huntington,15022,412-483-7135,Ricardo Morales
11/09/96,A,New Castle,16102,412-667-1166,Gary Pirkkala
11/10/96,A,Houston,15342,412-222-6473,Alexander Lockman WB3BZK
11/13/96,A,Scranton,18508,717-342-8591,Art Sposto
11/14/96,5,Ambridge,15010,412-846-2667,Mike Emerling
11/16/96,5,Elco,15483,412-938-8125,Charles Furlong
11/16/96,A,Ephrata,17522,717-626-2623,Joseph Lerman
11/16/96,A,Erie,16541,814-734-4260,Dr John J Duda
11/17/96,5,Norristown,19401,610-279-1897,Raymond Patton
11/18/96,A,Telford,18969,215-679-5764,Warren Erdman
11/21/96,A,East Stroudsburg,18301,717-424-0945,Dave Haney
11/21/96,5,New Castle,16112,412-667-9451,Fred Van Natten
11/23/96,A,Pittsburgh,15326,412-885-8073,Dennis Tanner
11/27/96,A,Matamoras,18336,914-856-0426,Ray Rothstein AA2WC
11/30/96,A,Greensburg,15601,412-523-4261,Richard Beaver
12/01/96,A,UnionTown,15401,412-246-2870,John Cermak
12/05/96,5,Levittown,19067,215-946-1040,David Heller
12/05/96,A,Philadelphia,19103,215-482-0386,William E Rhoads Sr
12/06/96,A,Nazareth,18064,215-820-0944,Robin C Moseley
12/07/96,A,Bristol,19001,215-943-4886,George LeNoir Jr
12/07/96,A,Erie,16505,814-665-9124,Norma Vanderhoff
12/07/96,5,New Eagle,15037,412_751_4373,William Cioccio
12/07/96,A,Newtown Square,19073,215-622-2200,Walter Faust
12/07/96,A,Pittsburgh,15226,412-563-2379,Jim Cottrill
12/11/96,A,Scranton,18508,717-342-8591,Art Sposto

12/12/96,5,Ambridge,15010,412-846-2667,Mike Emerling
12/14/96,A,Honesdale,18431,717-253-5201,Vincent J Banville
12/14/96,5,Media,19086,610-565-8477,Jim Goldman
12/14/96,5,N Huntington,15022,412-483-7135,Ricardo Morales
12/14/96,A,New Castle,16102,412-667-1166,Gary Pirkkala
12/14/96,A,Shrewsbury,17361,717-235-0273,Carol Kirschman
12/15/96,5,Norristown,19401,610-279-1897,Raymond Patton
12/16/96,A,Oakdale,15071,412-833-6049,Mark Strayer KE3JA
12/16/96,A,Telford,18969,215-679-5764,Warren Erdman
12/19/96,A,East Stroudsburg,18301,717-424-0945,Dave Haney
12/19/96,5,New Castle,16112,412-667-9451,Fred Van Natten
12/21/96,5,Elco,15483,412-938-8125,Charles Furlong
12/21/96,A,Erie,16541,814-734-4260,Dr John J Duda

RHODE ISLAND
09/28/96,A,Conventry,02816,401-822-2592,Tom Senerchia KA1VAY
09/28/96,A,Middletown,02840,401-683-2250,Jack P Garforth
09/28/96,A,Slatersville,02864,401-333-2129,Robert Beaudet
10/10/96,A,Providence,02910,401-231-9156,Judy Nelson, KC1RI
10/17/96,A,Providence,02910,401-231-9156,Judy Nelson, KC1RI
10/26/96,A,Slatersville,02864,401-333-2129,Robert Beaudet
11/03/96,A,East Providence,02916,508-761-5296,Paul Prew NZ1P
11/14/96,A,Providence,02910,401-231-9156,Judy Nelson, KC1RI
11/30/96,A,Slatersville,02864,401-333-2129,Robert Beaudet
12/12/96,A,Providence,02910,401-231-9156,Judy Nelson, KC1RI
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SOUTH CAROLINA
10/05/96,W,Greenville,29602,803-967-0001,Sue Chism
10/08/96,W,Spartanburg,29302,803-576-5566,H Peter Theiler
10/19/96,A,Charleston,29149,803-871-4368,Cyrus E Frank
10/19/96,W,Columbia,29036,803-345-3373,Ray Rogers
10/26/96,A,Anderson,29625,864-226-2198,James M Hampton
10/26/96,A,Sumter,29151,803-871-4368,Ed Frank
11/02/96,W,Greenville,29602,803-967-0001,Sue Chism
11/16/96,5,Charleston,29149,803-871-4368,Cyrus E Frank
11/16/96,W,Sumter,29150,803-775-9106,Dan Mask
12/07/96,W,Greenville,29602,803-967-0001,Sue Chism
12/10/96,W,Spartanburg,29302,803-576-5566,H Peter Theiler
12/14/96,W,Columbia,29036,803-345-3373,Ray Rogers
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09/28/96,A,Huron,57350,605-352-5453,Jack W Winter
10/12/96,A,Aberdeen,57401,605-225-8388,Larry Roberts
11/16/96,A,Pierre,57501,605-224-6805,Jeffrey S Kelley

TENNESSEE
09/28/96,A,Murfreesboro,37130,615-896-3668,Michael Boyea
09/29/96,5,Clarksville,37042,615-552-6746,B C Cash
09/29/96,A,Collegedale,37315,615-476-9466,Francis Dean Saunders

10/04/96,A,Chattanooga,37403,615-886-4714,Arthur W Parry, Jr
10/05/96,W,Atoka,38053,901-829-3712,Walter R Heald
10/05/96,A,Oak Ridge,37830,615-531-9432,Charlie Davis
10/08/96,A,Bartlett,38133,901-366-9722,Joan Thorne
10/08/96,A,Crossville,38557,615-484-0243,Ronald J Witt
10/12/96,A,Murfreesboro,37130,615-896-3668,Michael Boyea
10/12/96,W,Paris,38251,901-247-5489,Mackie Gallimore
10/13/96,W,Jasper,37347,615-942-5116,Charles Wooten
10/14/96,W,Maryville,37804,423-982-5839,Carroll Peabody
10/19/96,W,Knoxville,37918,423-688-7771,Ray Adams
10/27/96,5,Clarksville,37042,615-552-6746,B C Cash
10/27/96,A,Lebanon,37087,615-444-0429,Jared Chaffin
10/27/96,A,Sparta,38583,615-761-5007,Charles A Nielsen
10/31/96,5,Bristol,37620,423-968-3350,William Owen
11/02/96,A,Oak Ridge,37830,615-531-9432,Charlie Davis
11/02/96,5,Trenton,38316,901-742-3302,Lou E Parker
11/03/96,W,Gallatin,37066,615-452-0883,Ronnie L Gilley
11/10/96,W,Jasper,37347,615-942-5116,Charles Wooten
11/11/96,W,Athens,37331,423-263-9300,Evan Ray
11/12/96,A,Bartlett,38133,901-366-9722,Joan Thorne
11/16/96,W,Knoxville,37918,423-688-7771,Ray Adams
11/19/96,5,East View,38339,901-239-8629,Robert Smith
11/23/96,W,Greeneville,37743,615-639-6495,Abner Richards
11/23/96,W,Paris,38251,901-247-5489,Mackie Gallimore
11/24/96,5,Clarksville,37042,615-552-6746,B C Cash
11/24/96,A,Sparta,38583,615-761-5007,Charles A Nielsen
11/27/96,5,Bristol,37620,423-968-3350,William Owen
11/27/96,W,Morristown,37814,423-429-1403,Tom Parm KS4HH
11/30/96,W,Rosemark,38053,901-829-3712,Walter R Heald
12/06/96,A,Chattanooga,37403,615-886-4714,Arthur W Parry, Jr
12/07/96,A,Oak Ridge,37830,615-531-9432,Charlie Davis
12/08/96,W,Jasper,37347,615-942-5116,Charles Wooten
12/09/96,W,Maryville,37804,423-982-5839,Carroll Peabody
12/10/96,A,Bartlett,38133,901-366-9722,Joan Thorne
12/14/96,A,Nashville,37214,615-824-7216,Murray G Jones, K4ANH
12/14/96,5,Trenton,38316,901-742-3302,Lou E Parker
12/21/96,W,Johnson City,37602,423-282-2490,Jim Bullins
12/21/96,W,Knoxville,37918,423-688-7771,Ray Adams
12/22/96,A,Sparta,38583,615-761-5007,Charles A Nielsen
12/26/96,5,Bristol,37620,423-968-3350,William Owen
12/29/96,5,Clarksville,37042,615-552-6746,B C Cash

TEXAS
09/28/96,A,Abilene,79602,915-672-8889,Peggy A Richard KA4UPA
09/28/96,A,Cleveland,77327,713-592-2257,Sam Neal
09/28/96,5,Copperas Cove,76522,817-547-4610,John Easler
09/28/96,A,Dallas,75243,214-997-6282,Bill Warner
09/28/96,5,Ennis,75119,214-875-9435,Joseph Spillers
09/28/96,A,Houston,77088,713-931-9427,Charles W Hobley
09/28/96,A,Kerrville,78028,210-896-2894,Harvey Vordenbaum

09/28/96,A,Pharr,78577,210-702-7938,Maggie Villareal KC5NLO
09/28/96,A,San Antonio,78207,210-433-1714,Armando Aguirre
09/28/96,A,Sour Lake,77659,409-840-9208,John Uttinger AC5AI
09/28/96,A,Tomball,77375,713-537-9240,Bill Gary K8CSG
10/03/96,A,Boerne,78006,210-249-3168,Larry E Becker
10/03/96,A,Harlingen,78550,210-421-9210,John F Teer
10/03/96,A,Hurst,76053,817-268-5206,E C Dorsey
10/04/96,5,Longview,75604,903-759-2160,James Nix
10/05/96,5,Amarillo,79109,806-353-7944,George Riley
10/05/96,A,Angleton,77156,409-265-6439,Benton P Webb
10/05/96,A,Belton,76513,817-939-7797,Sandy J Neaves
10/05/96,A,Greenville,75401,903-455-0730,William S Fletcher AB5MM
10/05/96,A,Hempstead,77445,409-826-3274,Jim Royce
10/05/96,A,Houston,77098,713-558-4932,Lee Gaspard WA5QXE
10/05/96,A,Orange,77630,409-886-7159,Paul Clark
10/05/96,A,Paris,75460,903-737-8562,Tommy Shoulders
10/05/96,A,San Antonio,78223,210-635-7384,Dianna VanBlaricum
10/05/96,5,San Antonio,78223,210-635-7384,Jerry VanBlaricum
10/06/96,A,McKinney,75069,214-734-6309,Jim Moore
10/08/96,5,Desoto,75116,214-298-6628,Johnny Roberson
10/08/96,A,Houston,77036,713-682-6897,Cass Germany
10/10/96,5,Fort Worth,76140,817-293-6745,Ted Richard
10/10/96,A,Mesquite,75150,214-564-4210,Phillip Elery
10/12/96,5,Arlington,76016,817-572-6511,Ron Land
10/12/96,A,Brownsville,78521,210-546-4779,Bob Austin N5VCG
10/12/96,5,Dallas,75235,214-350-9492,Larry Herring WR3J
10/12/96,5,Dayton,77535,409-258-9462,Jerry McDonald
10/12/96,A,Houston,77062,713-486-2032,James Heil
10/12/96,A,Midland,79701,915-520-5955,Bryant W Saxon, KD5C
10/12/96,5,Seven Points,75147,905-887-4847,Stuart Wells
10/17/96,A,San Antonio,78232,210-673-8852,Leslie Dale
10/18/96,5,Corsicana,75110,903-872-1773,Gorman Snider
10/18/96,A,Sherman,75090,903-892-0454,Jerry Newcomb, KC5LRY
10/19/96,A,El Paso,79924,915-544-5863,Gordon L Howard WD0CDD
10/19/96,A,Grangerland,77302,409-231-3753,Jim Moehle
10/19/96,A,Irving,75062,214-252-8015,William Revis, Jr
10/19/96,5,Plano,75098,214-442-2592,John Scanlan
10/19/96,A,San Antonio,78223,210-635-7384,Dianna VanBlaricum
10/19/96,5,San Antonio,78223,210-635-7384,Jerry VanBlaricum
10/19/96,5,Whitney,76692,817-694-4047,James McQueen
10/20/96,A,El Paso,79924,505-525-2159,Gunnar C Carlson, Jr
10/22/96,A,Sherman,75090,903-786-2644,J. Still
10/24/96,5,Fort Worth,76140,817-293-6745,Ted Richard
10/24/96,A,Garland,75040,214-475-9407,W. H. (Bill) Reynolds
10/26/96,5,Copperas Cove,76522,817-547-4610,John Easler
10/26/96,A,Dallas,75243,214-997-6282,Bill Warner
10/26/96,5,Ennis,75119,214-875-9435,Joseph Spillers
10/26/96,A,Houston,77088,713-931-9427,Charles W Hobley
10/26/96,A,Pharr,78577,210-702-7938,Maggie Villareal KC5NLO
10/26/96,A,San Antonio,78207,210-433-1714,Armando Aguirre

10/26/96,A,Sour Lake,77659,409-840-9208,John Uttinger AC5AI
10/28/96,5,Jacksonville,75785,903-683-5451,George Winship
11/01/96,5,Longview,75604,903-759-2160,James Nix
11/02/96,A,Bryan,77840,409-764-7340,Gail Pate N5XNV
11/02/96,A,Harlingen,78550,210-428-2822,Oskar Schreiber, KE5ZV
11/02/96,A,Hempstead,77445,409-826-3274,Jim Royce
11/02/96,A,Nederland,77627,409-736-2542,A C Randle IV
11/02/96,A,San Antonio,78223,210-635-7384,Dianna VanBlaricum
11/02/96,5,San Antonio,78223,210-635-7384,Jerry VanBlaricum
11/03/96,A,McKinney,75069,214-734-6309,Jim Moore
11/05/96,5,Amarillo,79109,806-353-7944,George Riley
11/05/96,A,El Paso,79904,915-751-0693,Jim Kluetz
11/07/96,A,Boerne,78006,210-249-3168,Larry E Becker
11/07/96,A,Hurst,76053,817-268-5206,E C Dorsey
11/09/96,5,Arlington,76016,817-572-6511,Ron Land
11/09/96,5,Bay City,77456,409-843-5083,Elwood Gilchrist
11/09/96,5,Dallas,75235,214-350-9492,Larry Herring WR3J
11/09/96,5,Dayton,77535,409-258-9462,Jerry McDonald
11/09/96,A,Houston,77062,713-486-2032,James Heil
11/09/96,A,Midland,79701,915-520-5955,Bryant W Saxon, KD5C
11/09/96,5,Seven Points,75147,905-887-4847,Stuart Wells
11/12/96,5,Desoto,75116,214-298-6628,Johnny Roberson
11/12/96,A,Houston,77036,713-682-6897,Cass Germany
11/14/96,5,Fort Worth,76140,817-293-6745,Ted Richard
11/14/96,A,Houston,77003,713-738-1584,Frank J Laugermann Jr
11/14/96,A,Mesquite,75150,214-564-4210,Phillip Elery
11/15/96,5,Corsicana,75110,903-872-1773,Gorman Snider
11/15/96,A,Sherman,75090,903-892-0454,Jerry Newcomb, KC5LRY
11/16/96,A,Irving,75062,214-252-8015,William Revis, Jr
11/16/96,5,Mission,78572,210-580-1957,Vince Langlois
11/16/96,5,Plano,75098,214-442-2592,John Scanlan
11/16/96,A,San Antonio,78223,210-635-7384,Dianna VanBlaricum
11/16/96,5,San Antonio,78223,210-635-7384,Jerry VanBlaricum
11/16/96,5,Whitney,76692,817-694-4047,James McQueen
11/21/96,A,San Antonio,78232,210-673-8852,Leslie Dale
11/23/96,A,Belton,76513,817-939-7797,Sandy J Neaves
11/23/96,5,Copperas Cove,76522,817-547-4610,John Easler
11/23/96,A,Sour Lake,77659,409-840-9208,John Uttinger AC5AI
11/23/96,A,Tomball,77375,713-537-9240,Bill Gary K8CSG
11/30/96,A,Houston,77088,713-931-9427,Charles W Hobley
11/30/96,A,San Antonio,78207,210-433-1714,Armando Aguirre
12/01/96,A,McKinney,75069,214-734-6309,Jim Moore
12/05/96,A,Harlingen,78550,210-421-9210,John F Teer
12/05/96,A,Hurst,76053,817-268-5206,E C Dorsey
12/07/96,5,Amarillo,79109,806-353-7944,George Riley
12/07/96,A,Brownsville,78521,210-546-4779,Bob Austin N5VCG
12/07/96,A,El Paso,79930,915-859-5502,Cleyborn Emert
12/07/96,A,Greenville,75401,903-455-0730,William S Fletcher AB5MM
12/07/96,A,Houston,77098,713-558-4932,Lee Gaspard WA5QXE
12/07/96,A,Orange,77630,409-886-7159,Paul Clark

12/07/96,A,San Antonio,78223,210-635-7384,Dianna VanBlaricum
12/07/96,5,San Antonio,78223,210-635-7384,Jerry VanBlaricum
12/10/96,5,Desoto,75116,214-298-6628,Johnny Roberson
12/10/96,A,Houston,77036,713-682-6897,Cass Germany
12/12/96,5,Fort Worth,76140,817-293-6745,Ted Richard
12/14/96,5,Arlington,76016,817-572-6511,Ron Land
12/14/96,5,Dallas,75235,214-350-9492,Larry Herring WR3J
12/14/96,5,Dayton,77535,409-258-9462,Jerry McDonald
12/14/96,A,Houston,77062,713-486-2032,James Heil
12/14/96,A,Midland,79701,915-520-5955,Bryant W Saxon, KD5C
12/14/96,5,Seven Points,75147,905-887-4847,Stuart Wells
12/19/96,A,San Antonio,78232,210-673-8852,Leslie Dale
12/20/96,5,Corsicana,75110,903-872-1773,Gorman Snider
12/20/96,A,Sherman,75090,903-892-0454,Jerry Newcomb, KC5LRY
12/21/96,A,Grangerland,77302,409-231-3753,Jim Moehle
12/21/96,A,Irving,75062,214-252-8015,William Revis, Jr
12/21/96,5,Mission,78572,210-580-1957,Vince Langlois
12/21/96,5,Plano,75098,214-442-2592,John Scanlan
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12/21/96,5,San Antonio,78223,210-635-7384,Jerry VanBlaricum
12/21/96,A,San Antonio,78207,210-433-1714,Armando Aguirre
12/21/96,5,Whitney,76692,817-694-4047,James McQueen
12/26/96,A,Garland,75040,214-475-9407,W. H. (Bill) Reynolds
12/28/96,5,Copperas Cove,76522,817-547-4610,John Easler
12/28/96,A,Houston,77088,713-931-9427,Charles W Hobley
12/28/96,A,Sour Lake,77659,409-840-9208,John Uttinger AC5AI

UTAH
10/05/96,A,Salt Lake City,84108,801-582-2438,Gordon R Smith
11/06/96,A,Farmington,84025,801-292-8110,L Brent Thomas
11/11/96,5,Delta,84624,801-864-5936,Stephen Bowes
12/07/96,A,Salt Lake City,84108,801-582-2438,Gordon R Smith

VIRGINIA
09/28/96,5,Gloucester,23321,804-642-3517,Harry Kepley N4THN
10/05/96,5,Ben Hur,24243,540-546-2323,Charlie Poe
10/05/96,A,Toano,23168,804-688-3178,Michael A Conte
10/05/96,A,Williamsburg,23185,804-566-8015,Mike Conte KD4HYT
10/10/96,A,Chesapeake,23323,757-421-9598,Pat Phelps KE4URC
10/11/96,A,Galax,24333,703-236-8672,James Blythe, NX4B
10/12/96,A,Harrisonburg,22801,703-434-3133,Brown Snyder N4ZHV
10/12/96,A,Richmond,23228,804-779-3351,Pat Wilson, N0RDQ
10/19/96,5,Chester,23831,804-330-0006,Anthony Amato
10/20/96,A,Lynchburg,24502,804-386-4651,Charles L Beard AD4ST
10/20/96,A,Roanoke,24016,540-890-6782,Terrance V Vlug
10/26/96,5,Gloucester,23321,804-642-3517,Harry Kepley N4THN
11/02/96,5,Ben Hur,24243,540-546-2323,Charlie Poe
11/02/96,A,Portsmouth,23321,804-484-2857,Arthur A Thiemens
11/08/96,A,Galax,24333,703-236-8672,James Blythe, NX4B
11/14/96,A,Chesapeake,23323,757-421-9598,Pat Phelps KE4URC
11/17/96,A,Lynchburg,24502,804-386-4651,Charles L Beard AD4ST

11/17/96,A,Roanoke,24016,540-890-6782,Terrance V Vlug
11/18/96,A,Coeburn,24230,540-395-6595,Clinton W Hawkins, Jr
11/23/96,A,Fredericksburg,22407,540-373-7076,Carolyn or John Cavanagh
11/23/96,A,Manassas,22111,703-368-6050,Harry Vorhauer
11/30/96,5,Gloucester,23321,804-642-3517,Harry Kepley N4THN
12/07/96,5,Ben Hur,24243,540-546-2323,Charlie Poe
12/07/96,A,Virginia Beach,23464,804-468-9166,Judy Rogers KD6JMA
12/08/96,A,Lynchburg,24502,804-386-4651,Charles L Beard AD4ST
12/13/96,A,Galax,24333,703-236-8672,James Blythe, NX4B
12/14/96,A,Harrisonburg,22801,703-434-3133,Brown Snyder N4ZHV
12/14/96,A,Richmond,23228,804-779-3351,Pat Wilson, N0RDQ

VERMONT
10/11/96,A,Burlington,05401,802-878-6454,Ralph T Stetson III
10/27/96,5,Lyndonville,05851,802-626-9028,Al Dilley
11/08/96,A,Burlington,05401,802-878-6454,Ralph T Stetson III
12/13/96,A,Burlington,05401,802-878-6454,Ralph T Stetson III

WASHINGTON
09/28/96,A,Bainbridge Islan,98110,206-842-6946,Garrison Bromwell
09/28/96,A,Bremerton,98310,360-692-8326,Walt Winters AA7TL
09/28/96,A,Marysville,98270,206-335-5158,Loren Hole
09/28/96,A,Walla Walla,99362,509-525-7003,Mable Babbitt WB5AVH
09/29/96,A,Bainbridge Islan,98110,206-842-6946,Garrison Bromwell
10/03/96,5,Kirkland,98036,206-745-0347,Jim Davis
10/05/96,5,Ellensburg,98926,509-925-1680,Michael Dunnick
10/05/96,A,Kent,98032,206-244-2107,B F Antes
10/08/96,A,Tacoma,98405,206-845-7652,Jerry Seligman
10/09/96,A,Auburn,98002,206-351-9939,Stephen M Butler
10/10/96,A,Ft Lewis,98433,360-456-5571,Jim Elliott AA7OH
10/12/96,A,Colville,99114,509-684-2898,Rex Kamstra
10/12/96,5,Goldendale,98620,509-773-5043,James Nadeau Sr
10/12/96,A,Port Angeles,98362,360-928-9588,Nancy Kramer
10/12/96,A,Tukwila,98125,206-523-9117,Mary E Lewis
10/15/96,5,Auburn,98038,206-432-1594,David Barber
10/16/96,A,Spokane,99223,509-448-5821,Betsy Ashleman
10/19/96,5,Renton,98333,206-549-4062,Jim Christiansen
10/19/96,A,Sultan,98294,206-793-3433,David C Axe
10/19/96,A,Vancouver,98684,360-892-7291,C Wayne Schuler
10/20/96,A,Walla Walla,99362,509-525-7003,Mable Babbitt WB5AVH
10/23/96,A,Everett,98206,206-387-5805,Dwayne E Broderson
10/24/96,A,Ft Lewis,98433,360-456-5571,Jim Elliott AA7OH
10/26/96,A,Bremerton,98310,360-692-8326,Walt Winters AA7TL
10/26/96,5,Long Beach,98641,360-665-5522,Jim Keightley
10/26/96,A,Marysville,98270,206-335-5158,Loren Hole
11/02/96,A,Kent,98032,206-244-2107,B F Antes
11/07/96,5,Kirkland,98036,206-745-0347,Jim Davis
11/09/96,A,Port Angeles,98362,360-928-9588,Nancy Kramer
11/09/96,A,Tukwila,98125,206-523-9117,Mary E Lewis
11/12/96,A,Tacoma,98405,206-845-7652,Jerry Seligman
11/13/96,A,Auburn,98002,206-351-9939,Stephen M Butler

11/14/96,A,Ft Lewis,98433,360-456-5571,Jim Elliott AA7OH
11/16/96,5,Renton,98333,206-549-4062,Jim Christiansen
11/16/96,A,Sultan,98294,206-793-3433,David C Axe
11/19/96,5,Auburn,98038,206-432-1594,David Barber
11/23/96,A,Bremerton,98310,360-692-8326,Walt Winters AA7TL
11/23/96,A,Marysville,98270,206-335-5158,Loren Hole
11/27/96,A,Everett,98206,206-387-5805,Dwayne E Broderson
12/05/96,5,Kirkland,98036,206-745-0347,Jim Davis
12/07/96,5,Ellensburg,98926,509-925-1680,Michael Dunnick
12/07/96,A,Kent,98032,206-244-2107,B F Antes
12/10/96,A,Tacoma,98405,206-845-7652,Jerry Seligman
12/11/96,A,Auburn,98002,206-351-9939,Stephen M Butler
12/11/96,A,Spokane,99223,509-448-5821,Betsy Ashleman
12/12/96,A,Ft Lewis,98433,360-456-5571,Jim Elliott AA7OH
12/14/96,A,Colville,99114,509-684-2898,Rex Kamstra
12/14/96,5,Goldendale,98620,509-773-5043,James Nadeau Sr
12/14/96,A,Port Angeles,98362,360-928-9588,Nancy Kramer
12/14/96,A,Tukwila,98125,206-523-9117,Mary E Lewis
12/17/96,5,Auburn,98038,206-432-1594,David Barber
12/21/96,A,Bremerton,98310,360-692-8326,Walt Winters AA7TL
12/21/96,5,Renton,98333,206-549-4062,Jim Christiansen
12/21/96,A,Sultan,98294,206-793-3433,David C Axe
12/26/96,A,Ft Lewis,98433,360-456-5571,Jim Elliott AA7OH

WISCONSIN
09/28/96,A,Marinette,54143,906-863-3477,Ed Engleman KG8CX
09/28/96,A,Tomahawk,54487,715-453-3707,Terry Collins
10/05/96,A,Pewaukee,53072,414-691-3089,Rodger Bradley
10/05/96,A,Racine,53405,414-886-8551,Robert N Jensen
10/12/96,5,Eau Claire,54703,715-834-1303,Carl Searing
10/12/96,A,Madison,53715,608-832-6631,Mark Jenks
10/12/96,A,Medford,54451,715-748-4054,Tom Hrdina N9GEN
10/12/96,5,Redgranite,54982,414-566-4282,James Cox
10/19/96,A,Green Bay,54304,414-336-6087,Keith J Summers N9NOF
10/26/96,A,Tomahawk,54487,715-453-3707,Terry Collins
11/02/96,A,Menomonie,54751,715-235-3998,James P Ley
11/02/96,A,Omro,54963,414-235-0987,Richard Lemme
11/02/96,A,Pewaukee,53072,414-691-3089,Rodger Bradley
11/02/96,A,Racine,53405,414-886-8551,Robert N Jensen
11/03/96,A,Kaukauna,54130,414-759-1167,Larry Siebers
11/09/96,A,Madison,53715,608-832-6631,Mark Jenks
11/09/96,A,Marshfield,54449,715-389-2256,Robert McDaniel
11/09/96,5,Redgranite,54982,414-566-4282,James Cox
11/30/96,A,Onalaska,54650,608-526-9413,Karl Simonson KB9EQI
12/07/96,A,Pewaukee,53072,414-691-3089,Rodger Bradley
12/14/96,A,Madison,53715,608-832-6631,Mark Jenks
12/14/96,5,Redgranite,54982,414-566-4282,James Cox

WEST VIRGINIA
09/28/96,A,Chapmanville,25508,304-946-2858,Johnny Pack
09/29/96,A,Chapmanville,25508,304-946-2858,Johnny Pack

09/29/96,A,Clarksburg,26301,304-624-5186,Joseph R. Chiado
10/05/96,A,Martinsburg,25401,301-834-8831,Lester M. Reynolds
10/06/96,A,Richwood,26261,304-846-4594,D Scott Bucklew
10/10/96,5,Parkersburg,26101,304-485-7777,William McClure
10/12/96,5,Parkersburg,26142,304-422-1823,Dana Pickens
10/24/96,A,Morgantown,26506,412-324-9160,Jan L Ditzian
11/03/96,H,Elkins,26241,304-637-0506,Walter Corley
11/03/96,A,Richwood,26261,304-846-4594,D Scott Bucklew
11/09/96,5,Bluefield,24701,540-326-3338,Don Williams WA4K
11/09/96,5,Bluefield,24360,540-637-6304,Charles Grim
11/09/96,5,Huntington,45623,614-886-5922,Stephen Hutchison
11/14/96,5,Parkersburg,26101,304-485-7777,William McClure
12/01/96,A,Richwood,26261,304-846-4594,D Scott Bucklew
12/07/96,5,Beckley,25827,304-255-5351,Bernard Crump
12/07/96,A,Martinsburg,25401,301-834-8831,Lester M. Reynolds
12/12/96,5,Parkersburg,26101,304-485-7777,William McClure
12/14/96,5,Parkersburg,26142,304-422-1823,Dana Pickens

WYOMING
09/28/96,A,Casper,82601,307-473-7361,Mike Murphy
09/28/96,A,Laramie,82070,307-742-6298,John Escobedo
10/26/96,A,Cheyenne,82001,307-637-8634,Wilson Sellner
11/16/96,A,Cheyenne,82009,307-638-6998,George Anderson

EXAMINATION OPPORTUNITIES OUTSIDE THE UNITED STATES:

M
10/05/96,5,Guam,96912,671-647-4012,Gary Dein
10/27/96,A,Tamuning,96911,671-647-4012,Gary G Dein NH2G
11/08/96,A,Paseo,96910,671-646-7611,Harry Taguchi
11/16/96,5,Guam,96912,671-647-4012,Gary Dein
11/24/96,A,Paseo,96910,671-646-7611,Harry Taguchi

PUERTO RICO
09/28/96,A,San Juan,00931,809-789-4998,Victor Madera
10/19/96,5,San Juan,00931,809-737-3609,Edwin Garcia
10/26/96,A,San Juan,00931,809-789-4998,Victor Madera
11/23/96,5,San Juan,00931,809-737-3609,Edwin Garcia
11/30/96,A,San Juan,00931,809-789-4998,Victor Madera
12/14/96,5,Guayama,78401,809-866-2782,Julian Sanchez Coln
12/21/96,5,San Juan,00931,809-737-3609,Edwin Garcia
12/28/96,A,San Juan,00931,809-789-4998,Victor Madera

US VIRGIN ISLANDS
10/12/96,A,St Croix,00820,809-778-3156,Frank Jaeger

OTHER AREAS
09/28/96,A,England,00000,01705-371-677,Betty Steed N3TFX
09/28/96,A,Germany,00000,352-451022475,Joachim Heyse
09/28/96,A,New Zealand,00000,025-782412,Mike Harris
09/28/96,A,Tokyo 170 Japan,00000,81-3-53953106,Jay Oka
09/29/96,A,New Zealand,00000,025-782412,Mike Harris

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10/05/96,5,Panama,00000,507-272-7400,Charlie Harril
10/12/96,A,England,00000,01705-371-677,Betty Steed N3TFX
10/13/96,A,Japan,00000,81-568-21-09,Yoshihiko Hirano
11/16/96,A,Germany,00000,495271-37211,Alexandra Raker
11/30/96,A,Germany,00000,352-451022475,Joachim Heyse
12/07/96,A,England,00000,01705-371-677,Betty Steed N3TFX
12/07/96,A,Germany,00000,0951-300-8522,Royce L Evans AE4CX
12/07/96,5,Panama,00000,507-272-7400,Charlie Harril
12/14/96,A,England,00000,01705-371-677,Betty Steed N3TFX
12/15/96,5,Japan,00000,816-846-5927,Junichi Tanaka

*EOF
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3908. Wow, Gate 2: 4500+, Day 1

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: Jim Reid <jreid@aloha.net>
Message-ID: <01bbaca3$267e9fe0$89070ccf@jim-reid-1>
Source record: 215929
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Appears interest in amateur radio is very high as nearly
10% of US Extra license holders submit Vanity Call
sign requests the first day the opportunity is open!

Many of these guys are CW fanatics and are avid contest]
operators. Many of the "new" calls being sought are thought
to be real great CW calls: rythmic, easy to copy at QRQ,
close to the call already owned by some Big Gun famous
operator, etc. Interesting thread on cq-contest reflector for
past few weeks about what constitutes a desirable contest
call for either CW or SSB. Many felt a five character call was
better than 4 characters; also that a 2x1 was too short, etc.

Well the evidence will be in when, in a few weeks the FCC
computer spits out all the winning calls. Then will be easy to
see who got what, and what kind of call really does seem
most popular for band conditions on high density HF band
signal weekends, and in pile-ups seeking the attention of
the DX station. What will the kind of call be that the majority
of the contestors go for? I picked, as my first 5 choices all
KH7x, or 2x1 calls. Why? I always wanted one! Not
anything at all to do with ease of copy, but believe the
one I hope to get among the group will be easy to copy on
a dense band and/or in a pile-up.

Good luck to all on your pick. With probably more than 5000
Extras applying this week alone, there must be many who will
be reading this.

73 and Aloha, Jim, for now AH6NB, next KH7? or ??

3909. US Web Design Co. Seeks Global Partners

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: ccs0920@netcom.com
Message-ID: <52hi3n$ai7@dfw-ixnews10.ix.netcom.com>
Source record: 215930

Music City Web Design (www.nashville.com/~music.city) is interested in building mutually beneficial business relationships with html programmers, graphic artists and salespeople worldwide.

We want to increase awareness of our current FREE website design offer in the global marketplace.

Email us if you're interested!

-Bob Leyland
Music City Web Design

3910. Re: Vanity calls -- someone else eats my pie?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: KJ4WH <grpowell@gate.net>
Message-ID: <324C55F4.4002@gate.net>
Source record: 215931

Stan Vandiver wrote:
> One of my "proposed" vanity calls (W4DX) was also issued just before the opening of Gate 2.

Stan, Add me to the W4DX as #1 choice list. I wonder how many of us there were?

Gary KJ4WH
Lakeland, Fl.

3911. ARLB067 MARS to drop all CW nets

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: w1aw@arrl.org
Message-ID: <$arlb067.1996@arrl.org>
Source record: 215932
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

```
SB QST @ ARL $ARLB067
ARLB067 MARS to drop all CW nets

ZCZC AG47
QST de W1AW
ARRL Bulletin 67 ARLB067
From ARRL Headquarters
Newington CT September 27, 1996
To all radio amateurs

SB QST ARL ARLB067
ARLB067 MARS to drop all CW nets

All CW nets and other CW activity in the Military Affiliate Radio
System (MARS) have been ordered to cease operation effective October
1, 1996. After that time, no CW nets or other CW activity will be
allowed on any DOD MARS frequencies. A final MARS CW message will be
transmitted simultaneously on Army, Navy and Air Force MARS
frequencies at 1300, 1530 and 1700 UTC on September 30. MARS members
may earn a certificate for correct copy of the final message.
NNNN
/EX
```

3912. Re: 4-5 kw Generator Recommendations??

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep27.181857.29190@ke4zv.atl.ga.us>
Source record: 215933

In article <5292v6$dec@lex.zippo.com> wb4yuc writes:
>In article <1996Sep24.141800.16089@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us says...
><snipped it all....>
>
>Gary,
>
>It is obvious that you are a fanatic when it comes to diesel and
>you will try to drive home that nothing else will do. I am
>not going to get into that debate, it could be endless.

I am not a "fanatic" about diesel, but like most commerical prime
nover users, I do recognize that diesel has a number of important
advantages. At the man-portable generator level, gasoline engines
hold a weight advantage, and we use a number of them (mostly Honda),
but if lowest weight isn't a factor, such as with trailer mounted
or fixed mounted generators, diesel engines have advantages.

Your concerns about fuel availability and maintenance simply
reflect a lack of experience with diesel. Fuel is widely
available, both from primary and alternative sources, and
routine maintenance is generally simpler for diesel than for
gasoline powered equipment. Operating economy is better too.
If this were not so, there wouldn't be such wide commercial
use of diesel prime movers. Capital costs can be higher, but
life cycle costs are markedly lower, more than offsetting the
difference in initial investment.

Our broadcast group operates 92 generator equipped vehicles.
Our satellite trucks and heavy production vans use diesel
generators (with the production vans' generators mounted on
tow behind trailers). Our light vans use gasoline generators
(mainly so they can run off the vehicle's fuel tank, thus avoiding
trying to fit a second tank into an already cramped vehicle).
And, no surprise, it is the gasoline generators which give the
most trouble and require the most maintenance attention. In fact,
we've only had one diesel generator failure in the last 5 years,
but we have failures with one or more of the gasoline generators
at least once a month.

I don't want to give the impression that gasoline powered
generators are junk. All these generators see heavy service,
often required to run several times daily under all sorts of
conditions. And most of the failures are ignition or carburetor
related, and can often be solved in the field. But the diesels
have neither ignition systems nor carburetors which can fail.

The one diesel failure was due to a failed fuel cutoff solenoid, and that was overridden by hand in the field.

Being in TV news use, these vehicles spend a good amount of time in disaster areas, particularly the satellite trucks. They routinely chase hurricanes, go to the site of tornado damage, aircraft crashes, etc. We generally feel more comfortable when we have a diesel generator powered vehicle on scene becuase we have a greater expectation that it will work when needed. That's particularly true in the wet conditions of hurricanes. That often drowns out gasoline engines, but because the diesels have no ignition system, they are much less affected by water spray (you literally have to drown their air intakes to kill them).

We also operate 24 fixed generators for backup service. They are all diesel. This is more typical emergency backup service in that the generators must always be fueled and ready to go, but aren't run very often or very long. The big advantage diesel offers with its stable fuel is critical here. We typically have 1,000 or 1,500 gallons of fuel on premises for these backup units (that'll run them for about 3 days, we've only had one outage lasting longer than that which required us to get a tanker truck on scene). If we had to recycle that fuel every few months, it would be cost prohibitive (our total fuel is about 30,000 gallons stored at 24 sites). With diesel, we can annually add makeup fuel to take care of the fuel we consume doing monthly tests, and leave the bulk of the fuel in the tanks ready for an actual outage.

While some of our generator usage is much more heavy duty than hams would normally require, I think our experience is useful. Our light vans use 5 kW Onan RV generators typical of what hams might consider. Our Satellite trucks use 15 kW diesel generators and our production vans pull 25 kW diesel generators (TV lights are power hogs). This might be typical of what a club disaster response unit might want to have (and in fact is typical of what some ham clubs do have, thanks to this size unit being surplused by military communications units and given to Civil Defense associated clubs). Our big 500 kW fixed generators are almost certainly larger than any ham group would field, but the lesson of always fueled and ready shouldn't be lost on those who need to respond immediately to emergency conditions.

At my farm, I chose to go a slightly different way. I have a 15 kW PTO driven generator (from WW Grainger) that can be powered by one of my tractors. That way I don't tie up a prime mover for backup uses only. It isn't instantly available, but I can have it hooked up and running in a few minutes. While this generator can be powered by my little gasoline engined Ford tractor, I'd normally hook it up to one of the bigger diesel tractors. That's because diesel engines are more economical to run over their entire useful load range than gasoline engines.

At light loads, they only inject enough fuel to maintain RPM, but a gasoline engine must always use enough fuel to maintain a 14:1 air:fuel ratio or it will misfire or detonate. Thus it runs with best economy only when loaded to about 80% of wide open throttle, and when operated near its torque peak RPM (same thing really). Diesels don't have throttles, controlling their speed solely by the amount of fuel injected into the engine. Typically that allows them to be about twice as fuel efficient as gasoline engines. (That's important in a disaster situation where fuel resupply may be a concern.)

Gasoline engines have retained favor for auto use because they are more "lively" to drive. The combination of lower engine weight for a given peak horsepower and rapid throttle response make them more fun to drive. I've owned and driven both, and while the diesel is more efficient, the gas powered buggies are more fun (and perhaps safer in situations where quick throttle response is important). That doesn't apply to "driving" a generator though.

Gary
--
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Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3913. Re: the final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep27.223736.403@ke4zv.atl.ga.us>
Source record: 215934
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <DyCvK7.J7L@twisto.eng.hou.compaq.com> Monty Wilson
<mwilson@bangate.compaq.com> writes:
>gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>>... try this book: _Digital Modulation and Coding_ by Stephen Wilson.
>>
>>Dr. Wilson will lead you from the crudest modulation, OOK, on up to
>>the more modern modulations...
>
>Hey I must be a crude dude because I enjoy CW to no end. All that
>is old is not necessarily outdated, and I've found that to be
>the case with CW. What a neat mode; narrow-band enough to shine
>under almost any conditions, accessible to everyone who knows the
>code, even people using homebrew rigs or WWII surplus equipment,
>no expensive terminal node equipment or computers required,
>OK to take mobile, and with enough standard abbreviations that we
>can make contact across language barriers.
>
>Oh yeah: AM, FM, SSB, RTTY and AMTOR are nice too.

Sure, Monty, all those methods can be amusing to use, even CW,
if you like that sort of thing. That says nothing one way or
the other about whether a speed test in any of those modes
satisfies any legitimate government licensing concern. Nor
does it address the relative utility of the various methods
in any objective sense.

Morse is a text transmission mode, as are the more modern methods.
Any of them can be used with standard abbreviations to establish a
minimal level of communications. The advantage of other methods is
that they can do much more if a common language does exist between
the persons involved in the communications exchange. That's because
they offer better throughput and can often operate under more severe
conditions. Most any transmitter can be adapted to use them with
minimal effort, even WWII vintage equipment.

In essence, the tradeoff is between hardware programming and
wetware programming. The latter is almost always more costly
in man-hours than the former.

Gary
--
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Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org

Lawrenceville, GA 30244 | |

3914. IPS Daily Report - 27 September 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <52hnhn$io1@flare.syd.ips.oz.au>
Source record: 215935
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 27/2330Z SEPTEMBER 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE AUSTRALIAN SPACE FORECAST CENTRE
SUMMARY FOR 27 SEPTEMBER AND FORECAST FOR 28 SEPTEMBER - 30 SEPTEMBER

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 70/5

GOES satellite data for 26 Sep
Daily Proton Fluence >1 MeV: 2.6E+06
Daily Proton Fluence >10 MeV: 1.8E+04
Daily Electron Fluence >2 MeV: 2.0E+08 (moderate)
X-ray background: A2.2
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
28 Sep 29 Sep 30 Sep
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 28 Sep: 70/5

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: quiet to unsettled, with one active period.

Estimated Indices : A K Observed A Index 26 Sep
Learmonth 11 3224 3222
Fredericksburg 17 24
Planetary 15 23

Observed Kp for 26 Sep: 3443 3354

2B. MAGNETIC FORECAST
Date Ap Conditions
28 Sep 15 Unsettled to active
29 Sep 15 Unsettled to active
30 Sep 15 Unsettled to active
COMMENT: Isolated active periods expected for next three days,
especially during local night hours.

3A. GLOBAL HF PROPAGATION SUMMARY

Latitude Band
Date Low Middle High
27 Sep Normal Fair Fair
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
28 Sep Normal Normal-fair Fair
29 Sep Normal Normal-fair Fair
30 Sep Normal Normal-fair Fair
COMMENT: HF conditions at high latitudes are expected to remain
slightly degraded over next three days, with conditions slowly
improving.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
27 Sep -11

Observed Australian Regional MUFs:
Darwin: depressed 15%, near predicted monthly values
after dawn this morning.
Townsville: depress 15% during local day, recovering
during local night hours.
Sydney: depressed 15-30% during local daylight hours.
Hobart: depressed 30% during local daylight hours.

Predicted Monthly T index for September: 9

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
28 Sep 5 near predicted monthly values
29 Sep 5 near predicted monthly values
30 Sep 5 near predicted monthly values
COMMENT: Degraded HF comms may have been experienced on 27 September,
especially in the southern region (mid to high latitudes) with
a general mild depression observed at most sites. This is probably
associated with recent geomagnetic activity. Mid to high latitude
HF comms may be degraded over the next 3 days, as mild geomagnetic
declines.
--
IPS Radio and Space Services | email: asfc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/asfc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
tel: +61 2 94148300 | fax: +61 2 94148331

3915. Microwave Data link 10 GHZ

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: marwynn@phoenix.net
Message-ID: <52haq3$ilr@uhura.phoenix.net>
Source record: 215936

I am in the process of building N6GN's 10 ghz 2 MB data equipment and looking for used PCLAN cards. If you know where I could get them , I would apprecate it. IF you know of another way to connect to this equipment I would apprecate that also . 73's

God made Earth and rested
God made Man and rested.
God made Woman and ever since neither God or Man has rested. :)

Marwynne Kuhn WB5PWG
marwynn@phoenix.net

3916. Re: Vanity calls & Something Far More Interesting

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: Arlan Levitan <arlan@worldnet.att.net>
Message-ID: <01bbacce$cf1941c0$6ac445c7@Worldnet.worldnet.att.net>
Source record: 215937

Steve Wolf <no8m@apk.net> wrote in article
<01bbac5e$3343b840$3e08b7ce@no8m>...
> If you have a problem and are going to crab then at least follow it
through
> and make a formal accusation and force them to defend themselves.

Uh, Steve...what problem? I believe I clearly indicated that I don't really
care one way or another.
Good God! It's only radio...chill out, OM.

> Snide remarks and innuendo sound more like internet posts than
> hams talking to hams.

Sorry, old chap...much of the traffic on 80m and many 2m repeaters makes
even the most witless Internet flames seem like a Rhodes Scholars debate.

Since you seem to be well versed in ethics, let me relate a recent
experience to you. I'm interested in your opinion and feel that it's about
time that we introduce some major subject drift into this thread (grin).

I've been a VE for some time (both W5YI and ARRL) and (unlike the whole
vanity call debacle) take that job rather seriously.

I recently VE'd at a session and was presented with a 610 with the
Physician's waiver section on the back filled in and signed by a Doctor of
Osteopathy. The party in question was a tech plus and was taking the
General written exam. Several of us were well aquainted with the fellow, a
pleasant enough person, who has exhibited nary a trace of any sort of
disability in the four years we have known him. I called the other VEs out
of the room to discuss the matter. We all knew that the applicant had never
attempted the 13 or 20 wpm tests. A few of the other VEs said that it was
not our place to call the physician's certification into question. That,
they claimed, was the business of the VEC and FCC. They were not even
willing to ask the fellow what the nature of his disability is. The group
decided to pass the paperwork on, with myself as the lone dissenter. Since
we had a half-dozen VEs at the session I was afforded the luxury of
refusing to sign the CSCE or 610.

What would you have done? Was I being too up tight?

73 ES GUD DX
ARLAN KG8OW

3917. Alpha 87A for sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: rilowite@aol.com
Message-ID: <52hb0u$ff5@newsbf02.news.aol.com>
Source record: 215938

asking $ 4500 and will ship insured to any state.
RIlowite@aol.com, W2GKG 1-201-445-1629

3918. ARLP040 Propagation de KT7H

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: w1aw@arrl.org
Message-ID: <$arlp040.1996@arrl.org>
Source record: 215939
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB PROP @ ARL $ARLP040
ARLP040 Propagation de KT7H

ZCZC AP60
QST de W1AW
Propagation Forecast Bulletin 40 ARLP040
From Tad Cook, KT7H
Seattle, WA September 27, 1996
To all radio amateurs

SB PROP ARL ARLP040
ARLP040 Propagation de KT7H

Solar activity remains low, and in fact there were no visible sunspots over the past week. Average sunspot number is zero this week, down from 1.6 of last week. Solar flux was actually up slightly, from 67.8 to 69.6. Every day the solar flux was lower than the 71 average for the previous 90 days.

Geomagnetic conditions were active over the past two weeks. It was the worst on September 20, when the A index was 37 and the K index was five for half of the day.

Geomagnetic disturbances are expected to slack off through the end of the month, and the A index should be below 10 from October 2 to 6. Solar flux should remain flat near 70 until the end of the month, then dip down slightly until mid October, Look for recurring disturbances around October 7 to 8, although it should not be as bad as it was over the past two weeks.

Sunspot Numbers for September 19 through 25 were 0, 0, 0, 0, 0, 0 and 0, with a mean of 0. 10.7 cm flux was 69.2, 69.2, 69.8, 68.6, 69.9, 70 and 70.8, with a mean of 69.6.
NNNN
/EX

3919. French license

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: BRINGER <bringer@lsgbw.hcc.com>
Message-ID: <324C6664.5394@lsgbw.hcc.com>
Source record: 215940

Hi everybody and 73,

I am in the process of relocating to the US (PA) for my company, and was wondering if I could get my french lisense accepted and or 'converted' in this country.

What shall I do, who should I cantact.
Thanks in advance,

Pierre-Michel
F1EQU
*****

3920. Re: for Gary

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: jwkelley@e4e.oac.uci.edu
Message-ID: <52ha99$kfc@news.service.uci.edu>
Source record: 215941
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <01bbac08$0add1f00$204d4486@host.domain.org>,
Sam Morse <smorse@usa> wrote:
>Direct mixing "synchrodyne" or "autodyne" will receive fine.
>So is the audion with positive feedback. Even a plain AM receiver
>(crystal detector) would produce some audible noise (di-dah will
>sound like ps-psssss, but still readable).
>If your FSK decoder is simpler than that, AND you can decode
>the sounds by ear then I'll agree with you.
>
>Sam Morse

Dear Mr. Morse,

Nice to meet you. I thought you were dead. I like your suggestion, but nowadays there are a too many signals being transmitted for such a receiver to operate with adequate selectivity. But your right, they worked pretty good back in your day.

Best Regards,
Jim AC6XG

ps. they changed the heck out of your code

3921. Re: INFO WTD: Hooking computer directly to HT

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep27.195609.29656@ke4zv.atl.ga.us>
Source record: 215942

In article <52d1mp$k4k@charnel.ecst.csuchico.edu> ctrown@ecst.csuchico.edu (Chris Trown) writes:
> I'm hoping that someone can give me some pointers. Maybe you've done
>something like this yourself.
>
> I want to hook up a radio to my computer and get a digital representation
>of this analog signal. I'm looking to get white noise that I can then use to
>generate random numbers and then do some analysis on the results.

Be aware that the noise distribution you get out of a radio won't be white noise. It will be colored by the filtering in the radio. This may or may not matter for your application, but if you really need random numbers, this isn't a good way to get them.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3922. Re: Need help understanding tower lighting

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep27.194313.29563@ke4zv.atl.ga.us>
Source record: 215943

In article <52ctvo$5ri@sjx-ixn6.ix.netcom.com> bdbennet@ix.netcom.com(Robert Bennett) writes:
>Scott, first of all contact the local Federal Aviation Agency and the
>local FCC office. Anything less then 100% correct info and you could
>be asking for trouble. If your a ham operator, didn't you have some
>test questions on this subject???

This is a very good idea. The FAA has no sense of humor at all about this issue. But some general comments might be in order (see below).

>In <52cg4r$8ao@hptemp1.cc.umr.edu> sidener@halley.cc.umr.edu (Scott
>Sidener) writes:
>>
>>Hi, I am about to put up a 100 foot freestanding tower on my
>property.
>>
>>There currently is a commercial tower the same hight only 1 mile from
>>where I live and it has red flashing lights half way up and on top.

This may be a clue that you're close to an airport, heliport, or restricted airspace. Normally, you don't need to mark a tower with a height of less than 200 feet, but you do in certain cases. Part 97.15 covers this in general terms. There are particular cases where FAA requirements may be more stringent.

>>First, I was wondering what the different light configurations on towers
>>mean? Sometimes you see red lights (solid or blinking) or white lights
>>(solid or blinking) sometimes all of the lights on a tower are the same
>>color and sometimes they alternate. Sometimes the towers are painted red
>>and white and other times they are not.
>>
>>Can anyone give me the rhyme or reason for this?

Changing requirements and grandfathering of existing structures. The FAA requirements have changed several times over the years, but existing towers are generally grandfathered when such changes take place. Therefore you can see several different sorts of marking schemes in use.

Most new towers will use strobes. Those are the bright flashing white lights. These towers do not need to use the alternating paint scheme, but the strobes must operate both day and night. For towers which only show lights at night, the alternating paint scheme is still required (and it isn't exactly red, the FAA regulations specify the paint color to be used).

The solid color lights are called obstruction "marker" lights.
The blinking lights are called "beacon" lights. Depending on
tower height, a combination of these two types of lights may
be required. The top light must generally be a beacon (there
may be exceptions to this, but I don't recall seeing a tower
with a marker top light).

At one time, every tower in an area was assigned a particular
flash pattern to make it easily identifiable by airmen. The
pattern was marked on aeronautical charts. This has long ceased
to be the case, but some grandfathered towers still use their
old assigned flash pattern.

>>Secondly, Do I have to put lights on my tower?

Perhaps. Read Part 97.15 carefully and apply the factors cited
to determine if you are in a location which may require lighting.
If lighting is required, you must notify the FAA. You are not
permitted to light a tower without their knowledge (and approval).
And any lighting you do use must be FAA certified. You can't just
hang any old lights up there. And once you're committed to lighting
the tower, you must keep the lights working. If there is a lighting
failure, you must notify the FAA immediately.

If you do need lighting, it may be considered a "major action"
by the FAA or FCC. In that case, be prepared for lots of paperwork.
The tower must be registered with both the FAA and the FCC, and
will be the subject of periodic inspections. In general, it is
better to avoid needing lighting, even if that means a lower
tower height.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3923. Re: Morse Code again (was Re: re: do we build? was(re: arrl survey ignores 7 of 8 wrc-99 issues!)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep27.203555.29839@ke4zv.atl.ga.us>
Source record: 215944

In article <52dqss$46l@namesrv.mdc.net> jjm@mdc.net writes:
>carl@ais.net wrote:
>>In <529qh9$qtl@namesrv.mdc.net>, jjm@mdc.net (Jim Martin, WK1V) writes:
>>>
>>>Well folks the results are in! After observing the stats of the
>>>downloaded FCC database with which Microsoft Access, Foxpro,
>>>etc...were used we now know that 78%.....I say again 78% of the U.S.
>>>Amateur Radio operator population is of the coded variety.
>
>>There are a hell of a lot of us with-code licensed hams who think the
>>code test has long since outseen any semblance of usefulness and lapsed
>>into being nothing but a hindrance ...
>
>Sorry but I'm not one of them.
>
>>>Only 22%
>>>of the hams are no code technicians. That is 1/5th. I think the
>>>numbers of no-coders will have to grow for there to a significant
>>>impact here.

And that's up from the 18% of a year ago. The thing you might want
to keep in mind is that fewer than 8% of Colonial Americans were
actively involved in the Revolution. But they prevailed anyway.

This isn't an issue that is likely to be resolved by mere popularity
among current licensees. The FCC is supposed to act in the public interest,
and their perception of that interest is much more likely to be shaped by
good arguments presented by activists, from either side, than it is by nose
counts of current licensees.

The tenor of Commission thinking, as reflected in public statements
on related issues in recent times, is not resonant with the arguments
put forth by the majority of pro-Code test activists. The current
Commission seems intent on using their position to facilitate the
application of newer technologies and promotion of more efficient
spectrum management strategies for public benefit rather than to act
as defenders of the status quo.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3924. re: pro - cw !!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <52hg83$848@jupiter.planet.net>
Source record: 215945

> markl@dove.net.au (Mark Little) writes:

> > for someone so smart he can trun down mensa and copy 20wpm
> ^^^^
> > code in his head it's spelled "ridiculous"
>
> Couldn't resist ;-) It's spelt "turn".

>
> Mark
> (I hope I didn't make an error!)

excellent. you were the only one who caught it!!

Steve
Down with code
Down with Theory

Spectrum of the people by the people and for the people

Eliminate all code and theory requirements. allow anyone to be a ham
CARL for king of the hams

3925. Re: Vanity calls -- someone else eats my pie?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: Stan Vandiver <kd9be@pla-net.net>
Message-ID: <324C6473.5AA5@pla-net.net>
Source record: 215946

Steve Wolf wrote:
> If you have
> a problem and are going to crab then at least follow it through
> and make a formal accusation and force them to defend themselves.
> Snide remarks and innuendo sound more like internet posts than
> hams talking to hams.
>
> --
> 73,
> Steve

I thought this *IS* an internet site! While for the benefit of hams, it does not
require a license (vanity or otherwise) to read/reply. It also does not require
us to be civil or use "polite radio language."

One of my "proposed" vanity calls (W4DX) was also issued just before the opening of
Gate 2. It just makes you *WONDER* why, if someone was eligible earlier, they would
choose to wait 'till the last minute like that? Perhaps, as someone else suggested,
these people just upgraded in the nick of time to get these callsigns... knowing they
would certainly be issued quickly under Gate 2. If they were truly eligible, as
previously held or deceased related, then more power to them... I personally think
that was a good move by the FCC to accomodate those people.

I don't know any of the people in question, so I'm certainly not accusing anyone.
But I do hope that justice will prevail on anyone who did falsify their 610V. Its
not a perfect world, and one could easily suppose that some people have cheated. It
has happened at exam sessions in the past, and it has happened before with the FCC
issuing preferred callsigns. Anyone else remember those days... when you could "buy"
your callsign? You won't get many people to admit to it, but it happened. But so far, this still looks to be the "fairest" that the FCC has ever been with regard to special requests for calls. Hopefully it really is *FAIR*... and hams with "friends in high

places" have not gotten their application magically placed on the top of the stack.

Still trying to be civil... even on the internet.
Foul language available on request. ;-)
Waiting, with the rest of you, for a lucky break in the callsign lottery...

Best regards,
Stan/KD9BE

3926. Inventors & adopters

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: k0hb@hamlink.mn.org
Message-ID: <843845621.AA07354@hamlink.mn.org>
Source record: 215947

Carl said:

>It's high time the "CW olde fartz" stopped whining about the "good old
>days" and realized that in the "good old days" the hams were the
>INVENTORS and ADOPTERS of NEW TECHNOLOGY ... not the lazy, stagnated,
>technophobes they've become.

Carl,

You might wish to "watch the skies" next spring when amateurs
launch Phase 3D. Or get a copy of the "Proceedings" of the
latest digital conference or the last VHF conference. Or check
out some of the work written up in QEX in the last few issues.
Or peek over the shoulders of the guys at TAPR. Or subscribe to
the "Radio Designer" reflector. These are just a few
"visible" places, not counting all the quiet "invisible"
tinkerers, which suggest that "lazy, stagnated, technophobes"
is a somewhat innacurate set of descriptors.

73, de Hans, K0HB

--
Liberator of the Blue Smoke, and
Minister of Flux Fumes

3927. What hams know about love.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <324C5061.155F@ccsnet.com>
Source record: 215948
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

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3928. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: Thomas Foster <tlfoster@ix.netcom.com>
Message-ID: <324CB918.3AF1@ix.netcom.com>
Source record: 215949
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Cecil Moore wrote:
>
> Thomas Foster wrote:
> > The point is that CW is a very *popular* means of
> > communication. I suspect that it's popular because it's fun to use, and
> > it's still an *effective* means of communication. If CW were not
> > effective, few people would want to use it. I know I wouldn't. But just
> > listen to the many CW QSOs on the HF bands!
>
> I would conclude from the above that people would choose to learn and use
> CW even if a CW test were not required. So the above is an argument for
> removing the CW test since people would flock to such an effective means
> of communication anyway. If CW is truly attractive and effective then there
> is no reason to use the threat of force from the feds to try to give CW an
> artificial advantage over the other modes.

Cecil,

Because developing the skills needed to receive code is much more
difficult than learning theory, if given the choice most hams would
probably elect not to attempt it (Well, actually they do have a choice,
but not on the HF bands). The ham who has never learned and used the
code on the air will never realize the attractiveness of the mode.

> I assume this is true of all pro-coders and even true of the
> pro-code-testers. I just wonder if the pro-code-testers feel, really
> deep down, that CW is inferior, not attractive, and not effective and
> would disappear without government subsidy. Is it protected because it
> is a useful mode or is it simply another endangered species?
>
> 73, Cecil, W6RCA (not speaking for my employer)

Cecil, I admit that part of the reason I am a proponent of the CW
requirement is to preserve it, for I fear that without some requirement
to learn it, it will become "an extinct species."

73,
Lindsay
WA4ISZ

3929. Re: FCC priorities? was: re new call info

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: KJ4WH <grpowell@gate.net>
Message-ID: <324C54B3.252A@gate.net>
Source record: 215950

John Mitchell wrote:
Also, anyone know of any source to get more information on the
processed daily results than the "lantz" and QRZ feeds?

73,
John

John, Try www.fcc.gov/XFS_AlphaTest/amateur/wp.html

Gary KJ4WH
Lakeland, FL.

3930. Re: Freebie! (Well...almost free)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: armond@delphi.com
Message-ID: <B5IwUHt.armond@delphi.com>
Source record: 215951

Terminator <jnooney@albany.net> writes:

>the two quarters, not a check (more trouble than its worth if it
>bounces) Third, the magazines will be sent via bulk mail with the next

Your thought that I would write you a bad (bouncing) check for 50 cents is
highly insulting and obviously reflects on the magazine, which you can keep.

3931. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep27.221130.249@ke4zv.atl.ga.us>
Source record: 215952
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <324B091D.53D9@gte.net> Jim Conn <jconn@gte.net> writes:
>I was simply making the point that technology is relative. Is AM
>superseded by SSB? Is RTTY superseded by PACTOR? Supersede is defined as
>"cause to be set aside, to force out of use as inferior". My point is
>this: AM is still being used, ergo, it has not been superseded by SSB.
>RTTY is still being used, ergo, it has not been superseded by PACTOR.
>Morse is still being used, ergo, it has not been superseded by some other
>mode.

AM may not be completely gone, but it's usage (outside services where it is mandated by regulation) has dropped from nearly 100% of voice modulation techniques to about 1% or less in favor of SSB or FM. I'd be hard pressed not to say AM had been obsoleted by SSB and FM.

RTTY vs PACTOR is a similar situation, though not yet so extreme. The number of RTTY users is down sharply, and the number of PACTOR users is up sharply, to the point where PACTOR has become the most commonly used non-Morse text transmission method in the amateur service. The trend is clear, PACTOR is displacing RTTY. And as in the case of AM vs SSB, it is not just a matter of a fad. There are sound technical reasons why it is happening.

The same is true with Morse. While its use is declining very sharply over all radio services (albeit only slightly at present among amateurs), the other text transmission methods are gaining ground rapidly. For example, usage of non-Morse digital text operation has doubled even among amateurs in the last 5 years (according to ARRL surveys), while Morse activity has not gained share. Indeed, it is reasonable to say that Morse is well past its high water mark as a text transmission method. Like AM vs SSB, or RTTY vs PACTOR, Morse is being superceded by more efficient techniques.

These things don't happen overnight. It is often said that old paradigms don't finally die until their last adherent dies. But that's a reflection of a stubborn resistance to change, and not because there remains any superiority to the older paradigm.

Now this is all perpherial to whether code testing remains a valid requirement for an amateur license. Recreational horseback riding is actually a growing sport, with more riding horses in the US today than in 1900, but we don't require a test in horseback riding to obtain a driver's license. Our access to the roadway is not predicated on a demonstration of an activity which was once quite utilitarian but which today is only a passtime, albeit a popular one.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3932. Re: Internet via Ham Radi

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep27.231550.644@ke4zv.atl.ga.us>
Source record: 215953

In article <324B90AF.34AB@primenet.com> "Charles P. Hobbs" <transit@primenet.com> writes:
>Len Anderson wrote:
>> BANDWIDTH. The Internet is High-Speed, High-Capacity meganetwork that
>> carries thousands of newsgroups with a few million users on the net at
>> the same time during peak traffic. Technically not possible in the
>> limited spectrum space of ALL amateur radio bands up to X-band combined.
>
>In San Francisco, there's a wireless Internet service called
>Ricochet, that uses zillions of part-15 low power transmitters
>on 902-928 mHz to provide "radio modem" service throughout the
>city. . .

It's amazing what our old friend the inverse square law can do
for us when we use a little creative thought about the problem.
As noted at the FCC forum on new wireless applications, the spectrum
really does have infinite (or at least arbitrarily large) capacity
when we employ the right techniques to exploit it.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3933. Re: Email address of NA4G, RD Keys?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: pschleck@oasis.novia.net
Message-ID: <52hppo$l7b@oasis.novia.net>
Source record: 215954

In <FAUNT.96Sep27131302@netcom9.netcom.com> faunt@netcom9.netcom.com (Doug Faunt N6TQS +1-510-655-8604) writes:

>I've lost his address, but have information about CW contacts with the
>Jeremiah O'Brien.
>73, doug

Mr. Keys is a charter member of my Amateur Radio Elmers Resource Directory (going back to mid-1991, at least), and I'm glad to have him aboard.

This means that his E-mail address can be obtained via the Directory at:

http://www.novia.net/~pschleck/elmers/

In particular:

http://www.novia.net/~pschleck/elmers/K.html#Keys

--
73, Paul W. Schleck, KD3FU
pschleck@novia.net
http://www.novia.net/~pschleck/
Finger pschleck@novia.net for PGP Public Key

3934. Re: Datagram vs Connected (was: ARRL "Representation" on code and other issues)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: Phil Karn <karn@unix.ka9q.ampr.org>
Message-ID: <324CC074.41C67EA6@unix.ka9q.ampr.org>
Source record: 215955
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

Rob Janssen wrote:

> And yes, it detects re-transmitted TCP segments before putting them
> in the VC queue, so that there won't be a TCP re-transmission queued
> before the first attempt had a chance to go to the other side.
> (also in the intermediate routers)

As "layering violations" go, this one is actually a fairly good idea.

Earlier this year I came up with another one that's similar. The problem I was concerned with is the congestion caused by TCP ACKs when streaming data at high speed over an asymmetric path (e.g., a cable modem). My solution is to implement mechanisms at the bottleneck router that drop duplicate acknowledgements when they're superseded by more recent ones. That is, when you're about to queue a new packet on a link and there's an older one for the same connection already in the queue, look at the older one to see if it carries any data or flags. If not, replace it with the newer packet. Since TCP acks are cumulative, the new packet can replace the older one.

I'd like to see more simulations of both ideas, but right now they seem pretty benign and workable. Both our "layer violations" consist of occasionally dropping a packet, something the Internet already does on its own so TCP is designed to deal with it. The important thing is that the packet is not *modified* in any way that might spoil the end-to-end integrity check.

Phil

3935. Re: Datagram vs Connected (was: ARRL "Representation" on code and other issues)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: Phil Karn <karn@unix.ka9q.ampr.org>
Message-ID: <324CC39F.167EB0E7@unix.ka9q.ampr.org>
Source record: 215956
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

Gary Coffman wrote:

> It is vital to consider the entire operation on a systemic basis.

ABSOLUTELY!

> I'm with you on this, and I might add that such coding is just as
> effective against noise pulses and interference which puncture packet
> frames. It isn't just for weak signal use.

Right. Some of the original research into coding was inspired by QRM from Navy shipboard radars. Because of the short duty cycle of the typical radar pulse, coding can be especially effective against it. This should interest us, given that just about all amateur spectrum above 222 MHz is shared with military radar.

> I agree with this as well. My plaint about overhead was about
> *unecessary* overhead. The better we can engineer the underlying
> level 1, the less overhead we need to deal with impairments.
> Obviously, if impairments are still a major consideration when
> we've engineered the RF as well as we can in the traditional ways,
> then the overhead is no longer unnecessary.

I too used to believe that FEC was something you did when you couldn't make the link work without it, but I've changed my opinion on this. It belongs in *every* modern physical layer, because it always helps reduce RF power, increase user data rate and interference immunity. The only good reason for not using it in the past was the CPU intensity of decoding it, but today that's no longer a problem.

> I would caution that our amateur networks are often sparse.
> That leads to different tradeoffs in network topology than
> for a dense network where a SS microcellular approach might be
> better. Sometimes a beam pointed at a distant digital repeater
> is the right answer.

This is true, but it still calls for proper physical layer engineering in which coding plays an important part. BTW, ARQ can also be seen as a form of coding. The CRC is a high rate block code. The minimum hamming distance between valid codewords is too small to support error correction,

so "adaptive repetition coding" (i.e., retransmission of the same
packet)
is used. This works reasonably well at high SNR, but falls apart at
lower
SNR because the code just isn't well adapted to the channel.

Phil

3936. Gate 2?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: T E I X E I R A <teixeira@ccnet.com>
Message-ID: <52goro$fje@ccnet2.ccnet.com>
Source record: 215957

What's going on with Gate 2. Sound like a big mess..........

DT

3937. FS - UHF rig - 2mtr rig - Ans mach - Mics

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: Peter Michael <Pete@AirTraffic.com>
Message-ID: <324BE002.21B3@AirTraffic.com>
Source record: 215958

I have the following items for sale

(one) Kenwood TR-7950 2 mtr rig

(two) Panasonic KX-T1450 answering machines

(one) Uniden SMU 300K 440 - 480 rig

(two) Realistic 600 olm mics - great for IP phone

Best offer or trade ! Thank you

3938. GE MasterII mic question

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: wb4lzq@atl.mindspring.com
Message-ID: <52emu3$7d9@camel0.mindspring.com>
Source record: 216037

Can anyone advise me as to the pin out on GE MasterII mic connectors.
Also do they need a dc bias voltage to operate and if so what voltage?
Thanks in advance and 73. Kim WB4LZQ.

3939. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: carl@ais.net
Message-ID: <52f6j2$r87@news.ais.net>
Source record: 216038

In <52bgjs$per@brain.npiec.on.ca>, mcarter@freenet.npiec.on.ca (Mark Carter) writes:
>
>: They listen to the others and form their opinions based on the
>: opinions of the others.
>
>Translation: Most people are blind followers, mindless drones, etc.
>
> Mark

Mark ... there is probably some correlation between the above-mentioned
behaviors and the adherence to the "Morse Religion" ... after all, all
of that "reflex conditioning" is hard on the wetware ...

Carl - wa6vse
carl@ais.net

3940. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: carl@ais.net
Message-ID: <52f68t$r87@news.ais.net>
Source record: 216039

In <52bfil$per@brain.npiec.on.ca>, mcarter@freenet.npiec.on.ca (Mark Carter) writes:
>carl@ais.net wrote:
>: Never heard of Canada, huh? I understand that they will recommend
>: removal of the CW requirement ... I'm sure there will be many others,
>: too.
>
>Don't keep up with things, eh? I've had my codeless license for 6 years
>now...
>

Mark ... I was talking about recommending the removal of the CW
requirement wording in the ITU treaties with regards to HF operation.
I know that Canada has had a code-free VHF/UHF license for some time.

Carl - wa6vse
carl@ais.net

3941. Re: Cheapest way to make up QSL cards?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: prografx@teleport.com
Message-ID: <52f8kd$5i6@nadine.teleport.com>
Source record: 216040

SInce I already had the computer and Corel Draw available, I designed my own QSL card (incorporating the best features of the cards I had access to), with 4 cards laid out on an 8.5" x 11.0" page. I printed them on a b/w Laser Printr using full sheet 60lb card stock (about $7.00 for 100 sheets) then cut them up to individual cards.

In a couple of hours (start to finish), I had several hundred single-sided QSL cards with spare material to make more later!

Plus, I can change the information, layour or artwork anytime I like for variety!

Steve
WB7PSD

3942. IARU First Report (Future) International Regulations

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: Jim Reid <jreid@aloha.net>
Message-ID: <01bbac0b$b6c370a0$54070ccf@jim-reid-1>
Source record: 216041
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

The first report by the appointed committee to consider
the IARU April release of the Discussion Paper regarding
the future of the international regulations about the amateur
radio service. The complete text is posted at

www.iaru.org/fasc2out.html

The conclusion is copied below:

I would suggest that all interested in the future of the amateur radio
service to read this first report, and probably review the April
Discussion
paper about which it is commenting. Note that they continue to seed
input, even from individuals, thought it is the member country societies
whose input is still very much needed, particularly from the less
developed
countries regarding the qualifications of a radio amateur.

As the report states, things are moving even more slowly than anticipated,
so what else is new!

73, Jim, AH6NB

"12. Conclusion

While some have very clear views on a number of matters, it is clear that
many others, particularly the member societies are still investigating and
considering the issues.

It is also the fact that we have not received what we would regard as
sufficient (or any) input on some matters. An example is the lack of views
from the smaller societies, particularly from the less developed countries,
in relation to the question of the international regulations setting the
qualification for amateurs.

A number of those communicating with us have asked for proposals to put to
their administrations. We believe that is premature. There are, at this
stage, divergent views on many of the issues that are raised. The amateur
services will only succeed in achieving their objective if the member
societies speak with one voice, all taking a common view. That is not
possible at this time. For ourselves, we cannot offer any proposals that we
would feel confident either represent a view that would be acceptable to
the majority of either societies or amateurs, or, indeed, do we feel we
could be confident represents a position that we ourselves can say is the
best view.

Accordingly, we find that we are not able to make any recommendations at this time other than to recommend that the evolutionary process we have proposed should be allowed to take its course.

We continue to seek the views of individuals, groups and societies, and will be particularly interested in the discussions at the forthcoming regional conferences.

Finally, we repeat the suggestion we made in our Discussion Paper that the approach of each Region should be to formulate their view, but at the same time delegate the task of formulating a global policy to the Administrative Council after the Region 2 Conference in 1998.

The Future of the Amateur Services Committee

Michael Owen, VK3KI, Chair
John Bazley, G3HCT
Tom Atkins, VE3CDM
Terry Carrell, ZL3QL
Larry Price, W4RA
David Sumner, K1ZZ

IARU President Richard Baldwin, W1RU, is an ex officio member of the Committee.

13. Further comments

We welcome further comments. Please communicate to the Committee as follows:

By mail:

IARU FASC
c/o IARU International Secretariat
P.O. Box 310905
Newington, CT 06131-0905
USA

By FAX:

+1 860 594-0259
(label "To IARU FASC, c/o IARU International Secretariat")

By electronic mail:

iaru@iaru.org
(Subject: "To IARU FASC") "

3943. Re: 2m Wide Open in Florida

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <52fj6c$3go@cc.iu.net>
Source record: 216042

In <52bgkf$7o1@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net (Jim Kehler) writes:
>VUBS79A@prodigy.com (Drew Durigan) wrote:
>
>>As we enjoy our first cold front of the season down here, 2m is wide open
>>with tropo ducting.
>
>Wow. 200 miles. That's DEEEE-X. Imagine what you could do with a real radio
>and a fourty meter dipole........

Jim, may i humbly suggest you are exhibiting rectal cranial inversion with
this claim of a "real radio and 40 meter dipole"...

200 miles IS DX if you've never worked someone 200 miles away before.

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

3944. Re: for Gary

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: Cecil Moore <w6rca@worldnet.att.net>
Message-ID: <52fqd4$mu5@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 216043
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

"Sam Morse" <smorse@usa> wrote:
>If your FSK decoder is simpler than that, AND you can decode
>the sounds by ear then I'll agree with you.

Please tell me how to decode CW by ear when I'm going
deaf. Digital modes are ideal for me. I assume you would
bar deaf people from ham radio because they can't hear CW?

My single-chip FSK decoder is much, much simpler than a
transceiver and I have 20 microcontrollers in my junkbox
that can do the decoding for me. If you're not too lazy
to expend a little effort, I'll teach you how.

73, Cecil, W6RCA

3945. Re: Boatanchors newsgroup?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: mc@shore.net
Message-ID: <52g09a$2su@northshore.shore.net>
Source record: 216044

In article <52f3sg$qbi@news.flinet.com>, KE4WBW <hrsil@flinet.com> wrote:
> Does anyone have any information on the boatanchors newsgroup or where to
>vote on its creation? I see a post now and then but never any real
>discussions.
>--
>Henry Silvia hrsil@flinet.com
>{KE4WBW} WPB. FLA
>

There is a proposed newsgroup on NetNews called rec.radio.amateur.boatanchors.
The Call For Votes has just been issued. Anyone with an e-mail address can
vote on whether or not this newsgroup should be created. There is some
opposition from some of the usenet community because they didn't like the name
"Boatanchors". There was much discussion of this and the hams were firm
in their resolve and did not change it to "antique" or "vintage".
Therefore we urge you to study the Call For Votes documents,including the
rationale and Charter and vote accordingly. The CFV documents may be
found in the rec.radio.amateur.misc newsgroup or send me (mc@shore.net) a
message and I will send it to you as an e-mail message.

If you want to vote on the creation of this newsgroup please send an
e-mail message to:

rrab@infobahn.net

no subject is required

I vote Yes on rec.radio.amateur.boatanchors

and send it....

That's it. You will receive confirmation on your vote being received.

You may also wish to vote against the creation of this newsgroup, in which
case change the word Yes to No in the text. (Equal time doctrine)!

We urge every ham with an e-mail address to vote in favor of the creation
of this newsgroup, mainly to have a public forum to discuss these matters
and also to let the usenet netnews gang and other net weenies that hams
will not tolerate being what to call our newsgroups just because THEY
don't understand the term. Funny, I have heard some computer geeks call
old PDP and IBM 360 series machines Boatanchors too!

Please vote on this issue and help the newsgroup get created. Then
subscribe and read it for a few times - you may like it!

73,

Michael Crestohl, VE2XZ/W1
mc@shore.net

Cambridge VT 05444

3946. Re: CB linear amps 4 Sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: "Charles P. Hobbs" <transit@primenet.com>
Message-ID: <324B8F97.231D@primenet.com>
Source record: 216045
Cross-posted to: rec.radio.cb,rec.radio.swap,rec.radio.amateur.misc

Anthony S. Pelliccio wrote:
>
> In article <32496ACD.2520@ix.netcom.com>,
> Larry Shilkoff <shilkoff@ix.netcom.com> wrote:
> >B. swanson wrote:
> >>
> >> if you don't get caught it is not a crime.
> >>
> >
> >And people wonder why our social norms appear to be declining.
>
> Goes along with my theory about traffic lights after midnight. I apply
> the "If a tree falls in the woods and there's nobody there to hear it
> fall, does it make a sound?" principle. By that I mean, if it's after
> midnight and there's nobody else around (most importantly there's not a
> cop nearby), and you run the light, does anyone see you run the light?
>

I don't know if anyone saw you run the light, but .. .if someone
buys one of those 5 Kw amps and fires it up on CB, we'll *all*
hear about it (on our radios and TV's and telephones and teeth and . .
.
:-)

3947. Re: Internet via Ham Radi

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: "Charles P. Hobbs" <transit@primenet.com>
Message-ID: <324B90AF.34AB@primenet.com>
Source record: 216046

Len Anderson wrote:

> EA>for it. The cable companies are already talking about putting it on
> EA>cable but I would like to see a non-commercial place for it. The cellular
> EA>phone industry with their network of repeaters is also talking about
> EA>making it available so why not HAM radio?
>
> BANDWIDTH. The Internet is High-Speed, High-Capacity meganetwork that
> carries thousands of newsgroups with a few million users on the net at
> the same time during peak traffic. Technically not possible in the
> limited spectrum space of ALL amateur radio bands up to X-band combined.

In San Francisco, there's a wireless Internet service called
Ricochet, that uses zillions of part-15 low power transmitters
on 902-928 mHz to provide "radio modem" service throughout the
city. . .

3948. Re: Cheapest way to make up QSL cards?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <52fjlt$3go@cc.iu.net>
Source record: 216047

In <charles1DyB6M9.IG3@netcom.com>, charles1@netcom.com (charles copeland) writes:
>After talking to Kinko's, I'm quit shocked what they want to make 3X5
>QSL cards. A mininum of 100 at 41 cents EACH! Price drops to 18 cents
>each for 1000 ... thats $181!

check with real printers in your area plus the guys that advertise in the mags.
Kinko's isn't the best price because they specialize in being convienent for folks
that either have last minute things to do or don't do enough of anything to
justify the time to locate a conventional solution.

at their price you can buy paper stock and a *color* printer and print cards on
demand...

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

3949. Re: Datagram vs Connected (was: ARRL "Representation" on code and other issues)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: Phil Karn <karn@unix.ka9q.ampr.org>
Message-ID: <324B9313.167EB0E7@unix.ka9q.ampr.org>
Source record: 216048
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

Gary Coffman wrote:

> Yes, that's absolutely right, Phil. But the *first* line of attack
> should be even more basic. The RF links should be engineered
> with adequate fade margin. The topology of the network should avoid
> hidden or exposed terminals. And the basic signal design should
> be robust. If you do those things right, you shouldn't need
> a particularly strong FEC (with its necessarily high overhead),
> and you shouldn't need many ARQ repeats (with their even worse
> congestive effect on the network).

Gary, you're quite right that improving the RF hardware will always help. That's so obvious I didn't even think it worth stating. :-)

More seriously, as nice as it would be to engineer good links, this just isn't always possible due to cost constraints, lack of good sites, zoning and deed restrictions, etc. So there's room for improvement at multiple levels; hopefully the sum of these improvements will be worthwhile.

You mention "fade margin". In the presence of relatively fast fading, i.e., fade intervals on the order of a transmission time, coding can be of even greater benefit than on a non-fading channel. Some numbers: a typical coding gain on an additive white gaussian noise (AWGN) channel (e.g., a satellite or deep space link) is maybe 5-7 dB. But on a Rayleigh fading channel, coding with sufficient interleaving can produce power gains of 30-40 dB, depending on the desired error rate (the lower the desired error rate, the bigger the gain of coding).

Rayleigh fading describes many real-world channels, including mobile radio, HF and EME. Of course, if the fade rate is too slow to cover with interleaving, coding won't be able to ride across the gaps. But in the vast majority of cases, interleaver spans that correspond to typical packet sizes are long enough to give significant benefit.

You also mention "overhead", an often pejorative term. Yes, the redundancy added by coding is "overhead" in the sense that it doesn't carry additional user data, but the payback is often in being able to run *more* user data than you could without the overhead, which means you still end up well ahead. Coding (of which spread spectrum can be seen as a special form) not only lets you use less transmitter power to achieve a given user data rate, but that lower transmitter power means less QRM to other users, and you are in turn more tolerant of QRM from other users. This is why coded spread spectrum systems are

the technologies of choice for commercial and military packet radio networks where it is no more practical to eliminate hidden terminals and put up big antennas than it is in the amateur service.

Phil

3950. re: pro - cw !!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: markl@dove.net.au
Message-ID: <843825854mnewsmarkl@dove.net.au>
Source record: 216049

```
>
>
> > carl@ais.net writes:
> > In <DxyoE6.63v@iquest.net>, payne@iquest.net (Don Payne) writes:
> > >
> > >Hey! We already HAVE no-code ham radio. It's called CB!!!!
> > >I rest my case.
> > >Don
> > >WB5IQV
> > >
> >
> > Rediculous ... you obviously have no case.
> ^^^^^^^^^^
>
> for someone so smart he can trun down mensa and copy 20wpm
^^^^
> code in his head it's spelled "ridiculous"

Couldn't resist ;-) It's spelt "turn".

>
> >
> > Carl - wa6vse
> > carl@ais.net
>
>
> steve the troll
> in your face till you remove the curse
> .

Mark
(I hope I didn't make an error!)
```

3951. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep27.101346.27886@ke4zv.atl.ga.us>
Source record: 216050

In article <5279dd$cs0@usenet.pa.dec.com> flaherty@pago-pago.pa.dec.com (Paul Flaherty) writes:
>carl@ais.net wrote:
>>
>> If we don't use what we have more effectively, we'll ultimately lose it.
>> The current number of hams supported by our HF bands is a drop in the
>> bucket ... and our modulation techniques cannot even meet those that are
>> required under the FCCs new rules for the land mobile services (spec'd
>> in bits/sec/Hz)
>
>The pressures on the HF spectrum are entirely different from those at VHF+.
>For the most part, industry has abandoned HF in recent years in favor of
>satellite transmission, which is more reliable and offers more bandwidth.
>Moreover, the HF allocations are international, and as such less subject to
>industrial pressure. For these reasons, the amateur HF allocations have
>expanded in recent years, while VHF+ has contracted for the most part.

Satellite excels when the demand is for point to multipoint distribution of high data rate information. An example is distribution of television programming. Marginal transponder rental costs are currently about $400 an hour. To distribute a one hour program to 200 stations costs about $2 per station. That's about four times cheaper than the usual alternative of UPS shipment of videotape. It can also be more immediate, IE the program distribution can be "live".

Now the capital costs of such a distribution network are fairly high. Most of the cost is concentrated in the satellite (about $100 million), and in the uplink station (about $250,000). The cost of downlink stations is much less (from about $1,000 to $10,000), but there are a lot of them, so the aggregate cost is still $200,000 to $2 million for a 200 station network. To amortize those costs, the system has to have heavy loading.

Idle transponder time "costs" money because the satellite lifetime is finite. An unsold hour can never be recovered. So every unsold hour represents a finite cost increase for each remaining hour of the satellite's lifetime in order to recover the capital cost of the satellite. Idle time at the uplink and downlink stations is relatively less important because their capital costs are less, but they can still represent a significant burden on the owners of those systems. The capital cost of setting up to ship or receive UPS packages is insignificant compared to setting up to uplink or downlink the data. So again, high utilization is important to amortize the costs of these systems.

If distribution is point to point, the transponder rental time becomes the burden of a single user. This is a significantly higher

cost than UPS shipping. So satellite use for point to point carriage doesn't make sense unless the need for immediacy is overwhelming. Worse, since the uplink and downlink capital costs now have to be borne by a single customer, those costs' contribution to the hour's distribution cost increase by a 200:1 ratio as well. Scheduling the transponder's time for full utilization becomes a more difficult task as well, so the hourly rental increases in order to cover this. Typically, hourly rental for this sort of activity jumps to $1,000 an hour.

If the distribution is mulitpoint to multipoint, things rapidly get out of hand. Every station must now have uplink as well as downlink capability, adding about $50 million to network capital costs, and available transponder time becomes a bottleneck. It can take more than 400 hours to satisfy the needs of the 200 station network now. That is longer than the shipping time via UPS, and costs per user are much higher as well. So this latter type of operation is generally considered non-viable.

If we scale the data rate down, and scale the size of the network up, this model becomes even more applicable. For point to multipoint distribution, satellite becomes even more viable, while for multipoint to multipoint it becomes even less viable. The point to point case retains its sensitivity to end user capital costs. And in all cases the network has become vulnerable to single point failure at the most expensive node, the satellite.

Now the HF users who have moved (or who are considering moving) to satellites have done this cost analysis too. HF operation is essentially similar to satellite operation except that the transponder is "free", and unfortunately, less predictable in quality and availability. It is the latter factors which prompted most moves away from HF.

Fortunately, technology marches on. Use of modern digital modes with strong FEC, and perhaps using SS techniques as well, can upgrade the quality of the HF link to where it rivals that of the satellite link (for low rate data). And ALE techniques can compensate for the variability of propagation to a large degree. Uplink and downlink station costs are also modest. Thus HF is getting a fresh look by those who had previously abandoned it, or who had never previously considered it a viable medium for their communications needs.

Those stalwarts of HF usage, the international broadcasters, were widely expected to abandon HF for satellite a few years ago. The point to multipoint model benefits most from satellite distribution. But that appears to have changed now. There is a new digital broadcast system being pushed which offers most of the advantages of satellite without the costs of satellite. That's become viable because of the promise of consumer recievers using only one or two chips which can implement it.

Going purely on historical trends is dangerous. Technological change often means that simple extrapolation of past trends will be grossly in error. HF is getting a fresh look, and it is looking good to several potential users. On the flip side, the big and little LEOs are giving satellites a fresh look as well. It is difficult to determine now which way activity will move.

For high rate data, the move to satellite, and increasingly to fiber, is likely to continue. But for users with relatively low data rate requirements, HF has become a viable option once again.

>> SSB is actually *more efficient* than CW ... in terms of information
>> conveyed per Hz consumed. The fact that its bandwidth is wider than
>> even fast CW is irrelevant to the issue of efficiency. To argue to the
>> contrary only shows a lack of understanding of the issues involved.
>
>This is right on one account and wrong on two. For starters, the relevant
>metric is spectrum*space per conversation, not per bit rate. CW conversations
>are simply slower and more compressed. But they take up less than 1/24th of
>the occupied bandwidth of SSB. In addition, CW QSOs generally run at
>appropriately lower power levels, so the overall occupancy is much lower.
>
>I'd suggest that you read my paper in the 7th ARRL CNC.

I've read it, it doesn't imply what you suggest above. The proper metric in any finite spectrum is information per second per Hertz. If the purpose of operating is not to convey information, then a simple dead carrier will suffice. And since that carrier carries no information, it can be stacked on a single frequency with all the other non-functional carriers, and reduce spectrum requirements to nil. Or alternately, since the absence of a carrier is equally meaningless if we aren't trying to convey information, there is no need to occupy spectrum at all.

But the purpose of communications is to convey information, so the proper metric in a finite spectrum is information per second per Hertz. Certainly the FCC considers it so, as Commissioner Susan Ness recently remarked.

Note of course that the Hertz don't have to be contiguous, as SS amply demonstrates. There are three axis along which we can pack information. Those are the frequency axis, used in FDMA, the time axis, as used in TDMA, and the spectral density axis, as exploited by CDMA. This latter isn't as easy to envision, but it essentially exploits excess SNR to pack signals into overlapping spectral bins.

As noted in your paper, there are occasions when we can exploit polarization or directional antennas to promote spectral reuse. But that's really perpherial to this discussion since it applies mainly to spectrum not under consideration here.

Gary
--
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Lawrenceville, GA 30244 | |

3952. Help: 706 and AT180

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: fleet@mbl.edu
Message-ID: <fleet-2709960807350001@smac6.mbl.edu>
Source record: 216051

Does anyone know if a duplexer can be used on the output of the tuner? I'd like to use a duplexer for HF/6M rather than a coax switch and was concerned that the tuner tend to hunt rather than tune properly. Tnx for any input. fleet@mbl.edu

3953. Re: Solar Flux WWV ??

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: timh@xetron.com
Message-ID: <DyE47o.99p@xetron.com>
Source record: 216052

gopher://proton.sel.noaa.gov/00/latest/wwv

Prepared by the U.S. Dept. of Commerce, NOAA, Space Environment Center.
Created 0903 UT 27 Sep 1996

Geophysical Alert Message

Solar-terrestrial indices for 26 September follow.
Solar flux 70 and Boulder A-index 22.
The Boulder K-index at 0900 UT on 27 September was 4 (56 nT).

Solar-terrestrial conditions for the last 24 hours follow.
Solar activity was very low.
The geomagnetic field was unsettled to active.

The forecast for the next 24 hours follows.
Solar activity will be very low.
The geomagnetic field will be unsettled to active.
.

In article <DyAGGE.5B0@mv.mv.com>, rlubash@poco.mv.com says...
>
>I was wondering if anyone had a URL for the WWV 3 hour solar flux and K
>& A values. I thought that WWV had a page but I was only able to find
>time info.
>
>Thanks in advance
>
>Richard, N1VXW
>
>---
>
>Richard Lubash
>N1VXW
>email rlubash@poco.mv.com

--
Timothy W. Huster
http://www.xetron.com/~timh timh@xetron.com
kb8bnk@kc8tw.#cin.oh.usa.na
"...and Dad! I'm not your Son. I'm your wife's People Baby!" Andrew H. age 4

3954. Hobby of Crochet Significantly Moves forward

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <52gg3p$k2q@freenet-news.carleton.ca>
Source record: 216053

With the new stiching techniques developed by people in the hobby.
Crochet has significantly advanced in the past 50 years. However, ZigZag
stiching is no longer an entry requirement for entering the Bazar Club.

Modern stiching machines have hobbyers to thank for their development
over the years.

Get a life, its a hobby.
--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

3955. Re: FCC License Processing Time...

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: prvalko@saturn.acs.oakland.edu
Message-ID: <52gkom$aeo@news2.acs.oakland.edu>
Source record: 216054

Steve Kennedy (prografx@teleport.com) wrote:

: My friend took his test Sunday 9/22/96, the application was filed in
: a group electronically with the FCC Sunday night or Monday morning,
: and the license was processed, call sign issued, and results posted on
: the Internet by 0600 Thursday Zulu (11PM Wednesday local) 9/26/96!
: That is incredible compared to the "olden" days!

I appreciate that! I took my novice test on Dec 15th of 1975 and my
licence was issued on May 4, 1976. Of course, I did not receive it
(and could not operate!) until May 10th, 1976.

73 =paul= wb8zjl <---- watch this space!

3956. Re: HAM: Getting started

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-27 00:00:00 UTC
From: clinton.peebles@saloon.bcbbs.net
Message-ID: <960927053955209 41@saloon.bcbbs.net>
Source record: 216055

P>>You need a Canadian license, of course. I don't know if there is
>>a website with Canadian info. [...]

P>(Supplementing Gary Coffman's excellent advice.)

P>Yes, there is. It's the Radio Amateurs of Canada WWW Home Page (The RAC
>is Canada's national amateur radio society). The URL is in the entry

RAC's page is www.rac.ca

□□□

3957. Re: for Gary

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <52kcs8$sa7@news.Hawaii.Edu>
Source record: 215806
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

James W. KELLEY <jwkelley@e4e.oac.uci.edu> wrote:
>Dear Mr. Morse,
>Nice to meet you. I thought you were dead.

No need to get nasty, Jim.

>I like your suggestion, but
>nowadays there are a too many signals being transmitted for such a
>receiver to operate with adequate selectivity. But your right, they worked
>pretty good back in your day.

The ear and mind work very well together in filtering adjacent frequency
crud. During my Coast Guard days, the every 6 hour worldwide pile-up
(ships passing WX) on the HF maritime frequencies was scary for the
new op, but in a short time he could mentally filter everything so as
to copy just the calling ship.

Moistware - use it, or lose it.

KH2PZ

3958. Re: the final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <52kbe9$r3s@news.Hawaii.Edu>
Source record: 215807
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>In essence, the tradeoff is between hardware programming and
>wetware programming. The latter is almost always more costly
>in man-hours than the former.

The former took many man-hours to design and build.

I imagine you resort to using a calculator to balance your checkbook
so you don't waste man-hours using your moistware for addition and
subtraction.

KH2PZ

3959. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <52kc0v$rkm@news.Hawaii.Edu>
Source record: 215808
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>AM may not be completely gone, but it's usage (outside services where it is
>mandated by regulation) has dropped from nearly 100% of voice modulation
>techniques to about 1% or less in favor of SSB or FM. I'd be hard pressed
>not to say AM had been obsoleted by SSB and FM.

No one mandates that you spend the money and time to set up an AM
broadcast facility - afterall, you could construct an FM bcst station
more cheaply (considering the cost of the tower and acreage necessary for
the ground system). Yet new AM bcst stations are still appearing on the
dial.

KH2PZ

3960. Re: ARRL "Representation" on code and other issues

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep28.145343.3901@ke4zv.atl.ga.us>
Source record: 215809

In article <52bg72$per@brain.npiec.on.ca> mcarter@freenet.npiec.on.ca (Mark Carter) writes:
>
>Well, consider this. A 2m FM HT in Canada costs c.$400. An actual
>TNC costs about the same(at only 1200 baud!). That's $800, plus you need
>a computer. I'm sorry, but anybody with a computer and $800 in their
>pocket is much more likely to spend $200 on a 33.6kbps modem, get on the
>Internet, and keep the extra $600.

If you have a computer, why would you buy a TNC? You can decode Bell 202 with your sound card, or with one of those one chip Baycom thingies that you can slap together for about $5, and the protocol is easily implemented in software. Cost so far, zero to $5. And while I guess you could spend $400 for a new HT, why would you do that? A HT is exactly the *wrong* kind of radio to do packet. A $50 Motorola Maxar or GE MVP retrieved from surplus is a much better choice. So you can get on packet for $50. With a bit more soldering and tinkering, you can have 9600 baud for maybe $30 more in parts. So much for the cost argument.

>As for satellite or SSB work, an all-mode VHF/UHF rig costs more than a new
>computer. I think the point I'm making there is painfully obvious.

Yeah, the only way you know how to be a ham is with a credit card and an 800 number.

You want all mode cheap? Start with a fleamarket SSB CB, cost $25-$50, and build a transverter, parts cost under $75, and homebrew a beam, cost for materials, about $5. This isn't rocket science, and hams have been scroungers, modifiers, and builders from day one. It's what we *do*.

>Rig manufacturers need to cut their prices in half, and then do it
>again. The reason there's so many codeless hams that are inactive is
>because the equipment is so damned expensive.

No, it's because the only way you can imagine how to be a ham is with a credit card and 800 number.

>Even spending $400 to talk
>voice to the local guys is almost a waste of money, since(apart from
>local voice being booooring) they all meet every day to talk to each
>other face to face at a local donut shop...

Well, I can't help you there. The only way to make talking to the locals interesting, is to talk about interesting things. And the best way to do that is to be *doing* interesting things, like

figuring out ways *not* to blow $400 on a Gameboy handi scratchie.

Gary
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3961. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep28.160713.4282@ke4zv.atl.ga.us>
Source record: 215810
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <324CB918.3AF1@ix.netcom.com> tlfoster@ix.netcom.com writes:
>Cecil Moore wrote:
>> Thomas Foster wrote:
>> > The point is that CW is a very *popular* means of
>> > communication. I suspect that it's popular because it's fun to use, and
>> > it's still an *effective* means of communication. If CW were not
>> > effective, few people would want to use it. I know I wouldn't. But just
>> > listen to the many CW QSOs on the HF bands!
>>
>> I would conclude from the above that people would choose to learn and use
>> CW even if a CW test were not required. So the above is an argument for
>> removing the CW test since people would flock to such an effective means
>> of communication anyway. If CW is truly attractive and effective then there
>> is no reason to use the threat of force from the feds to try to give CW an
>> artificial advantage over the other modes.
>
>Cecil,
>
>Because developing the skills needed to receive code is much more
>difficult than learning theory, if given the choice most hams would
>probably elect not to attempt it (Well, actually they do have a choice,
>but not on the HF bands). The ham who has never learned and used the
>code on the air will never realize the attractiveness of the mode.

That presupposes that Morse is attractive. Beauty is in the eye of
the beholder, and I for one find Morse very definitely unattractive,
in fact I find it downright ugly in its inefficiency. Being coerced
by government to take a speed test, and using it on the air, didn't
change that opinion, it *formed* it. Before starting to study for
my amateur license back in 1963, I naively thought the idea of Morse
was kind of neat. It was only after going through the process that I
realized how ugly it really was.

Almost half (44%) of current licensees seem to share my opinion, because
they told the ARRL (on its survey) that they *never* use Morse. Of the
remaining 56% who do, at least ocasionally, use Morse, we don't know
how many find it attractive and how many find it a nuisance that they
put up with because counting coup requires them to use it, IE they use
it for Dx gaming.

>> I assume this is true of all pro-coders and even true of the
>> pro-code-testers. I just wonder if the pro-code-testers feel, really
>> deep down, that CW is inferior, not attractive, and not effective and
>> would disappear without government subsidy. Is it protected because it

>> is a useful mode or is it simply another endangered species?
>>
>> 73, Cecil, W6RCA (not speaking for my employer)
>
>Cecil, I admit that part of the reason I am a proponent of the CW
>requirement is to preserve it, for I fear that without some requirement
>to learn it, it will become "an extinct species."

Well, at least that's honest, and a refreshing change from the bogus reasons advanced by most of the pro-code test crowd. I disagree, of course. I think each method should stand on its own merits in open competition. Let the best method win. That's how we "improve the breed".

Part of the cost of Morse is the wetware conditioning required, and the government speed tests serve to neutralize that cost by requiring even those who would use other less costly methods to pay it. That is effectively an artificial subsidy to Morse, just as a protective import tariff is a subsidy to inefficient domestic manufacturers, and makes the competition uneven. Worse, it removes the incentive to lower costs and makes all of us pay a higher than necessary price.

Without that subsidy, I think you are correct that Morse would, if not become extinct, at least become much less used. I would not be surprised, or disappointed, if it became like AM, something people tinker with only for nostalgic reasons. I believe that's as it should be.

Gary
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3962. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: carl@ais.net
Message-ID: <52hs0t$gjk@news.ais.net>
Source record: 215959
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <52ffhl$b00@usenet.pa.dec.com>, flaherty@pago-pago.pa.dec.com (Paul Flaherty) writes:
>carl@ais.net wrote:
>
>> But someone with a CW background would for some reason "be smarter" and
>> do so???
>
>No. But someone who has demonstrated the ability to use CW is far more likely
>to use it that someone who hasn't -- as evidenced by the lack of CW use
>amongst codefree techs. They are therefore more likely to make more efficient
>use of the HF spectrum.
>

By using CW??? That CW is not the most efficient use of HF spectrum is
an irrefutable fact. That's why commercial users abandoned CW years
(decades) ago ...

>> And the "it's expensive argument is a bit of a red herring, too ...
>> anything is expensive in small quantities ... but as the volumes go up,
>> the price goes down, and competition always arises, which provides
>> further downward price pressure ...
>
>The counterargument is that it's ALWAYS cheaper to use spectrum ineffiently.

Dollars are not the relevant figure of merit ... it's an equation like:
(value_of_activity*number_of_users)/(spectral_efficiency)

Besides, the newer techologies are not inherently more expensive than
the fancy "narrow band FM" radios you mention in the following
paragraph. Being more digital in nature, they may actually be cheaper
to produce ... they're just not being cranked out in comparable volumes
yet ... primarily because users are not being pressured to make
changes.

>Again, look at the current amateur use of VHF: in urban (read "large")
>markets, the spectrum is locked up by 20kHz wide "narrow band" FM. So I
>ask again, Carl, where are all of the cheap, spectrally efficient devices
>that those pent-up codefree techies were supposed to have produced?
>
>> The commercial land mobile people will no longer be able to use the
>> current "narrowband" FM in a short time ... new radios are being
>> mandated to meet tougher spectral efficiency standards in order to be
>> type-accepted ... we're falling behind all over ...
>
>So what you're saying here, Carl, is that the codefree license, according to
>your metrics, is a failure?

I'm saying that the RULES are not in keeping with the times and do not promote technical progress in ham radio, but rather they look to the past.

>Are you now, or have you ever been a member of ARES? Have you ever passed
>emergency traffic? Have you ever run a phone patch for someone in the Armed
>Forces? Have you ever heard someone give a sigh of relief when you tell them
>that their daughter is alive and well? If not, you might want to forget about
>the books and the soldering iron for a while, and do some real operating.
>

I recently moved to a new area and have not yet gotten involved with the local emergency comm groups ... (moving, new job, etc.)

However, for nearly 20 years in SoCal, I was VERY active in ARES activities ... for many of those years, I was a co-owner of a very wide area multi-site, multi-band VHF/UHF repeater system affiliated with state RACES/ARES and the state OES office ... I've spent hundreds (probably thousands) of hours working fires, floods, mudslides, earthquakes, etc. ... usually as NC of an area-wide VHF/UHF net supporting Red Cross disaster assessment and shelter operations ...

Carl - wa6vse
carl@ais.net

3963. Re: Travel with toys (electronics)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: wf3h@enter.net
Message-ID: <52i03l$kga@news.enter.net>
Source record: 215960
Cross-posted to: rec.travel.air,alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc,rec.aviation.piloting

jamoran@indirect.com (John Moran) wrote:

>has anyone traveled domestically (US) or Internationally with electronic
>equipement and experienced any security delays related to the toys you
>were traveling with.

scanners are illegal in some states so check the laws before you go.
On overseas stuff, i once carried a brief case full of semiconductor
lasers thru customs....they were searching the guy ahead of me, and
just asked what i was carrying. when i told them, they let me thru!

3964. Re: Help: 706 and AT180

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep28.004052.1109@ke4zv.atl.ga.us>
Source record: 215961

In article <fleet-2709960807350001@smac6.mbl.edu> fleet@mbl.edu (Betchy) writes:
>Does anyone know if a duplexer can be used on the output of the tuner? I'd
>like to use a duplexer for HF/6M rather than a coax switch and was
>concerned that the tuner tend to hunt rather than tune properly. Tnx for
>any input. fleet@mbl.edu

If I follow what you are asking, you want to split off to two antennas,
one for HF and one for 6m, and you want to do that with a duplexer following
the AT180. It seems to me that if the duplexer has good isolation, that
should work just fine. The tuner just won't "see" the other antenna
when operating on the respective bands.

I would caution that the AT180 has a rather limited matching range,
it shuts down at anything over 3:1, and I wouldn't expect wonders from
it. This is actually to the good in your setup since a bad mismatch at
either antenna could adversely affect the isolation offered by the duplexer.
So your antennas will have to offer a reasonable match without the tuner,
and the tuner will serve mainly as a final "touch up" of the match. This
may not even be necessary. The IC706 is quite happy with any SWR below
2:1.

If you haven't yet bought the AT180, I'd be tempted to save the
money and just concentrate on getting a reasonable match at the
antennas.

Gary
--
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3965. Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: <>
Message-ID: <52i23a$2pni@news-s01.ny.us.ibm.net>
Source record: 215962

Have you ever been so absolutely frustrated and aggravated with a situation that you can't even talk? I mean so tight-jawed, mad, that you just end up shaking your head? I've been waiting as well as a lot of folks for the FCC to figure out how they were going to do the Vanity Call's. There answer was like a lot of the crap that goes on in today's world. Vend it out! That way they can get the benefits,(30 bucks a pop) and put the blame somewhere else if it turns out bad.

I carefully picked out callsigns that I thought would be neat. Hell I even wrote a program two years ago that would parse the QRZ data base and provide me with a list of un used 1X2 and 2X1 calls. It took a little time and effort, but that was part of the fun.

So I waited for the 610-V to arrive in the SASE, and carefully filled it out, paying particular attention to legibility. (An issue according to what I had read). I went to the US Post Office and bought a $30 Postal Money Order. I didn't want any delay caused by waiting for a personal check to clear.

On Thursday the 19th of September I went back to the U.S. Post Office to deposit my application. "Will it get there by Monday?" I asked the local Postal guy. "Well, the only way to make certain is Express Mail". I said "O.K., but it can't arrive before Saturday afternoon" "No problem, we just check Second Day, and weekend delivery. It'll be there on Saturday!" Great, I thought, Eastern Indiana to Western Pennsylvania $10.75 what a bargain. At least it would be there on time. So I plunked down the money, filled out the form with the Postal Clerk and walked away with the receipt to check confirmation.

Monday the 23rd I called the US Post Office number to check to see when it was delivered. "Package delivered Friday". WHAT? How could that happen? This is a bad dream. Not bad enough I guess.

Today, Friday I called the FCC to see if there would be a problem with this. Yep, there was a problem. You see, they don't make deliveries so they weren't at fault there. They did a Pontius Pilate on the special delivery mail room that THEIR VENDOR had control over. They even could justify that they had deposited my $30. I would just have to request a refund after they played with my application for a few more days. You see THEIR VENDOR in their zeal, started entering apps on Monday morning before the OFFICIAL opening of the gate was blessed. So if you were one of the many folks that tried very hard to play by their rules, you may have got the short end of the stick. I was informed that not only had the US Postal Service made this mistake (SNAFU isn't that what

the politicians call it now? Some of us know what that acronym means!) but that Federal Express had errantly delivered too early. If your name is on the WIP (Work in Progress) list, your hosed. By the way, the notification procedure on this is when you get your app back in 2 or 3 weeks, you may request a refund.

Jim

3966. Re: FCC License Processing Time...

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: prografx@teleport.com
Message-ID: <52hqh1$eug@nadine.teleport.com>
Source record: 215963

prvalko@saturn.acs.oakland.edu (prvalko) wrote:

>Steve Kennedy (prografx@teleport.com) wrote:

>: My friend took his test Sunday 9/22/96, the application was filed in
>: a group electronically with the FCC Sunday night or Monday morning,
>: and the license was processed, call sign issued, and results posted on
>: the Internet by 0600 Thursday Zulu (11PM Wednesday local) 9/26/96!
>: That is incredible compared to the "olden" days!

>I appreciate that! I took my novice test on Dec 15th of 1975 and my
>licence was issued on May 4, 1976. Of course, I did not receive it
>(and could not operate!) until May 10th, 1976.

>73 =paul= wb8zjl <---- watch this space!

I took my exam at the local FCC field office (1973/74). The tests
administered by a REAL FCC Field Engineer in the middle of a weekday
in a large government building. I was the ONLY one there for testing
(which added to the stress) and I missed my 13wpm code test by this ><
much!

I waited what seemed like 2 or 3 months to get my ticket in the mail,
and I have been a (what is now known in Politically Correct terms as a
"Tech Plus") Technician ever since!

Steve
WB7PSD

3967. Boatanchors info. received

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: hrsil@flinet.com
Message-ID: <52i44g$nuv@news.flinet.com>
Source record: 215964

Thanks to everyone for sending me info. on the Boatanchors newsgroup, I was worried about not getting my two cents worth in instead of lurking through these other newgroups....
Thanks again,
--
Henry Silvia hrsil@flinet.com
{KE4WBW} WPB. FLA

3968. Anybody Operated From St. Martin (Caribbean)?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: kn4aq.gary@mms.net
Message-ID: <52i5gt$aft@ralph.vnet.net>
Source record: 215965

I'll be vacationing in St. Martin/Sint Maartin later this winter, and was wondering about local operating (I have received my French license, but not my Dutch one yet -- I'll be staying on the French side of the island).

I'm wondering about the repeater (I see one listed on 146.76 in the ARRL directory). Is there much local activity, and any in English (my French is pretty rusty, and my Dutch doesn't exist)? What kind of coverage does it have?

I will attempt to tote an HF station (the Icom 706 is easy... the power supply is another matter, and I know I'll need a 220 volt primary). Any suggestions?

Thanks and 73,
Gary KN4AQ
--

Gary Pearce Avid/Video Editor Internet:kn4aq.gary@mms.net
116 Waterfall Ct. Franklin Video
Cary, NC 27513 Raleigh, NC
919-380-9944 919-833-8888 Ham Radio: KN4AQ

3969. Re: FCC License Processing Time...

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: prvalko@vela.acs.oakland.edu
Message-ID: <52i6gf$bt9@news2.acs.oakland.edu>
Source record: 215966

Steve Kennedy (prografx@teleport.com) wrote:

: >Steve Kennedy (prografx@teleport.com) wrote:

: I took my exam at the local FCC field office (1973/74). The tests
: administered by a REAL FCC Field Engineer in the middle of a weekday
: in a large government building. I was the ONLY one there for testing
: (which added to the stress) and I missed my 13wpm code test by this ><
: much!

You gave up too soon Steve! Novice tests in 1976 were given by ham volunteers. I think the FCC *may* have given the novice back then too.

I missed the 13wpm (heck, I missed the General Theory-there was no "Tech" theory back then) the first time too. My friend passed his General Theory but missed the code by >< that much.

I month later, I passed the theory but we both missed the code, he never went back and is still a tech, I gave it one more shot and passed the code (finally)!

3970. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: prvalko@vela.acs.oakland.edu
Message-ID: <52i7tp$bt9@news2.acs.oakland.edu>
Source record: 215967

Jim,

You are so cranked that you lost me about half way through your tirade!

You only have a "problem" if Mellon Bank stamped your 610V "REVD 09/20/96"

And even then, the FCC may cut you some slack and enter you as a "legal" gate 2 for Monday.

Your mistakes include assuming that personal checks have to clear (they don't), and that FedEX can't deliver anything early (they DO!).

My "Next Bussiness Morning" FedEx went out Friday and was signed for on Monday at 9:30am by the mysterious "Lock Box Supervisor (FedEx actually gave me a name)."

Looks like we all have a 1 in 5 chance. Keep your fingers crossed.

73 =paul= wb8zjl <-----watch this space

3971. This Week in Amateur Radio #183 (for air through 10/4/96)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: "Stephan M. Anderman" <sanderman@delphi.com>
Message-ID: <BfBSkfn.sanderman@delphi.com>
Source record: 215968

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-
Here is a summary of news items covered on edition #183 of
"This Week in Amateur Radio", North America's satellite-delivered
audio bulletin service, for the week ending 4-Oct:
-
1. Thousands of Extra Class Licensees Enter Call Sign "Lottery"
2. DOD/MARS Stations to Abandon All CW Operations on October 1st
3. RAC Elections, VO1NA Leads New Newfoundland/Labrador Section
4. AMSAT-NA Re-elects KB1SF, W3IWI, and WA5ZIB; KA7LDN Alternate
5. Special Event Station Calendar
6. FCC Solicits Comments on IARP and CITEL/Amateur Convention
7. "Gateway 160 Meter Net Report" with Vern Jackson, WA0RCR
8. Shuttle Atlantis Lands after Completing Planned SAREX QSOs
9. Random SAREX Activity Reported Down Due to Work Schedules
10. Lucid Leaves Atlantis on Her Own, Gets Presidential Phone Call
11. California Ham Appointed New Stateside Mir QSL Manager
12. US House Passes "Space Commericalization Promotion Act"
13. Weekly Propagation Forecast
14. "The RAIN Dial-up" from Chicago
15. Arvid Anderson, W1RRS, SK, Helped Install Famous W1AW Rhombic
-
Funding for the program's transmission and production expense was
provided this week by a grant from Keith McQueen, N7HMF, of Orem,
Utah, where "This Week in Amateur Radio" is heard on the N7HMF
repeater on 448.025 MHz serving Provo, Orem, and Utah County.
-
"This Week in Amateur Radio" is a weekly amateur voice bulletin
service, produced by Community Video Associates, Inc., a New York
State not-for-profit corporation based in Albany, NY. The program
is heard on the "W0KIE Satellite Network" each Saturday at 9:00 PM
(EDT) on the Hughes Communications SBS-6 commercial communications
satellite, transponder 13B upper, located at 74 degrees west
longitude in equatorial geosynchronous orbit. The transponder
center frequency is 12.019 GHz; tune up in frequency to 12.031 GHz.
Program audio is on the 6.2 MHz analog subcarrier and carried on
VHF/UHF repeaters throughout North America and on 160 meters at 1860
kHz. Contact your local amateur radio club or repeater operator if
"This Week in Amateur Radio" is not being heard in your area.
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Production and transmission expenses are underwritten by donations from repeater operators, amateur radio clubs, and individuals. Further information is available from George Bowen, N2LQS, at 518/283-3665 (email kxkvi@delphi.com) or Stephan Anderman, WA3RKB, at 518/664-6809 (email sanderman@delphi.com). You may also reach them @ WA2UMX.FN32AW.ENY.NY.USA.NA via amateur packet.

3972. Re: What Burt Fisher knows about hams.

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <52i5q3$aat@freenet-news.carleton.ca>
Source record: 215969

Burt Fisher (k1oik@ccsnet.com) writes:
> -

--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

3973. Re: Datagram vs Connected (was: ARRL "Representation" on code and other issues)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep28.002143.929@ke4zv.atl.ga.us>
Source record: 215970
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In article <324B9313.167EB0E7@unix.ka9q.ampr.org> Phil Karn <karn@unix.ka9q.ampr.org>
writes:
>Gary Coffman wrote:
>> Yes, that's absolutely right, Phil. But the *first* line of attack
>> should be even more basic. The RF links should be engineered
>> with adequate fade margin. The topology of the network should avoid
>> hidden or exposed terminals. And the basic signal design should
>> be robust. If you do those things right, you shouldn't need
>> a particularly strong FEC (with its necessarily high overhead),
>> and you shouldn't need many ARQ repeats (with their even worse
>> congestive effect on the network).
>
>Gary, you're quite right that improving the RF hardware will always
>help. That's so obvious I didn't even think it worth stating. :-)

Unfortunately, I believe that it is worth stating. Many packeteers
do seem to ignore the realities of level 1, expecting that the
"magic" of the packet protocol will fix any problems. As you note so
well below, level 1 coding magic can fix a lot of problems, but that
isn't the sort of thing the naive packeteer means. He expects level 2
ARQ to fix the problem. We both know that level 2 can sometimes make a
channel work for a user, but the cost is often reduced throughput
for everyone else sharing the channel.

>More seriously, as nice as it would be to engineer good links, this
>just isn't always possible due to cost constraints, lack of good sites,
>zoning and deed restrictions, etc. So there's room for improvement at
>multiple levels; hopefully the sum of these improvements will be
>worthwhile.

Sure. I agree that the problem should be addressed on all levels.
It is vital to consider the entire operation on a systemic basis.
Otherwise, some change we make in one part of the system may have
adverse effects on other parts of the system. The classic example
of that used to be the packeteer who put a big amplifier on his
station so that his throughput would improve. He didn't consider
the system, or the effect his big amp might have on users two
counties over. Today it is more often the packeteer who thinks
he can use his rubber ducky equipped HT to access a simplex LAN,
nevermind that he becomes a hidden terminal to 99% of the participating
stations and damages the aggregate throughput of the LAN in the
process. The whole network is a system, and must be treated that
way.

>You mention "fade margin". In the presence of relatively fast fading,
>i.e., fade intervals on the order of a transmission time, coding can
>be of even greater benefit than on a non-fading channel. Some numbers:
>a typical coding gain on an additive white gaussian noise (AWGN) channel
>(e.g., a satellite or deep space link) is maybe 5-7 dB. But on a
>Rayleigh fading channel, coding with sufficient interleaving can produce
>power gains of 30-40 dB, depending on the desired error rate (the lower
>the desired error rate, the bigger the gain of coding).
>
>Rayleigh fading describes many real-world channels, including mobile
>radio, HF and EME. Of course, if the fade rate is too slow to cover with
>interleaving, coding won't be able to ride across the gaps. But in the
>vast majority of cases, interleaver spans that correspond to typical
>packet sizes are long enough to give significant benefit.

I'm with you on this, and I might add that such coding is just as
effective against noise pulses and interference which puncture packet
frames. It isn't just for weak signal use.

>You also mention "overhead", an often pejorative term. Yes, the
>redundancy added by coding is "overhead" in the sense that it doesn't
>carry additional user data, but the payback is often in being able
>to run *more* user data than you could without the overhead, which means
>you still end up well ahead. Coding (of which spread spectrum can be
>seen as a special form) not only lets you use less transmitter power
>to achieve a given user data rate, but that lower transmitter power
>means less QRM to other users, and you are in turn more tolerant of
>QRM from other users. This is why coded spread spectrum systems are
>the technologies of choice for commercial and military packet radio
>networks where it is no more practical to eliminate hidden terminals
>and put up big antennas than it is in the amateur service.

I agree with this as well. My plaint about overhead was about
unecessary overhead. The better we can engineer the underlying
level 1, the less overhead we need to deal with impairments.
Obviously, if impairments are still a major consideration when
we've engineered the RF as well as we can in the traditional ways,
then the overhead is no longer unnecessary.

I see you are taking that a step further and advocating coding
as a primary level 1 engineering tool. One that lets us trade
off traditional level 1 RF engineering measures against coding
overhead. That offers us another way to map the topology of the
network, and may allow us to pack a higher density of users into
a given area than would be possible with traditional RF engineering
alone. I fully support that idea as an alternative method of
mapping the network. It isn't necessarily a better method, that
depends on other systemic factors in a particular network, but it
is another powerful tool in our toolbox.

I would caution that our amateur networks are often sparse.
That leads to different tradeoffs in network topology than
for a dense network where a SS microcellular approach might be

better. Sometimes a beam pointed at a distant digital repeater
is the right answer.

I try to remind people over and over that networking is a uniquely
cooperative enterprise, and that one size does not fit all. Often we
should take steps that don't necessarily directly improve our own
station's throughput so that we can effectively improve the throughput
of the network as a whole. When everyone does that, everyone benefits.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3974. Re: Hammarluns SX140 FS

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: thompson@atl.mindspring.com
Message-ID: <52feie$50l@camel1.mindspring.com>
Source record: 215971

rilowite@aol.com (RIlowite) wrote:

>Ofers anyone ? Mint cond.
>W2GKG, RIlowite@aol.com 1-201-445-1629

A what????????

SX-140 is usually a Hallicrafters number. I know of Hammarlund
(HQ129X, HQ170 fame) but not Hammarluns.

Dave K4JRB

3975. Re: Cheap Hams

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <52i2q6$kam@usenetw1.news.prodigy.com>
Source record: 215972

dg198@FreeNet.Carleton.CA (Frank Sved) wrote:
>
>
>Drew Durigan (VUBS79A@prodigy.com) writes:
>
>> Found this over on rec.radio.swap. Have fun!
>
> ====== snip ======
>
>> hobby?
>>>Todays hams are worse then CBers, they might as well call themselves
>>>CBers. For fun listen to some of the conversation on their
>>>repeaters...they have nothing to talk about since they don't know any
>>>technology, so they can't discuss building or repairing equipment..
they
>>>have nothing to talk other then what CBers do...BS
>>>And as far as cheap, there not cheap, they are plain dishonest. They
>>>steal commercial equipment from sites, and equipment from other shops..
.
>
>
>So what Drew? I can go to any .anarchist, .supremicist news groups and
>find the same prejudicial, blanket garbage.
>
>Why spread another's propoganda? Perhaps justify one's own groundless
>beliefs? Come on Drew, you can do better.

I thought it may be of interest to the group of hams that frequent this
newsgroup, that's all.

If you don't want to "spread propaganda", why are you keeping the thread
going by responding to it?

-Drew in Sunny Central Florida-
KF4DDM

3976. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: Cecil Moore <w6rca@worldnet.att.net>
Message-ID: <52igq9$bn8@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 215973
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Thomas Foster <tlfoster@ix.netcom.com> wrote:
>Because developing the skills needed to receive code is much more
>difficult than learning theory,

Hi Lindsay, most of the people I work with already know ten times the amount of theory they need to pass the written tests. It ain't exactly rocket science. The only thing standing in the way of a massive smartening up of ham radio ranks is that darn CW test. Please don't tell me there's always the tech license. Dr Williamson doesn't like being a low-class ham and neither do hundreds of other competent engineers who have already paid their dues in electronics.

73, Cecil, W6RCA

3977. invitation

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: yntravel@elephant.sitiy.yn.CN
Message-ID: <9609280706.AA04527@istiy.yn.cn>
Source record: 215974

China Kunming BY8SKM CQ CQ CQ
Hello !
This is HAM organization of Kunming, Yunnan, China.
As the first HAM body from China, we are excited to
extend greetings to all HAMs around the world. Our
organization was established and registered with local
authority on April 18,1996 as a non- governmental society.
We have got BY8SKM license and plan to open our radios
officially on Nov.23,1996, which will signify the end of
long blankness of HAM activity in the 8th area of mainland
China.
Now we have 47 members, among them are clerks,
communication professionals, teachers and entrepreneurs.
Their equipments are self-made or old military type. As HAM
activity appeared in China just several years ago, it yet
to be accepted by most people and generate more fans.
Now BY8SKM uses a BARRETT 550 made in Australia with
power of 100 w and operation mode CW.SSB.FM RTTY antenna.

Thank you very much for reading this message which aims
at getting to know more HAM friends since HAM language is
universal and HAM fans have kindred spirit. We hope to keep
a nice contact with you and develop an unlimited friendship
in the wireless space.
We would like to invite you to come to share the
festival of our BY8SKM openning. Yunnan is a wonderful
place that can touch and impress you with many picturesque
natural sceneries and unsophisticated and kind- hearted
ethnic groups.
Your coming and attending will be a great support to us.
If you could take part in such a HAM activity in a place
far from your homeland, you would be as excited as us. This
is the first time for Yunnan HAM Society to conduct
international exchange activity, we will well prepare it to
satisfy every guest.

Following is the activity agenda:
1. Opening ceremony of BY8SKM.
2. Discussion among HAM guests and host.
3. Exchanging of cards, presentation of T- shirts printed
with call sign, sun-hats and QLS cards to guests by
BY8SKM.
4. Yunnan 1000 km HAM DX along famous Yunnan-Burma Road
(Stilwell Road during the World War II) from Kunming to Wanding.

We are looking forward to hearing from you and welcome your advices.

Jin Feibiao
Chairman of Yunnan HAM Society

Our address: #73 Renmin West Road, Kunming, Yunnan, China. Post Code: 650031
Tel: 86-871-5312283 Fax: 86-871-5312324
E-mail: yntravel@elephant.istiy.yn.cn

3978. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: tgold@microvst.demon.co.uk
Message-ID: <843894445snz@microvst.demon.co.uk>
Source record: 215975

In article <52i7tp$bt9@news2.acs.oakland.edu>
prvalko@vela.acs.oakland.edu "prvalko" writes:

> Looks like we all have a 1 in 5 chance. Keep your fingers crossed.

What is this 1 in 5?

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

3979. Re: Wanted: Heath HW8 Handbook/mod book

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: bruce muscolino <w6toy@erols.com>
Message-ID: <52ivdb$euu@test-sun.erols.com>
Source record: 215976
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

The HW-8 Handbook was compiled and published by Mike Bryce. Mike is an avid and active QRPer. The book covers both the HW7 and HW8. It has been through two editions. I believe you can still buy it from Mike. Mike is the QRP editor of 73 Magazine and the Publicity Chairman of the QRP Amateur Radio Club International (QRP-ARCI). I'm sorry I don't have Mike's address handy, but you can write to him at the address given in his 73 Magazine column.

73,

Bruce -- W6TOY/3
QRP, Really! (c)

3980. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: mc@shore.net
Message-ID: <52j2hs$e2v@northshore.shore.net>
Source record: 215977

Geez, Jim.....why didn't you do your homework? The FCC made it very clear that anything received after Friday Sept 20th would be datestamped with the next FCC business date, ie: Monday the 23rd. I, like thousands of others, mailed mine on Saturday morning by Express Mail and it was duly delevered on Sunday to the postal lock box in Pittsburgh.

Then there's the guys who had it shipped FedEx and didn't put the lock box number on the envelope on the inside of the big courier envelope....guess what happened to their apps?

My philosophy on this kind of the thing would be to make the rules of acceptance more stringent (specific size envelopes, etc) so that the people who could read, understand and comply with the instructions would have first shot at these choice calls.

I am sorry that your app was not in the bin dated the 23rd. But maybe the calls you want will still be available when they get around to your application.

73,

Michael Crestohl, KH6KD/W1 (W1??)

mc@shore.net

3981. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: mc@shore.net
Message-ID: <52j2nb$ebd@northshore.shore.net>
Source record: 215978

In article <843894445snz@microvst.demon.co.uk>,
Anthony R. Gold <tgold@panix.com> wrote:
>In article <52i7tp$bt9@news2.acs.oakland.edu>
> prvalko@vela.acs.oakland.edu "prvalko" writes:
>
>> Looks like we all have a 1 in 5 chance. Keep your fingers crossed.
>
>What is this 1 in 5?
>
>Regards,
>--
> Tony - G3SKR / AA2PM email: tgold@panix.com
> tgold@microvst.demon.co.uk
> packet: g3skr@n0ary.#nocal.ca.usa.na

The way I see it, with 4500 first day applications from ALL call areas which averages to less than 450 per area and there being at least that many 1X2s, counting the W, K and N calls, we ALL should do pretty well.

Anyways, it gives us all something to look forward to......

73 and good luck to us all!

Michael Crestohl, KH6KD/W1 (hopefully soon W1JS or something equally cool!)

mc@shore.net

3982. Re: Travel with toys (electronics)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: craig@pacific.net.sg
Message-ID: <324d14ae.47115724@news.pacific.net.sg>
Source record: 215979
Cross-posted to: rec.travel.air,alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc,rec.aviation.piloting

lgus@hub.ofthe.net (Gus) wrote:

>actually there was a list of airlines that came out on this ng (I
>think)

Which ng? You have posted to:

rec.travel.air,alt.radio.scanner,rec.radio.scanner,
rec.radio.shortwave,rec.radio.amateur.misc,rec.aviation.piloting

> that listed airlines that tested certian toys on their planes
>and found that they did not bother anything electronic on the plane
>and therefore allow you to use the toys.

I haven't seen any such list, and *every* airline with which I fly my
300,000+ per year *specifically* excludes such toys.

> it also listed airlines that
>tested toys and found them to be unsatisfactory for use on the plane.
>not all scanners and computers will harm the electronics on a plane.
>it all depends on the electronics that the plane is outfitted with.

I can't argue with that. But again, I make the point that if it's
against the airline's rules, you shouldn't be using them.

Craig

3983. Re: Vanity calls & Something Far More Interesting

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: flanders@groupz.net
Message-ID: <52jach$ms1@news1.sunbelt.net>
Source record: 215980

"Arlan Levitan" <arlan@worldnet.att.net> wrote:

>I recently VE'd at a session and was presented with a 610 with the
>Physician's waiver section on the back filled in and signed by a Doctor of
>Osteopathy. The party in question was a tech plus and was taking the
>General written exam. Several of us were well aquainted with the fellow, a
>pleasant enough person, who has exhibited nary a trace of any sort of
>disability in the four years we have known him. I called the other VEs out
>of the room to discuss the matter. We all knew that the applicant had never
>attempted the 13 or 20 wpm tests. A few of the other VEs said that it was
>not our place to call the physician's certification into question. That,
>they claimed, was the business of the VEC and FCC. They were not even
>willing to ask the fellow what the nature of his disability is. The group
>decided to pass the paperwork on, with myself as the lone dissenter. Since
>we had a half-dozen VEs at the session I was afforded the luxury of
>refusing to sign the CSCE or 610.

>What would you have done? Was I being too up tight?

>73 ES GUD DX
>ARLAN KG8OW
==========
Would it have been possible to: Attach a cover letter, clearly
explaining the situation, giving names and addresses of witnesses to
the applicants actual physical condition, and stating your suspicions
clearly and succintly, while recommending that this applicant be
required to undergo a different physician's examination, somewhat like
a ham might be re-examined if questions arose about his VE examiner?

Is there any rule preventing such a cover letter? Would there be any
concern that an applicant might sue a legally unprotected VE over such
a letter, claiming some sort of slander? Wasn't there a plan to
legally insulate VEs from such liability? How did that turn out?

Unless the VE has some recourse, we will be flooded by bogus
applicants.

What does the ARRL VE boss say about this?

Jerry W4UKU South Carolina

3984. Re: Need help understanding tower lighting

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: Stan Huntting <stan@mutadv.com>
Message-ID: <01bbad46$45e25f40$036085cc@stan.csn.net>
Source record: 215981

Gary Coffman <gary@ke4zv.atl.ga.us> wrote in article
<1996Sep27.194313.29563@ke4zv.atl.ga.us>...

> If lighting is required, you must notify the FAA. You are not
> permitted to light a tower without their knowledge (and approval).
> And any lighting you do use must be FAA certified. You can't just
> hang any old lights up there. And once you're committed to lighting
> the tower, you must keep the lights working. If there is a lighting
> failure, you must notify the FAA immediately.

Hmmm... Please help me understand if this might affect my plans.

My tower, at 87', went up, with the FAA in the loop, and does NOT require lighting. However, as it sits in the center of my front yard, it looks to me like a great place to mount motion-detector triggered floods to illuminate the front of the house when a visitor (or intruder) is sensed. I planned to experiment with height, but expect that the lights would be mounted somewhere in the 10' - 20' above ground level.

Is this a violation of the regulations that you are referring to?

And another question: what special precautions should I take when feeding 115vac service to these floods? I have a 5", schedule 40 PVC pipe that runs from my basement to the tower base with all of the feedlines and rotator control wiring, and planned to run "underground" type A/C cable through that with a Polyphaser IS-ISP-240 protector mounted at the base of the tower. Should I tie the ground wire of the 115vac line to the tower base ground and radial system at this point too?

Any help would be appreciated. Thanks and 73,

Stan

Stan Huntting, KF0IA
Email: stan@mutadv.com
Fax: 303 444 2314
KaWin home page: http://www.mutadv.com/kawin/
Postal address: 4655 Pleasant Ridge Rd.,
Boulder, CO 80301-1731, USA

3985. Re: 2m Wide Open in Florida

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <52jg51$dcc@dfw-ixnews2.ix.netcom.com>
Source record: 215982

In <cgreenha.726.324C1972@magnus.acs.ohio-state.edu>
cgreenha@magnus.acs.ohio-state.edu (Christopher K. Greenhalgh) writes:

>
>>Let the code wars and
>>flame wars begin (again!)
>
>There is no war...you currently have to pass a morse code test to gain
access
>to the amatuer HF bands...PERIOD.
>
>Take care drew. :)

Hi Chris,

How have you been you seem to have healed from the 9600 baud wars OK.
At last glance Drew had HF access. Being a Tech+ he can work CW on
several bands as well as phone on the most active part of 10 meters.
I do understand your sentiment since you still seem to be a Tech-
without any code at all.

Take care

Jerry
>
>
>
>
>
>
>
>Christopher K. Greenhalgh, N8WCT
>Computer/Electronic Tech. II at The Ohio State University
>E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
>AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

3986. Re: 2m Wide Open in Florida

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: cgreenha@magnus.acs.ohio-state.edu
Message-ID: <cgreenha.547.324D59FE@magnus.acs.ohio-state.edu>
Source record: 215983

In article <52jg51$dcc@dfw-ixnews2.ix.netcom.com> kc5egg@ix.netcom.com(Gerald Schmitt)
writes:

>>There is no war...you currently have to pass a morse code test to gain
>access
>>to the amatuer HF bands...PERIOD.
>>
>>Take care drew. :)

>Hi Chris,

Hi Gerry.

>How have you been you seem to have healed from the 9600 baud wars OK.

I was never injured, hence, have nothing to heal. :)

>At last glance Drew had HF access. Being a Tech+ he can work CW on
>several bands as well as phone on the most active part of 10 meters.

Um...er...yea, so? I knew that drew is a tech plus...did you have a point here?

>I do understand your sentiment since you still seem to be a Tech-
>without any code at all.

What "sentiment" is that Gerry? I merely pointed out the current requirments
to have HF privilges...again, I dont see a point to this entire post.

Take care Gerry, and good luck.

Christopher K. Greenhalgh, N8WCT
Computer/Electronic Tech. II at The Ohio State University
E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

3987. Re: Freebie! (Well...almost free)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: nobody <jnooney@albany.net>
Message-ID: <324D5B35.6391@albany.net>
Source record: 215984

armond@delphi.com wrote:
>
> Terminator <jnooney@albany.net> writes:
>
> >the two quarters, not a check (more trouble than its worth if it
> >bounces) Third, the magazines will be sent via bulk mail with the next
>
> Your thought that I would write you a bad (bouncing) check for 50 cents is
> highly insulting and obviously reflects on the magazine, which you can keep.

Obviously you know nothing about being in business or you would know
that people have bounced checks for amounts as little as 10 cents (ever
hear of someone writing a check on a closed account?). It has no
reflection on the magazine you ignoramus and quite frankly we wouldn't
want you as a subscriber. You are just living proof that in the ham
community there are people who think their crap doesn't stink and that
anyone who is not a ham is beneath contempt.

3988. FS Icom RC-71A/SP-3/RC-11/QF1A

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: "Mark A. Vargas" <mvargas@worldnet.att.net>
Message-ID: <01bbad5f$a39267c0$abd446c7@mark>
Source record: 215985
Cross-posted to: rec.ham-radio,rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.swap

I have an Icom IC-R71A Short-wave receiver for sale with matching Icom IC-SP3 external speaker and Icom RC-11 remote control. I am also including the Autek research QF1A SSB/CW/AM filter.

Condition of this RC71A is exceptional. No Blemishes scratches etc. Speaker and peripherals are like new including the QF1A from Autek research.

The Icom IC-R71A covers 100Khz-30 Mhz
100Db of dynamic range
Passband Tuning
Adjustable notch filter
Level and pulse width
Selectable noise blanker
Selectable AGC
Filter switches
Keyboard frequency entry
SSb--AM--CW--RTTY and optional FM
32 memory channels
optional CW narrow filters

The Package price is $775.00 Transaction via UPS COD. {Free shipping UPS COD via UPS regular to CONUS}
Package only it is not being broken up.

Mark
KD2DI

3989. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: carl@ais.net
Message-ID: <52jo3s$mfc@news.ais.net>
Source record: 215986
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <324CB918.3AF1@ix.netcom.com>, Thomas Foster <tlfoster@ix.netcom.com> writes:
>
>Because developing the skills needed to receive code is much more
>difficult than learning theory, if given the choice most hams would
>probably elect not to attempt it (Well, actually they do have a choice,
>but not on the HF bands). The ham who has never learned and used the
>code on the air will never realize the attractiveness of the mode.
>

Many, many of us long-licensed no-code advocates, who obviously learned
the code to get our licenses, still find the code to be *exceedingly*
UNATTRACTIVE ... how does the pro-code "logic" explain this pheomenon?

Also, if we had DECENT written tests on theory, your assertion that
"developing the skills needed to receive code is much more difficult
than learning theory" would not apply ...

You seem to be amongst the crowd that:

a) feels the code should be preserved at all costs, whether newcomers
are interested in preserving/using it or not
b) feels that some hurdle or barrier must necessarily be overcome to
prove that the necomer is "worthy" to be a ham
c) feels that the code is th ONLY suitable hazing ritual to satisfy b)

>Cecil, I admit that part of the reason I am a proponent of the CW
>requirement is to preserve it, for I fear that without some requirement
>to learn it, it will become "an extinct species."

And that would be the "end of the world", right? (NO, NO, NO!!!!)

If the code is (as some of us assert) so practically useless in today's
technological society, then maybe it should go the way of the Dodo bird
.. though I doubt it ever will ... I believe that there will probably
always be a small group of adherents who will practice it and encourage
others to learn and use thie code ... this is fine and good ... but
that's a far cry from forcing it down everyone's throats by government
mandate. (Which is what we seek to end.)

Please rethink your position ... you can be one of the "keepers of the
faith" and encourage the learning and use of the code by newcomers ...
without being a tyranical dictator and forcing it on them ...

73,
Carl - wa6vse
carl@ais.net

3990. Re: FCC priorities? was: re new call info

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: fer-tree@pacbell.net
Message-ID: <52k2ra$7ln@pbinews.snfc21.pacbell.net>
Source record: 215987

jbmitch@vt.edu (John Mitchell) wrote:

>In article <52emjt$opo@nadine.teleport.com>, prografx@teleport.com
>says...
>>
>>Also "www.qrz.com" carries the daily FCC report,

>Having checked both sources mentioned in this thread, I must say it
>doesn't appear that the Vanity Calls are being processed very
>expeditiously.
They were certainly expeditious enough in the cashing of the
checks. Mine cleared my account (in California) on Wednesday. I guess
even the government knows how their bread is buttered.

3991. 2nd CFV: rec.radio.amateu

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: fred.mckenzie@spacecoast-bbs.com
Message-ID: <8C93372.00900049F2.uuout@spacecoast-bbs.com>
Source record: 215988

DC> The term "Boatanchors" refers to equipment (more than 25 years old)
DC> used by amateur radio operators ("hams"). The term is used by hams
DC> to describe equipment which they are particularly fond of, usually
DC> for nostalgic reasons.
Dave-
I have no problem with a special-interest group forming a newsgroup,
and calling it anything they want. Good luck in your endeavor.
What I want to call attention to, is that some Hams have a different
definition of a Boat Anchor. I think many (if not most) of us use the
term in a derogatory manor. A Boat Anchor isn't just an old rig - it is a
rig of ANY age that no one would want to use if they could help it.
At a Hamfest, the Boat Anchors are the rigs that are still on the
tables at closing time of the last day. They are the ones that their
owner will abandon on the swap table, and the Hamfest committee will toss
into the dumpster. Many are AM rigs with high-current power supplies full
of iron. Thus, they aren't good for anything except for use as a Boat
Anchor! THAT is how they got the name, and there is little nostalgia
attached to them.
73, Fred, K4DII

This copy of Freddie 1.2.5 is being evaluated.

3992. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep28.014517.1518@ke4zv.atl.ga.us>
Source record: 215989
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <51v8bo$geh@usenet.pa.dec.com> flaherty@pago-pago.pa.dec.com (Paul Flaherty) writes:
>Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
>
>> SAC started using SSB at the same time amateurs did, and for the same
>> reason, Collins produced a radio small enough, cheap enough, and stable
>> enough to make it practical. (It was really the Collins mechanical filter
>> that first made SSB practical for installations without continuous
>> technician support to keep it tweaked.)
>
>Not quite. The reason that SAC started using SSB was because hams began using
>it a few years after the war, and discovered it was heads and above AM. One
>of those hams was Curtis LeMay; after having used it himself, he ordered a ton
>of S-Line gear from Collins for SAC.

Art Collins and Gen. LeMay took a round the world flight in a SAC bomber carrying Collins' new SSB transceiver. The communications to and from SAC bases were so superior to what they experienced with the older AM equipment in direct A/B comparisons that LeMay immediately instigated a changeover at SAC to SSB.

If my memory hasn't gone South, I believe the radio was the KWM-1, and not the S-line. That came later, and I don't believe it was used airborne. Eventually the military ordered tons of KWM-2s for all sorts of communications jobs, some of which may still be in use today in some third world military. or our National Guard. :-(

Amateurs were starting to use SSB before this event, but mostly with unstable phasing rigs. It was the Collins filter rig, which could withstand the rigors of combat aircraft flight, that made it possible for SAC to convert to SSB.

Amateurs gravitated to filter rigs as well, though not as quickly due to the cost. There were still phasing rigs in use in the 1960s. I remember a particular HT37 which was more often a DSB rig than a SSB rig. Other manufacturers tried other types of filters, and the crystal filter became the standard of the less expensive amateur SSB radio.

As these things sometimes go, the price of the mechanical filter has declined, and the performance of the crystal filter has improved, so that the two are now nearly equals. But now really practical and stable phasing systems are becoming feasible, and the mechanical and crystal filters may have seen their day as the

centerpiece of the HF radio.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3993. Re: Hispanic activity on 10MHz?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep28.022927.1772@ke4zv.atl.ga.us>
Source record: 215990

In article <1119.6842T651T603@pop.uky.edu> Wally@POP.UKY.EDU writes:
>
>I set my clocks around the house and on my HP48 calc to WWV every now and
>then, and the last two times I've tried I could barely hear the announcement
>of the time due to strong signals of hispanic origin. And it doesn't seem to
>be a conversation, rather about 5 people talking on top of each other. Today
>I could hear three distinct conversations.
>
>I've heard of Mexican taxi drivers using 10M, perhaps I misunderstood and it
>is 10MHz they use to chat with each other?
>
>Kinda weird, I guess if they're close enough the strong WWV signal doesn't
>bother them. I'd rather talk in a quiet room than at a concert, though! :)

Ah, but in that case would you always know the correct time?

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3994. Re: for Gary

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep28.022502.1682@ke4zv.atl.ga.us>
Source record: 215991
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <01bbaa82$81c0fec0$204d4486@ghost.iupui.edu> "Sam Morse" <smorse@usa> writes:
>Gary,
>
>you forgot that OOK Morse code is the only
>DIGITAL code that can be received by no other
>signal processor than a brain. Plus, it's the simplest
>communication (besides radio, you can use a flashlight,
>whistle, smoke, you name it!). That can be important
>in an emergency.

I believe the native Americans used smoke signals without knowing Morse, or passing a government test. Fancy that. And ancient Romans used heliographs without knowing Morse. Whistle signals are as old as warfare. Etc. There is nothing mystical about Morse which makes it possess qualities not available with other codes.

>Most of us do NOT carry equipment capable of combined
>FH/PN spread spectrum communication using
>sophisticated error correction algorithms.

Perhaps you should. The military does. CDMA cellphone users do. Silicon is cheap, manhours and spectrum are expensive.

>I'd like to see you decode FSK by ear...

As a matter of fact, I can decode RY and my call sign by ear when operating RTTY. Of course the speed is 60 WPM, and I doubt you could do better with Morse. Slow it down to 13 WPM, and it is not significantly different to decode RTTY by ear than it is to decode Morse by ear. In fact, the first CW was FSK because the arc transmitters used to generate CW couldn't be keyed on and off, but were shifted between two frequencies by the key. Thus the first FSK operators *did* copy by ear. Of course what they copied was sent *very* slowly by machine standards.

Come back when you can reliably send and receive 60 WPM Morse without mechanical aid. Oh, wait, did I tell you I'm using Clover now? Come back when you can do 470 WPM Morse without mechanical aid.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3995. ICOM IC-Z1A Info

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: "James A. Sumption" <jsumption@juno.com>
Message-ID: <324D7264.4924@juno.com>
Source record: 215992

I am looking for any modifications or
programming tips for ICOM IC-Z1A Dual Band
Hand Held.
Please send any info to e-mail.
Thanks
K9YCA

3996. Re: 2m Wide Open in Florida

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <52k9ht$91n@sjx-ixn4.ix.netcom.com>
Source record: 215993

In <cgreenha.547.324D59FE@magnus.acs.ohio-state.edu>
cgreenha@magnus.acs.ohio-state.edu (Christopher K. Greenhalgh) writes:
>
>In article <52jg51$dcc@dfw-ixnews2.ix.netcom.com>
kc5egg@ix.netcom.com(Gerald Schmitt) writes:
>
>>>There is no war...you currently have to pass a morse code test to
gain
>>access
>>>to the amatuer HF bands...PERIOD.
>>>
>>>Take care drew. :)
>
>>Hi Chris,
>
>Hi Gerry.
>
>>How have you been you seem to have healed from the 9600 baud wars OK.
>
>I was never injured, hence, have nothing to heal. :)

If your ego wasn't injured you will never understand.

>
>>At last glance Drew had HF access. Being a Tech+ he can work CW on
>>several bands as well as phone on the most active part of 10 meters.
>
>Um...er...yea, so? I knew that drew is a tech plus...did you have a
point here?
>
>>I do understand your sentiment since you still seem to be a Tech-
>>without any code at all.
>
>What "sentiment" is that Gerry? I merely pointed out the current
requirments
>to have HF privilges...again, I dont see a point to this entire post.

I'm sorry you didn't understand my post. I tried to make it clear and
didn't use any big words.

Please read the above sentence it is an example of the proper use of
contractions.

>
>Take care Gerry, and good luck.

Why is it that you can't seem to learn to spell my name? Is this some
juvenile attempt to annoy me or are you really that stupid?

Take care yourself
Jerry
>
>
>
>Christopher K. Greenhalgh, N8WCT
>Computer/Electronic Tech. II at The Ohio State University
>E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
>AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

3997. Re: Wanted: Heath HW8 Handbook/mod book

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: wa7twi@primenet.com
Message-ID: <52jtp5$bik@nnrp1.news.primenet.com>
Source record: 215994
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

bruce muscolino <w6toy@erols.com> wrote:

>The HW-8 Handbook was compiled and published by Mike Bryce. Mike is an
>avid and active QRPer. The book covers both the HW7 and HW8. It has
>been through two editions. I believe you can still buy it from Mike.
>Mike is the QRP editor of 73 Magazine and the Publicity Chairman of the
>QRP Amateur Radio Club International (QRP-ARCI). I'm sorry I don't have
>Mike's address handy, but you can write to him at the address given in
>his 73 Magazine column.

>73,

>Bruce -- W6TOY/3
>QRP, Really! (c)

Mike Bryce can be contacted at 2225 Mayflower, N. W., Massillon, OH 44710.

An excellent book. I have it myself and won't even loan it out for fear it will never return.

Richard

Richard Kendrick CET WA7TWI |
Amateur Radio Extra Class | Do not adjust your mind, there
QRP #4129/G-QRP #8591/MI-QRP #M-1412 | is a fault in reality.
Mesa, AZ email: wa7twi@primenet.com |

3998. Re: Travel with toys (electronics)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: siegman@ee.stanford.edu
Message-ID: <siegman-2809961224020001@aesmac.stanford.edu>
Source record: 215995
Cross-posted to: rec.travel.air,alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc,rec.aviation.piloting

Technical article on potential interference between consumer electronics and airliner electronics in current issue of IEEE Spectrum. Haven't had time to read it, but conclusion seems to be, it's worth being concerned about.

3999. Icom T22A ..Help needed

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: kenvun@pc.jaring.my
Message-ID: <52jrht$ckn@jaring.my>
Source record: 215996

can anyone have the tricks to expand the transmit frequencies
to go beyond 140-150 MHz?

4000. WRITERS SEEKING PUBLICATION

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: cloen651@aol.com
Message-ID: <52jv5t$dru@newsbf02.news.aol.com>
Source record: 215997

SUBJECT: ALL WRITERS SEEKING PUBLICATION

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4001. Re: 2m Wide Open in Florida

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: cgreenha@magnus.acs.ohio-state.edu
Message-ID: <cgreenha.550.324DBA97@magnus.acs.ohio-state.edu>
Source record: 215998

In article <52k9ht$91n@sjx-ixn4.ix.netcom.com> kc5egg@ix.netcom.com(Gerald Schmitt) writes:

>>I was never injured, hence, have nothing to heal. :)

>If your ego wasn't injured you will never understand.

Guess Ill never understand...but if its YOU that youre trying to make me understand, I dont really care then. :)

>>What "sentiment" is that Gerry? I merely pointed out the current
>requirments
>>to have HF privilges...again, I dont see a point to this entire post.

>I'm sorry you didn't understand my post. I tried to make it clear and
>didn't use any big words.

Your subtle immature insults aside...you still didnt answer the question.

>Please read the above sentence it is an example of the proper use of
>contractions.

Most users use a type of "short hand" in typed messages on the internet, and packet. My purposful exemption of apostrophes is just that...a short cut.

I am sorry if you reading "dont" as opposed to "don't" confuses you. Perhaps you could contact OSU and complain again, and my boss will send out a memo regarding contractions poted to Usenet.

>Why is it that you can't seem to learn to spell my name? Is this some
>juvenile attempt to annoy me or are you really that stupid?

You listed name in call servers is "Gerald", and thought you went by the known nickname of "Gerry". It was NOT my intention to "annoy" you, but given your response...it must have.

Take care Gerald, and good luck.

Christopher K. Greenhalgh, N8WCT
Computer/Electronic Tech. II at The Ohio State University
E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

4002. IPS Daily Report - 28 September 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <52kc3k$4ht@flare.syd.ips.oz.au>
Source record: 215999
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 28/2330Z SEPTEMBER 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE AUSTRALIAN SPACE FORECAST CENTRE
SUMMARY FOR 28 SEPTEMBER AND FORECAST FOR 29 SEPTEMBER - 01 OCTOBER

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 71/6

GOES satellite data for 27 Sep
Daily Proton Fluence >1 MeV: 2.0E+06
Daily Proton Fluence >10 MeV: 1.8E+04
Daily Electron Fluence >2 MeV: 2.2E+08 (moderate)
X-ray background: A1.5
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
29 Sep 30 Sep 01 Oct
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 29 Sep: 70/5

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Unsettled

Estimated Indices : A K Observed A Index 27 Sep
Learmonth 13 2333 3332
Fredericksburg 18 18
Planetary 15 13

Observed Kp for 27 Sep: 4444 3212

2B. MAGNETIC FORECAST
Date Ap Conditions
29 Sep 15 Unsettled
30 Sep 13 Unsettled
01 Oct 30 Active to minor storm
COMMENT: IPS Geomagnetic Warning 11 was issued on 28 September
and is current for interval 30 September to 1 October. Activity
is expected to briefly decline until 1 October, when active to
minor storm levels are expected due to another coronal hole.

There now appears to be two coronal holes is close proximity
to each other on the visible solar disk.

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band
Date Low Middle High
28 Sep Normal Normal Fair
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
29 Sep Normal Normal Fair
30 Sep Normal Normal Fair
01 Oct Fair Poor Poor
COMMENT: HF conditions at mid-high latitudes are expected to
become degraded on 1 October in association with expected geomagnetic
activity.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
28 Sep 7

Observed Australian Regional MUFs:
Darwin: enhanced 30% 00-03UT. No data 03-24UT.
Townsville, Sydney, Hobart: near predicted monthly values.

Predicted Monthly T index for September: 9

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
29 Sep 5 near predicted monthly values
30 Sep 5 near predicted monthly values
01 Oct -10 10 to 30% below predicted monthly values
COMMENT: Degraded HF conditions expected during interval 30 September
- 1 October. Depressions of 10 to 30% expected for southern region
(mid to high latitudes), Northern region (low latitudes) should
continue to use monthly T index of 9.
--
IPS Radio and Space Services | email: asfc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/asfc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
tel: +61 2 94148300 | fax: +61 2 94148331

4003. Need article from may 89 QST

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: tom chase <chaset@ultranet.com>
Message-ID: <324DD02F.2032@ultranet.com>
Source record: 216000

Hi, I am trying to connect a newer rig, to an older amp

and the arrl suggested I build a device that was featured

in the May 89 QST. Could someone please copy this article

for me? I will gladly pay expenses. Thanks & 73 Tom K1UM

4004. Answer for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: steve <kd6fyk@wco.com>
Message-ID: <324DDDE4.7E8F@wco.com>
Source record: 216001
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Carl and Gary continue to blow all the others out of the water with

their honest answers in the debate.Thanks guys.

73 steve

51.33% of U.S. hams are technicians!

4005. FREE for the taking

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: jhardy-k4hav
Message-ID: <324d9436.62703348@snews2.zippo.com>
Source record: 216002

Why pay for something when you can get it FREE? The FCC makes its Amateur Radio Callsign Database available from its FTP Site. The entire database is updated every Monday with daily updates for calls issued every day.

However, the database as downloaded is of little use. I have written a program that takes this "raw" database, converts and condenses to an usable database which can be searched by callsign. The name and address will be displayed and a label can be printed if desired. I am making this program available as FREEWARE and it can be downloaded from my "FCC DB" web page URL: http://www.surfsouth.com/~jhardy/fcc.htm or there is a link from my home page.

You can get the same data by buying a CD from one of the commercial suppliers such as QRZ, BuckMaster, SAM, CallBook, etc., but my method will be much more current and can be updated FREE at any time instead of buying another CD. Of course, the same data is provided free via the various web pages (QRZ, BuckMaster, etc) but you have to be online to access these.

By using this approach you could also provide this database to your local hams that are not on the Internet by giving them copies on floppies. Or if someone had access to a FTP site that had spare room, the database could be stored there and updated weekly. The condensed database requires about 34MB of hard disk space, but this has over 720,000 calls in it.

Drop by my web site and download this program and give it a try. If you have any questions email me.

Jim Hardy, K4HAV
10X-17605
(912) 387-7373
email: jhardy@surfsouth.com
Home Page: http://www.surfsouth.com/~jhardy

4006. Re: Digital/Analog HF Receiver Design

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep28.054856.2427@ke4zv.atl.ga.us>
Source record: 216003

In article <32496374.4E0A@erols.com> howard@erols.com writes:
>Hey, Jim, don't let these guys get you down. They're in a purgatory of
>frustration at the moment, having good theory but lacking the elemental
>building block of an adequate (24 bit, 90 MHz) A/D converter for HF.

Not so. Sony has the AD9040, which is cascadable to 24 bits.
It was developed for HDTV digital video recorders, 230 Mbps.
Ok, it is $165 *now*, and you have to cascade three of them,
but that'll come down as it goes into volume production. The
problem then becomes a DSP fast enough to deal with all the
data it produces if you insist on doing direct to digital
instead of I/Q sampling. I don't think direct digital will
be viable for some time to come.

>Although you can subsample with lesser converters, that only begs the
>question since the desired signal must be known to be bandlimited
>adequately or you get tons of garbage. Without preselection (which is
>why it begs the question) subsampling will not do wideband .5 - 30
>MHz... The logical question is "When will the desired A/D converter be
>available?" I am still waiting for that answer!

You have it. But who says preselection isn't possible? Hell, my
old Drake 2B had it, why can't I put some in front of a synchrodyne
I/Q DSP receiver? I don't need a whole lot, just enough to keep the
diode ring mixers from generating cross modulation products. The
brickwall filters are at baseband in the I and Q channels. They don't
have to be tunable.

This answers your objections completely. The sample rate for the
I and Q channels only has to be 2x the passband of the receiver,
and that's an audio rate. Now we have DSP chips that can handle
that.

>The EM interference at 900 MHz is not to be compared with that
>at HF. That is one reason that this PCS gear can be made for $1.98 -
>the required distortion performance is a lot less. I worked on an HF
>receiver/preselector that had to deal with 100V 10% off-frequency. I
>have also worked with with HF full duplex, and its essentialy unsolved
>co-location problems. I don't think UHF has many equivalent
>situations.

That's certainly tough. However, within 10% bandwidth at many urban
sites there may be 12 or more 350 watt transmitters co-located with
my equipment and with their antennas separated by only a few feet from
mine. At one site here, I get 20 watts reflected on the Bird with my
transmitter OFF. That's within 20 db of the situation you describe.

>Another advantage is that the problem to be solved at 900
>MHz is narrowband. Compare the %BW at 900 MHz with the multioctave BW
>at HF, and it's a different ballgame for many system blocks, such as the
>synthesizer, front-end filtering, spurious management, etc. The IQ
>crowd always seem to wind up with a fixed IF to work with -- it must be
>nice. Note that in every instance they rely upon analog techniques to
>give them that fixed IF.

I and Q are *baseband*. I don't know how you got some other impression.

>Come to think of it, I'm not sure but as I
>recall 24 bit A/D technology is stuck somewhere down around a sample
>rate of 10 Hz or so. Maybe more. I dunno.

Obviously not. Successive approximation converters can be that slow,
but flash converters certainly aren't. Fast 8-bit flash converters have
been common for a while, but cascadable flash converters have not.
No more. Silicon exists. It takes three clocks to get a complete
sample conversion, but there's speed to burn with the new chips
developed for HDTV.

There is another way too, and it looks cheaper for now. I can use a
1-bit converter and oversample. I have to oversample really fast to get
24 bits, of course. I'm researching that now.

>There is one thing which could make the whole discussion moot, at least
>to the point of a new receiver design which would at least equal the
>performance of current designs. That would be if a filter were
>available which could be tuned and which would provide the desired
>ultimate selectivity across the HF range at the antenna. In other
>words, a 2.7 KHz "ideal" filter which could be tuned from .5 to 30 MHz
>for SSB voice, for example. That would mean that the only signal
>present would be the desired signal. And that would mean that optimum
>receiver architecture would be completely redefined. The common
>problems of today would be in many cases nonexistant. There would no
>longer be a need for superheterodyning, since the initial problem it
>solved was to get the desired signal to a low enough frequency (while
>retaining performance) so that the desired selective filter could be
>made. So the HF problem would start to look a little more like 900 MHz,
>eh? One could then use some simple down-conversion technique and be
>done with it. This filter may come about before the aforesaid A/D
>becomes available.

You seem confused between I/Q synchrodyne receivers and direct
sampling receivers. You can't get I/Q by direct sampling. (Well,
Ok, you can, but that's a bizzare way to do I/Q.) Anyway, an I/Q
receiver does its brickwall filtering at I/Q baseband and then
samples that for DSP processing. It's not *super*hetrodyne
technique, it is *synchro*dyne technique. If you don't think
that can work at HF, tell all the R2 receiver users. Those
little opamps seem to be able to handle the filtering chores
nicely (but not as nicely as we can in DSP).

Here's what I'm doing now. I take the I and Q outputs of the
R2 mixers and feed them into the Analog Devices EZ-Kit DSP
board. The codec there has the necessary brickwall filtering
and samples the signals at 44 kHz. I take the codec outputs,
do a Hilbert transform on one channel while delaying the other
channel an equal number of clock cycles. Then I use identical
FIR filters on I and Q and combine the outputs of the two
filters. That gives me recovered and demodulated SSB. By
switching the Hilbert transform routine to the other channel,
I can get the other sideband. By manipulating the coefficients
of the FIR filters, I can vary the passband response to any
filter shape I want.

I can do other things with I and Q as well, I can
demodulate QPSK for example. That's my main focus.

Of course since the codec on the board is only 16-bits, I don't
get the dynamic range I want, presently only 48 db (though I
have 30 db more in software controllable gain in the codec).
But as noted above, that won't remain a problem much longer.
And just as well that I'll be going to separate converters
because the stereo codec I'm using now only has 80 db of
channel to channel isolation, and that's not going to be
enough when I go to 24 bits.

I will need a DSP with wider registers to handle 24 bits,
and a faster clock wouldn't hurt, I'm running out of
processor cycles. Fortunately that exists, but it is still
a bit expensive.

(Of course if I were a better DSP programmer I probably
could do this much more efficiently. At present I'm just
a cut and paste hacker of a rather crude sort. A real DSP
programmer should be able to make this thing sing.)

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4007. Re: FCC License Processing Time...

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: T E I X E I R A <teixeira@ccnet.com>
Message-ID: <52j8rn$4it@ccnet2.ccnet.com>
Source record: 216004

>A friend of mine recently passed his first Amateur test, and is now
>awaiting FCC processing to get his ticket.
>
>Can anyone tell me approximately what the waiting time is nowdays from
>VE submission to Call issuance to receipt of license in the mail?
>
>Thanks
>
>Steve
>WB7PSD

It varies.......You can get your call on the internet 3 am the morning after the FCC files it,
on the internet. If your VEC inputs the 610 through his computer & modem that can be as little as a few hours. When I upgraded I took the test at 10 AM. By 9 PM that night I had my call. The FCC is downloading later now (3AM East Coast time). You can operate as soon as you know your call.

As far as getting the ticket in the mail I got mine in 4 days in California. I hear it's 4 days
to 2 weeks depending on the Mail.

Don AC6TG

>

4008. Re: the final solution

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-28 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <52kanb$qd9@news.Hawaii.Edu>
Source record: 216005
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>... try this book: _Digital Modulation and Coding_ by Stephen Wilson.
>Dr. Wilson will lead you from the crudest modulation, OOK, on up to
>the more modern modulations...

Oh I don't know, AM is pretty crude, yet it's still used worldwide by
broadcasters and aircraft.

KH2PZ

4009. Re : Icom T22A help needed

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: kenvun@pc.jaring.my
Message-ID: <324de443.16279740@207.126.101.77>
Source record: 215811

need help on expand Tx range for Icom T22A
to 138-174 MHz

4010. RE : Icom T22A Help Needed

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: kenvun@pc.jaring.my
Message-ID: <324de502.16470537@207.126.101.77>
Source record: 215812

need help on expand TX range for Icom T22A

4011. RE: Icom T22A Expanding Tx range

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: kenvun@pc.jaring.my
Message-ID: <324de330.16004654@207.126.101.77>
Source record: 215813

Is there any genius out there which hv the
cue on how to expand the Tx range from
normal 140-150 Mhz to 138-174 Mhz??

4012. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: carl@ais.net
Message-ID: <52khiv$8s6@news.ais.net>
Source record: 215814
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <324B6F98.75BA@ix.netcom.com>, Thomas Foster <tlfoster@ix.netcom.com> writes:
>Carl,
>
>With all due respect, your statement "that CW is backward technology in
>today's world..." forms a tenuous case for eliminating the code testing
>requirement. We all know that CW is old technology. You don't have to
>convince anyone of that.

You, at least, have the honesty to admit that ... unlike many of your brass-pounding associates who still think it's "hot stuff" ...

>We also know about the modern modes which are more efficient.

You just lost about 75% of your brass-pounding associates ... at least 3/4 of them will *insist* that "CW is *the* most efficient mode available, bar none ..."

>The point is that CW is a very *popular* means of communication.

Doesn't matter one damned bit!!! Popularity does NOT make it a legitimate licensing requirement.

>I suspect that it's popular because it's fun to use, and
>it's still an *effective* means of communication.

To *YOU* ... not to me, nor to many others ...

>Thousands of hams throughout the world enjoy conversing in a "language"

It's NOT a F___ing language!!! It's ONLY an old, inefficient means of encoding text into on/off keyed signals. NOTHING MORE ...

>It's a skill obtained through many hours of intense concentration and
>practice.

Many of us have better things to do with our time and energy than to waste it on something that we have NO intention of EVER using, just to please you and your associates that you've successfully forced us to jump through your stupid hoop like some damned dog!

Remember ... just because *you* like it does not a valid licensing requirement make ... not even if the majority of hams like it ... which is highly dubious ... I don't and I know many, many who don't ...

Carl - wa6vse
carl@ais.net

4013. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: flaherty@pago-pago.pa.dec.com
Message-ID: <52kju9$6in@usenet.pa.dec.com>
Source record: 215815
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

carl@ais.net wrote:

> By using CW??? That CW is not the most efficient use of HF spectrum is
> an irrefutable fact. That's why commercial users abandoned CW years
> (decades) ago ...

No, as a matter of fact, it's quite refutable. Carl, what other mode in widespread use in the amateur service packs the most QSOs per kHz? You've had a week to support your supposaid "fact" with some numbers, but have failed to do so.

> Dollars are not the relevant figure of merit ... it's an equation like:

Outside of academia, dollars are *the* figure of merit. Ham Radio purchases are *very* cost sensitive. To claim that you don't care what it costs smacks of elitism.

> (value_of_activity*number_of_users)/(spectral_efficiency)

Buried in this equation is a very dangerous idea: that some QSOs are more valuable than others, an idea wholly repugnant to the First Amendment. After all, who can make such a judgement? A more objective figure of merit would be:

(# of QSOs)**2 / (Hz) * (Total Equipment Cost)

> Besides, the newer techologies are not inherently more expensive than
> the fancy "narrow band FM" radios you mention in the following
> paragraph. Being more digital in nature, they may actually be cheaper
> to produce ... they're just not being cranked out in comparable volumes
> yet ... primarily because users are not being pressured to make
> changes.

Okay, so where are they? There's no "code blockage" on VHF technology, and everyone new is going straight to the wideband technology. Why shouldn't we expect the same to happen with HF?

Incidentally, the efficiencies available to VHF+ Spread Spectrum don't translate to HF. For starters, the available chip rate is much, much lower, given the scarcity of spectrum. For another, it's extremely difficult to get orthogonality in a Rayleigh fading environment. The only practical and longterm use of spread spectrum on HF has been radiolocation, and it works quite well, given the relatively low information rate and lack of reuse.

> I'm saying that the RULES are not in keeping with the times and do not
> promote technical progress in ham radio, but rather they look to the
> past.

So what you're advocating is not only the elimiation of the CW exams, but of HF SSB as well? After all, you've pointed out repeatedly that these kinds of changes have had to be forced onto land mobile.

What you are therefore advocating is a change from a system that works to one whose technology doesn't even exist, will outlaw all existing equipment (thereby making it worthless), and will require more capital outlay from every single user. And for what reason? Why should we all pay more for a system that will, in all likelihood, be about as efficent as the current system?

The technical "facts" you've presented do not support your position, and the empirical facts from 5+ years of the codefree tech disprove it.

--
-=Paul Flaherty, N9FZX | "Just name a hero, and I'll prove he's a bum."
->flaherty@pa.dec.com | -- Col. Gregory "Pappy" Boyington

4014. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: carl@ais.net
Message-ID: <52kh2s$8s6@news.ais.net>
Source record: 215816

In <1996Sep26.213952.25949@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>
>Amateurs can certainly continue to *try* to use their older
>modes of choice, but it will become increasingly difficult to do so.
>Those who *voluntarily* choose to use superior modes will have greater
>success, and eventually those who want to be successful on the bands
>will follow their lead. This was the case when SSB displaced AM. AM
>was not banned, but it became increasingly untenable to use while SSB
>offered those who switched considerable advantage. This is just natural
>selection at work. No one was coerced to switch, it just became obvious
>that it would be stupid not to switch.
>

Gary ... your point is (as usual) valid ... however, the CW folks
continue to refuse to even consider switching ... in light of yout last
sentence above this speaks volumes :-)

>Susan Ness is correct. We can accomodate arbitrarily many
>amateurs on HF if we use techniques better than the ones
>we use now.

I would suspect that the Hon. Ms. Ness only knows that because some
engineer on her staff told her that, but at least SHE has the sense to
believe good engineering advice ... that's a LOT more than can be said
for significant numbers of today's licensed hams ...

Carl - wa6vse
carl@ais.net

4015. Re: FCC priorities? was: re new call info

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <52kqep$kp0@jupiter.planet.net>
Source record: 215817

> fer-tree@pacbell.net writes:
> jbmitch@vt.edu (John Mitchell) wrote:
>
> >In article <52emjt$opo@nadine.teleport.com>, prografx@teleport.com
> >says...
> >>
> >>Also "www.qrz.com" carries the daily FCC report,
>
> >Having checked both sources mentioned in this thread, I must say it
> >doesn't appear that the Vanity Calls are being processed very
> >expeditiously.
> They were certainly expeditious enough in the cashing of the
> checks. Mine cleared my account (in California) on Wednesday. I guess
> even the government knows how their bread is buttered.
>
>
>>>>
you have to remember that your check was sent to a bank, the form
then went to gettysburg. the bank works much faster than
the gettysburg office.

In otherwords, it's the US government, would you expect any less??

Steve KF2TI

No Code No Theory
HF Spectrum for the people

4016. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <52krp3$aff@cc.iu.net>
Source record: 215818

In <1996Sep26.183057.25251@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>In article <51i11h$73@news.Hawaii.Edu> jherman@Hawaii.Edu (Jeffrey Herman) writes:
>>Dana Myers <myers@West.Sun.COM> wrote:
>>>Actually, I think the tests should include complex math, too.
>>That's vague. Some folks think all math is complex. Are you speaking
..
>Like Ohm's Law, hmmm? Oooh that's tough. I remember you demanding
>the tests require applicants to actually demonstrate that they can
>multiply and divide by hand using that heavy duty engineering equation.
>That's *real* tough.

actually, i'm surprised nobody carps about the VEC supplied tests coming with
the common needed equations printed right on the front of the booklet.

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

4017. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <52ks8k$aff@cc.iu.net>
Source record: 215819

In <52i23a$2pni@news-s01.ny.us.ibm.net>, macino@ibm.net@smtp-gw01.ny.us.ibm.net writes:
>Monday the 23rd I called the US Post Office number to check to see
>when it was delivered. "Package delivered Friday". WHAT? How could
>that happen? This is a bad dream. Not bad enough I guess.

the delivery company's job is to get the package there ASAP. probably had
enough special requests for gettysburg, that i can see enough mass in place
to force a special run just to clear the docks.

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

4018. Re: Vanity calls & Something Far More Interesting

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <52ksj4$aq5@cc.iu.net>
Source record: 215820

In <52jach$ms1@news1.sunbelt.net>, flanders@groupz.net (Jerry Flanders) writes:
>
>>What would you have done? Was I being too up tight?
>
>>73 ES GUD DX
>>ARLAN KG8OW

yes, you were. go read the rules on what's required for 5 WPM flexibility
if you worry about waivers...

>Would it have been possible to: Attach a cover letter, clearly
>explaining the situation, giving names and addresses of witnesses to
>the applicants actual physical condition, and stating your suspicions
>clearly and succintly, while recommending that this applicant be
>required to undergo a different physician's examination, somewhat like
>a ham might be re-examined if questions arose about his VE examiner?

probably could..

>Is there any rule preventing such a cover letter? Would there be any
>concern that an applicant might sue a legally unprotected VE over such
>a letter, claiming some sort of slander? Wasn't there a plan to
>legally insulate VEs from such liability? How did that turn out?

don't think it's in place yet...

>Unless the VE has some recourse, we will be flooded by bogus
>applicants.

hasn't happened here...in the few cases we've had come through, we check to
see that the doc is a real doc and if there's a snag we report that, but the
paperwork will go in.

>What does the ARRL VE boss say about this?

you give the writtens, fill out the forms as specs in the VE manual. send
in the completed paperwork.

>Jerry W4UKU South Carolina

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

4019. Re: 4-5 kw Generator Recommendations??

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: w7el@teleport.com
Message-ID: <52l0c1$7eu@nadine.teleport.com>
Source record: 215821

In article <1996Sep27.181857.29190@ke4zv.atl.ga.us>,
gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>. . .

>Our broadcast group operates 92 generator equipped vehicles.

>. . .
>Being in TV news use, these vehicles spend a good amount of time
>in disaster areas, particularly the satellite trucks. They routinely
>chase hurricanes, go to the site of tornado damage, aircraft crashes,
>etc.

>. . .

>Gary
>--
>Gary Coffman KE4ZV | You make it, | Due to provider problems
>Destructive Testing Systems | we break it. | with previous uucp >addresses
>534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
>Lawrenceville, GA 30244 | |

That must really go over great at an aircraft crash site or tornado damage site
-- all the trucks painted with big letters saying "You make it, we break it.
Guaranteed!"

;)

Roy Lewallen, W7EL

4020. Need Testing Dates in Phoenix Metro

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: leader@aztec.asu.edu
Message-ID: <52l60m$4cb@news.asu.edu>
Source record: 215822

I would like to find the testing dates in the Phoenix AZ metro area.

Is there a site which would have these updated as needed?

Also - I called the ARRL 1 800 number for info about HAM radio. They said they would send out some info (not being a ham yet), and it should arrive in 3-4 wks. I called back two months later, asking about the materials, and the person with whom I spoke said if I requested them, then they must have been sent - period. Is this typical of ARRL service/treatment?

I also contacted the ARL (Az something League). They too took my name and address and promised info to be sent out shortly. Nothing yet (before the ARRL incident).

Hopefully I will meet somebody in this hobby who is friendly and helpful. Else I will sell the radio I purchased so enthusiastically.

--
"There's a fine line between eccentrics and geniuses. If you're a little ahead of your time, you're an eccentric, and if your a little to late, you're a failure, but if you hit it right on the head, you're a genius. So I have never worried much about eccentricity." Tom Watson Jr., IBM

4021. Re: Travel with toys (electronics)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: lgus@hub.ofthe.net
Message-ID: <52l9q2$1qj@news0-alterdial.uu.net>
Source record: 215823
Cross-posted to: rec.travel.air,alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc,rec.aviation.piloting

craig@pacific.net.sg (Craig Welch) wrote:

>Which ng? You have posted to:

>I haven't seen any such list,
So I am guessing that you have seen every list ever made. My with all
of your flying and reading every list ever made you must not have much
of a life. Look around before you speak.

>and *every* airline with which I fly my 300,000+ per year *specifically* excludes such
toys.
if you are trying to brag it does not impress me. and again i ask
have you flown every airline in the world. see above.

BTW I said that i saw the list i did not state how old it was. here
it is if you want to look at it if you have questions the source is
listed. Look there. If it is no longer accurate then it is no longer
accurate. I only said that I had seen a list like this.

scan.airline AIRLNE.TXT
/pub/hamradio/docs/misc Hamnet Lib 2
ftp://oak.oakland.edu CompuServe
[mulligan@acm.org] [70035,140]

June 1995

Scanning Aboard Airliners

The question of the use of scanning receivers aboard commercial
airlines arises from time to time. The following is an extract from
the FAA Regulations (FARs) and the stated positions of a number of
major carriers.
It should be noted that in FAR 91.21, the term "operator" refers
to the airline, not the pilot. The captain on your flight may impose
additional restrictions depending on conditions, but he may not waive
limits established by the airline.
The quotations from various airline policies were correct as of
the date noted, but are subject to change. If any question arises, ask
the cabin attendant to check with the flight crew, then obey their
instructions. I may be on the same flight, and I would prefer that
stray R.F. not vector us into the side of a mountain.

Federal Aviation Administration Regulations
14 CFR 91.21 - Portable Electronic Devices

(a) Except as provided in paragraph (b) of this section, no person may operate, nor may any operator or pilot in command of an aircraft allow the operation of, any portable electronic device on any of the following U.S.-registered civil aircraft:
(1) Aircraft operated by a holder of an air carrier operating certificate or an operating certificate; or
(2) Any other aircraft while it is operated under IFR.

(b) Paragraph (a) of this section does not apply to -
(1) Portable voice recorders;
(2) Hearing aids;
(3) Heart pacemakers;
(4) Electric shavers; or
(5) Any other portable electronic device that the operator of the aircraft has determined will not cause interference with the navigation or communication system of the aircraft on which it is to be used.

(c) In the case of an aircraft operated by a holder of an air carrier operating certificate or an operating certificate, the determination required by paragraph (b)(5) of this section shall be made by that operator of the aircraft on which the particular device is to be used. In the case of other aircraft, the determination may be made by the pilot in command or other operator of the aircraft.

Delta Air Lines
from the "On Board" section of SKY magazine, January 1995

PORTABLE ELECTRONIC DEVICES - Current regulations prohibit the use of certain types of portable electronic devices (PEDs) on board commercial aircraft, due to the potential for interference with navigation and communications equipment.
The following devices may not be operated at any time on Delta aircraft: cellular telephones, commercial two-way transmitters (i.e. walkie-talkies); amateur transmitters (i.e. ham radios); citizen band (CB) transmitters; 49 MHz transmitters; devices designed to radiate RF energy on a specific frequency; peripheral devices for computers or games connected by cable (i.e. printers); AM/FM radios and portable TV sets; remote-control toys.
The following may not be operated when the aircraft is at the gate, in the taxi, take-off, initial climb, approach, and landing phases: personal computers (cable-connected peripheral devices such as printers, external disc drives, etc, are not authorized); personal computer games; VHF scanner receivers; compact-disc players; digital/ cassette-tape player-recorders; video recorders/playback systems; calculators.
The following may be operated at all times: hearing aids; heart pacemakers and other implanted medical devices; electronic watches;

electronic nerve stimulators; properly certified operator-installed and -maintained equipment, such as the public passenger-telephone equipment. Personal life-support systems may be operated during all phases of flight, provided that the equipment conforms to the criteria established by the administrator of the Federal Aviation Administration (FAA).

United Airlines
press release

UNITED AIRLINES PROHIBITS USE OF
PORTABLE ELECTRONIC DEVICES DURING TAKEOFFS AND LANDINGS

Chicago, June 22, 1993 -- United Airlines today announced that effective July 1, it will prohibit the use of portable electronic devices, such as laptop computers and compact disc players, onboard its aircraft during takeoffs and landings.
United said its policy was developed to address the possibility of such devices causing electromagnetic interference with cockpit navigation or communications systems when aircraft are on the ground or flying below 10,000 feet -- the most critical phase of aircraft operation.
"We have not experienced any safety problems with these devices, but enough questions have been raised in the industry to prompt us to implement this policy as a precautionary measure until further study determines if any safety hazard exists," said Ed Soliday, United's director-corporate safety and security.
Excluded from the new policy are electronic medical devices -- such as hearing aids and pacemakers -- and electronic watches, which may be used onboard an aircraft at any time.
United said when an aircraft is flying at or above 10,000 feet -- which normally occurs within 10 minutes of takeoff and until 10 minutes before landing -- passengers may use the following devices:
o compact disc players;
o electronic cameras (film or video);
o electric shavers;
o hand-held electronic calculators;
o hand-held electronic games;
o portable audio tape players;
o portable video players (tape playback only);
o portable voice recorders (dictation equipment);
o portable computers with accessory printers and tape or disk drives.

-UA-

American Airlines
from the "Vantage Point" column of American Way magazine, July 1993

[....]

Products known to cause problems include cellular phones, portable radios and televisions, and remote-control toys, which federal regulators have long barred on commercial aircraft. (The Airfones available on most of our airplanes are specially engineered to eliminate interference with aircraft systems, and they have been thoroughly tested to ensure that result.)
The jury is out on whether other devices - small computers, compact-disc players, hand-held video games among them - have similar effects. Although scientific studies have been inconclusive, there is mounting anecdotal evidence of sporatic and poorly understood problems. When safety is at stake, taking avoidable risk is simply unacceptable. That is why some air carriers outlaw the use of electronic devices during all or part of their flights. American Airlines announced recently that it will no longer permit the use of such devices during takeoff and landing, and while flying at altitudes lower than 10,000 feet, the phases of flight during which cockpit instruments are used most intensively.

[....]

Atlantic Southeast Airlines
from the ASA Flight Attendant Manual, pp 3-49&50, November 2, 1993

3.13. Portable electronic devices

A. Regulations

The FAA prohibits use of electronic devices such as AM/FM radios, cellular telephones, etc. during flight. These receivers have circuits which can radiate signals strong enough to interfere with the aircraft's navigational systems. Non-transmitting portable electronic devices shall not be used during takeoff and landing when the seat belt sign is on, or when directed by a crew member, or during operations below 10,000 feet. However, non-transmitting portable electronic devices may be used at other times. If interference from the portable electronic device is suspected, the captain may prohibit operation of the device.

1. Prohibited equipment
The following may not be operated at any time on ASA aircraft:
a. Cellular telephones.
b. Commercial two-way radios (i.e. Walkie Talkie).
c. Personal two-way radios (i.e. Ham operators).
d. Citizen Band (CB) radio.
e. 49 MHz Transmitters.
f. Peripheral devices for computers or computer games
(i.e. printers, external mouse, "joy sticks").
g. AM/FM radios and televisions.
h. Remote controlled toys.
i. Devices designed to radiate radio frequencies (RF) energy on

specific frequencies.
j. Cassette tape players with AM/FM radio capability.
k. Cpmpact Disc players.

2. Acceptable equipment
The following may be operated when there is not a sterile cockpit in effect. The devices must be turned off when the seat belt sign is turned on for approach.
a. Personal computers (see restriction f above).
b. Personal computer games (see restriction f above).
c. VHF scanner receivers.
d. Digital cassette tape player-recorders.
e. Video recorders/internal playback systems.
f. Calculators.

3. The following devices may be operated at all times.
a. Hearing aids.
b. Heart pacemakers or other implanted medical devices.
c. Electronic watches.
d. Electronic nerve stimulators.
e. Electric shavers.
f. ASA installed equipment.
g. Pagers.
h. Acceptable personal life support systems.

Southwest Airlines
(from correspondence dated 12 April 95)

Ground Operations Customer Service Manual -

The FAA allows inflight use of headsets, portable computers, calculators, and electronics games, provided they can be stowed properly in accordance with this rule. Customers should be requested not to use these devices during takeoffs and landings. The FAA does not allow inflight use of walkie-talkies, radio controlled toys, AM/FM radios, portable telephones, or portable television sets, all of which may affect aircraft radio and navigation equipment.

Safety Cards -

Portable Electronic Devices Not Acceptable
Telephones
Radios, AM/FM, VHF, battery or cord operated
TV sets -- battery or cord operated
Electronic games or toys with remote controls
Computer, calculators, or typewriters larger than a briefcase and cannot be stored under the seat
Data entry pad, hand held with umbilical cord attached

4022. Re: Travel with toys (electronics)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: lgus@hub.ofthe.net
Message-ID: <52l8d7$q6k@news0-alterdial.uu.net>
Source record: 215824
Cross-posted to: rec.travel.air,alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc,rec.aviation.piloting

craig@pacific.net.sg (Craig Welch) wrote:

>Which ng? You have posted to:
actually I have possted to a lot more than that but I don't think that
I said that I posted it. If that is what i wrote it is wrong.
someone else posted it. I only read it

>I haven't seen any such list, and *every* airline with which I fly my
>300,000+ per year *specifically* excludes such toys.
have you flown with every airline?

>I can't argue with that. But again, I make the point that if it's
>against the airline's rules, you shouldn't be using them.

can't argue there. I am not saying use them. I simply stated that I
saw a list that showed airline that WOULD let you use them

4023. BETA TESTERS NEEDED FOR PA QSO PARTY LOGGER

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: N3LAI@radix.net
Message-ID: <324e3249.1842514@news1.radix.net>
Source record: 215825

Hi All,

I hope I don't offend any one by posting this off-topic message. If I do, I sincerely apologize.

I'm looking for people to test a logging program I created for the Pennsylvania QSO Party contest. I could not find any good logging programs for the contest that were Windows programs, so I decided to make one. Well, it's done to the point I can't elicit any errors. I need some people to "push some buttons" and see what happens.

The only thing I can offer in return for your help is a copy of the software at no charge. This will include any and all updates to the software any time I make any. I'm planning on making changes at least once each year as the new rules and/or sections come out.

System requirements are a 486 or better processor with 8 MB RAM (that's the only computer I've tested it on) and Windows 3.x, Windows95, or Windows NT. Approximately 5 megabytes of disk space is required for installation, and additional disk space for the log files.

If you're interested, please contact me by e-mail and I can e-mail you a copy (3 disks) or I can post it to the Newsgroup.

Thanks In Advance,

Chuck Spafford - centrex@radix.net

-=> CenTrex Computer Services <=-
http://www.radix.net/~centrex/

* Web Site Design
* Mailing List Management & Cleanup
* Database Management

4024. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: "Armando V. Lopez" <enteval@ix.netcom.com>
Message-ID: <324E460B.5831@ix.netcom.com>
Source record: 215826

macino@ibm.net@smtp-gw01.ny.us.ibm.net wrote:
>
> Have you ever been so absolutely frustrated and aggravated with a
> situation that you can't even talk? I mean so tight-jawed, mad,
> that you just end up shaking your head? I've been waiting as well
> as a lot of folks for the FCC to figure out how they were going
> to do the Vanity Call's. There answer was like a lot of the crap
> that goes on in today's world. Vend it out! That way they can
> get the benefits,(30 bucks a pop) and put the blame somewhere else
> if it turns out bad.
>
> I carefully picked out callsigns that I thought would be neat. Hell
> I even wrote a program two years ago that would parse the QRZ data
> base and provide me with a list of un used 1X2 and 2X1 calls. It
> took a little time and effort, but that was part of the fun.
>
> So I waited for the 610-V to arrive in the SASE, and carefully filled
> it out, paying particular attention to legibility. (An issue according
> to what I had read). I went to the US Post Office and bought a $30
> Postal Money Order. I didn't want any delay caused by waiting for a
> personal check to clear.
>
> On Thursday the 19th of September I went back to the U.S. Post Office
> to deposit my application. "Will it get there by Monday?" I asked
> the local Postal guy. "Well, the only way to make certain is Express
> Mail". I said "O.K., but it can't arrive before Saturday afternoon"
> "No problem, we just check Second Day, and weekend delivery. It'll
> be there on Saturday!" Great, I thought, Eastern Indiana to Western
> Pennsylvania $10.75 what a bargain. At least it would be there on
> time. So I plunked down the money, filled out the form with the
> Postal Clerk and walked away with the receipt to check confirmation.
>
> Monday the 23rd I called the US Post Office number to check to see
> when it was delivered. "Package delivered Friday". WHAT? How could
> that happen? This is a bad dream. Not bad enough I guess.
>
> Today, Friday I called the FCC to see if there would be a problem
> with this. Yep, there was a problem. You see, they don't make
> deliveries so they weren't at fault there. They did a Pontius
> Pilate on the special delivery mail room that THEIR VENDOR had
> control over. They even could justify that they had deposited my
> $30. I would just have to request a refund after they played with
> my application for a few more days. You see THEIR VENDOR in their
> zeal, started entering apps on Monday morning before the OFFICIAL

> opening of the gate was blessed. So if you were one of the many
> folks that tried very hard to play by their rules, you may have
> got the short end of the stick. I was informed that not only had
> the US Postal Service made this mistake (SNAFU isn't that what
> the politicians call it now? Some of us know what that acronym
> means!) but that Federal Express had errantly delivered too early.
> If your name is on the WIP (Work in Progress) list, your hosed.
> By the way, the notification procedure on this is when you get
> your app back in 2 or 3 weeks, you may request a refund.
>
> Jim

While eves-dropping I came across your post. I have been a ham for quite awhile but usually monitor a couple of frequencies in my area. Though licensed for a few years 9Tech plus) a have not been awere of the Vanity Call sign progrom. Would you guide me in obtaining info on this. Not that I don't like my call sign, KB6DYT, I might enjoy a change. I am also licensed for GMARS (what a lot of static in Los Angeles, most people don't bother to pay the fee).
I would appreciate any info.
Thanks from and old timer that wants to jump in again.
-Armando KB6DYT

4025. Req Mods/info FT-50r

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: Victor Krenz <gdt778@freenet.mb.ca>
Message-ID: <Pine.SOL.3.91.960929033236.28479A-100000@winnie.freenet.mb.ca>
Source record: 215827

If anyone has any mods, information about expanded TX, and cellular
for the Yeasu FT-50r duel band handheld please send them to me.

thanks,
Serge
VE4EO
gdt778@freenet.mb.ca

4026. VK2KFU's List of Notable Amateurs

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: dave@eram.esi.com.au
Message-ID: <52lmva$dk0@eram.esi.com.au>
Source record: 215828
Cross-posted to: rec.radio.info,aus.radio.amateur.misc,rec.radio.amateur.misc

VK2KFU's List of Notable Amateurs

Have you worked any of these?

Now on the Web! See my list's Web page (courtesy WIA NSW) under:
"http://sydney.dialix.oz.au/~wiansw/lona.html". Because it's now in
HTML, the format may have changed; expect a number of spurious "diffs".

This is a list of the "notable" Amateur callsigns that I have been
gathering since 1992. I would appreciate any updates; send them to
dave@fgh.oz.au. Of course, "notable" is purely in the eye of the beholder;
I consider it as someone in the (non-Amateur) public eye. As an aside,
I suppose I should mention that I hate the word "ham"; I prefer "Amateur"
instead.

Another way of putting it is: "Did you know that XXX is/was an Amateur?"
when explaining to someone what Amateur radio is all about. Thus, people
like Monk Apollo would be regarded as notable (who would think that a
monk would be an Amateur, although few people outside of the Amateur
community would have heard of him); or somebody in the public eye not
suspected of being an Amateur. Note that I have deliberately left out
the current crop of Astronauts, as an Amateur ticket doesn't seem to be
a novelty any more (now it seems to be a requirement); instead, I will
mention the first from each country in space.

These calls have been gleaned from various places: amateur magazines,
USENET postings, and straight-out rumour... It is probably out of date,
and most likely contains errors; however, over time it should develop
into an accurate list, suitable for PR purposes.

Please note that I have no way of authenticating most of these entries;
many seem to have been obtained by trawling the callbook server for
likely names (and subseqently excised). If you do this, then please
double-check the entry; for example, I don't know the actor Andy Griffith
from a bar of soap, but I'm told he's in his 60s (unless he's pushing
up daisies) so he can't be the one in the callbook.

Following some criticism from someone who shall, for the moment, remain
nameless, I'd like to say that this list is as accurate as the submissions
I receive; if someone sends me a "duff" entry, I will accept it in good
faith, so don't send me entries unless you know they are OK, OK?

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Feel free to link to <A HREF="http://sydney.dialix.oz.au/~wiansw/lona.html">
VK2KFU's List of Notable Amateurs</A> but please let me know if you did.

Thanks to all who contributed - I tried to acknowledge each one. Special thanks to "The Canadian Amateur" and Jim W6CF for many contributions.

Also thanks to Jan-Martin Hertzsch for the info on RAEM, and Piotr Ochwal SP9TNM, for the info on the martyr SP3RN.

7L2NJY Dr Mamoru Mohri, Japanese astronaut
7Z500 (?) Prince Khaled Bin Sultan Bin Adulaziz Al Saud
9K2CS Prince Yousuf Al-Sabah
9M2TR Tunk Abdul Rahman, first Premier of Malaysia
9N1MM Father Marshall Moran, missionary (SK)
A41AA Qaboos Bin Said Al-Said, Sultan of Oman
AC3PT King Palden Thondup Namgyal, former king of Sikkim (SK)
CN8MH Moulay Hassan, former King of Morocco
CP1CL Dr. Hugo Banzer, past President of Bolivia
DP3MIR Dr Ulf Merbold, astronaut
EA0JC Juan Carlos, King of Spain
EP1MP HIH Prince Mohmud Pahlavi, former Prince of Iran
FO5GJ Marlon Brando aka Martin Brandeaux, actor
G0MSL James ?, town crier
G2DQU Lord Rix (formerly Sir Brian), former actor and charity head
G3EUJ Gillie Potter, comedian (The Squire of Frogmorton) (SK)
G3RJV Reverend George Dobbs, Vicar of ??? (and G-QRP club exec)
G3TZH Tony Dolby, brother of "the" Dolby
G3YLA Jim Bacon OBE, weatherman
G4CEZ Bill Kitchen, 1956 world champion speedway rider (SK)
GB1MIR Helen Sharman, astronaut
HK6LT Luz Marina Zuluaga, Miss Universe 1959
HS1A Bhumiphol Adulayadej, King of Thailand
HS1LY Prince Titiphan of Thailand
HZ1SH Prince Faisal Bin Mishaal As Saud
HZ1TA Prince Talal bin Abdulaziz of Saudi Arabia
I0FCG Francesco Cossiga, former President of Italy
JA1MP Sako Hasegawa, founder of Yaesu (SK)
JY1 King Hussein of Jordan
JY2 Queen of above
JY2RZ HRH Prince Raad Ibn Zeid
K0DWC Lt. Gen. Francis "Butch" Griswold, colleague of Curtis LeMay
K0HWY Tex Beneke, band leader
K1JT Dr. Joseph Taylor Jr, 1993 Nobel Prize winner in Physics
K1OKI Mickey Schulhof, head of Sony US
K2HEP John Sculley, former CEO of Apple and Pepsi (lapsed)
K2ORS/4 Jean Shepherd, author
K2SSQ Henry Feinberg, designed and built E.T.'s communicator
K4LIB Arthur Godfrey, TV performer (SK)
K4TPJ David Funderburk, member USA House of Reps
K4ZVZ Paul Tibbets, pilot of "Enola Gay"
K6DUE Roy Neal, television reporter
K6IR Ken Miller, QCWA distinguished service, company executive
K6RFU Albert Glasser, scores feature films (eh?)
K7TA Clifford Stoll, author ("Cuckoo's Egg") & astronomer
K7UGA Senator (US) Barry Goldwater (ret)

K8LAP Bandel Linn, talk radio host
KA6HVA Burl Ives, singer (SK)
KA6UXR Dr. Alex Comfort, author of "The Joy of Sex"
KA7EVD Donnie Osmond, entertainer (lapsed; no, he's not in the book)
KB2GSD Walter Cronkite, former news anchor
KB6LQR Jeana Yeager, Voyager '86 pilot
KB6LQS Dick Rutan, Voyager '86 pilot
KB6OLJ Paul J Cohen, mathematician
KB6ZV Judge Rodney Stafford, temporary ARRL President
KB7LPW Len Winkler, radio talk show host
KD4WUJ Patty Loveless (Patricia Ramey), country singer, XYL of W4WRO
KE6MCM Hugh Downs, TV compere ("Concentration") (form. KD6WUS)
KG7JF Jeff Duntemann, author and publisher of Coriolis Group
KH6IJ Katashi Nose, radio columnist and former physics professor (SK)
KI6M Stu Gilliam, comedian
KN4UB Larry Junstrom, rock musician (bass player in .38 Special)
KX2Z Tony Bongiovi, cousin of Jon Bon Jovi
LU1SM Carlos Saul Menem, President of Argentina
N4KET David French, CNN newsman
N4RH Ralph Haller, FCC PRB chief
N5YYV Kathy Sullivan, Chief Scientist NOAA (former astronaut)
N6CKF Lloyd Bochner, actor ("Colby")
N6FFT Leland Briem, talk radio host
N6FUP Stu Cook, bass player for CCR
N6GGM Laura, XYL of N6FUP
N6KGB Stewart Granger (born James Stewart), actor (SK)
N6NHG Kevin Mitnick, cracker
N9LC George Sweigert, inventor of cordless phone (was W8ZIS)
NK7U Joe Rudi, baseball player (ret)
NZ6N Randy Powell, actor (was WA0QZW)
OA4FB Fernando Belaunde Terry, past President of Peru
OE5AH Anton Hapsburg, former Archduke of Austria (SK)
ON1AFD Count Dirk Frimouth, Belgian astronaut
RAEM (yes!) Ernst Krenkel, radio operator on ship "Chelyuskin" (SK)
SP3RN Saint Maximillian Maria Kolbe, died in Auschwitz (SK)
SV2ASP/A Monk Apollo
TI2DR David Ruben MD, author of "Everything you wanted to know..."
U2MIR/UV3AM Musa Manarov, cosmonaut
UA1LO Yuri Gagarin, cosmonaut (yes, I saw this in print) (SK)
VE3RX Arthur Meen, former Ontario Cabinet minister
VE3VGW Gilles Morin, Ontario MPP and Deputy Speaker
VK2AHU Dick Huey, professor-emeritus (was VK2HU)
VK2AHZ Tex Morton (Robert Morton), singer (SK)
VK2AI Reg Brook, inventor of photo-finish camera (SK)
VK2AXN Keith Alder, former chief of AAEC
VK2BL Graham Conolly, radio announcer and former voice on VNG
VK2CAX Dr. Ken McCracken, founding Chief of CSIRO Mineral Physics etc
VK2DIK Dick Smith, entrepreneur & millionaire
VK2EF Sir Ernest Fisk, MD of AWA, radio pioneer (SK)
VK2GA/VK2FV Florence MacKenzie OBE, 1st YL amateur & electrician, founded WRANS (SK)

VK2KB Sir Allan Fairhall, politician
VK2YOW Bob Hughes, radio announcer
VK3AHR Alan Reid, entrepreneur (SK)
VK3JU Ross Hull, Australian radio pioneer (SK)
VK4CM Thomas Elliott, first TV broadcasts in Australia (1935) (SK)
VK4HA Harry Angel, centenarian
VK4HH Norman Hurll (was VK2BC), inventor
VK5AX Alf Traeger, inventor of the pedal wireless (SK)
VK5NIV Ivan Venning, Australian MP
VK6TP/G3KDH Tommy Price, speedway rider of Wembley fame
VR6TC Tom Christian, great*3-grandson of Fletcher Christian
VU2RG Rajiv Gandhi, former Prime Minister of India (SK)
VU2SON Sonia Gandhi, XYL of VU2RG
W0CXX Arthur Collins, founder of Collins Radio (SK)
W0EHR Marguerite Beneke, wife of Tex Beneke K0HWY
W0ORE Tony England, astronaut
W2SKE Bill Leonard, former President of CBS News (SK)
W2TDY Julius Baker, first flautist NY Philharmonic Orchestra
W2TQ Joel Miller, IEEE lawyer
W2ZGU John Campbell, editor of "Analog" (SK)
W3ACE Armin Meyer, former US Ambassador to Japan
W3GYH John F. Clark, former director Goddard Space Flight Center
W3NOD Jacob Beser, electronics specialist on "Enola Gay"
W4WRO Emory Gordy Jr, record producer and OM of Patty Loveless KD4WUJ
W4ZG Worth Gruelle, started "Raggedy Ann and Andy"
W5LFL Owen Garriot, astronaut
W6AQ Dave Bell, film producer and Academy Award winner
W6EZV General Curtis "Iron-Ass" LeMay, introduced SSB to USAF SAC (SK)
W6JKV James Treybig, CEO of Tandem and 6m pioneer
W6NRM Robert Weitbrietch(?), physicist, developer of TTY for deaf (SK)
W6OBB Art Bell, talk radio host
W6QHS David Leeson, Chairman and Pres. of California Microware (ret)
W6QYI Roger Cardinal Mahony, Los Angeles ("Trinity" on autopatch)
W6UK Alvino Rey, musician/bandleader
W6ZH Herbert "Pete" Hoover III, grandson of US Pres (call re-issued)
W8JK John Kraus, radio astronomer
WA2MKI Larry Ferrari, organ player
WA4CZD Chet Atkins, guitar player
WA4SIR Ron Parise, astronaut
WA6MOS Joseph Pevney, former Star Trek director, actor, singer
WA6TJM ?, President of ISD Inc (makes voice recorder chips)
WB4KCG Ronnie Milsap, singer
WB6ACU Joe Walsh, rock musician (James Gang and The Eagles)
WB6RER Andy Devine, cowboy actor (SK)
WV6VLY/WA6BND Steve Wozniak, co-founder of Apple (lapsed)
YN1AS General Anastasio Somoza, former President of Nicaragua (SK)
ZK1AN Sir Thomas Davis, former Premier of Cook Islands
ZL4HL Prof. Sir Horace Smirk, Founding Prof. of Wellcome Institute

Suspected or callsign unknown:

Freeman Gosden, actor (SK)
"Some royalty of the Netherlands"
James Hardie (Aussie entrepreneur)
Stan Gadsen (ditto)
John Button, Australian senator
Merville Shavelson (W6?), Hollywood director
Roc Kirby VK3???, chairman Village Roadshow Corp
Dale Buggins, motorcycle stunt rider (SK)
Fred Gwynn ("Herman Munster") (SK)
Violinist of LA Philharmonic (or is this W2TDY?)
Dr. Russell Hulse, co-shared Nobel Prize with K1JT (lapsed)
Elke Sommer's husband (she was allegedly seen on SSTV)
Edwin Armstrong, inventor of FM, superhet etc (SK)
Very Rev Dr John Flynn OBE, founder of Flying Doctor (SK)
James Clark, founder and chairman of Silicon Graphics
Clive Robertson, Australian radio host
Dr Amar Bose (Bose Audio)
Cliff Arquette aka Charlie Weaver, appeared on Jack Parr TV
Shaquille "Shack" O'Neal, NBA star (uses "Bill" when on air)
I. I. Rabi, Nobel Prize Winner
Founder of Hallicrafters Radio (SK)
Crown Prince Albert of Monaco
Someone on the Kon-Tiki expedition?

Disputed (some say yes, some say no):

Neil Armstrong, astronaut (but see Edwin)
Richard Feynman, scientist (SK)
Samuel F.B. Morse III, W6FZZ, grandson? (SK)
K2ZCZ, George Patacki, Governor of New York
KC4OCA, Gordon Barnes, weatherman
N6YOS, Priscilla Presley (Lou Lou Beaulieu), actress, Elvis' widow
W2JOF, Cliff Richard (Harry Webb), singer

Never licensed (but rumours circulate):

Bernard Goetz (of subway fame)
Jon Bon Jovi (but see KX2Z)
Jose Feliciano
Andy Griffith (he and Jose are in the callbook; it's not them)
Jimmy Stewart, actor and USAF flag reserve officer
HRH Prince Phillip the Duke of Edinburgh, patron of RSGB
Gary Shandling, comedian (callbook is incorrect for KD6OY)
David Letterman (he's not in the book, but is an SWL)
Tony Hancock, "The Radio Ham" (decd.)

--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2KFU.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | D8 15 71 F9 26 C8 63 40 5E 63 5C 65 FC A0 22 99

4027. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <52los6$qm2@lehi.kuentos.guam.net>
Source record: 215829
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Cecil Moore <w6rca@worldnet.att.net> wrote:

>Hi Lindsay, most of the people I work with already know ten times
>the amount of theory they need to pass the written tests. It ain't
>exactly rocket science. The only thing standing in the way of a
>massive smartening up of ham radio ranks is that darn CW test. Please
>don't tell me there's always the tech license. Dr Williamson doesn't
>like being a low-class ham and neither do hundreds of other competent
>engineers who have already paid their dues in electronics.

>73, Cecil, W6RCA

Cecil, I fixed big, ugly, broken computers for 22 years. Should I have gotten a free Extra Class ticket, or is a college degree required to bypass the code test ? Carl is driving people nuts. Should he still have to take a test for a drivers license or should the the DMV grandfather him in ? I have a friend who has spent half his life in the hospital, he's had every kind of surgery you can imagine. Maybe the AMA should make him a doctor of medicine, huh ?
Is your log periodic working yet ? I'm ready to work some stateside DEEE-X.

73, Jim KH2D

4028. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <52lq47$qsi@lehi.kuentos.guam.net>
Source record: 215830
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

carl@ais.net wrote:

>>The point is that CW is a very *popular* means of communication.

>Doesn't matter one damned bit!!! Popularity does NOT make it a
>legitimate licensing requirement.

That is correct. The FCC made it a licensing requirement, not popularity.

>>I suspect that it's popular because it's fun to use, and
>>it's still an *effective* means of communication.

>To *YOU* ... not to me, nor to many others ...

Oh well. Some people like sky diving and some people don't.

>>Thousands of hams throughout the world enjoy conversing in a "language"

>It's NOT a F___ing language!!! It's ONLY an old, inefficient means of
>encoding text into on/off keyed signals. NOTHING MORE ...

Sure it is a F____ing language. But only to those of us who *understand*
it..... Chinese is a language to people in China, but not to me. To me, it's
just noise. Sounds like geese F___ing. But to them, it's a language.
But we can't make all the Chinese people in the world speak English just
because I don't understand Chinese, can we Carl ? And we can't make
all the hams in the world stop taking CW tests and using CW just because you
don't understand dits and dahs......

>>It's a skill obtained through many hours of intense concentration and
>>practice.

>Many of us have better things to do with our time and energy than to
>waste it on something that we have NO intention of EVER using, just to
>please you and your associates that you've successfully forced us to
>jump through your stupid hoop like some damned dog!

Well, then go do them. You are not being forced to jump thru any hoops.
We are perfectly content for you to stay on 2 meters. We have plenty of
other people to talk to on HF. Hoop jumping is not mandatory. It's optional.

>Remember ... just because *you* like it does not a valid licensing
>requirement make ... not even if the majority of hams like it ... which
>is highly dubious ... I don't and I know many, many who don't ...

And I know many who do. But they are just as irrelevant to the testing
requirements as those you know who don't. Doesn't matter who likes
it or doesn't like it, as long as the FCC thinks we need to take CW tests,

those of us who want to get on HF will continue to take them.

That's just the way it is. It's da rules.

73, Jim KH2D

4029. Re: Vanity calls & Something Far More Interesting

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: Arlan Levitan <arlan@worldnet.att.net>
Message-ID: <01bbadf4$64c86220$b2c445c7@Worldnet.worldnet.att.net>
Source record: 215831

Bill Newkirk <wnewkirk@iu.net > wrote in article <52ksj4$aq5@cc.iu.net>...
> In <52jach$ms1@news1.sunbelt.net>, flanders@groupz.net (Jerry Flanders)
writes:
> >
> >>What would you have done? Was I being too up tight?
> >
> >>73 ES GUD DX
> >>ARLAN KG8OW
>
> yes, you were. go read the rules on what's required for 5 WPM flexibility

> if you worry about waivers...
>
Hi Bill,

Thanks for the reply. I understand the flexibility requirements for administering the 5 wpm test to handicapped persons. This fellow had passed the 5 wpm test years ago, with no accomodation requested or needed, and had made no attempts for 13 or 20 thereafter.

Also heard a Tech Plus on a local repeater yesterday bragging (that was clearly his tone) that he was going to "get around" the code requirement forg General and Extra by getting his doctor to fill out the waiver based on him having Attention Deficit Disorder.

73
Arlan

4030. Amateur Radio Newsline #998 29 Sep 1996

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: bigsteve@dorsai.org
Message-ID: <0hnTyQQI8htK092yn@dorsai.org>
Source record: 215832
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB NEWSLIN @ ALLBBS $NLIN.998
Amateur Radio Newsline #998 27 Sep 1996

The Newsline Information and Copyright Notice is now published seperately every month. Please read this notice before using any part of Newsline in any manner. For a copy of the notice e-mail bigsteve@dorsai.org or netmail Steve Coletti @ 1:278/230 on Fidonet.

NEWSLINE RADIO - CBBS EDITION #998 - 09/27/96

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The following is late news about Amateur Radio for Radio Amateurs as prepared from NEWSLINE RADIO scripts by the staff of the AMATEUR RADIO NEWSLINE, INC., formerly the WESTLINK RADIO NETWORK. Amateur Radio Newsline is a audio news service distributed via telephone.
This hardcopy version is produced by Dale Cary - WD0AKO from scripts provided to him weekly by Newsline. It is then distributed to on-line services, bbs networks and internet user jointly by Dale Cary and Steve Coletti.
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(Fax senders wait for voice prompt.)

Hardcopy comments or complements can be directed to:

Dale Cary, WD0AKO
Hardcopy Distribution for Newsline

Internet E-mail: wd0ako@rrnet.com
Phone: (218) 236-6324

For further information about the AMATEUR RADIO NEWSLINE, please write
to us with an S.A.S.E. at:

NEWSLINE
c/o Andy Jarema-N6TCQ
P.O.Box 660937
Arcadia, CA
91066

Thank You,
NEWSLINE

(**********
Some of the hams of AMATEUR RADIO NEWSLINE: WA6ITF WB6MQV WB6FDF K6DUE
W6RCL N6AHU N6AWE N6TCQ K6PGX N6PNY KU8R N8DTN W9JUV KC9RP K9XI KB4KCH
KC5UD KC0HF G8AUU WD0AKO DJ0QN and many others in the United States and
around the globe!!!
(**********
[998]

C L O S E D C I R C U I T A D V I S O R Y

EMERGENCY FUNDING

The following is an important closed circuit advisory. Attention all
bulletin stations. Newsline is once again on the verge of bankruptcy and
existing hand to mouth. We urgently need your support to survive.
As we have said many times, the decision whether Newsline stays or goes
is yours. If you want this service to continue, we will need your ongoing
financial support, and it is needed right now.
The address for the Newsline Support Fund is:

NEWSLINE
P.O.Box 660937
Arcadia, California
91066

This ends the closed circuit with Newsline report number 998 for release
on Friday, September 27th, 1996 to follow.

(*****
The following is a QST

FCC recognition of repeater coordination comes one small step closer to
reality. The details on Newsline report number 998 coming your way right
now!

(*****
NATIONAL COORDINATION

Uniform frequency coordination of repeaters and recognition of
coordination by the Federal Communications Commission may yet be a reality.
A tentative agreement on the formation of a national frequency coordination
office has been worked out between the nations repeater coordinators and
the FCC.

Unified standards and guidelines for coordinating amateur radio repeaters in the United States, its territories and possessions could be a major step closer to reality because of a tentative agreement reached September 13th.

The American Radio Relay League and the National Frequency Coordinators Council have agreed on the wording for a Memorandum of Understanding between both groups.

The agreement stems from a meeting between the Council's Board of Directors and the League's Ad-Hoc Repeater Committee. The meeting took place at the ARRL's National Convention in Peoria, Illinois. Under the agreement, a new National Frequency Coordinator's Office will be established. The office will maintain a national database for all matters affecting repeater coordination.

The new office take a heavy role in coordination matters. It will serve as a communications liaison, or single point of contact between the Council and the FCC. It will act as a repository for information about standards and procedures for frequency coordinators throughout the U.S. and will contain procedures for resolving coordination and interference disputes involving amateur repeaters. The Office will also oversee identification, certification and de-certification of frequency coordinators, this, based on standards to be developed by the Council.

The Council is already made up of the nation's currently recognized repeater coordinators. It will develop and recommend for adoption what the Council calls fair and equitable procedures for frequency coordination.

The Council will also gather and supply data to the League about band occupancy and usage, this, reportedly as part of an effort to make sure that listed radio systems really exist and are not simply paper repeaters.

The agreement calls for the ARRL to recognize the Council's independence and to provide what's called suitable resources and support to the Council.

The League would also provide radio amateurs with information on how to contact frequency coordinators certified by the Council.

The Agreement calls on both groups to use their resources to achieve common goals, especially on issues involving amateur regulatory, technical or operating policies.

But there are unaddressed issues, too. For hams who operate or put up repeaters, the Agreement seems to mean little. The Memorandum of Understanding makes no mention of repeater users or other non-relay spectrum users. Do these hams or others have any rights about decisions on who can put a repeater on the air and who will not? The Memorandum doesn't say. Nor is there mention of protecting existing repeater operating policies or assurances for new repeaters trying to get on the air.

The Frequency Coordinator's Office can't be created until the League's Board of Directors approves the Memorandum of Understanding. Whether that will happen is not guaranteed.

The League's Board meets in mid-October. Until then, as an amateur, about the only you can have a say in adoption of this sweeping new set of rules about repeater coordination is by contacting your Division Director.

Almost a year has passed since a League sponsored frequency coordinators meeting in Missouri. What would happen in the wake of that meeting was pure speculation. What will happen next now that the League and the

Frequency Coordinators Council have reached tentative agreement is equally uncertain.
The next step is up to the ARRL Board of Directors. They will meet and discuss the tentative agreement in a few weeks.

(*****
HAM MAG STOPS ANTI HAM LAW IN WASHINGTON STATE

A proposed law governing the operation of mobile radio equipment in Washington State will not impact on ham radio. This, thanks to some quick action on the part of a ham radio publisher who listened to his readers. Ham Radio Online is an internet based ham radio magazine. Earlier this month its publisher Ed Mitchell, KF7VY learned that the Washington State Patrol was considering a new law governing the installation of all wireless devices in automobiles registered or operated in that state.
If passed as written, the new law would have limited all mobile wireless systems to hands free operation only. In other words, no hand mics of the type that most hams use. Even more ominous, all communication systems put into any vehicle would have to be approved by the Washington State Patrol equipment review unit.

"Some of the things that we saw was that the wording was very broad and very vague and would potentially impact far more people than we suspected that was their goal." KF7VY

The restrictive measure was to be considered at an October 9th public hearing in Olympia. On learning of the tentative new regulations Mitchell contacted both the State Patrol and Washington State Representative Brian Thomas.

"What we pointed out to them was that, as written, it was going to cover even such things as carrying a pager in your automobile. And we really didn't see how the state patrol had the expertise to certify all forms of mobile radio installations. It really seemed like an un-necessary burden." KF7VY

On September 17th, Thomas responded. He told Mitchell that he had spoken with Washington State Patrol Captain Tim Ericson. That they had concluded the proposed law was poorly worded. Mitchell also learned that the October 9th hearing was canceled and the State Patrol would start over on a new proposal.
On Friday, September 20th, Captain Ericson informed Mitchell that the purpose of the proposed law was only to restrict earpieces to covering one ear only, with a particular emphasis on cellular radiophone systems. In other words, to prohibit the use of dual earphones while driving.
Mitchell tells Newsline that as the result of the inquiry by Ham Radio Online, the State Patrol has proposed new wording for the rule. Wording that covers only these earphones and cellular telephones.
KF7VY says that no new hearing date has been set but he believes the revised wording is appropriate. As such, it is no longer a source of concern to the Amateur Radio community of Washington State.
Mitchell also thanks the hams who brought the matter to his attention,

and who worked toward affecting the wording change.

(*****
ARRL REQUESTS RF EXPOSURE RECONSIDERATION

The American Radio Relay League is saying no to new and more stringent
RF exposure rules as they affect hams. The ARRL has asked the FCC to
reconsider and reverse certain portions of the Report and Order on FCC
Docket 96-326. The August 1st Report and Order amended various Commission
rules to adopt new guidelines and methods for evaluating the environmental
effects of radio frequency radiation from FCC regulated transmitters.
But in its reconsideration request, the League asserts that the rules
enacted in the Report and Order were adopted through flawed procedures.
That in certain respects they are arbitrary and capricious.
Further, the League says that the Commission unreasonably and
arbitrarily refused to preempt certain state and local RF exposure
regulation of amateur stations. In other words, the Commission did not
adequately address the propriety of preemption of State and local RF
exposure regulations or land use decisions based on RF exposure concerns.
Local regulations that the ARRL says might arbitrarily restrict the ability
of Commission licensed communications facilities to provide service.
The ARRL also contends that the FCC failed to consider the impact of its
new rules on certain small business entities, including the League.

(*****
ON-LINE VANITY CALL SIGN FORM AVAILABLE

Gate 2 of the Vanity Call Sign program opened on Monday September 23rd
and an electronic version of the Amateur Station Vanity Call Sign Request
Form 610V became available from the FCC via the internet on that date.
Those wanting a copy can access the form on the Internet at the Federal
Communications Commission Wireless Telecommunications Bureau home page at:

www.fcc.gov/wtb

Then look under Amateur Radio-Interactive Vanity Call Sign. Detailed
filing instructions are available by clicking on the item number on the
Internet form.
There is however one caveat. That is electronic payment of the vanity
filing fee is not yet available. The FCC says that applicants must print
out and mail a completed FCC Form 159 with payment to:

Federal Communications Commission
Box 358994
Pittsburgh, PA 15259-5994

Please note that this is a different Post Office box and ZIP code than
for vanity requests and payments using FCC printed from 610 V.
Meantime all inquiries concerning Amateur Vanity call sign requests and
the filing procedures should be directed to the Wireless Telecommunications
Bureau's Consumer Assistance Branch in Gettysburg, Pennsylvania. Its'
toll-free telephone number is

(800) 322-1117

(*****
HARRIS TO HEAD ADVISORY COMMITTEE

Former FCC International Affairs Bureau Chief Scott Blake Harris has
been tagged to head up the Commission's advisory committee in preparation
for the 1997 World Radiocommunications Conference slated for Geneva
Switzerland. Harris is currently a partner in the communications law firm
of Gibson, Dunn and Crutcher in Washington, D.C.

(*****
LUCID COMES HOME

Astronaut Shannon Lucid has come home after setting a new American
record for time spent in orbit that included ham radio.

After six months in space, Shannon Lucid is back on earth. But it may
be weeks before she is back to normal. She will have to learn how to walk
all over again, getting used to the effects of gravity.
During re-entry, she rode in a special seat, the "recumbent seat" they
call it. Its on the mid deck so that she could remain supine, flat on her
back after landing so that scientists could examine her before she started
working against gravity.
Shannon used ham radio to stay in touch with the folks back home during
all those months aboard the MIR space station. She had been to busy to get
an Amateur license before she took off, so the Russians made special
arrangement that allowed her to operate as R0MIR under the supervision of
her ham radio Cosmonaut companions.
Her unorthodox technique on the air elicited plenty of comment among the
Amateur fraternity, but she did operate, and managed a few general QSO's in
the process. These are valid for QSL cards if you were lucky enough to
work her.
Now, John Blaha, KC5TZQ, has taken Shannons place aboard the MIR and
John is an avid ham. Indeed, he even used the space shuttle radio to make a
few contacts on the way up to orbit! He has been exercising the MIR ham
radio station ever since the MIR and the space shuttle separated. You can
look for him on 145.55 MHZ simplex when MIR is in range. Check the AMSAT
BBS for the best times. John will be on MIR for the next four months.
Incidentally, to accommodate both spacecraft, a special frequency of
145.84 MHZ was set up for the shuttle downlink while MIR operated the usual
manned space flight channel of 145,55 MHZ. While the two spacecraft were
docked, Jay Apt, N5QWL, checked out the MIR radio station and made a few
contacts. Jay and team mate Carl Walz, KC5TIE, also used the shuttles'
SAREX equipment and were very active throughout the mission.
Some excellent pictures of all of these hams working their stations have
been released by NASA. They were shot using an electronic still store
camera and can be found in the "NASA Images" files on the internet.
SAREX, of course, arranges for shuttle astronauts to talk to students
and some successful contacts were reported with the Andover Middle School
in Kansas, the Immaculate Conception Elementary School in Celena, Ohio and
the Royal School for Girls at Haslemere, Surrey, England.
It's another success story all the way for Amateur Radio in space.

Shannon Lucid's ham radio operation from Mir has gotten the hobby far more positive public exposure than that of any other astronaut since Owen Garriott made the first ham radio in space flight on STS-9. There have been radio, television and magazine profiles of her. Most have included coverage of her amateur radio contacts from Mir. It's ironic that this great publicity has been generated by a non-ham operating from a foreign spacecraft on operating and special waiver of the Russian Amateur Radio rules.

(*****
AO-13 RE-ENTRY

Amsat Oscar 13 will probably self destruct the end of November. This, according to PY5BYE who says AO-13 will re-enter the earths atmosphere and burn up at about 11:42 UTC on November the 30th. PY5BYE says that he bases the projected demise of AO-13 on scientific data that includes combined effects of Earth's oblateness, atmosphere flattening and rotation and random variation in atmospheric density. At this moment Atmospheric drag is the principal orbital perturbation for the dying satellite.

(*****
HAMDI-HAM NELP WANTED

The Handi-Ham System needs some volunteers to assist with two camping events in 1997.

Handi-Hams is looking for you. Amateur participants and instructors are needed for upcoming Handi-Ham camps.
Two amateur training camps are held each year. The summer camp is held in Golden Valley, Minnesota, while the winter camp is held in Malibu, California.
If you are interested, in working toward your amateur license or wish to volunteer as an instructor contact:

Handi-Hams
3915 Golden Valley Road
Golden Valley, Minnesota
55422

(*****
EMERGENCY SERVICES CONFERENCE

The Douglas County Kansas Radio Amateur Civil Emergency Service will host a two day Auxiliary Communications Workshop in early October. The featured speaker will be Stan Harter, KH6GBX who is Assistant Chief of the Telecommunications Division of California's State Office of Emergency Services.
The session is titled "Communications Volunteers in Government Service. It takes place October 4th and 5th at the Lawrence Memorial Hospital in Lawrence, Kansas, about forty miles west of Kansas City International Airport.
The workshop is free but all participants are required to pre-register. To do so contact either N0AP or N6YR at their callbook address if you plan to attend.

(*****
VERN RIPORTELLA, WA2LQQ, SK

It is with deep personal sorrow that we report the passing of one of the nations and the worlds best known radio amateurs. Former AMSAT North America president Vernard "Rip" Riportella, WA2LQQ, of Warwick, New York, died suddenly on September 13th of an apparent heart attack.
Rip was a former U.S. Air Force officer before becoming the third president of the North American AMSAT group. He served in that position from 1984 until 1987, and is generally credited with being a prime mover behind the development and launch of OSCAR satellites 10 and 13.
In the early 1980's, Riportella was involved in gaining AMSAT's backing in the then very new Shuttle Amateur Radio Experiment or SAREX program. He also appeared in the 1987 video "The New World of Amateur Radio" to explain the ham radio space program.
Rip also served a stint as the editor of QST's "Amateur Satellite Communications" column and wrote several articles for QST on satellite communication. He was the creator of the AMSAT Satellite Report newsletter and as longtime listeners know, Rip was a frequent contributor to Newsline.
In more recent days, Rip, who was only age 52 at the time of his death, had been involved in upgrading the packet radio equipment aboard the Russian Mir space station. He was also working quietly at building tighter bonds between the various ham radio space related groups worldwide.
Most important of all, Vern Riportella, WA2LQQ, was a truly close friend for the better part of two decades. His contributions to Amateur Radio and the Amateur Radio Space Program will be long remembered, and we will all miss him very much.
Condolences may be sent to Rip's family at:

P.O.Box 177
Warwick, New York
10990

(*****
And for this week, that's all from the Amateur Radio Newsline. You can write to us at:

NEWSLINE
P.O.Box 660937
Arcadia, California
91066

For now, with Bill Pasternak, WA6ITF at our editors desk, we at Newsline say 73 and we thank you for listening.

(* * * Newsline is copyright 1996 & all rights are reserved. * * *

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< ^^>
< "Big Steve" Coletti >
< Computer and Network Installation, Upgrades and Repair. >
< Internet: bigsteve@dorsai.org >
< I was balding, then I installed Windows 95 and pulled the rest out. >

< US Mail: P.O. Box 396, New York, NY 10002 >
< Fax Weekdays/Voice Weekends: +1 212 995-2637 >
~~~~~~
~~~~~~

4031. FT-5100 MODS

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: "James A. Sumption" <jsumption@juno.com>
Message-ID: <324E8053.3849@juno.com>
Source record: 215833

I am looking for any mods for YEASU FT-5100 that maybe are newer than
the ones found on the QRZ CD can any one HELP!
K9YCA

4032. Re: FREE for the taking

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: kc7gnm@primenet.com
Message-ID: <52m2cl$4o1@nnrp1.news.primenet.com>
Source record: 215834

jhardy-k4hav wrote:

>Why pay for something when you can get it FREE? The FCC makes its
>Amateur Radio Callsign Database available from its FTP Site. The
>entire database is updated every Monday with daily updates for calls
>issued every day.

>However, the database as downloaded is of little use. I have written a
>program that takes this "raw" database, converts and condenses to an
>usable database which can be searched by callsign. The name and
>address will be displayed and a label can be printed if desired. I am
>making this program available as FREEWARE and it can be downloaded
>from my "FCC DB" web page URL:
>http://www.surfsouth.com/~jhardy/fcc.htm or there is a link from my
>home page.

>You can get the same data by buying a CD from one of the commercial
>suppliers such as QRZ, BuckMaster, SAM, CallBook, etc., but my method
>will be much more current and can be updated FREE at any time instead
>of buying another CD. Of course, the same data is provided free via
>the various web pages (QRZ, BuckMaster, etc) but you have to be online
>to access these.

>By using this approach you could also provide this database to your
>local hams that are not on the Internet by giving them copies on
>floppies. Or if someone had access to a FTP site that had spare room,
>the database could be stored there and updated weekly. The condensed
>database requires about 34MB of hard disk space, but this has over
>720,000 calls in it.

>Drop by my web site and download this program and give it a try. If
>you have any questions email me.

I went to your web page and saw the so called "Freeware" program you
were talking about. It is not freeware so don't call it that. You are
passing what is called "Crippleware". Freeware is something that has
all features enabled and the author does not charge anything at all
for it's use. You are charging $10 to unlock some features. All you
are doing is trying to get suckers to come to your page and download
your file and then get $10 from them. I didn't even bother to download
your file after I saw that it was not actually freeware but
crippleware. I hope everyone else will see it that way to. Besides if
you have an internet account you can get all those same calls for free
anyways.

4033. Re: Travel with toys (electronics)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: Dan Henderson <dandan2@erols.com>
Message-ID: <324EAD86.40B6@erols.com>
Source record: 215835
Cross-posted to: rec.travel.air,alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc,rec.aviation.piloting

Gus wrote:
>
> craig@pacific.net.sg (Craig Welch) wrote:
>
> >Which ng? You have posted to:
>
> >I haven't seen any such list,
> So I am guessing that you have seen every list ever made. My with all
> of your flying and reading every list ever made you must not have much
> of a life. Look around before you speak.
>
> >and *every* airline with which I fly my 300,000+ per year *specifically* excludes such
toys.
> if you are trying to brag it does not impress me. and again i ask
> have you flown every airline in the world. see above.
>
> BTW I said that i saw the list i did not state how old it was. here
> it is if you want to look at it if you have questions the source is
> listed. Look there. If it is no longer accurate then it is no longer
> accurate. I only said that I had seen a list like this.
>
> scan.airline AIRLNE.TXT
> /pub/hamradio/docs/misc Hamnet Lib 2
> ftp://oak.oakland.edu CompuServe
> [mulligan@acm.org] [70035,140]
>
> June 1995
>
> Scanning Aboard Airliners
> -------------------------
>
> The question of the use of scanning receivers aboard commercial
> airlines arises from time to time. The following is an extract from
> the FAA Regulations (FARs) and the stated positions of a number of
> major carriers.
> It should be noted that in FAR 91.21, the term "operator" refers
> to the airline, not the pilot. The captain on your flight may impose
> additional restrictions depending on conditions, but he may not waive
> limits established by the airline.
> The quotations from various airline policies were correct as of
> the date noted, but are subject to change. If any question arises, ask
> the cabin attendant to check with the flight crew, then obey their
> instructions. I may be on the same flight, and I would prefer that

> stray R.F. not vector us into the side of a mountain.
>
> ---
>
> Federal Aviation Administration Regulations
> 14 CFR 91.21 - Portable Electronic Devices
>
> (a) Except as provided in paragraph (b) of this section, no person
> may operate, nor may any operator or pilot in command of an aircraft
> allow the operation of, any portable electronic device on any of the
> following U.S.-registered civil aircraft:
> (1) Aircraft operated by a holder of an air carrier operating
> certificate or an operating certificate; or
> (2) Any other aircraft while it is operated under IFR.
>
> (b) Paragraph (a) of this section does not apply to -
> (1) Portable voice recorders;
> (2) Hearing aids;
> (3) Heart pacemakers;
> (4) Electric shavers; or
> (5) Any other portable electronic device that the operator of the
> aircraft has determined will not cause interference with the
> navigation or communication system of the aircraft on which it is to
> be used.
>
> (c) In the case of an aircraft operated by a holder of an air carrier
> operating certificate or an operating certificate, the determination
> required by paragraph (b)(5) of this section shall be made by that
> operator of the aircraft on which the particular device is to be used.
> In the case of other aircraft, the determination may be made by the
> pilot in command or other operator of the aircraft.
>
> ---
>
> Delta Air Lines
> from the "On Board" section of SKY magazine, January 1995
>
> PORTABLE ELECTRONIC DEVICES - Current regulations prohibit the use
> of certain types of portable electronic devices (PEDs) on board
> commercial aircraft, due to the potential for interference with
> navigation and communications equipment.
> The following devices may not be operated at any time on Delta
> aircraft: cellular telephones, commercial two-way transmitters (i.e.
> walkie-talkies); amateur transmitters (i.e. ham radios); citizen band
> (CB) transmitters; 49 MHz transmitters; devices designed to radiate
> RF energy on a specific frequency; peripheral devices for computers or
> games connected by cable (i.e. printers); AM/FM radios and portable TV
> sets; remote-control toys.
> The following may not be operated when the aircraft is at the
> gate, in the taxi, take-off, initial climb, approach, and landing

> phases: personal computers (cable-connected peripheral devices such
> as printers, external disc drives, etc, are not authorized); personal
> computer games; VHF scanner receivers; compact-disc players; digital/
> cassette-tape player-recorders; video recorders/playback systems;
> calculators.
> The following may be operated at all times: hearing aids; heart
> pacemakers and other implanted medical devices; electronic watches;
> electronic nerve stimulators; properly certified operator-installed
> and -maintained equipment, such as the public passenger-telephone
> equipment. Personal life-support systems may be operated during all
> phases of flight, provided that the equipment conforms to the criteria
> established by the administrator of the Federal Aviation
> Administration (FAA).
>
> --
>
> United Airlines
> press release
>
> UNITED AIRLINES PROHIBITS USE OF
> PORTABLE ELECTRONIC DEVICES DURING TAKEOFFS AND LANDINGS
>
> Chicago, June 22, 1993 -- United Airlines today announced that
> effective July 1, it will prohibit the use of portable electronic
> devices, such as laptop computers and compact disc players, onboard
> its aircraft during takeoffs and landings.
> United said its policy was developed to address the possibility
> of such devices causing electromagnetic interference with cockpit
> navigation or communications systems when aircraft are on the ground
> or flying below 10,000 feet -- the most critical phase of aircraft
> operation.
> "We have not experienced any safety problems with these devices,
> but enough questions have been raised in the industry to prompt us to
> implement this policy as a precautionary measure until further study
> determines if any safety hazard exists," said Ed Soliday, United's
> director-corporate safety and security.
> Excluded from the new policy are electronic medical devices --
> such as hearing aids and pacemakers -- and electronic watches, which
> may be used onboard an aircraft at any time.
> United said when an aircraft is flying at or above 10,000 feet --
> which normally occurs within 10 minutes of takeoff and until 10
> minutes before landing -- passengers may use the following devices:
> o compact disc players;
> o electronic cameras (film or video);
> o electric shavers;
> o hand-held electronic calculators;
> o hand-held electronic games;
> o portable audio tape players;
> o portable video players (tape playback only);
> o portable voice recorders (dictation equipment);

> o portable computers with accessory printers and tape
> or disk drives.
>
> -UA-
>
> ---
>
> American Airlines
> from the "Vantage Point" column of American Way magazine, July 1993
>
> [....]
>
> Products known to cause problems include cellular phones, portable
> radios and televisions, and remote-control toys, which federal
> regulators have long barred on commercial aircraft. (The Airfones
> available on most of our airplanes are specially engineered to
> eliminate interference with aircraft systems, and they have been
> thoroughly tested to ensure that result.)
> The jury is out on whether other devices - small computers,
> compact-disc players, hand-held video games among them - have similar
> effects. Although scientific studies have been inconclusive, there is
> mounting anecdotal evidence of sporatic and poorly understood
> problems. When safety is at stake, taking avoidable risk is simply
> unacceptable. That is why some air carriers outlaw the use of
> electronic devices during all or part of their flights. American
> Airlines announced recently that it will no longer permit the use of
> such devices during takeoff and landing, and while flying at altitudes
> lower than 10,000 feet, the phases of flight during which cockpit
> instruments are used most intensively.
>
> [....]
>
> ---
>
> Atlantic Southeast Airlines
> from the ASA Flight Attendant Manual, pp 3-49&50, November 2, 1993
>
> 3.13. Portable electronic devices
>
> A. Regulations
>
> The FAA prohibits use of electronic devices such as AM/FM radios,
> cellular telephones, etc. during flight. These receivers have circuits
> which can radiate signals strong enough to interfere with the
> aircraft's navigational systems. Non-transmitting portable electronic
> devices shall not be used during takeoff and landing when the seat
> belt sign is on, or when directed by a crew member, or during
> operations below 10,000 feet. However, non-transmitting portable
> electronic devices may be used at other times. If interference from
> the portable electronic device is suspected, the captain may prohibit

> operation of the device.
>
> 1. Prohibited equipment
> The following may not be operated at any time on ASA aircraft:
> a. Cellular telephones.
> b. Commercial two-way radios (i.e. Walkie Talkie).
> c. Personal two-way radios (i.e. Ham operators).
> d. Citizen Band (CB) radio.
> e. 49 MHz Transmitters.
> f. Peripheral devices for computers or computer games
> (i.e. printers, external mouse, "joy sticks").
> g. AM/FM radios and televisions.
> h. Remote controlled toys.
> i. Devices designed to radiate radio frequencies (RF) energy on
> specific frequencies.
> j. Cassette tape players with AM/FM radio capability.
> k. Cpmpact Disc players.
>
> 2. Acceptable equipment
> The following may be operated when there is not a sterile cockpit in
> effect. The devices must be turned off when the seat belt sign is
> turned on for approach.
> a. Personal computers (see restriction f above).
> b. Personal computer games (see restriction f above).
> c. VHF scanner receivers.
> d. Digital cassette tape player-recorders.
> e. Video recorders/internal playback systems.
> f. Calculators.
>
> 3. The following devices may be operated at all times.
> a. Hearing aids.
> b. Heart pacemakers or other implanted medical devices.
> c. Electronic watches.
> d. Electronic nerve stimulators.
> e. Electric shavers.
> f. ASA installed equipment.
> g. Pagers.
> h. Acceptable personal life support systems.
>
> ---
>
> Southwest Airlines
> (from correspondence dated 12 April 95)
>
> Ground Operations Customer Service Manual -
>
> The FAA allows inflight use of headsets, portable computers,
> calculators, and electronics games, provided they can be stowed
> properly in accordance with this rule. Customers should be requested
> not to use these devices during takeoffs and landings. The FAA does

> not allow inflight use of walkie-talkies, radio controlled toys, AM/FM
> radios, portable telephones, or portable television sets, all of which
> may affect aircraft radio and navigation equipment.
>
> Safety Cards -
>
> Portable Electronic Devices Not Acceptable
> Telephones
> Radios, AM/FM, VHF, battery or cord operated
> TV sets -- battery or cord operated
> Electronic games or toys with remote controls
> Computer, calculators, or typewriters larger than a briefcase
> and cannot be stored under the seat
> Data entry pad, hand held with umbilical cord attached
>
> _____Gus:

According to the safety announcements...ANY receiver cannot EVER be used...not after 10 minutes after t/off and 10 min prior to landing like computers and other things are...NO receiver cannot be used....The point is mute re scanners...THEY CANNOT BE USED...and all the airlines have the same rule, at least in the USA...

Dan Henderson

4034. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: carl@ais.net
Message-ID: <52m4s7$a59@news.ais.net>
Source record: 215836
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <52kju9$6in@usenet.pa.dec.com>, flaherty@pago-pago.pa.dec.com (Paul Flaherty) writes:
>carl@ais.net wrote:
>
>> By using CW??? That CW is not the most efficient use of HF spectrum is
>> an irrefutable fact. That's why commercial users abandoned CW years
>> (decades) ago ...
>
>No, as a matter of fact, it's quite refutable. Carl, what other mode in
>widespread use in the amateur service packs the most QSOs per kHz? You've
>had a week to support your supposaid "fact" with some numbers, but have
>failed to do so.
>

First, I said NOTHING about "in widespread use in the amateur radio service" ... I've already said that ham technology is inefficient and backward and needs to be updated significantly to catch up to today's world ... however, with that said, practically *every* other mode in use in the ham bands is more spectrally efficient than OOK Morse ...

The issue is not QSOs per kHz ... that outdated concept panders to the idea that "narrower is better" and ignores the existence of time. The way to measure the spectral efficiency of a modulation scheme is with a metric like "bits/sec/Hz" ... this sort of metric recognizes the well-known engineering fact that the absolute bandwidth is totally irrelevant to efficiency. There have been many examples presented here in the past weeks that clearly show, by simple math, that virtually *every* other mode (except spark) is more spectrally-efficient than OOK Morse, so rather wasting the effort in regurgitating them, I'll refer you to DejaNews or AltaVista ... (assuming you *really* want to see them again, which is dubious ...)

>> Dollars are not the relevant figure of merit ... it's an equation like:
>
>Outside of academia, dollars are *the* figure of merit. Ham Radio purchases
>are *very* cost sensitive. To claim that you don't care what it costs
>smacks of elitism.

In your zeal to refute my assertions, you fail to take the time to read them and attempt to understand what they mean ... I NEVER said "I don't care what it costs." In fact, I have stated numberous times here that there is no inherent reason that, in widespread use, the newer technologies that folks like Phil Karn, Gary Coffman, and others (and I) are advocating should cost more than today's backward technology ... in fact, the liklihood is that the use of newer technology will result in

cheaper implementations (with better performance) than the triple and quadruple conversion "super"het monstrosities that are being foisted on hams today as "the latest in technology" ... (what rubbish!!!)

>
>> (value_of_activity*number_of_users)/(spectral_efficiency)
>
>Buried in this equation is a very dangerous idea: that some QSOs are more
>valuable than others, an idea wholly repugnant to the First Amendment.
>After all, who can make such a judgement?

The FCC WILL make EXACTLY that judgement when deciding to take our bands away and auction them off to some deep-pockets commercial enterprise who proposes to use them to provide valuable, desirable services to *millions* of users. (it's called "the public interest")

They'll look at our bands and the comparative lack of activity therein and the backward, inefficent technologies that we're using and say:

"Let's see now ... over here we have a small number of these 'hams,' occupying many, many megahertz and clinging to the past with their insistence on, of all things, Morse code and the like in today's world (can you *believe* that?)"

"Our choice is clear ... hams, out ... commercial service in ... we get many tens of billions of dollars in license fees to reduce the national debt and the people of America reclaim a wasted resource to provide benefits to far more people than those paultry few 'hams' ... besides, those 'hams' are so far back in the 'dark ages' that they're of no practical use in emergencies any more ... and they're certainly not contributing to the advancement of technology like they *used* to ..."

"So ORDERED .."

>A more objective figure of merit would be:
>
>(# of QSOs)**2 / (Hz) * (Total Equipment Cost)
>

The above is totally irrelevant to the regulators ... and the "formula" makes ZERO sense ...

>Incidentally, the efficiencies available to VHF+ Spread Spectrum don't
>translate to HF. For starters, the available chip rate is much, much lower,
>given the scarcity of spectrum. For another, it's extremely difficult to get
>orthogonality in a Rayleigh fading environment. The only practical and
>longterm use of spread spectrum on HF has been radiolocation, and it works
>quite well, given the relatively low information rate and lack of reuse.
>

The above paragraph shows clearly that you have ABSOLUTELY NO IDEA of
how spread spectrum could be (and has been) applied to HF.

>> I'm saying that the RULES are not in keeping with the times and do not
>> promote technical progress in ham radio, but rather they look to the
>> past.
>
>So what you're advocating is not only the elimiation of the CW exams, but of
>HF SSB as well? After all, you've pointed out repeatedly that these kinds of
>changes have had to be forced onto land mobile.
>

I never said "ban CW" ... nor "ban SSB" ... all I've said is:

1) "Eliminate the CW test .. it's outlived any usefullness it
may once have had."

2) "Make the written exam meaningful."

3) "Change the rules to remove artificial, ill-advised barriers
to the introduction of new technologies."

>What you are therefore advocating is a change from a system that works to
>one whose technology doesn't even exist, will outlaw all existing equipment
>(thereby making it worthless), and will require more capital outlay from every
>single user.

Again, in your zeal to refute my assertions, you fail to comprehend (or
choose to ignore) what I said ...

I never said "outlaw (any) existing equipment" ... I never said "ban the
use of (any) mode" ...

And I'm not talking "pipe dreams" about "technology that doesn't even
exist" ... I'm talking about technology that's being used every day by
commercial users ... hell, even *consumer devices* like cordless phones
and cellphones ... WAKE UP!!!

>And for what reason? Why should we all pay more for a system
>that will, in all likelihood, be about as efficent as the current system?

RED HERRING ALERT!!!!!!!!!!!! The above statement is deliberately
designed to decieve the reader through deliberate missrepresentation of
facts and obfuscation ...

ANYTHING (other than spark or two tin cans and some string) would be
more efficient that our current "system" ... there IS NO "system" ...
just a random collection of largely antiquated garbage ...

Carl - wa6vse
carl@ais.net

4035. mods for ft-11r

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: "Daniel Bell, Jr." <kc4oxp@avana.net>
Message-ID: <324EBD65.2CF4@avana.net>
Source record: 215837

If anyone knows of any, or where I might be able to find on the internet
mods for the ft-11r I would appreciate hearing from you.

73 Danny KC4OXP
kc4oxp@avana.net

4036. Re: 2m Wide Open in Florida

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <52m9c4$loq@sjx-ixn3.ix.netcom.com>
Source record: 215838

In <cgreenha.550.324DBA97@magnus.acs.ohio-state.edu>
cgreenha@magnus.acs.ohio-state.edu (Christopher K. Greenhalgh) writes:
>
>
>I am sorry if you reading "dont" as opposed to "don't" confuses you.
Perhaps
>you could contact OSU and complain again, and my boss will send out a
memo
>regarding contractions poted to Usenet.

It doesn't confuse me it just isn't proper English. You know perfectly well the only time I, and others, complained to your ISP was when you were being totally irresponsible trying to make some obscure point. While on that subject, then official text for EMTs still considers blood as the primary risk for AIDS exposure. You have got to straighten them out.

You know you could get a commercial ISP rather than bringing your employer to the table with every stupid post you make. You know like your annoying habit of calling people with whom you disagree liars. If you slander someone in a public forum then I think they have a perfect right to complain to your ISP. If you post from your employer's system then that is on your head.

>
>>Why is it that you can't seem to learn to spell my name? Is this some
>>juvenile attempt to annoy me or are you really that stupid?
>
>You listed name in call servers is "Gerald", and thought you went by
the known
>nickname of "Gerry". It was NOT my intention to "annoy" you, but given
your
>response...it must have.

Jerry is just as if not more common than Gerry and I sign every post I make with Jerry so I think my qoestion is answered.

>
>Take care Gerald, and good luck.
>
>
>Christopher K. Greenhalgh, N8WCT
>Computer/Electronic Tech. II at The Ohio State University
>E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
>AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

4037. Re: Help Collins

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: Barry Newberger <bsn@fusion.ph.utexas.edu>
Message-ID: <52mp6c$3o0@geraldo.cc.utexas.edu>
Source record: 215839

According to my Collins mech filter
catalog, ca 1974 it is a symmetric bandpass
filter having a 455kHz center frequency,
2 kHz nominal bandwidth @ 6dB, maximum
bandwidth of 5.3 kHz at 60 dB and a case
style K. It is part no. 526-9163-000.

73,
W5KH

4038. FS: MOTO MT1000

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: Scott Zahirniak <scott@inow.com>
Message-ID: <324EC2A4.7979@inow.com>
Source record: 215840

I have For Sale:

MT1000 UHF Handheld Two-Way Radio for $550 O.B.O. Almost Brand New!!!!

- Frequency Range of 450-470mhz

- 99 Programable Channels

- 5 watt capability

If interested send an e-mail to: "jarrett@inreach.com" or call
"510-862-1827"

4039. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: billsohl@planet.net
Message-ID: <52modo$rui@jupiter.planet.net>
Source record: 215841
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

flaherty@pago-pago.pa.dec.com (Paul Flaherty) wrote:

>carl@ais.net wrote:
>> (value_of_activity*number_of_users)/(spectral_efficiency)

>Buried in this equation is a very dangerous idea: that some QSOs are more
>valuable than others, an idea wholly repugnant to the First Amendment.
>After all, who can make such a judgement?

The FCC has alreaddy limited your first amendment rights by limiting
QSOs to non-commercial traffic. (i.e. you can't conduct business
with an amateur QSO... first amendment violation? you tell us)

>(# of QSOs)**2 / (Hz) * (Total Equipment Cost)

I side with Carl that cost is not relavent. Also, if you want to make
it a test as opposed to a random survey of spctrum, then it is
easy to move far more QSO's via packet than any equivalent
number of CW QSOs that might fit into the bandwidth the packet
signal occupied.

>> Besides, the newer techologies are not inherently more expensive than
>> the fancy "narrow band FM" radios you mention in the following
>> paragraph. Being more digital in nature, they may actually be cheaper
>> to produce ... they're just not being cranked out in comparable volumes
>> yet ... primarily because users are not being pressured to make
>> changes.

>Okay, so where are they? There's no "code blockage" on VHF technology, and
>everyone new is going straight to the wideband technology. Why shouldn't
>we expect the same to happen with HF?

Because there just isn't as much HF spectrum Isn't that
obvious. Many pro-code pundits keep pointing out
that VHF and above is 99% greater frequency spectrum than
HF (1%).

>> I'm saying that the RULES are not in keeping with the times and do not
>> promote technical progress in ham radio, but rather they look to the
>> past.

>So what you're advocating is not only the elimiation of the CW exams, but of
>HF SSB as well? After all, you've pointed out repeatedly that these kinds of
>changes have had to be forced onto land mobile.

If newer phone techniques ultimately lead to the
elimination of SSB, so what. But, once again, elimination

of any test element does NOT equal elimination of any
mode.

>What you are therefore advocating is a change from a system that works to
>one whose technology doesn't even exist, will outlaw all existing equipment
>(thereby making it worthless), and will require more capital outlay from every
>single user. And for what reason? Why should we all pay more for a system
>that will, in all likelihood, be about as efficent as the current system?

>The technical "facts" you've presented do not support your position, and the
>empirical facts from 5+ years of the codefree tech disprove it.

Carl's opinion of what might be is his. The real issue once again
is for the government to justify why anyone in 1996 should be
forced to learn CW, a mode that has no support outside the
amateur spectrum. That statement is made with full recognition
and emphasis that while some hams love CW, will continue to
use CW, and should be allowed to continue using CW, that
all hams gaining access in the future need not learn CW. There's
just no qualitative or objective argument today to sustain
continued CW testing into the 21st Century.

Bill Sohl K2UNK
ARRL Local Gov't Liaison, Mt. Olive Township, NJ

4040. Home Page F5TCN

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: Yannick Cailliau <cailliau@worldnet.fr>
Message-ID: <01bbae59$8a0c39c0$179dcec2@worldnet.sct.fr>
Source record: 215842

```
--
Yannick CAILLIAU, F5TCN
14 route d'Harnes,
62880 Annay sous Lens,
France
E-mail: f5tcn@mail.dotcom.fr
Home Page: http://www.worldnet.fr/~cailliau/HomePage.shtml
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4041. Re: Travel with toys (electronics)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: rma@visi.com
Message-ID: <52mgus$8kh@darla.visi.com>
Source record: 215843
Cross-posted to: rec.travel.air,alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc,rec.aviation.piloting

Dan Henderson (dandan2@erols.com) spilled onto his news spool:
: According to the safety announcements...ANY receiver cannot EVER be
: used...not after 10 minutes after t/off and 10 min prior to landing like
: computers and other things are...NO receiver cannot be used....The point
: is mute re scanners...THEY CANNOT BE USED...and all the airlines have the
: same rule, at least in the USA...

Did you read the material you were responding to? ASA specifically
permitted them, and Delta specifically mentioned they had to be off only
during the low altitude, taxi, etc., phases which rather implies they
are allowed otherwise. If there is one thing that characterizes US
carriers' policies in this area, it is a *lack* of consistency other
than requiring that PEDs be turned off below 10,000 feet.

|Rich Ahrens | Homepage: http://www.visi.com/~rma/ |
|rma@visi.com |---|
| "Nobody talks more of free enterprise and competition and of the |
| best man winning than the man who inherited his father's store |
| or farm." - C. Wright Mills |

4042. FREE Web Swap Shop

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: Bill Levey <bro@bro.net>
Message-ID: <324EBC8B.6B0C@bro.net>
Source record: 215844

Amateurs are invited to post items for sale on the new
BARC (Birmingham Amateur Radio Club) Web Swap Shop.
Submissions are added immediately and at no cost.

--> http://bro.net/barc/forsale.html
http://bro.net/barc/additem.html

73!
Bill Levey - WA4FAT

4043. Repeater coverage in MN Gunflint Area?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: pjohn8888@aol.com
Message-ID: <52mia4$cqp@newsbf02.news.aol.com>
Source record: 215845

I'll be staying 25 miles up NE Minnesota's Gunflint Trail next month. The ARRL repeater directory shows some towns in the general area with 2M repeaters, but according to the map, none look close enough to provide coverage up into the Gunflint wilderness.

Does anyone know if these (or any other) repeaters have coverage up the trail?

Thanks and 73.

Phil

4044. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: Clay N4AOX <wyn@worldnet.att.net>
Message-ID: <324ED00A.CD1@worldnet.att.net>
Source record: 215846
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Gary Coffman wrote:
>
> In article <324CB918.3AF1@ix.netcom.com> tlfoster@ix.netcom.com writes:
> >Cecil Moore wrote:
> >> Thomas Foster wrote:
>
> >Because developing the skills needed to receive code is much more
> >difficult than learning theory, if given the choice most hams would
> >probably elect not to attempt it (Well, actually they do have a choice,
> >but not on the HF bands). The ham who has never learned and used the
> >code on the air will never realize the attractiveness of the mode.
>

> Almost half (44%) of current licensees seem to share my opinion, because
> they told the ARRL (on its survey) that they *never* use Morse. Of the
> remaining 56% who do, at least ocasionally, use Morse, we don't know
> how many find it attractive and how many find it a nuisance that they
> put up with because counting coup requires them to use it, IE they use
> it for Dx gaming.

Have you determined that of the 44% who told the ARRL that they never use Morse, how many were HF operators, having had to pass the 13 and 20 wpm requirements? If this survey sampled the total ham population would not those who had a no code license be likely to say they had never used Morse? One would think that, to emphasize your point, you should have taken the poll results of ARS HF operators only for their response to the question.

In addition you suggest that "Dx gaming" forces some to grudgingly use Morse. I would suggest that DXing is attracted to the reliability of CW to make long distance contacts on HF, not that other skills are not required. Thus, it is this attribute of CW that makes it attractive to DXers.

> Well, at least that's honest, and a refreshing change from the bogus
> reasons advanced by most of the pro-code test crowd. I disagree, of
> course. I think each method should stand on its own merits in open
> competition. Let the best method win. That's how we "improve the breed".
>

4045. Re: Travel with toys (electronics)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: lgus@hub.ofthe.net
Message-ID: <52mka7$30e@news0-alterdial.uu.net>
Source record: 215847
Cross-posted to: rec.travel.air,alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc,rec.aviation.piloting

Dan Henderson <dandan2@erols.com> wrote:

>According to the safety announcements...ANY receiver cannot EVER be
>used...not after 10 minutes after t/off and 10 min prior to landing like
>computers and other things are...NO receiver cannot be used....The point
>is mute re scanners...THEY CANNOT BE USED...and all the airlines have the
>same rule, at least in the USA...

and anytime inbetween the 10 min after and 10 min before the can be
used on some airlines. I NEVER debated using them 10 min after and 10
min before. so don't jump me for that.

4046. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: <>
Message-ID: <52mvo5$u9i@news-s01.ca.us.ibm.net>
Source record: 215848

In <52ks8k$aff@cc.iu.net>, wnewkirk@iu.net (Bill Newkirk) writes:
>In <52i23a$2pni@news-s01.ny.us.ibm.net>, macino@ibm.net@smtp-gw01.ny.us.ibm.net writes:
>>Monday the 23rd I called the US Post Office number to check to see
>>when it was delivered. "Package delivered Friday". WHAT? How could
>>that happen? This is a bad dream. Not bad enough I guess.
>
>the delivery company's job is to get the package there ASAP. probably had
>enough special requests for gettysburg, that i can see enough mass in place
>to force a special run just to clear the docks.
>
>Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
>Melbourne, FL duty now for the future of amateur radio
>Lombardi's 1st Law of Business:
>Companies succeed in spite of their best effort. If they succeed at all.
>

Bill,
To net it out, I could have sent a .37 stamped envelope and received better
service than the $10.75 for 'special handling' with 'specific instructions'. At least
another government agency wouldn't have to defend the actions taken by
their contracted vendors, or their inability to manage the process.

Jim

4047. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: <>
Message-ID: <52n07j$u9i@news-s01.ca.us.ibm.net>
Source record: 215849

In <52j2hs$e2v@northshore.shore.net>, mc@shore.net (Michael Crestohl) writes:
>Geez, Jim.......why didn't you do your homework? The FCC made it very
>clear that anything received after Friday Sept 20th would be datestamped
>with the next FCC business date, ie: Monday the 23rd. I, like thousands
>of others, mailed mine on Saturday morning by Express Mail and it was duly
>delevered on Sunday to the postal lock box in Pittsburgh.
>
>Then there's the guys who had it shipped FedEx and didn't put the lock box
>number on the envelope on the inside of the big courier envelope....guess
>what happened to their apps?
>
>My philosophy on this kind of the thing would be to make the rules of
>acceptance more stringent (specific size envelopes, etc) so that the
>people who could read, understand and comply with the instructions would
>have first shot at these choice calls.
>
>I am sorry that your app was not in the bin dated the 23rd. But maybe the
>calls you want will still be available when they get around to your
>application.
>
>73,
>
>Michael Crestohl, KH6KD/W1 (W1??)
>
>mc@shore.net

Geez...Mike, if you would REREAD my original post, I did do my 'homework'. Your point of specificity on the certain criteria would be great. Here again, if the USPS had followed the 'Special Handling Instructions' that cost an additional 10.75-.37 to perform, then this app would have been in the kitty with everybody elses, just like I tried to do. Hope you get the callsign your looking for.

Jim

4048. IPS Daily Report - 29 September 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <52mves$jak@flare.syd.ips.oz.au>
Source record: 215850
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 29/2330Z SEPTEMBER 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE AUSTRALIAN SPACE FORECAST CENTRE
SUMMARY FOR 29 SEPTEMBER AND FORECAST FOR 30 SEPTEMBER - 02 OCTOBER

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 70/5

GOES satellite data for 28 Sep
Daily Proton Fluence >1 MeV: 2.3E+06
Daily Proton Fluence >10 MeV: 1.8E+04
Daily Electron Fluence >2 MeV: 3.4E+08 (moderate)
X-ray background: A2.1
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
30 Sep 01 Oct 02 Oct
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 30 Sep: 70/5

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Quiet to unsettled

Estimated Indices : A K Observed A Index 28 Sep
Learmonth 8 2322 2222
Fredericksburg 10 19
Planetary 13 17

Observed Kp for 28 Sep: 1552 3321

2B. MAGNETIC FORECAST
Date Ap Conditions
30 Sep 15 Unsettled
01 Oct 30 Active to minor storm
02 Oct 15 Unsettled to active
COMMENT: IPS Geomagnetic Warning 11 was issued on 28 September
and is current for interval 30 September to 1 October. Disturbance
expected to begin during local night 30 September.

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band
Date Low Middle High
29 Sep Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
30 Sep Normal Normal Fair
01 Oct Fair Poor Poor
02 Oct Normal Normal Fair
COMMENT: HF conditions at mid-high latitudes are expected to
become degraded on 1 October in association with expected geomagnetic
activity.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
29 Sep 1

Observed Australian Regional MUFs:
Darwin: No data.
Townsville, Sydney, Hobart: near predicted monthly values.

Predicted Monthly T index for September: 9

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
30 Sep 5 near predicted monthly values
01 Oct -10 10 to 20% below predicted monthly values
02 Oct 5 near predicted monthly values
COMMENT: IPS HF Communications Warning 17 was issued on 28 September
and is current for interval 1 October only. Degraded HF conditions
expected from local night on 30 September to 1 October. Depressions
of 10 to 30% expected for southern region (mid to high latitudes),
Northern region (low latitudes) should continue to use monthly
T index of 9.
--
IPS Radio and Space Services | email: asfc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/asfc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
tel: +61 2 94148300 | fax: +61 2 94148331

4049. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: flaherty@pago-pago.pa.dec.com
Message-ID: <52n13q$nrv@usenet.pa.dec.com>
Source record: 215851
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Carl Stevenson (carl@ais.net) wrote:

> First, I said NOTHING about "in widespread use in the amateur radio
> service" ... I've already said that ham technology is inefficient and
> backward and needs to be updated significantly to catch up to today's
> world ... however, with that said, practically *every* other mode in use
> in the ham bands is more spectrally efficient than OOK Morse ...

Okay, so you've granted me that your solution does not currently exist.
Okay, fine. Then any change can wait until your solution does exist, and
constitutes a practical replacement.

The reason that QSOs/Hz and not bits/Hz is the relevant metric is that human
beings adapt their information rates to the channel in question, applying
compression in various forms. Oddly enough, most of the stated goals of the
Amateur Service involve direct communications between human beings. Go out
on 20m sometime, and count the number of human QSOs versus automated links.

> The issue is not QSOs per kHz ... that outdated concept panders to the
> idea that "narrower is better" and ignores the existence of time.

Narrower in the Shannon sense will always be better. In the end, you still
have to pack a number of QSOs into the available bandwidth. Incidentally,
the "wider is better" myth fell out of favor about two years ago.

> The way to measure the spectral efficiency of a modulation scheme is with a
> metric like "bits/sec/Hz" ... this sort of metric recognizes the
> well-known engineering fact that the absolute bandwidth is totally
> irrelevant to efficiency.

That assumes that the information rate is independent of the channel rate,
which is false in this case. In the end, you still have to modulate
some kind of baseband information into the channel. If the baseband
information rate is lower, then you will inherently be able to pack more
users into the available bandwidth.

>There have been many examples presented here
> in the past weeks that clearly show, by simple math, that virtually
> *every* other mode (except spark) is more spectrally-efficient than OOK
> Morse, so rather wasting the effort in regurgitating them, I'll refer
> you to DejaNews or AltaVista ... (assuming you *really* want to see
> them again, which is dubious ...)

But again, those didn't use relevant metrics. The issue here is whether or
not the HF bands could handle more *users*, not more bps per Hertz.
From a bps/Hz perspective, you're correct. But since the user community is

rate adaptive, your comparison is irrelevant to the original question.

(It's also sort of funny being referred to my own creation, BTW.)

> In your zeal to refute my assertions, you fail to take the time to read
> them and attempt to understand what they mean ... I NEVER said "I don't
> care what it costs."

In article 52hs0t$gjk@news.ais.net, you write "Dollars are not the relevant figure of merit." Looks to me like you don't care.

> In fact, I have stated numberous times here that there is no inherent
> reason that, in widespread use, the newer technologies that folks like
> Phil Karn, Gary Coffman, and others (and I) are advocating should cost
> more than today's backward technology ...

So fine. Build them, and we'll believe you. The CW requirement isn't stopping anyone from building or deploying such a system. And, if it behaves in a manner that you describe, very few will object to seeing CW go the way of the dodo bird, least of all me.

Until that time, we have to deal with what we have. The claim that the CW requirement somehow is impeding progress has been proven false empirically by the the codefree tech at VHF+.

> The FCC WILL make EXACTLY that judgement when deciding to take our bands
> away and auction them off to some deep-pockets commercial enterprise who
> proposes to use them to provide valuable, desirable services to
> *millions* of users. (it's called "the public interest")

Agitprop. The HF bands are not in danger; witness the last full WARC in which we actually *gained* in HF. Everyone else is moving to satellite, largely because they can afford to.

>
> The above paragraph shows clearly that you have ABSOLUTELY NO IDEA of
> how spread spectrum could be (and has been) applied to HF.

Then you can prove that assertion, or discredit yourself.

> I never said "ban CW" ... nor "ban SSB" ... all I've said is:

Oh yes you have. You've repeately called for a mandated change from "outdated" technology to something new. You've said that price isn't a factor, so the marketplace won't support that change. With all of those existing modes raising the noise floor, your system won't have enough orthogonality to function at the level you've claimed. So you're going to have to do something.

> And I'm not talking "pipe dreams" about "technology that doesn't even
> exist" ... I'm talking about technology that's being used every day by
> commercial users ... hell, even *consumer devices* like cordless phones
> and cellphones ... WAKE UP!!!

Those devices have several hundred megaHertz to chip over. The largest HF ham band is a little over 1/100 of that size, and don't have to deal with ionospheric fading.

For that matter, what do you want with HF anyway? Industry has concluded that HF is "obsolete", and is moving to satellites. By your methodology, we should just give up HF cold turkey and go to satellites.

The simple truth of the matter is that the CW requirement isn't holding up progress (as evidenced at VHF+ by the codefree tech). Rather, the technology hasn't been properly adapted for the amateur service. Until that changes, the most efficient way to use the HF spectrum is to encourage the use of CW, which the requirement supports.

--
-=Paul Flaherty, N9FZX | "Just name a hero, and I'll prove he's a bum."
->flaherty@pa.dec.com | -- Col. Gregory "Pappy" Boyington

4050. Mid-Atlantic VHF conf./Packrats Hamfest

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: landisj@nad.com
Message-ID: <1996Sep29.160448.648@main03>
Source record: 215852
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.homebrew

*** Mid Atlantic VHF Conference ***

The 20th Annual Mid-Atlantic States VHF Conference sponsored by the Mt. Airy VHF Radio Club will be held on Saturday, 5 October at the Days Inn in Horsham PA. Technical presentations relating to VHF/UHF/SHF weak signal operating will begin at 9AM.

The Days Inn is located just north of exit 27 (Willow Grove exit) of the PA Turnpike, north of Philadelphia, in Horsham, PA. Rooms at the Days Inn can be reserved by calling 215-674-2500. Mention Pack Rats for a discount. The Days Inn is filling up quickly, so reserve soon. Additional lodging is available in the Horsham area: Holiday Inn Trevose (215) 364-2000, Marriott Willow Grove (215) 830-0550, Hampton Inn Willow Grove (215) 659 - 3535, Warrington Inn (215) 343-0373.

*** HAMARAMA ***

On the following day, Sunday 6 Oct. the Packrats will have their annual hamfest at the Bucks County Drive In Theater, about 5 miles north of PA Tpk. exit 27 on Rte. 611. Talk-in on 146.52 simplex and the club repeater on 224.58.

Ron, WZ1V has placed the flyer for the events, including a preliminary list of presentations, on the N.E.W.S. Group web page:
http://uhavax.hartford.edu/~newsvhf/hamarama.html

For more information on the technical conference or a possible presentation slot, contact John Sortor, KB3XG, at 610-584-2489 or at JohnKB3XG@aol.com.

** Preliminary Conference Agenda **

SPEAKERS TOPICS

KD1DU, Del Schier - Introduction to 10 GHz Equipment and Operation

WB6JJN, Jim -Amateur Satellites:Modes, Bands,& Issues @ VHF thru Microwaves

AJ3K, Jim Rautio, Sonnet Software - 3-D Planer Electromagnetic Design

WA1YHO, Gary Dallas - Using YO & AO to Optimize a 6M Antenna System

N1DPM -Introduction to VHF/UHF Weak Signal Operating

Harvey Kaylie, Mini-Circuits Laboratories

WB2SON, Richard Fiore - American Technical Ceramics

W3ZZ, Gene Zimmerman - 40 Years of Contesting

Preliminary schedule of events:

Friday, October 4, 1996
5pm to 11pm - Out of town guests arrive, check in.
The 2 meeting rooms be used as a hospitality suite. The Pack Rats will provide snacks & beverages

Saturday, October 5, 1996

9am to 12pm Morning conference session.
12pm to 1pm Lunch break
1pm to 5pm Afternoon conference session.
5pm to 7pm Hospitality suite.
7pm to 9pm Dinner/Banquet
9pm to 11pm Hospitality suite.

Sunday, October 6, 1996

6am to 10am Check out
7am to 3pm Hamarama at the Bucks County Drive In

Joe - AA3GN
--
landisj@nad.com

4051. Re: WTB: Videocipher II decoders...

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: Randy <tech181@concentric.net>
Message-ID: <324F400C.4CC5@concentric.net>
Source record: 215853
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

DR. DAVE wrote:
>
> Robert Bennett wrote:
> >
> > vgrajeda@morelia.teesa.com wrote:
> > >I need to buy 250 vcII decoders,
> > >I pay $ 35 for a 010,018
> > > $ 20 for a 032
> > > $ 10 for a "dead" vcII
> > > $ 40 for a "dead" vcII plus/RS
> > >If You have one or more, let me know...
> > >Thanks...
> >
> > I've got lots of them ....Just collecting dust.... But I've got to ask
> > you why.... it couldn't be for the video only???????????!!!!
> >
> > Bob
>
> If he's been to the ISLAND's I know why!
WHY???? DR. DAVE!! JUST CURIOS. RANDY

4052. RIP MARS CW

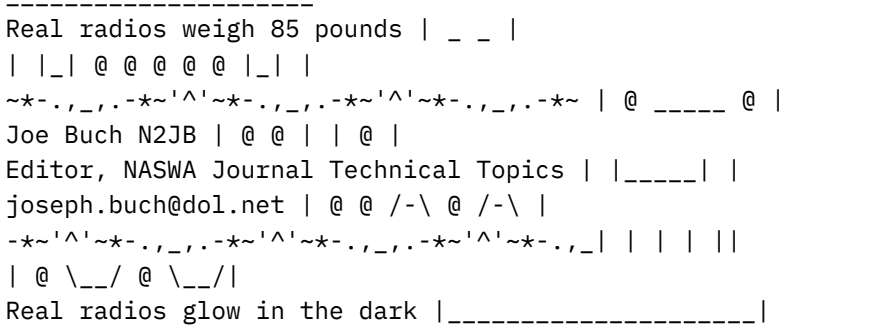
Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: <>
Message-ID: <00087D1E012A77EC@dol.net>
Source record: 215854

Date: Mon, 30 Sep 1996 02:13:58 GMT
Reply-To: joseph.buch@dol.net
From: joseph.buch@dol.net (Joe Buch)
Subject: RIP MARS CW
X-Newsreader: Forte Free Agent v0.55
Newsgroups: rec.radio.amateur.misc
Lines: 30

As of 0000 UTC 1 October 1996 CW is prohibited on
frequencies controlled by the US Department of Defense
including MARS frequencies.

Paraphrasing Samuel Morse, "What God hath wrought the DoD
hath put asunder."

I hope somebody out there can copy PACTOR in their head for
the day when the fit hits the shan.


Real radios weigh 85 pounds
Joe Buch N2JB
Editor, NASWA Journal Technical Topics
joseph.buch@dol.net
Real radios glow in the dark

4053. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: Cecil Moore <Cecil_A_Moore@ccm.ch.intel.com>
Message-ID: <324F4D2D.14A0@ccm.ch.intel.com>
Source record: 215855

Randolph Kielich wrote:
> So I guess it's more anxiety and dread until I determine if mine
> got there too early even with the bank clearing my check.

Hey Randy, ever consider getting a life? :-) Ham calls don't
deserve all that energy.

73, Cecil, W6RCA (not speaking for my employer)

4054. Large Selection of Vintage Manuals Available

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-2909962321370001@host38.cyberg8t.com>
Source record: 215856

If you need a source for vintage radio manuals Ham/scanner/military/and commercial visit "The Raymond Sarrio Company" web site at http://www.sarrio.com. I have over 3000 manuals listed on-line. I can normally get manuals shipped within 2 business days, and I guarantee 100% customer satisfaction. 73's Ray
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront and web site developer. Located at http://www.sarrio.com.

In association with Brillar Enterprises http://win-win.com/brillar provider of discount CD-Roms!

4055. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep29.153915.8605@ke4zv.atl.ga.us>
Source record: 215857

In article <52kh2s$8s6@news.ais.net> carl@ais.net writes:
>In <1996Sep26.213952.25949@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>>Amateurs can certainly continue to *try* to use their older
>>modes of choice, but it will become increasingly difficult to do so.
>>Those who *voluntarily* choose to use superior modes will have greater
>>success, and eventually those who want to be successful on the bands
>>will follow their lead. This was the case when SSB displaced AM. AM
>>was not banned, but it became increasingly untenable to use while SSB
>>offered those who switched considerable advantage. This is just natural
>>selection at work. No one was coerced to switch, it just became obvious
>>that it would be stupid not to switch.
>
>Gary ... your point is (as usual) valid ... however, the CW folks
>continue to refuse to even consider switching ... in light of yout last
>sentence above this speaks volumes :-)

You're being overly harsh again. Today, there is no *need* to
switch. Numbers have not yet climbed to a level where a choice
must be made. Current HF enabled licensees have a large sunk
investment in Morse wetware conditioning. They are reluctant
to discard that while they can still get marginal utility
from it.

>>Susan Ness is correct. We can accomodate arbitrarily many
>>amateurs on HF if we use techniques better than the ones
>>we use now.
>
>I would suspect that the Hon. Ms. Ness only knows that because some
>engineer on her staff told her that, but at least SHE has the sense to
>believe good engineering advice ... that's a LOT more than can be said
>for significant numbers of today's licensed hams ...

While I do believe you are correct that Commissioner Ness is
a lawyer rather than an engineer, you must also realize that
she has a different objective, a different metric in mind,
when she looks at spectral usage than current amateur licensees
have. She is charged to maximize spectral value in the public
interest. Amateurs are primarily motivated to protect their
individual private interests. For the most part, that oftem
appears to them to be best served by defending the status quo
rather than embracing more spectrally efficient methods of
communicating.

Entrenched interests fear change because they aren't sure what
their place will be in the new order. Thus they tend to vigorously

defend the status quo. Only a relative handful see change as an opportunity rather than a threat.

You must consider that if we were to demonstrate that we could use our spectrum more efficiently, and if we then didn't have sufficient numbers to fully occupy it at that higher level, we'd risk losing some of the spectrum we have warehoused.

As long as the bands appear full, to the naive who don't know there are better ways to use them, they look safe. Unfortunately for the naive, the Commission appears to be discovering that there are more efficient ways of using spectrum.

If we want to keep the bands we have, it seems to me that we must first increase numbers to such an extent that amateurs will voluntarily adopt more efficient methods in order to cope. That keeps our spectral occupancy high while at the same time showing we're willing to use what we have to best effect. If we don't do this, we may find a Part 90 style solution imposed on us, and then find parts of our bands taken because we aren't occupying them fully.

Of course increasing our numbers has another benefit, the good old grassroots political kind that politicians understand very well. That's useful even if we don't voluntarily adopt more efficient techniques. Unfortunately, while that would likely defend our spectrum, we could get a bedlam like the current 27 MHz situation. That spectrum is as safe as can be, no politician would dare touch it, but it isn't of very high utility because they are locked into an inefficient technique by regulation. They cannot innovate, that's forbidden, and they can't even adopt the innovations of others, because that's forbidden too.

Perhaps I have more faith in amateurs than some of the code test proponents, because I believe we would embrace better techniques, rather than degenerate into a bedlam, if we grow the service. The amateur service has a history of innovation, and a record of being first adopters. In fact our regulations *encourage*, almost mandate, that we do so. Sometimes it seems we need a kick in the pants to do so, but I think our love of new gadgets will overcome our inertia if put to the test.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4056. Re: 4-5 kw Generator Recommendations??

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep29.155246.8749@ke4zv.atl.ga.us>
Source record: 215858

In article <52l0c1$7eu@nadine.teleport.com> w7el@teleport.com (Roy Lewallen) writes:
>In article <1996Sep27.181857.29190@ke4zv.atl.ga.us>,
> gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>>. . .
>>Our broadcast group operates 92 generator equipped vehicles.
>>. . .
>>Being in TV news use, these vehicles spend a good amount of time
>>in disaster areas, particularly the satellite trucks. They routinely
>>chase hurricanes, go to the site of tornado damage, aircraft crashes,
>>etc.
>>. . .
>>Gary
>>--
>>Gary Coffman KE4ZV | You make it, | Due to provider problems
>>Destructive Testing Systems | we break it. | with previous uucp >addresses
>>534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
>>Lawrenceville, GA 30244 | |
>
>That must really go over great at an aircraft crash site or tornado damage site
>-- all the trucks painted with big letters saying "You make it, we break it.
>Guaranteed!"

Worse, they say "TV News" on them. :-)

DTS is a separate entity, not connected with my broadcast work.
I don't post my broadcast affiliation because I don't want to
appear to speak for them. I speak for DTS since I own it outright.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4057. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Sep29.164843.9052@ke4zv.atl.ga.us>
Source record: 215859
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <52lq47$qsi@lehi.kuentos.guam.net> pacrimgolf@kuentos.guam.net writes:
[snip]
>We are perfectly content for you to stay on 2 meters. We have plenty of
>other people to talk to on HF. Hoop jumping is not mandatory. It's optional.
[snip]
>That's just the way it is. It's da rules.
>
>73, Jim KH2D

Not that long ago, "da rules" said "coloreds to the back of the bus".
"That's just the way it was." Sure, it was "optional", coloreds didn't have
to ride in the back of the bus. They could walk. But some people decided
that "da rules" weren't reasonable rules, so they agitated for change.
Eventually, change happened.

Note, I am not equating the code testing debate to the Civil Rights
struggle. The two issues are not parallel, nor of anywhere near equal
importance. All I'm trying to highlight here is the ideas of "that's
the way it is" and "it's da rules" is the same sort of thinking
applied by those having government force on their side at the time
in both cases.

I'd also caution that over-reaction can occur when large amounts
of pressure have to be brought to bear to reshape the rules. This
isn't good either, because one set of unreasonable rules often
get replaced by another set of unreasonable rules in the opposite
direction.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4058. Ohio/Penn DX Bulletin #272

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: kb8nw@barf80.nshore.org
Message-ID: <$opdx.272.1996@ampr.org>
Source record: 215860
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

SB DX @ WW $OPDX.272
Ohio/Penn DX Bulletin No. 272

The Ohio/Penn Dx PacketCluster
DX Bulletin No. 272
BID: $OPDX.272
September 30, 1996
Editor Tedd Mirgliotta, KB8NW
Provided by BARF-80 BBS Cleveland, Ohio
Online at 216-237-8208 14400/9600/2400/1200/300 8/N/1

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, WU1F, K3TEJ, N5OK, KK6EK, DK7NP, WD8SDL, YV5DTA/W4, DL5IAR, DL9GOA & DX News Letter, EI6FR, G4BUE & the DX News Sheet, LU9AUY, PS7AB, SM0BFJ and TF1MM following DX information.

4U, UNITED NATIONS HQ. 4U51UN (aka 4U1UN) was heard active on 20 meters CW and SSB. This special callsign will be used until the end of October to celebrate the 51st anniversary of the United Nations. QSL ONLY to WB8LFO.

5X, UGANDA. Leif, SM0BFJ, reports that Gus, 5X1D, is active every day between 1730-1800z on 50.150 MHz. He also states Gus is the first station ever to be active from Uganda on 6 meters. QSL 5X1D via SM0BFJ.

ARGENTINA BEACON. Mats, LU9AUY, reports having a part-time beacon (LU9AUY/BCN) active on 28197 kHz running on a TS-870 (10 watts) into a 3 element Cushcraft A3S Yagi at 30 meters. Mats leaves the beam pointed at Europe (somedays to Caribbean and the U.S.). The beacon is active on his weekday afternoons... (as he is working) ... then it goes QRT for normal operation. Mats hopes to receive any reports soon.

A5, BHUTAN. "The DX News Sheet" report A57A was reported on the UK DX Packet Cluster at 2209z, September 18th, on 7001 kHz giving his QSL manager as JH1AJT. There was speculation in 1995 that Zorro, JH1AJT, who was active from A5 in 1994, may be active later in the year.

A6, UNITED ARAB EMIRATES. Don, WB2DND will once again be active from here November 3-8th, from A61AD's QTH. Activity will be on all bands including 160 meters. Don has reportedly shipped a 1000 feet of wire to put up an inverted L and beverage aimed at Europe and North America.

BRYLA NET. BRYLA (PY-YLs Net), which started in July 1975, meets on Wednesdays on 14248 kHz from 1900-2100z. Interested operators gather together with the Brazilian YLs and DXers from around the world so they

can have a chance to make contacts to work for their BRYLA Award. Net controller has been Teresa, PT2TF, who has been sharing the frequency with Alzira/PT2LS, Helt/PY1AIP and Tessy/PS8YL.

C6, BAHAMAS (UPDATE). As reported in OPDX.271, John, K3TEJ, and Ed, WA3WSJ, will be in the Bahamas on Great Abaco Island. They will be there from November 19-26th, to operate CW and SSB on all bands (160-10 meters including WARC bands). During the CQWW CW Contest they will be using C6A/K3TEJ. QSL via K3TEJ.
Meanwhile, the DXNS reports that Mike, W7FKF, will be active October 22-28th, as W7FKF/C6A. Mike will also participate in the CQWW SSB Contest probably as C6AHU, 160-10 meters near the IOTA frequencies. QSL via WJ8C.

CY9, ST. PAUL ISLAND. Weather continues to plaque the CY9AOE operation. Don, VE1AOE, and Ken, VY2RU (VE1RU), orginally planned to leave September 18th for this operation.

FW, WALLIS & FUTUNA ISALNDS. DJ2EH DJ4OI and DL8NBH will be active between October 22nd and November 4th, signing FW/homecalls. Their QSL route will be announced later. They plan to be active on 160-10 meters CW, SSB and RTTY. There will be an emphasis on the WARC bands and the lowbands.

KC6, REP. OF BELAU. Members of the Oklahoma DX Association are returning to Belau. N5CG (KC6GG) and N5OK (KC6OK) will be arriving in Koror on the 12th of October. They will be operating all bands from 10 through 160 meters, including the WARC bands. Operation will be limited to CW and SSB with participation in the CQWW SSB Contest and possibly the CQWW CW Contest. Normal DX operating frequencies will be used. QSL to: Belau DXpedition, Box 88, Morris, OK 74445-0088.

OD, LEBANON. Thor, TF1MM, continues to be active as OD5/TF1MM from Naqoura, South Lebanon. This is the UN headquarters and he has been permitted to use a 16 element Log Periodic. He was heard on 14016 kHz at 1545z and 10103 kHz at 1950z. QSL via 4X4DX.

QSL NEWS AND UPDATES....
Declan, EI6FR, reports all direct QSL requests for the EJ7NET Blasket Island (EU-007, June 1996), which was activated by the WestNet DX Group, were mailed Tuesday morning (September 24th). Only a handful of cards were held because of requests for other operations. These will be answered before the end of the week. All bureau cards will now be made out to all those appearing in the Blasket logs....

Roder, WD8SDL, reports that the CY0AA QSL cards are at the printer. He is hopeful that the cards will be received from the printer in the next week, but whenever they arrive he will get them in the mail ASAP. Please hold off second QSLs until after the first of the year....

RS-12 SATELLITE DX (From WU1F). Joel, WU1F, located in Massachusetts (Grid Square FN42), reports the following stations worked on RS-12 Mode K: GW0DZL, G3KMQ, G3LUW, OZ1AED, VY2RU, V31DE, OZ8ABE, TI5RLI

and DF8TJ. "Looks like there IS DX around" ..... Joel WU1F.

VK0 HEARD ISLAND GATHERING (UPDATE). Bob, KK6EK, reports that the Heard Island team was gathering this past weekend in the San Francisco Bay Area for training and equipment checkout. Also, this was reported to be an open house for all who were interested in meeting the team and seeing one of the shelters that they would be using on Heard Island, complete with radio, computers, galley, and sleeping facilities. The gathering took place on Coast Guard Island, Oakland.
Meanwhile, this week an announcement of the addition of Arno Metzler, OE9AMJ, and Michael Mraz, N6MZ, to the Heard Island team was made. As of this moment the team is:

EA8AFJ Michel Sabatino NP4IW Carlos Nascimento
HB9AHL Willy Rusch OE9AMJ Arno Metzler
JH4RHF Junicho Tanaka ON6TT Peter Casier
KA6W Ted Algren PA3DUU Arie Nugteren
K0IR Ralph Fedor RA3AUU Igor Booklan
K4UEE Bob Allphin VK2TQM David Muller
K9AJ Mike McGirr W6OTC Glenn Vinson
KK6EK Bob Schmieder W8FMG Wes Lamboley
N6EK Bob Fabry WA0PUJ Glenn Johnson
N6MZ Michael Mraz WA3YVN Al Hernandez
9V1YC James Brooks

VP9, BERMUDA. Steve, YV5DTA/W4, will once again be active from here October 6-11th. If he can escape from his work duties, look for him signing YV5DTA/VP9 on the regular DX windows.

ZK1, SOUTH COOK (also North Cook?). The "DX News Letter" reports that Gun, DF4DI, will be on the island from November 2nd for at least five months. Gun will be active as ZK1DI on all nine HF-bands. Gun intends to go to Manihiki Island (North Cook) for a week. Gun's manager is DK1RV.

-=-
OPDX INTERNET SUBSCRIBE/UNSUBSCRIBE REQUEST: opdx-request@nshore.org
OPDX WORLD-WIDE WEB HOME (provided by John, K8YSE):
http://www.en.com/users/k8yse/opdx.html
-=-
Excerpts and distribution of The OPDX Bulletin are granted as long as KB8NW/OPDX/BARF80 receive credit. To contribute DX info, call BARF-80 BBS online at 216-237-8208 14400/9600/2400/1200/300 and leave a message with the Sysop or send InterNet Mail to one of the two following addresses: kb8nw@barf80.nshore.org -or- aq474@cleveland.freenet.edu
- OR - Send a message via packet to KB8NW @ WA8BXN.OH.USA.NA
- OR - Use the VOICE or FAX answering machine at 216-237-8208 which shares the same phone line as BARF-80 BBS using a data/fax/phone switch. To access: 1) Dial Number. 2) Wait for first ring (the second ring should be a false ring from the fax/data switch box) and then dial four quick ones ("1111"). (NOTE: Some FAX machines that send single "BEEPS" every second will not have to do this step.) 3) The phone will pick up and

after the "BEEP" leave your voice message or FAX.

/EXIT

Tedd Mirgliotta KB8NW
InterNet: kb8nw@barf80.nshore.org
Basic Amateur Radio Frequency BBS (BARF-80) +1 216/237-8208
"Totally devoted to Amateur Radio" - 24 Hrs a day 8/N/1 14.4k-300 baud

4059. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <52m9u0$inp@news.Hawaii.Edu>
Source record: 215861
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Cecil Moore <w6rca@worldnet.att.net> wrote:
>Hi Lindsay, most of the people I work with already know ten times
>the amount of theory they need to pass the written tests. It ain't
>exactly rocket science. The only thing standing in the way of a
>massive smartening up of ham radio ranks is that darn CW test. Please
>don't tell me there's always the tech license. Dr Williamson doesn't
>like being a low-class ham and neither do hundreds of other competent
>engineers who have already paid their dues in electronics.

Those *sincerely* interested in doing research on HF don't need an amateur ticket (why would a professional want to be called an "amateur" anyway?). They can surely conduct any and all experiments off the air, and when an on-the-air test needs to be conducted any HF licensee can assist.

Remember, most aircraft designers are not pilots; in particular, those who design spacecraft are not astronauts. The designers of your HF IK&Y rigs aren't necessarily hams.

Maybe you should change your approach towards Williamson - tell him he'll eventually be rich and famous for his HF efforts; don't mention "amateur" radio - the good doctor must cringe at hearing that word.

Jeff KH2PZ (please respect the followup)

4060. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <52md09$lir@news.Hawaii.Edu>
Source record: 215862

gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>I wrote:
>>dana wrote:

>>>Actually, I think the tests should include complex math, too.

>>That's vague. Some folks think all math is complex. Are you speaking

>Like Ohm's Law, hmmm? Oooh that's tough. I remember you demanding
>the tests require applicants to actually demonstrate that they can
>multiply and divide by hand using that heavy duty engineering equation.
>That's *real* tough.

Nope (I was tempted to use a d). Never mentioned Ohm. Never mentioned any particular formula. What I did say is that I'd like to see calculators banned during testing sessions. No "demand" was made. This would insure that the applicant can carry out approximations of roots and exponentiation, too - not just multiplication and division. In case you didn't know, working with the FLC formula, for example, involves more than just * or /.

This would be an easy way to upgrade the theory tests without even changing their content (I'm not saying I'm not in favor of changing their content); requiring that the examinee supply the correct answers himself (rather than using the multiple choice format) would be another easy method of upgrading the present exams.

These are both trivial changes but I believe they'd have a (maybe ever so slight) positive effect in having prospective licensees spend more time with test preparation.

Jeff KH2PZ (this is a policy issue; respect the followup line for a change)

4061. Need help identifying old radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: cgrant@grant.ca
Message-ID: <52m9jr$dcl@bart.rogerswave.ca>
Source record: 215863

Hi All,

A friend asked me about a radio she found in storage. It is a King Quality Neutrodyne K3532 made by King Hinners Radio Co. Buffalo, March 27, 1923. I have not seen it but it sounds like it takes plug in coils. I am not sure if it is a transmitter or a short wave receiver. She thought her grandfather needed a licence for it.

If anyone knows what this is I would appreciate the tip. Please email me at "cgrant@grant.ca".

Thank you very much.

73
Cam
VE3CA

4062. Re: Opinion on callbooks please

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-29 00:00:00 UTC
From: clint.bradford@atdbbs.com
Message-ID: <9609291709134368@atdbbs.com>
Source record: 215864

>>The Radio Amateur Callbook on CD includes the North American and the
>>International Listings.

Their first release was seriously flawed...missing several callsigns
that QRZ! had picked up for several releases of their CD-ROM. I hope
they do better with their new release.

-Clint Bradford, KE6LCS

4063. Re: for Cecil

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: Sam Morse <smorse@usa>
Message-ID: <01bbaf14$5f547d80$204d4486@host.domain.org>
Source record: 215756
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Hello Cecil,

To answer your question:

No, I would not bar any deaf guy from ham radio.
I was ignorant of that problem since you are the
only one mentioning it. All others where whining
that they're incapable of comprehending 4WPM
because of their lack of supernatural talents.

What I'm trying to say is that in an emergency
simple CW Morse might be the only way of
communication. Therefore most of us (I'm not
saying all!) should know code in case
someone was forced to use Morse in
a shipwreck, for instance.

I'm not against FSK either, and I'm definitely pro-digital.
All I'm saying is that there can be situations where
hand-keyed Morse is the only means of getting out!

You're comparing your uP-based FSK decoder to
a transceiver. That wasn't my point. What I was
saying is a one-transistor circuit could operate
as a CW transmitter and receiver in an emergency.

Regards,

(the ghost of) Sam Morse

Cecil Moore <w6rca@worldnet.att.net> wrote in article
<52fqd4$mu5@mtinsc01-mgt.ops.worldnet.att.net>...
> "Sam Morse" <smorse@usa> wrote:
> >If your FSK decoder is simpler than that, AND you can decode
> >the sounds by ear then I'll agree with you.
>
> Please tell me how to decode CW by ear when I'm going
> deaf. Digital modes are ideal for me. I assume you would
> bar deaf people from ham radio because they can't hear CW?
>
> My single-chip FSK decoder is much, much simpler than a
> transceiver and I have 20 microcontrollers in my junkbox
> that can do the decoding for me. If you're not too lazy
> to expend a little effort, I'll teach you how.
>
> 73, Cecil, W6RCA

4064. Re: hamradio-online.com EXCLUSIVE: WA State Eases Proposed Radio Restrictions

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: nrhblack <nrhblack@condate.com>
Message-ID: <01bbaf0d$c7953260$46d6e9ce@nrhblack.mpath.com>
Source record: 215757
Cross-posted to: rec.radio.amateur.misc,wash.general,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

Ham radio is authorized by Federal Law which overrides State law. Ham radio installations do not need to be certified.

Henry Black P.E. KK6JR, G4NOC

Ed Mitchell <vbook@vbook.com> wrote in article <51vols$8ev@kanga.accessone.com>...
> We learned about 10 days ago of a proposed new law in the State of Washington
> that would have required certification of all mobile radio installations by the
> State Patrol. We contacted the State Patrol and our state representative, Brian

4065. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDyKGzE.FJJ@netcom.com>
Source record: 215758

Randolph Kielich (randyk@emf.net) wrote:

: I think everyone has at some point. I keep remembering hearing
: the call sign of N4RH at the FCC and it never dawned on me that he had
: a custom call sign with his first and last name. I guess it came from
: another period in the 70's or 80's when this was done.

Come to think about it, I've already had a vanity callsign. When I was in the Air Force and stationed in Japan, I had KA2JL. Our callsigns were issued to us by 5th Air Force, and we could request specific ones.

Looking at a DXCC prefix list, I don't see the KA prefix so, apparently, they no longer exist. Not sure if it would be possible to request a reissue of that callsign, but it would probably cause more confusion that it's worth.

: It's very understandable and it's a sensitive subject to say the
: least. I keep thinking there must have been more available options for your
: district? Did you ever look at a full list? I had about 500 calls that
: I looked through and it was only by chance that I ran across one that I
: found interesting. BTW, I turned down W6DX as I believed that it was so
: 'loaded' with that high powered hot shot DX'er energy that no matter what
: I did with it I would always have to answer questions about this or that,
: not to mention the more troubling reality of my difficulty with pronouncing
: the letter 'W' since my head injury of three years ago and thus my
: 'attempt' and obtaining a shorter 'W' free call.

I considered trying to get the callsign of a past club member to honor his memory, but that seems to wear better as a club callsign, which we have already. At any rate, I would have asked around at the club before I approached his widow on the matter.

: Not everyone is so stressed. This 'program' has been so long in
: coming and so fraught with fighting between the ARRL & the FCC and then
: the Government shut downs, it's a miracle that it's actually up and running
: after all this time. Just for the record the ARRL wanted the $$ amount to
: be over $100. (can't remember the exact amount). That was a weird twist
: to say the least, I mean custom call signs for the well off ;-$

Another good reason I don't support ARRL unilaterally.

73 de Jim - KF6CR

4066. Re: Alpha Bravo phonetics: the quickie version

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: pardoej@lonnds.ml.com
Message-ID: <DyJrKK.4xp@tigadmin.ml.com>
Source record: 215759
Cross-posted to: alt.usage.english,sci.lang,rec.radio.amateur.misc

In article <3247F91C.72E4@kronos.com>, Larry Krakauer <larryk@kronos.com> writes:
-->Mark Odegard wrote:
-->: I've offered /'keI bEk/, /'kE bEk/, even /'k@ bEk/. This of course is
-->: with a midwesterny-Californian American English "accent".
-->
-->: For those unfamiliar with the version of the IPA we use here on a.u.e,
-->: here's a translation:
-->
-->: [eI] is the "ei" in "eight".
-->: [E] is the "e" in "end".
-->: [@] is the schwa, the "u" in "but".
-->
-->: To this, there is the "w" pronunciation, /'kw@ bEk/ or /'kweI bek/,
-->: and (probably) the one everyone will stigmatize, /'kwi bek/ ([i] is
-->: "long e", as in "queen"), wherever the stress is put.
--> ....
-->: For myself, /'kE bEk/ seems closest to what I do, roughly "keh-beck",
-->: with the first vowel being that in "Ken", "keg", or "kept".
-->
-->In the 4 out of 4 US dictionaries I've looked at, the "w" pronunciation
-->(in one variant or another) is listed as the standard English pronunciation,
-->and some variant of /keI bEk/ is listed as the French.
-->
-->My question is, where does /'kE bEk/ come from? It's not the French
-->pronounciation, because there's an accent aigu over the first "e":
-->
--> In ISO-8859 characters: Qu&#65533;bec
--> ASCII convention: Que'bec
-->
-->Thus the first "e" sound is a French phoneme that doesn't exist in
-->English at all. It's the French version of "ay", as in "day", but
-->it is short and pure, so it's NOT /eI/, the English diphthong version
-->at all. But certainly, if you're trying to mimic the French
-->pronunciation with English phonemes, /keI bEk/ is MUCH better than
-->/kE bEk/. So: where did THAT pronunciation come from?

You seem to have answered your own question. /kE'bEk/ (I've never heard /'kEbek/) is as close as we can get to the French pronunciation using the phonemes of English.

As for your assertion that "/keI bEk/ is MUCH better than /kE bEk/" I strongly disagree. Personally I find it MUCH worse. I wonder what a French-speaker would make of it. (If I try and say

/keI'bEk/ I end up saying /ke'bEk/.)

In the UK the standard pronunciation has always be /kw@'bEk/ or /kwI'bEk/.

When I first heard /kE'bEk/ I assumed that it was some kind of PC-motivated sop to Quebecois national sentiment, adopting a pseduo-French pronunciation rather than the traditional English one. Is this the case or have anglophone Quebeckers always used such a pronunciation.

-- jP --

4067. Re: VK2KFU's List of Notable Amateurs

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: rgs@internet.kraft.com
Message-ID: <52pikd$e32@news.kraft.com>
Source record: 215760
Cross-posted to: aus.radio.amateur.misc,rec.radio.amateur.misc

Dave Horsfall (dave@eram.esi.com.au) wrote:
> VK2KFU's List of Notable Amateurs
>
> Have you worked any of these?
>
> (snip) (snip)
>
> Disputed (some say yes, some say no):
>
> Neil Armstrong, astronaut (but see Edwin)
> Richard Feynman, scientist (SK)
> Samuel F.B. Morse III, W6FZZ, grandson? (SK)
> K2ZCZ, George Patacki, Governor of New York

Heard Pataki on the radio recently. He commented that he was licensed
when he was a youth.

--
****
* Robert G. Schaffrath, N2JTX * Kraft Foods, Inc. *
* (914) 335-2777 * White Plains, NY 10625-0002 *
* mailto:rschaffrath@kraft.com * http://www.rye.kraft.com/rgs.htm *
****

4068. IPS Daily Report - 30 September 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <52pk11$5em@flare.syd.ips.oz.au>
Source record: 215761
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 30/2330Z SEPTEMBER 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE AUSTRALIAN SPACE FORECAST CENTRE
SUMMARY FOR 30 SEPTEMBER AND FORECAST FOR 01 OCTOBER - 03 OCTOBER

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 70/5

GOES satellite data for 29 Sep
Daily Proton Fluence >1 MeV: 9.1E+05
Daily Proton Fluence >10 MeV: 2.1E+04
Daily Electron Fluence >2 MeV: 2.0E+08 (moderate)
X-ray background: A1.8
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
01 Oct 02 Oct 03 Oct
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 01 Oct: 70/5

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Quiet

Estimated Indices : A K Observed A Index 29 Sep
Learmonth 7 2222 2222
Fredericksburg 6 8
Planetary 5 8

Observed Kp for 29 Sep: 2332 1221

2B. MAGNETIC FORECAST
Date Ap Conditions
01 Oct 18 Active
02 Oct 10 Unsettled
03 Oct 10 Quiet to unsettled
COMMENT: IPS Geomagnetic Warning 11 was issued on 28 September
and is current for interval 30 September to 1 October. Forecast
disturbance has failed to eventuate. There is a chance for active
periods on 01 October if disturbance is "late".

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band
Date Low Middle High
30 Sep Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
01 Oct Normal Normal-fair Fair
02 Oct Normal Normal Fair
03 Oct Normal Normal Normal
COMMENT: Degraded/depressed HF conditions are now not expected
for 01 October.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
30 Sep 3

Observed Australian Regional MUFs:
Darwin: No data.
Townsville: depressed 15% during local day.
Sydney, Hobart: near predicted monthly values.

Predicted Monthly T index for September: 9

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
01 Oct 5 near predicted monthly values
02 Oct 5 near predicted monthly values
03 Oct 5 near predicted monthly values
COMMENT: IPS HF Communications Warning 17 was issued on 28 September
and is current for interval 1 October only. Forecast disturbance
has failed to eventuate. Near normal conditions now expected.
Due to compute problems no data after 16UT. Also, Darwin sounder
has failed.
--
IPS Radio and Space Services | email: asfc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/asfc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
tel: +61 2 94148300 | fax: +61 2 94148331

4069. Re: hamradio-online.com EXCLUSIVE: WA State Eases Proposed Radio Restrictions

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: jsm@n4vu.Atl.GA.US
Message-ID: <DyKInw.Lv8@n4vu.Atl.GA.US>
Source record: 215762
Cross-posted to: rec.radio.amateur.misc,wash.general,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

nrhblack (nrhblack@condate.com) wrote:
: Ham radio is authorized by Federal Law which overrides State law. Ham
: radio installations do not need to be certified.

: Henry Black P.E. KK6JR, G4NOC

Keep in mind that while states do not regulate radio, they most
definitely regulate what you may do while operating your automobile!
Perhaps that's what this is about.
--
John Miller, N4VU My employer pays me handsomely for my
jsm@mindspring.com opinions, and I'll be darned if I'm going to
Fayetteville, GA let any of the good ones escape onto the net!

4070. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: <>
Message-ID: <52pm3h$aq6@news-s01.ca.us.ibm.net>
Source record: 215763

In <52nhie$hmo@emf.emf.net>, randyk@emf.net (Randolph Kielich) writes:
> It's nuts isn't it! I mean you try to figure out how to make it all
>work and then, *Boom*!
>
> I mailed my application on wednesday the 18th. from Berkeley Ca.
>here at 5:30 p.m. This was the last time they came around to empty the
>mailbox in front of the post office. Then I got scared. I thought what
>*if* the damn thing - by some stroke of insanity - got there on friday!
>
> I called the post office and told him of my worries. I was assured
>that it would be next to impossible for it to make it there on friday. I
>agreed and felt relief, not the 100% kind of relief.
>
> Anyhow last night I called my bank and they told me my check to the
>F.C.C. had cleared the bank and I thought, Amen! I am in the 'pipeline'
>at least. Now I read that - if I am understanding this correctly - that it
>is possible to have ones check clear the bank and still be turned away!
>This is 'torture' and a mind '*uck' to say the least, especially after how
>many damn government shutdowns due to scum sucking politicians in D.C.? Yes
>*all* of them.
>
> I was told by the woman at the FCC info number that they were being
>very strict on the date to keep thing 'fair' and I understand this. BTW I
>found both of the women I talked to *very* informed in this area. They knew
>the system in and out and I was told that it might be longer than 3 weeks
>before they got around to issuing Vanity calls (got to be a better title
>for this proceedure).
>
> So I guess it's more anxiety and dread until I determine if mine
>got there too early even with the bank clearing my check. This is really
>double dumb if you ask me. This was one of the few ways the average Joe
>could find out if he or she made it through all the land mines in the
>correct sequence.
>
> _Randy Kielich N6? / N6WDV
>
>--
> "Life is the strangest teacher..."
> ---- Mikhail Gorbachev
>--
>

Your assumption is correct, you don't know unless you find out that your in the
Work in progess file, in which case the vendor cashed your check, and the FCC

tosses your app. FCC is assuming no responsibility for their broken process.

4071. Beat the pile-ups>>Cyberscheds now Available @ sarrio.com

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-3009961807560001@host89.cyberg8t.com>
Source record: 215764

This is a new use of the WWW that can benefit ham radio operators throughout the world.

You can now schedule contacts with hams all over the world simply and easily by using the WWW and e-mail.I have set aside a section of my web site for hams to post their request for over-the-air schedules. Included in the posting is a place to list the posters specific ham radio contact needs (countries, zones,IOTA, grid squares ect...). The postings will also include an e-mail link that will allow hams that read the posts, to easily request an over-the-air schedule.

How Can Cyberscheds work for me?

Do you need a certain state to complete a WAS award? Are you just a few countries away from a DXCC? Are you a QRP operator looking to make contacts with hams all over the world? Are you a DX station that has grown tired of the stateside pile-ups on 20 meters? Or are you going mobile into a hard to work county?

In all the above examples you could have prearranged cyberscheds with those hams that you want to work. If band conditions are poor just e-mail the hams you could not work and set up a new schedule.

Cyberscheds are a simple way to have the internet work to the benefit of hams all over the world.

All posting will stay on-line for 6 months, or until the posting is asked to be deleted. Below is an example of one cyberpost visit the cyberpost page and view them all
---
Station: BV/N0IAT

Name: Joe Fitter
QTH: Taipei, TAIWAN Republic of China
Bands: 40/20/17/15/10
Mode: CW (occasional SSB, but not much)
Comments: Looking for South America, Central America, and Carribean QSO's. I QRV from a
neighbors shack (local law), so operating times are limited to station availability. QSL via my CBA --
I DO NOT accept IRC's or Greenbacks, just please send me your QSL card and a route for returning
the favor.
Post Date: Sept. 6, 1996

Visit http://www.sarrio.com and participate in your first cybersched.
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront and web site developer. Located at http://www.sarrio.com.

In association with Brillar Enterprises http://win-win.com/brillar provider of discount CD-Roms!

4072. Re: French license

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: Malezet <F6FLV@pop.wanadoo.fr>
Message-ID: <52p0aa$jq5@cyan.wanadoo.fr>
Source record: 215765

Re: French license

Connectez vous sur
http://www.fcc.gov/Forms/Form610A/index.html

pour avoir le formulaire pour la licence US.

Jean-Pierre, F6FLV

4073. Weekend HAM RADIO CLASSES

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: Mitch Stern <wb2jsj@vbi.champlain.edu>
Message-ID: <3250BF8F.7054@vbi.champlain.edu>
Source record: 215766

I am offering a series of Weekend Ham Radio Classes designed to prepare students for the Technician Class amateur radio license.
These classes are located in New York and New England.

Classes are 14-16 hours total, spread over 2 or 3 days. Instruction consists of discussion, demonstrations (with live Ham Radios), practice quizzes and (ugh) homework. The combination seems to work, as previous classes have posted a 95% pass rate.

Upon enrolling in the class, I send out a course book and workbook for students to get familiar with the material. Early enrollment is important, as it allows more reading time. At the conclusion of the course, Volunteer Examiners administer the Technician exam.

Available courses:
Oct 4,5,6 (Fri night, Sat morn, Sat night, Sun morn)
Boxboro, MA (New England Ham Radio Convention

Oct 12-13 (Sat-Sun)
Burlington, VT

Oct 26-27 (Sat-Sun)
Albany, NY

Nov 9-10 (Sat-Sun
Manchester, NH

For information and FAQ, access website:
http://www.together.net/~fflynn/weeknd.html or
http://ourworld.compuserve.com/homepages/emayer/class.htm

Help Ham Radio Grow!
73 (best regards)
Mitch WB2JSJ
E-mail: wb2jsj@vbi.champlain.edu
Phone: (802) 879-6589

4074. Re: Vanity call regions

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: Michael Herron <GHURRICANE@gnn.com>
Message-ID: <52qaai$22m@news-e2b.gnn.com>
Source record: 215767

I understand you can pick from the continetal call areas as you wish but not a KH6 KL7 or similar "off shore" call area. All this stuff is available on the ARRL's web pages. Hard to believe people are just starting to ask at this late date about this stuff that has been out for nearly a year now.

4075. Icom IC T7A mods needed

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: chevalm@erols.com
Message-ID: <325095C5.7F24@erols.com>
Source record: 215768

I'm looking for Mars-Cap mods for the Icom IC T7A. Any help would be appreciated. MC

4076. CW Goooooood!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: Michael Herrron <GHURRICANE@gnn.com>
Message-ID: <52qbfn$2bi@news-e2b.gnn.com>
Source record: 215769

Bottom line is that there will allways be us CW ops on the ham bands. If for no other reason than that it is fun, and not so hard to use after you have applied yourself to it to get some speed up to a reasonable clip say 25 to 30 wpm. Iam sure alot of people would rather everything be handed to them like welfare and unemployment but they have little or no real dedication to their plight. They will be here today and gone tomarrow. Allways looking for an easier way to to get something they won't appreciate much in the end anyway. The best thing I've seen happen since no-code is a big increase of quality used VHF ham gear available from those who only have marginal interest in hamming. I bought a almost new FT-5100 for 300 bucks a year ago from such a person and he threw in about another $150 worth of ARRL publications and mobile antennas!!

4077. Correction to Ohio/Penn DX Bulletin #272

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: kb8nw@barf80.nshore.org
Message-ID: <$opdx.272.1.1996@ampr.org>
Source record: 215770
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

```
SB DX @ WW $OPDX.272.1
Ohio/Penn DX Bulletin No. 272.1

The Ohio/Penn Dx PacketCluster
DX Bulletin No. 272.1
BID: $OPDX.272.1
September 30, 1996
Editor Tedd Mirgliotta, KB8NW
Provided by BARF-80 BBS Cleveland, Ohio
Online at 216-237-8208 14400/9600/2400/1200/300 8/N/1

There is a correction to OPDX.272.

Correction:
Under the heading ......

OD, LEBANON. Thor, TF1MM, continues to be active as OD5/TF1MM from
Naqoura, South Lebanon. This is the UN headquarters and he has been
permitted to use a 16 element Log Periodic. He was heard on 14016 kHz
at 1545z and 10103 kHz at 1950z. QSL via 4X4DX.
^^^^^^
|
QSL info was incorrect.
Should be 4Z4DX. (ed. GEE!
I guess my little finger
could not reach the "Z".)
-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-
OPDX INTERNET SUBSCRIBE/UNSUBSCRIBE REQUEST: opdx-request@nshore.org
OPDX WORLD-WIDE WEB HOME (provided by John, K8YSE):
http://www.en.com/users/k8yse/opdx.html
-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-
Excerpts and distribution of The OPDX Bulletin are granted as long as
KB8NW/OPDX/BARF80 receive credit. To contribute DX info, call BARF-80 BBS
online at 216-237-8208 14400/9600/2400/1200/300 and leave a message with
the Sysop or send InterNet Mail to one of the two following addresses:
kb8nw@barf80.nshore.org -or- aq474@cleveland.freenet.edu
- OR - Send a message via packet to KB8NW @ WA8BXN.OH.USA.NA
- OR - Use the VOICE or FAX answering machine at 216-237-8208 which
shares the same phone line as BARF-80 BBS using a data/fax/phone switch.
To access: 1) Dial Number. 2) Wait for first ring (the second ring should
be a false ring from the fax/data switch box) and then dial four quick
ones ("1111"). (NOTE: Some FAX machines that send single "BEEPS" every
second will not have to do this step.) 3) The phone will pick up and
after the "BEEP" leave your voice message or FAX.
```

/EXIT

Tedd Mirgliotta KB8NW
InterNet: kb8nw@barf80.nshore.org
Basic Amateur Radio Frequency BBS (BARF-80) +1 216/237-8208
"Totally devoted to Amateur Radio" - 24 Hrs a day 8/N/1 14.4k-300 baud

4078. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <52npps$30m@news.Hawaii.Edu>
Source record: 215771
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Clay N4AOX <wyn@worldnet.att.net> wrote:
>Gary Coffman wrote:
>> Almost half (44%) of current licensees seem to share my opinion, because
>> they told the ARRL (on its survey) that they *never* use Morse. Of the
>> remaining 56% who do, at least ocasionally, use Morse, we don't know
>> how many find it attractive and how many find it a nuisance that they
>> put up with because counting coup requires them to use it, IE they use
>> it for Dx gaming.

>Have you determined that of the 44% who told the ARRL that they never use
>Morse, how many were HF operators, having had to pass the 13 and 20 wpm

Last week we were told that 82% of us don't use HF. Now 56% of us
do use code. That's an awful lot of non-HF CW.

Don't you just love statistics?

Jeff KH2PZ

4079. Best Hamfest in Canada, November 9th

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: "Christopher Dean (VE3TBP)" <chris@openstore.com>
Message-ID: <32507985.17FD@openstore.com>
Source record: 215772

For Immediate Release in the public domain: permission is granted to freely distribute this information!

HEADLINE
York Region Amateur Radio Club welcomes thousands to Newmarket Ontario, Canada on November 9th!

INFORMATION
Web Site:
http://www.openstore.com/yra

CONTENT
Dubbed "Dayton North", the YRC Hamfest is arguably Canada's premier Amateur Radio Event.

Visitors from all over the world attend this event year after year. Last year, due to the demand for even more parking, we added free shuttle busses from a nearby facility offering virtualy unlimited parking space.

This year we add a fun activity center for children and parents so that this event now becomes a family occasion!

Whether you want to check out the new rigs from the major vendors, are looking for that elusive "boat anchor", or just a few feet of cable and a connector, we have it ALL! If it isn't here, you can't get it in the country!

Talk in on the VE3YRC, Club repeater, 147.225+ covering Lake Simcoe to south of Toronto.

Check out the Web site (click on the York Region Amateur Radio Club display) for more information as it happens
http://www.openstore.com/yra

Join this uniquely Canadian tradition, migrate to Newmarket to start the Canadian winter DX season!

'73 and see you there...
The York Region Amateur Radio Club

4080. Re: Coax cable lenght

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: grhosler1@mmm.com
Message-ID: <52osi1$g26@dawn.mmm.com>
Source record: 215773

Andre Brandao <l42303@alfa.ist.utl.pt> wrote:

>Hi

> I've been a SWL for four years and now I made the exam and I can
>transmit: it's time to put an antenna on the roof of my building so I've
>some questions which I would appreciate you answer me.
> Is a 50 ohm coax cable ok for that? Would there be many losses of
>signal considering the 250ft cable lenght? If afirmative what could I do
>to correct it?
> Is an antenna tuner needed considering that the antenna (dipole) is cut
>to the desired frequency?

> Thank you very much, Andre Brandao, CT2GGD

> **
> * *
> * Andre Brandao *
> * E-mail: l42303@alfa.ist.utl.pt *
> * or acrbb@camoes.rnl.ist.utl.pt *
> * *
> **

In order to answer your question I will have to make the assumtion
that the antenna you are going to feed is an HF antenna and not
VHF/UHF. If this is correct, than I would not worry about the loss
due to the long coax run. Losses in good coax at HF are not very
significant except at 10 Meters. Even on 10M the losses are not
enough to worry about. In order to reduce the losses, use a good
grade of coax such as 9913 or similiar. If the antenna is resonant,
no antenna tuner will be required. The tuner would only serve to add
one more source of loss.

de KN0Z Gary

Opinions expressed herein are my own and may not represent those of my employer.

4081. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: flaherty@pago-pago.pa.dec.com
Message-ID: <52n3m4$nrv@usenet.pa.dec.com>
Source record: 215865
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Bill Sohl (billsohl@planet.net) wrote:

> I side with Carl that cost is not relavent. Also, if you want to make
> it a test as opposed to a random survey of spctrum, then it is
> easy to move far more QSO's via packet than any equivalent
> number of CW QSOs that might fit into the bandwidth the packet
> signal occupied.

Good point; I should have said "real time" QSOs. You get infinite bandwidth with infinite latency.

> Because there just isn't as much HF spectrum Isn't that
> obvious. Many pro-code pundits keep pointing out
> that VHF and above is 99% greater frequency spectrum than
> HF (1%).

And, as you well know, most crowd into 2m, with a few jumping to UHF. The spectrum wars between the weak signal folks and FM simplexers are just the beginning.

> Carl's opinion of what might be is his. The real issue once again
> is for the government to justify why anyone in 1996 should be
> forced to learn CW, a mode that has no support outside the
> amateur spectrum.

Industry has pretty much abandoned HF alltogether for satellites. So as long as we're content to be industrial sheep, I guess it's time to give up on HF? Industry has different needs and different budgets than amateurs.

The issue is: What if we quadruple the number of hams on the HF bands, all using SSB? Since they don't know CW, no suitable alternative exists, and have historically clung to wideband modes, why should we expect anything different to happen?

--
-=Paul Flaherty, N9FZX | "Just name a hero, and I'll prove he's a bum."
->flaherty@pa.dec.com | -- Col. Gregory "Pappy" Boyington

4082. YEASU - FTC-1510

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: GINO.VDS@DEBCOM.BE
Message-ID: <324f2304.39876926@NEWS.BRU.TFI.BE>
Source record: 215866

Hello OM/YL,

I'm searching info about the TX/RX YEASU FTC-1510.
Does anybody have more info about this transceiver.
73's de on1dan
GINO.VDS@DEBCOM.BE

4083. LOUISIANA 6M REPEATER: PLEASE TRY IT (53.03 mhz).

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: dwhowell@iamerica.net
Message-ID: <52n7d0$s10@news1.iamerica.net>
Source record: 215867

Hello,
We have the new 6M Repeater on the Air in Northeast Louisiana.

It is on 53.03 Mhz and the input is 1Mhz down (52.03mhz). It is

installed south of Monroe at 1300feet. Please let us know if you are

able to get into it.

73's
AB5LG@iamerica.net

4084. Re: Need Testing Dates in Phoenix Metro

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <52n924$s6h@cc.iu.net>
Source record: 215868

In <52l60m$4cb@news.asu.edu>, leader@aztec.asu.edu (JUSTIN CARTER) writes:
>
>I would like to find the testing dates in the Phoenix AZ metro area.

check www.arrl.org for a file that has the exams coordinated by the ARRL
(and others if they get the info the league..).

>Also - I called the ARRL 1 800 number for info about HAM radio. They said

good..

>they would send out some info (not being a ham yet), and it should arrive
>in 3-4 wks. I called back two months later, asking about the materials, and
>the person with whom I spoke said if I requested them, then they must have
>been sent - period. Is this typical of ARRL service/treatment?

bad. call again, play dumb. ask for the kit again. if they spot you as someone
who's requested 1 before, then go into that you never got it and would really
really like to have one...maybe someone in the post office wanted to be a
ham radio operator as well...(hey, it's not unheard of - getting copies of QST
and other mags in dogeared form days or weeks after they should have been
there)

>Hopefully I will meet somebody in this hobby who is friendly and helpful.
>Else I will sell the radio I purchased so enthusiastically.

listen, listen, and listen...what kind of radio did you get? we might be able
to steer you into spots where you should hear activity....

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

4085. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <52n97k$s6h@cc.iu.net>
Source record: 215869
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <52lq47$qsi@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net (Jim Kehler) writes:
>
>That's just the way it is. It's da rules.
>
>73, Jim KH2D

slavery used to be in da rulz as well...but no more...

so would a single 5 WPM code test be enough?

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

4086. Any use a VHF/UHF Log Periodic Antenna?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: dwhowell@iamerica.net
Message-ID: <52n7f6$s10@news1.iamerica.net>
Source record: 215870

Hello,
I am interested in hearing from anyone that uses a VHF/UHF Log
Periodic Antenna. If you have used such a antenna, please email me
with your experiences, brand, height, and etc...

Thanks
ab5lg@iamerica.net

4087. CQWW RTTY 1996 MY SCORE

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: hk3sgp@colomsat.NET.co
Message-ID: <199609291742.WAA28582@trauco.colomsat.net.co>
Source record: 215871

Hi All,

This is my first contest in RTTY.

73

SISO - HK3SGP

CQWW RTTY 96
Call used: HK3SGP
Location: 09 HK
Entry Class: Single Op, All Band

Band QSOs Pts QTH DX ZONES
80 0 0 0 0 0
40 59 165 27 14 9
20 122 356 35 23 13
15 176 513 42 23 12
10 2 2 0 1 1
----- ---- ---- ---- ---- -----
Total 359 1036 104 61 35

Score: 207200

Claimed Score: 207200

Power Output: 50 Watts
KENWOOD TS-850S/AT - AEA-232 DSP
Antenna: TH6DXX AND MONOBAND 40MTS
Club Participation:.

FRANCISCO "SISO"HENNESSEY
H K 3 S G P
Home: hk3sgp@colomsat.net.co

==========

FRANCISCO "SISO" HENNESSEY
H K 3 S G P ex. HJ3SGP
P.O.BOX: 50281
SANTAFE DE BOGOTA D.C.
COLOMBIA S.A.
PHONE: 0-11-57-3-2119617
E-MAIL:hk3sgp@colomsat.net.co

////\\\ CQ DX..CQ DX...QRZ QRZ ????
(# #)
----------oOO-(_)-OOo----------

==========

4088. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: flaherty@pago-pago.pa.dec.com
Message-ID: <52ng5f$tbg@usenet.pa.dec.com>
Source record: 215872
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Bill Newkirk (wnewkirk@iu.net) wrote:

> so would a single 5 WPM code test be enough?

Yes. 5 WPM is pretty much the minimum to prove that you can use it, which
in turn is the limit of the government's regulatory interest in seeing that
CW continues until a suitable replacement exists. Anything beyond that
is more of a mastery, and there are probably more important things to master.

--
-=Paul Flaherty, N9FZX | "Just name a hero, and I'll prove he's a bum."
->flaherty@pa.dec.com | -- Col. Gregory "Pappy" Boyington

4089. Re: 2m Wide Open in Florida

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <52nhet$asl@dfw-ixnews8.ix.netcom.com>
Source record: 215873

In <cgreenha.561.324EDBE6@magnus.acs.ohio-state.edu>
cgreenha@magnus.acs.ohio-state.edu (Christopher K. Greenhalgh) writes:
>

>
>Fabricating information (lieing) again Gerald? I never stated the
above was
>not true. Your feeble attempts to discredit me, only show everybody
else what
>kind of person you really are.
>
>>You know you could get a commercial ISP rather than bringing your
>>employer to the table with every stupid post you make.
>
>My ISP policy regarding mt account are just that...my account. OSU
places
>NO limits or personel use restirctions on it. Different than maybe
some other
>.ORG and .EDU accounts, mine is entirely for my own use...no matter
how I see
>fit.
>
>BTW, I already told you that Gerald...but you complained anyway.
>
>>You know like
>>your annoying habit of calling people with whom you disagree liars.
>
>I call no one a liar, that I cant prove...and you sir, are a PROVEN
LIAR.

I am not a liar and I demand that you stop publicly calling me a liar.

>
>>If you slander someone in a public forum then I think they have a
>>perfect right to complain to your ISP.
>
>You can certainly complain all you want Gerald...but those funny
little
>clicks you hear on the phone next time you call, are all the other
office

I have never called any office at OSU all of my corespondence has been
email. I takethis to be your invitation to register my objections to
being called a liar with your ISP. Perhaps a few of the other folks who
you have called a liar will join me.

>personell, picking up the recievers after the guy that takes your call
covers
>the phone and says; "Hey everybody...it that Gerry guy again...pick up
and
>listen for some fun!"
>
>>If you post from your employer's
>>system then that is on your head.
>
>As stated before...the account is a personel one.
>
>>Jerry is just as if not more common than Gerry and I sign every post
I
>>make with Jerry so I think my qoestion is answered.
>
>"Jerry" should have been in quotes, and "qoestion" is spelled
"question".
>
>That just isnt proper english Gerald...now is it? :)
>
>Take care Gerald, and good luck.
>
>
>Christopher K. Greenhalgh, N8WCT
>Computer/Electronic Tech. II at The Ohio State University
>E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
>AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

4090. Re: Req Mods/info FT-50r

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: atla0001@umn.edu
Message-ID: <52nmck$9if@epx.cis.umn.edu>
Source record: 215874

Information on the FT50 is available via the WWW at
http://members.gnn.com/hca/ft50

Victor Krenz <gdt778@freenet.mb.ca> wrote:

> If anyone has any mods, information about expanded TX, and cellular
>for the Yeasu FT-50r duel band handheld please send them to me.

>thanks,
>Serge
>VE4EO
>gdt778@freenet.mb.ca

4091. Re: Answer for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <52od19$9j2@lehi.kuentos.guam.net>
Source record: 215875
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

steve <kd6fyk@wco.com> wrote:

>51.33% of U.S. hams are technicians!

Well, the world is full of under achievers. Why should ham radio be any different ?

73, Jim KH2D

4092. ANARTS RTTY CAST928

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: dave@eram.esi.com.au
Message-ID: <52ocsc$5fn@eram.esi.com.au>
Source record: 215876
Cross-posted to: aus.radio.amateur.misc,rec.radio.amateur.misc,rec.radio.info

[ANARTS - Australian National Amateur Radio Teletype Society]

ANARTS RTTY CAST928

This is the Australian National Amateur Radio Teleprinter Society
with our weekly RTTY broadcast. We transmit on the following times
and frequencies :

3.545 MHz (Plus/minus 5) 0930 UTC VK2CTD (COL
7.045 MHz -3 0030 UTC VK2CTD (COL)
14.070 MHz (amtor/fec) 0030 UTC VK2DPM (ALAN)
14.091 MHz 0030 UTC VK2DPM (ALAN
146.675 MHz 0030/0930 UTC VK2JPA (PAT)
144.850 MHz (ax25 bbs) VK2JPA AT VK2WI
146.675 MHz (rtty mmbbs/repeater) VK2RTY

INTERNET RADIO-INFO-DIST AT UCSD.EDU

CONTEST REMINDER

JUST A NOTE TO REMIND YOU THAT THE CQ/DJ WW DIGITAL CONTEST IS
BEING HELD THIS WEEK.

COLS COLUMN.

PAT VK2JPA IS ON HOLIDAY THIS WEEK, SO I HAVE BEEN GIVEN THE
HONOUR OF COMPILING THE BROADCAST. THE PROPAGATION ON 40 METRES
IS STILL NO BETTER, WHICH IS VERY DISAPPOINTING. AT THE MOMENT
3 OR 4 CALLBACKS IS ALL THAT I AM GETTING. HOWEVER, JOY OF
JOYS THE 80 METRE CAST ON SUNDAY EVENINGS IS DOING MUCH BETTER,
QUITE A FEW STATIONS TAKING PART. THE REGULAR ONES BEING JIM
VK2BQS JOHN VK2BAT VICTOR VK3BVJ AND DAVID VK7KDM, WITH OTHERS
AT VARIOUS TIMES. THKS TO ALL THOSE STATIONS FOR MAKING SUNDAY
EVENINGS A SUCCESS. THE OTHER DAY I DOWNLOADED THE ARRL SOLAR
REPORT, IT CONTAINS INFORMATION REFERENCE THE SUNSPOT ACTIVITY
AND I INCLUDE IT IN THIS CAST.
LAST WEEK I SAID THAT MORE EARLY COMMUNICATIONS WOULD APPEAR IN
THIS WEEKS COLUMN.
TO THIS DATE, I HAVE BEEN DEALING WITH SYSTEMS THAT UTILISED
STATIC ELECTRICITY, WE NOW MOVE ON TO THE GALVANIC TELEGRAPH,
THAT IS A SYSTEM USING AN ELECTRIC CURRENT, A FLOW OF
ELECTRICITY THAT WOLD LAST FOR AN APPRECIABLE TIME RATHER THAN
A MOMENTARY DISCHARGE THAT COULD BE OBTAINED FROM A LEYDEN JAR
(EARLY CAPACITOR). BEFORE DESCRIBING ONE OF THESE SYSTEMS, I

WOULD LIKE TO WRITE A SHORT NOTE ON THE EARLY 'BATTERIES' THAT PROVIDED THE POWER FOR THESE SYSTEMS. THE FIRST GALVANIC TELEGRAPH WILL APPEAR NEXT WEEK. THERE ARE THREE NECESSARY COMPONENTS IN A SUCCESSFUL TELEGRAPH SYSTEM. A TRANSMITTING DEVICE, A MEDIUM PROPAGATING THE SIGNAL AND A RECEIVING DEVICE. ELECTROSTATIC SYSTEMS FAILED IN EACH OF THESE COMPONENTS. FRICTIONAL MACHINES PRODUCE TINY CHARGES OF ELECTRICITY AT VERY HIGH POTENTIALS. UNLESS THERE IS GOOD INSULATION, THE CHARGE LEAKS RAPIDLY AWAY TO EARTH. IN THE FIRST TWENTY YEARS OF THE 19TH CENTURY, TWO ADVANCES IN ELECTRICITY GAVE EXPERIMENTS A MORE RELIABLE SOURCE AMD THE TELEGRAPH WAS TRANSFORMED INTO A USEFUL DEVICE, RATHER THAN A SCIENTIFIC TOY.
THE FIRST ADVANCE WAS THE SUBJECT OF A LETTER TO THE ROYAL SOCIETY IN 1800, IT WAS FROM VOLTA. HE DISCRIBES HIS FAMOUS 'PILE' FROM WHICH A FLOW OF ELECTRICITY LASTED FOR A CONSIDERABLE TIME. VOLTA WAS INSPIRED BY GALVANI'S WORK ON THE MUSCULAR MOVEMENTS OF FROGS. AS WELL MAKING A FROGS LEG MOVE BY A FRICTIONAL MACHINE, GALVANI NOTICED THE LEG WOULD ALSO MOVE WHEN TOUCHED BY SPIKES OF DIFFERENT METALS, SUCH AS COPPER AND IRON. HE CONCLUDED THAT THESE PHENOMENA WERE CAUSED BY 'ANIMAL ELECTRICITY'. VOLTA SHOWED THAT THE PRIMARY CAUSE WAS A SOURCE OF ENERGY AT THE JUNCTION OF DISSIMILAR METALS. IN ORDER TO DEMONSTRATE THIS CLEARLY, VOLTA BUILT UP A PILE OF METAL DISCS. HE LAID A SILVER DISC ON THE TABLE, THEN A ZINC DISC ONE ON TOP OF IT. EACH DISC WAS ABOUT 2 AND A HALF CENTIMETRE IN DIAMETER. OVER THIS HE LAID A DISC OF CARBOARD SOAKED IN WATER OR BRINE. HE CONTINUED THE PROCESS OF LAYING THESE THREE DISCS ON TOP OF EACH OTHER. THE ZINC AND SILVER DISCS IN CONTACT WITH EACH OTHER PROVIDED A CONTINUOUS FLOW OF ELECTRICITY. THIS WAS THE FIRST BATTERY MADING POSSIBLE A WHOLE NEW SERIES OF EXPERIMENTS IN THE INVESTIGATION OF CHEMICAL, HEATING, MAGNETIC AND OF COURSE TELEGRAPHS ETC. ELECTRICAL RESEARCH NOW MOVED FORWARD AT A GREATER PACE.
THE SECOND ADVANCE IN KNOWLEDGE WAS THE DISCOVERY BY OERSTED IN 1820, THAT WHEN A WIRE CARRIES A CURRENT OF ELECTRICITY IT EXERTS A TURNING EFFECT UPON A COMPASS NEEDLE PLACED CLOSE TO AND PARRALLEL TO IT. IT LINKED THE TWO SUBJECTS, MAGNETISM AND ELECTRICITY. IT SHOWED THAT ELECTIC CURRENTS COULD EXERT MECHANICAL FORCE, THUS LAYING THE FOUNDATIONS OF ELECTRICAL ENGINEERING.
THE IMMEDIATE EFFECT ON THE DEVELOPMENT OF THE TELEGRAPH WAS TO PROVIDE, IN THE FORM OF NOTHING MORE COMPLICATED THAN A DEFLECTED COMPASS NEEDLE AS AN INDICATOR OF ELECTRIC CURRENT. AMPERE SUGGESTED A TELEGRAPH USING THIS TECHNIQUE, BUT NEVER BUILT ONE.
NEXT WEEK I SHALL ATTEMPT TO DESCRIBE ONE OF THE EARLY SYSTEMS USING A VOLTAIC PILE, UNTIL THEN 73'S DE COL

IONOSPHERIC REPORT AND FORECAST.

I AM UNABLE TO BRING YOU THE REPORT FROM THE I.P.S. THIS WEEK
HOWEVER AS STATED ABOVE I HAVE THE ARRL SOLAR REPORT IN ITS
PLACE.

QST de W1AW
Propagation Forecast Bulletin 39 ARLP039
>From Tad Cook, KT7H
Seattle, WA September 20, 1996
To all radio amateurs

SB PROP ARL ARLP039
ARLP039 Propagation de KT7H

Solar activity was down again last week. Average Solar Flux was
down about a point, and average sunspot numbers were down about
3.7. Every day except September 12 had no visible sunspots.

The daily solar flux was below the 90 day average of 71 on each
day over the past week.

Solar activity is expected to increase over this week, with
solar flux to peak in the mid 70s around September 24 to 16.
Geomagnetic conditions are expected to peak around September 25
with A indices around 25 and K indices as high as 5.
After October 1 solar flux should drop below 70. Geomagnetic
conditions should get unstable again around October 7 to 13.

The days are growing shorter, and the Fall Equinox will arrive
September 22. Because of less daylight 20 meters is becoming
more of a daylight band.

Sunspot Numbers for September 12 through 18 were 11, 0, 0, 0, 0,
0 and 0, with a mean of 1.6. 10.7 cm flux was 67.8, 67.3, 67.1,
66.4, 68, 69, and 68.9, with a mean of 67.8.

VK2SG RTTY DX NOTES FOR WEEK ENDING SEPT. 20, 1996

Our thanks this week go to: ZS5S, W2JGR, WB2CJL, W5KSI, AA5AU,
DF2KU, DJ2TI, PA0HVF, IK2MRZ, I4MKN, IK1HSR, IK1CJO, IK1QBT,
I5IGQ, I1JQJ, and the 425 DXgang, DJ3IW and the Central Europe
DX Cluster B0SPC, the NJ0M Node of Minnesota, and the IK5PWJ
Cluster.

BANDPASS:
Friday 13
1148-14085 J53KX
1250-14085 UN7GY
1255-14085 5B4/SM0TGG
1336-14086 XT2DP

1608-14081 3V8BB QSL via DK9IP
1751-14088 IS0MVE
1846-14081 5H3LM
1929-14081 CN8MM
1952-14083 HK1LAQ
2029-14083 XT2DP
2031-14082 IS0QDV
2217-14085 VR6MW

Saturday 14
0818-14089 TA2IO
0956-14083 IH9DX IOTA AF-018
0958-14085 OY4TN
1308-14085 WP4Q
1332-14087 4L1BR
1649-14083 EK6OCM
1645-14084 XT2DP
2036-14081 T0OU P. Seborga QSL via DL7CM
2051-14085 5X1T QSL via ON5NT
2056-14085 HK3SGP
2245-14085 PJ2MI

Sunday 15
0752-14085 IQ7CIA Pfx Spl Call MARCONI DAYS
0834-14091 RA2FB
0956-14082 TA2IO
1142-14086 OY4TN
1200-14083 JW2EGA QSL via LA2EGA
1205-14084 LA5QIA IOTA EU-036
1208-14083 OD5SK
1306-14090 EW8OS
1322-14082 HL2XL
1502-14090 5X1T
1640-14085 TT8SP
1837-14084 4X6UO
1841-14083 HK3SGP
2047-14083 HC6IM
2134-14082 YV4CEA

Monday 16
0003-14083 HK3SGP
0659-14087 ZL2GFR
1739-14087 J53KX
1924-14081 5B4/SM0TGG
1930-14084 LA5QIA
2328-14080 VR6MW
2340-14086 OA4BR
2349-14080 XE1CI

Tuesday 17
0034-14082 LU5VC

1203-14085 IA1WER
1207-14084 PJ2MI
1402-14087 RZ3AZ
1625-14082 A92GE
1625-14083 5B4/SM0TGG
1757-14088 GM4ZOA
2009-14083 IS0QDV

Wednesday 18
0316-14083 ZL1HY
1910-14087 5H3LM

Thursday 19
1240-14085 9K2HN
1303-14088 TA2IO
1642-14086 J59KX QSL via DF3KX
1748-14087 EA6RA
1817-14087 XT2DP
Notes of Interest:

5R, MADAGASCAR - For those still needing this one look for Gerard, 5R8EN who will stay there until the middle of October.

ANGOLA, D2 - Alex, PA3DZN states to be active in early October from Luanda for a period of 6 months. Operation will be CW, CW, CW, RTTY, and SSB.

SPECIAL PFX, IY1EY - During the 'LOANO ELETTRA AWARD' to celebrate Marconi's radioelectric experiments on the Elettra ship from 1919 to 1936 on Ligurian Sea, will be on from the 21st to the 29th Septmeber the special prefix IY1EY. Activity on all modes CW/SSB/RTTY all bands. A special QSL card reproducing Marconi's legednary boat 'Elettra' will be issued via IK1QBT, Tony.

The VK2SG RTTY DXNOTES are also available on Internet at reflector digital-dx(at)st.rim.or.jp and the OH2BUA Webcluster at URL http://www.clinet.fi/jukka/webcluster.html.

For next week's bulletin send your bandpass and notes oF interest to Bob, WB2CJL(at)W5KSI.(hash-sign)NOLA.LA.USA.NA .

GL de (DX2) Luciano, I5FLN(at)ZS5S.ZAF.AF .

ARRL DXNOTES

>From ARRL Headquarters
Newington CT September 19, 1996
To all radio amateurs

ARLD043 DX news

This week's bulletin was made possible with info provided by Ted, KB8NW, the OPDX Bulletin, 425 DX News, Martti, OH2BH, and Contest Corral from QST. Thanks to all.

MADAGASCAR, 5R. Jean Michel, F6AJA, is in France after his 5R8FI operation and will have QSL cards printed soon. Jean has the 5R8EN logs up to September 7th, with the 5R8EN/P logs from Nosy Be, and is preparing a short 5R8EN/P story. look for Gerard, 5R8EN, on RTTY until mid October.

UGANDA, 5X. Peter, 5X1T, aka ON6TT, reports he has some windows to work Europe on the RS-12 satellite, between 1900-2000z, for the next couple of days.

ANGOLA, D2. Alex, PA3DZN, expects to be active in early October from Luanda for a minimum of 6 months. He plans to use his TS-50 and R7 on 10 - 40 meters, but a Force-12 C4 beam and a 600W amplifier will be shipped to Luanda as well. For 80 and 160 meters, he will try to install the usual wire antennas. Operation will be on CW, RTTY, and SSB. QSL information ''TO BE ANNOUNCED.''

GUINEA BISSAU, J5. Hans, DK9KX, and Dieter, DJ9ON, members of the Cologne DX Group, are active on 80 to 10 meters, as J59KX and J59ON, respectively. This DXpedition is also joined by Anne, DF3KX. Anne uses a 100 watt transceiver and a R-7000 vertical. Operations will be mostly CW, with SSB and RTTY as well. QSL via home calls.

KH7 CONFUSION. Lee, KH6BZF, reminds amateurs that the FCC has started issuing KH7 licenses to Hawaiian Amateurs. KH7 callsigns have been appearing on the bands in the last week or so. These are NOT Kure Island callsigns.

MYANMAR, XZ. In preparation for the official opening of the Visit Myanmar Year 1996 and the large scale XZ1N amateur radio operation in November, Martti, OH2BH, will be visiting Myanmar on September 21 and 22.

Station XZ2BH will be sporadically on the air on several bands, including the Scandinavian Activity Contest. Equipment includes a Yaesu FT1000MP and the Alpha 89 amplifier.

QSL INFORMATION AND NEWS.

There has been a QSL Manager change in the upcoming ZV0MB and ZV0MV DXpedition. PT2DX was announced earlier as manager, but his address is not in the current callbook. PT2GTI was announced as QSL Manager for the Martim Vaz Island DXpedition. QSLs go to PO Box 09647, BRASILIA, DF, 70001-970.

The Danish QSL Bureau has changed their address to : EDR QSL BUREAU, Klokkestoebervej 11, DK 5230 Odense M., Denmark.

ISLANDS ON THE AIR (IOTA)

FOR THOSE STATIONS INTERESTED IN IOTA, HERE ARE A COUPLE OF IOTA DX SNIPPETS.

>From: Kenneth McCormick <mccormick(AT)ns.sympatico.ca>
>Subject: CY9AOE St.Paul Isl.

As of Tues, Sept 17 the planned Dxpedition to St.PauL Isl.(CY9) is still in the works. We had planned on leaving today and landing on Weds but due to the recent hurricane activity on the east coast of North America, it has been impossible to land on the island because of high seas. If the wx should cooperate we will leave on Weds, Sept 25 by boat and be on the air that evening or the following day. The call for this operation will be CY9AOE and QSL to VE1AOE. Hope to hear you from St. Paul Island. Don VE1AOE and Ken VY2RU (VE1RU).

>From SV1CID(AT)SV1AFA.AGR.GRC.EU

Subject : Insua Island EU-150 DX'pedition.

The Insua Island IOTA EU-150 1996 DX'pedition Story and Photos are now available on the WEB on the next sites:

http://www-dx.deis.unibo.it/htdx/index.html
and
http://www.hamradio-online.com

73 and CU on the next DX'pedition, Jose CT1EEB

COMING EVENTS

SEPTEMBER 28TH-29TH CQ/DJ WW DIGITAL

OCTOBER 19TH-20TH JARTS WW RTTY

Society information

The Society may be contacted at : PO Box 860, Crows Nest 2065 Australia, for such matters as membership and general enquiries. Enquiries can also be made by packet to the President (Col) VK2CTD at VKWI2, or the Secretary (Pat) VK2JPA at VK2WI.

News items may be sent to Broadcast Officer PO Box 60 Blacktown 2148 Australia, or fax to (02) 9672-3392, or by packet to VK2JPA at VK2WI.

Email address for the Broadcast Officer is :

patl(at)pitt.conmusic.su.oz.au

or patl(at)extro.ucc.su.oz.au

73s De Col VK2CTD Acting Broadcast Officer

--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2KFU.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | D8 15 71 F9 26 C8 63 40 5E 63 5C 65 FC A0 22 99

4093. NEW Kenwood unit coming soon?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: Rich Fortnum <fortnum@pints.com>
Message-ID: <324FCF8D.6CF8@pints.com>
Source record: 215877
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap,rec.radio.amateur.misc

New Kenwood base unit due out soon? I was told yesterday by a sales person that there is word out from Kenwood themselves, that there will be a new unit released, with DSP, to replace the TS-450. The model number is not known. It will also retail, apparently under CAN$2000. Not bad, eh? I'll be up for that one.

Anybody have more information?
--

Rich Fortnum (aka BeeRich) fortnum@pints.com VA3 RFZ
F&M Breweries, Guelph, Ontario, Canada
Renaissance Brewers of Fine Ales and Lagers
THE ONTARIO BEER PAGE http://www.pints.com

4094. ? CMOS Super Keyer 3 ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: Malezet <F6FLV@pop.wanadoo.fr>
Message-ID: <52ofup$att@cyan.wanadoo.fr>
Source record: 215878

From QST August 1995 (page 26).

This journal describ a very interresting keyer.

So, do this keyer can do a beacon (or cycling calling
with programmable waiting) ??

If yes, I would like to buy it from France :
What to do : is credit card available ?

Thanks for any answer.

Jean-Pierre, F6FLV@F6KRK.FRPA.FRA.EU (packet)

<F6FLV@wanadoo.fr> (Email internet)

4095. ? CMOS Super Keyer 3 ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: Malezet <F6FLV@pop.wanadoo.fr>
Message-ID: <52ofvt$att@cyan.wanadoo.fr>
Source record: 215879

From QST August 1995 (page 26).

This journal describ a very interresting keyer.

So, do this keyer can do a beacon (or cycling calling
with programmable waiting) ??

If yes, I would like to buy it from France :
What to do : is credit card available ?

Thanks for any answer.

Jean-Pierre, F6FLV@F6KRK.FRPA.FRA.EU (packet)

<F6FLV@wanadoo.fr> (Email internet)

4096. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: prvalko@saturn.acs.oakland.edu
Message-ID: <52og8t$jg8@news2.acs.oakland.edu>
Source record: 215880

Randolph Kielich (randyk@emf.net) wrote:

: Anyhow last night I called my bank and they told me my check to the
: F.C.C. had cleared the bank and I thought, Amen! I am in the 'pipeline'
: at least. Now I read that - if I am understanding this correctly - that it
: is possible to have ones check clear the bank and still be turned away!

Yup. I'd find out what DAY the Mellon Bank deposited or cashed your
check. If it was Friday you may be SOL.

4097. Re: RIP MARS CW

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: Kevin Jessup <kevin.jessup@mail.mei.com>
Message-ID: <324FC1E6.5AA3@mail.mei.com>
Source record: 215881

joseph.buch@dol.net. wrote:

> As of 0000 UTC 1 October 1996 CW is prohibited on
> frequencies controlled by the US Department of Defense
> including MARS frequencies.
>
> Paraphrasing Samuel Morse, "What God hath wrought the DoD
> hath put asunder."

I believe the Luddites had similar words
when the industrial revolution arrived.

-- "Rest enough for the individual man - [but] too
Kevin Jessup much or too soon and we call it Death. But for
software engineer MAN, no rest and no ending. He must go on,
Marquette Medical Systems conquest beyond conquest...and when he has
http://www.mei.com conquered all the depths of space and all the
kevin.jessup@mail.mei.com mysteries of time, still he will be beginning."
PGP encrypted Email preferred -- H.G. Wells, Things To Come

4098. Re: French license

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: gfoley@freenet.columbus.oh.us
Message-ID: <52oh8i$m3k@login.freenet.columbus.oh.us>
Source record: 215882

BRINGER (bringer@lsgbw.hcc.com) wrote:
: Hi everybody and 73,

: I am in the process of relocating to the US (PA) for my company, and was wondering if
: I could get my french lisense accepted and or 'converted' in this country.

: What shall I do, who should I cantact.
: Thanks in advance,

: Pierre-Michel
: F1EQU
: *****

Try ARRL 225 Main St. Newington CT USA (EUA?) 06111

K8EF

--
Gerry

4099. re: question for carl and the no code group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: markl@dove.net.au
Message-ID: <844087232mnewsmarkl@dove.net.au>
Source record: 215883
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

> Hi Carl,
>
> Thanks for clearing that up.
>
> I do believe the majority of hams answering the ARRL survey will come out
> in favor of keeping the morse requirement. Not because we are against
> new and better modes, but because so many hams like to use it. I
> personally thought the survey was loaded toward reducing or eliminating
> the morse test requirement.

I found your response interesting as it implied (to me, anyway) that you must see the removal of the compulsory Morse exam as the death of Morse. Did I interpret this incorrectly, as I can't see that the removal of the exam will have any long term impact on Morse use? Ultimately, amateurs either forget Morse or use it. I suspect that 5 years after the exam is dropped, the ratio of CW to non-CW users would be basically unchanged. Am I too optimistic, do you think?

> Will ham radio still be fun? Yes, as a window on an earlier time, an
> earlier technology, whether you enjoy morse, CLOVER, RTTY, SSB or some
> other mode.
>

Not being into nostalgia, I'd like to think that the developments that are the cutting edge today will be slotted into Amateur Radio tomorrow. As equipment comes off the edge, it becomes available to the resourceful amateur. On the other hand, I guess you are right, AR is always behind the commercial world, but hopefully it will be a sliding window moving to the future, not a static view of a time long past.

Ideally, my future for AR contains some of every facet of radio, new or old.

> 73,
>
> Jim - AD4VL
> .

Regards,
Mark.

4100. IL hamfest/computerfest calendar

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: parnass@bell-labs.com
Message-ID: <52ooh0$2ps@ssbunews.ih.lucent.com>
Source record: 215884
Cross-posted to:
rec.radio.scanner,alt.radio.scanner,sci.electronics.repair,rec.radio.swap,rec.radio.amateur.misc,rec.radio.shortwave

HAMFEST/COMPUTERFEST CALENDAR 1996 - NORTHERN ILLINOIS
last updated September 20, 1996 |

o Please report additions or changes to Bob Parnass, AJ9S, office phone: (708)979-5414, electronic mail: parnass@bell-labs.com. Thanks to Dennis Dale and ARRL for providing some of the information.

SEPTEMBER

September 8 (Sun) - Bolingbrook ARS, Joliet, IL. Info: Ed Weinstein, WD9AYR, 7511 Walnut Ave., Woodridge, IL 60517, tel: 708-759-7005

September 13-15 (Fri, Sat, Sun) - Peoria, IL. ARRL National Convention. Info: Ron Morgan, KB9NW, PO Box 3508, Peoria, IL 61612-3508, tel: 309-694-2649

Sep 21 & 22 (Sat & Sun), Grayslake, IL - Chicago FM Club Radio Expo. Lake County Fairgrounds. Starts 6 AM. Buildings open 8 AM. VEC testing. Info, (708)457-0966. Usually one of the best hamfests in NE IL.

Sep 29 (Sun) - Computer Central, College of DuPage (see notes at the end of this article).

OCTOBER |

Oct 27 (Sun) - Computer Central, College of DuPage (see | notes at the end of this article). |

NOVEMBER |

Nov 24 (Sun) - Computer Central, College of DuPage (see | notes at the end of this article). |

JANUARY 1997 |

Jan 19 (Sun) - Computer Central, College of DuPage (see | notes at the end of this article). |

FEBRUARY 1997 |

Feb 23 (Sun) - Computer Central, College of DuPage (see | notes at the end of this article). |

NOTES - Computer Central shows

Computer Central computer shows are held at the College of DuPAGE, Main Arena of the Physical Education Building Park Blvd & College Road, Glen Ellyn, Il. 708-940-7547. $5 admission with card, normal admission $6.00. Opens 9:30 am - 3:00 pm.

--

==========
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Locate & identify transmitters in your area with RadioMap(tm)

4101. Re: Vanity calls -- someone else eats my pie?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: "Thomas J. Alessi" <Tom@Alessi.Com>
Message-ID: <324FE65E.5942@Alessi.Com>
Source record: 215885

KJ4WH wrote:
>
> Stan Vandiver wrote:
> > One of my "proposed" vanity calls (W4DX) was also issued just before the opening of Gate 2.
>
> Stan, Add me to the W4DX as #1 choice list. I wonder how many of us
> there were?
>
> Gary KJ4WH

I wasn't looking for W4DX but my first choice was also taken during gate 1.
I've been hamming since March 1974 and missed the last vanity opening because
I was only Advanced class. Well, I've had my eye on "K1TA" for 20 years and
it was scooped up by a 6 lander!

If there is a God maybe I'll get my #2 pick. <big grin>

Tom - WB1L
ex: WN1TNK, WA1TNK, KA1ZG.
--

Thomas J. Alessi, 147 Joffre Avenue, Stamford, Connecticut 06905-2933
203.977.5200 * Tom@Alessi.Com * www.discovernet.net/usr/alessi
---

4102. Re: FCC License Processing Time...

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: "Thomas J. Alessi" <Tom@Alessi.Com>
Message-ID: <324FE8D9.26A9@Alessi.Com>
Source record: 215886

Steve Kennedy wrote:
>
> I took my exam at the local FCC field office (1973/74). The tests
> administered by a REAL FCC Field Engineer in the middle of a weekday
> in a large government building. I was the ONLY one there for testing
> (which added to the stress) and I missed my 13wpm code test by this ><
> much!
>
> I waited what seemed like 2 or 3 months to get my ticket in the mail,
> and I have been a (what is now known in Politically Correct terms as a
> "Tech Plus") Technician ever since!
>

I remember the same thing, of sorts. I passed my General 1 year to the
day of getting my Novice (For those who don't remember then you had 2
years
to upgrade or get off the air for a year. No presure there!) This was
May of 1975 and I remember waiting the ENTIRE SUMMER for them to write
my
new ticket (which just changed my WN1 to WA1TNK) I received it 22 1/2
weeks
later in November. Man was that a BAD summer.

Tom - WB1L (hopefully not for very much longer)
<big grin, w/fingers and toes crossed>
--

Thomas J. Alessi, 147 Joffre Avenue, Stamford, Connecticut 06905-2933
203.977.5200 * Tom@Alessi.Com * www.discovernet.net/usr/alessi
----

4103. No-Code Tech Exam in Denver,CO area ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: Phillip Coyle <Phillip.Coyle@Colorado.edu>
Message-ID: <324FF570.474B@Colorado.edu>
Source record: 215887

Does anyone know when the next No-Code Tech exam will be offered in the Denver,CO area ? Are there any websites of local Ham groups ?

4104. Fox Hunt!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: marty@trucom.com
Message-ID: <52oqbj$4ra@thepit.trucom.com>
Source record: 215888
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.antenna

Hello, Folks:

On October 13, 1996 the Eastern Ozarks Amateur Radio Club (EOARC) will sponsor a Fox Hunt in St. Francois County Missouri.

Sign up will be from 1300-1330 at the Mineral Area College parking lot in Park Hills (formerly Flat River) and the Hunt itself will start at 1400.

Entry is _FREE_ but you must register!!

Maps of St. Francois County will be provided.

The Fox will live on 2m FM simplex and the exact frequency will be announced by the Fox at 1400. The Fox will be somewhere in St. Francois County.

Certificates and ribbons will be awarded.

From St. Louis, take Interstate 55 south to US highway 67 south to the Leadington/Park Hills exit then turn left.

From Cape Girardeau, take Interstate 55 north to US Highway 67 south as above.

From Poplar Bluff, take US Highway 67 north to exit as above and turn right.

You may call on the EOARC repeater on 147.030 (+600) for talk-in.

All Amateurs are welcome and encouraged to attend!

Take Care & 73

Marty Albert - marty@trucom.com
Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM

Heartland Internet Services

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Could your business use an extra 40,000,000 customers??
http://www.adgrafix.com/info/calbertjr
****

4105. Re: Cheap Hams

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <52ol9h$hoa@freenet-news.carleton.ca>
Source record: 215889

Drew Durigan (VUBS79A@prodigy.com) writes:

====== snip ======
>>
>>So what Drew? I can go to any .anarchist, .supremicist news groups and
>>find the same prejudicial, blanket garbage.
>>
>>Why spread another's propoganda? Perhaps justify one's own groundless
>>beliefs? Come on Drew, you can do better.
>
>
> I thought it may be of interest to the group of hams that frequent this
> newsgroup, that's all.
>
> If you don't want to "spread propaganda", why are you keeping the thread
> going by responding to it?
>
> -Drew in Sunny Central Florida-
> KF4DDM
>

Notice I've taken your advice and snipped away the propo.

If you don't agree with something you reproduce, disclaim it, otherwise
people will think you are in agreement. If you are not in agreement the
strike my last paragraph.
--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

4106. Re: Travel with toys (electronics)

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: cphillips@pobox.com
Message-ID: <52orr9$a0l@redstone.interpath.net>
Source record: 215890
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

transvox@crl.com (Mark S. Roberts) wrote:
>Andy (andy@buffnet.net) had written:
>| I never have had my radio toys checked, but once a CATV converter
>| was checked.
> I've been pretty lucky with my radio gear and tape recorders over the

>"In a poll conducted last week by the Kansas City Star, 400 respondents were
>asked to rank what they believed Kansas City's image is. No clear image
>emerged, except that Kansas City 'sort of' fits many categories."(15-Sep-1996)

As an outsider, my image of the area is that everything was up-to-date in
Kansas City, and that they're gone about as fer as you can go.

For this reason, perhaps there should be more radio stores in Kansas
City.

========== Opinions expressed are solely those of the author =========
Curt Phillips, CEM KD4YU (ex-WB4LHI) | Motto of the
Engineer/Writer/Hurricane Fran Survivor| Tarheel Scanner/SWL Group:
Chairman, Tarheel Scanner/SWL Group | #1) If it's expensive and
ARRL Life; QCWA; Raleigh ARS; NRA; AEE | electronic, we like it.
==== cphillips@pobox.com === [Copyright 1996 All rights reserved]=====

4107. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: pklein@handel.seattleu.edu
Message-ID: <52p18d$efq@handel.seattleu.edu>
Source record: 215891

A recent exchange, names deleted to protect the "innocent":

>> So I guess it's more anxiety and dread until I determine if mine
>> got there too early even with the bank clearing my check.

>Hey Xxxxx, ever consider getting a life? :-) Ham calls don't
>deserve all that energy.

I decided not to go for a vanity call. When I moved to the Northwest in 1979, I did change my call. I wanted my number to reflect my region. So I went from WA1KTA to KD7MW. I got my Extra in 1984. I could have gotten a 2x1 call, but I didn't like the rhythm of those calls on the air. I did like my present call, and by then a lot of people knew me as KD7MW, so I stuck with it.

When Gate 2 loomed, I toyed with the idea of trying for a 1x2, but decided not to. The only available 1x2 with my current suffix belonged to a deceased ham who I used to handle traffic with in the early '80s--I just wouldn't feel comfortable being known by the call of someone I used to know.

Then it hit me. KD7MW is my ham "name." I've been known by it for 13 years. Why change it? I'm not such a hot shot DXer/contester that one less letter in my call would increase my QSO/millisecond ratio. :-)

Seeing all the stress folks are going through is further evidence I made the right decision. If I currently held a 2x3, I probably would have gone for a vanity call, or taken an Ax7xx Extra 2x2 as a consolation prize. But KD7MW's good enough for me.

73,
Peter - KD7MW

--
Peter A. Klein (pklein@seattleu.edu) : ------==3== --- ---
Network Administrator, LAN/WAN/Novell : | | | | | | | |
Seattle University, 296-5569 : @| @| @| @| @| @| @| @|

4108. Mint IC775DSP for sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: John_Nicholson@lincoln.k12.or.us
Message-ID: <52p5lk$7v6@nadine.teleport.com>
Source record: 215892

Icom IC775DSP for sale. Mint. Divorce forces sale. $2500 firm.
John Nicholson K7FD 1-541-563-6179

--
k7fd@teleport.COM Public Access User -- Not affiliated with Teleport
Public Access UNIX and Internet at (503) 220-1016 (2400-28800, N81)

4109. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: Cecil Moore <Cecil_A_Moore@ccm.ch.intel.com>
Message-ID: <32500A88.4DE7@ccm.ch.intel.com>
Source record: 215893

Randolph Kielich wrote:
> I'll determine what is or is not important to myself in this life
> time and no one else. If I need a 'personal manager' for my life, I'll go
> out and hire one, thank you.

With all that "anxiety and dread" suffering over a ham call at your age,
I was concerned about your health.

73, Cecil, W6RCA (not speaking for my employer)

4110. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <52p3dd$n62@freenet-news.carleton.ca>
Source record: 215894

Jim Kehler (pacrimgolf@kuentos.guam.net) writes:

========== snipped a lot of garbaji ==========
>
> And I know many who do. But they are just as irrelevant to the testing
> requirements as those you know who don't. Doesn't matter who likes
> it or doesn't like it, as long as the FCC thinks we need to take CW tests,
> those of us who want to get on HF will continue to take them.
>
> That's just the way it is. It's da rules.
>
> 73, Jim KH2D

It's DIT rules or DAH rules?

--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

4111. Re: 2m Wide Open in Florida

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: gsparks@ix.netcom.com
Message-ID: <52p3pv$mh7@dfw-ixnews9.ix.netcom.com>
Source record: 215895

In <52gvfs$d4o@usenetw1.news.prodigy.com> VUBS79A@prodigy.com (Drew Durigan) writes:

>Ever hear of PL TONES, Chris? It just so happens that on the repeaters I
>was accessing, the co-channel repeaters all had DIFFERENT TONES on them.
>That's right, Chris...when you set the PL tone on your radio, you only

>bring up the machine with that tone on it, regardless of how many other
>co-channel repeaters you may be able to hit.
>
>Better get out your owners manual and brush up on that section about PL
>TONES, Chris.
>
>-Drew in Sunny Central Floirda-
> KF4DDM
>

I find it hard to believe that you knew for a fact that every repeater you might have been able to hit on an opening were on different PL's.

I'm not familiar with Florida, but in Houston, most of the repeaters do not use tone, so chances are if you were ducting into Texas, you were hitting someone elses repeater.

I do agree with the earlier posts, repeaters are designed for local use, remember when you took your test, local mobile users are to have priority on repeater use.

I've known people to request QSL cards when working a distance station through the repeator, actually the QSL card should go to the repeater trustee, you didn't make contact to anyone but the repeater. When the repeater trustee gets the QSL card if you were being legit about who should get the card, you would probably get a note back asking you not to use the repeater in band openings.

Glenn Sparks KI5GY

4112. SCREW THE CODE!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: ke4htm@bluenet.net
Message-ID: <52o0ju$e5m@clark.zippo.com>
Source record: 215896

Now that I've gotten your attention.
I'm not a code hater, I do not have my morse code and do not plan to get it but I do not hate the code.
The reason I'm writing this is to ask that the sensless war on code stop. By fussing back and forth for years your not doing anything but taking up bandwidth. I mean the ITU and FCC have the final say so on this matter. We can yell and scream and do like in the olden days before black were excepted and talk no-codes and drag them behind cars, or make them stay only on this frequency or band, but when it all comes down to it, only the FCC and ITU can say you must get your code or you must get out of radio. Is it such an issue that we would actually lose sleep over it? Coded hams have there HF bands and us NO-codes have 6 meters and up. We never even have to speak if the coded hams didn't want to.
I'm proud to be a ham. I've run a APRS packet station for about 1 year now and I see no need for HF or code to do this. I'm quite happy. And isn't that way we all get a hobby? to be happy? I would hope so.
So folks let the code war stop. It is not important. We and wasting bandwidth and airspace when we can't change what the FCC and ITU says.
Be kind to your fellow ham. Puttingg him down for being a no-code will not make him get his code any faster.

73's
Jamie - KE4HTM
ke4htm@bluenet.net
http://www.bluenet.net/ke4htm

4113. RE: FREE for the Taking

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: jhardy-k4hav
Message-ID: <324f3942.38459672@snews2.zippo.com>
Source record: 215897

Several days ago I posted an announcement entitled "FREE for the Taking" reference my latest software program to convert and search the FCC Amateur Radio Database that can be downloaded from the FCC FTP Site.

I had done my earlier tests on the large 32MB (zipped) file but did all my later testing with one of the 11 small parts that is broken down by zip code. That is when I added the Date of Birth field to the saved info. For some unknown reason the FCC uses two different DOB formats for the two files. In the large file they use May 5 1939 and in the smaller files they use the "390505" format. If you tried to convert the large file then the DOB will indicate that you are minus 73 years old. At least it converted to a nice age.

I should have tried the program again with the large file but didn't. Now I know "Never Assume Anything". Anyway I have written Version 1.1 which has two DOB conversion routines and it picks the correct one to use. If you have already downloaded V1.0 from my web site then please drop back by and just get the FCC.EXE (V1.1) program file. Also made several other small changes. It is at the end of the web page in a paragraph that starts off with "OPPS...."

The web page URL is http://www.surfsouth.com/~jhardy/fcc.htm

Sorry for any inconvenience. 73, Jim Hardy - K4HAV

4114. Re: Answer for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: steve <kd6fyk@wco.com>
Message-ID: <32501BA0.4C03@wco.com>
Source record: 215898
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Jim Kehler wrote:
>
> steve <kd6fyk@wco.com> wrote:
>
> >51.33% of U.S. hams are technicians!
>
> Well, the world is full of under achievers. Why should ham radio be any
> different ?
>
> 73, Jim KH2Dyou tell me,you always have the answers.
73 steve

4115. Re: question for carl and the no code group

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: Jim Conn <jconn@gte.net>
Message-ID: <325038A9.7099@gte.net>
Source record: 215899
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Mark Little wrote:
>
> I found your response interesting as it implied (to me, anyway) that you
> must see the removal of the compulsory Morse exam as the death of Morse.
> Did I interpret this incorrectly, as I can't see that the removal of the
> exam will have any long term impact on Morse use? Ultimately, amateurs
> either forget Morse or use it. I suspect that 5 years after the exam
> is dropped, the ratio of CW to non-CW users would be basically unchanged.
> Am I too optimistic, do you think?

I think 5 years after the morse requirment is dropped, there will be millions of new hams, 98 percent running exclusively SSB, most with KW or better linears. So yes, the percentage of morse users will be reduced thereby.

I see the removal of the testing requirement as a further lowering of the entrance requirements for ham radio. If the theory and math tests are made more difficult to compensate, then we'll have more engineers and fewer non-technical trades and professions in ham radio, and I don't see that as necessarily a good thing. Besides, why would the tests need stiffening, if the morse test requirement is dropped?

Will morse survive? I think the better question is, will ham radio survive. We gave up an HF band (11M) to satisfy the demand for no-code HF, and look what happened. History has a way of repeating itself. Only time will tell.

>
> Ideally, my future for AR contains some of every facet of radio, new
> or old.

I hope you will enjoy it through all the QRM, when all those millions of new hams get their KW SSB rigs on the air. The only happy people are likely to be the equipment manufacturers, who will become much wealthier.

Regards,

Jim

4116. Re: FCC License Processing Time...

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: Ramon Gandia <rfg@nome.net>
Message-ID: <32501DFC.6B39@nome.net>
Source record: 215900

Thomas J. Alessi wrote:
>
> I remember the same thing, of sorts. I passed my General 1 year to the
> day of getting my Novice (For those who don't remember then you had 2
> years
> to upgrade or get off the air for a year. No presure there!) This was
> May of 1975 and I remember waiting the ENTIRE SUMMER for them to write
> my
> new ticket

In 1959 I became a Novice, and the license term then was 1 year and
you could only get it once in a lifetime. I took and flunked the
General 13 wpm test 7 times due to stress. Finally, a week after
my Novice expired I passed the darn thing. Then waited 2 months
off the air!

Ramon, AL7X <---- my code ability has improved!

4117. Re: for Gary

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: Sam Morse <smorse@usa>
Message-ID: <01bbaf03$e94fbba0$204d4486@host.domain.org>
Source record: 215901
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Gary,

Thank you for your response. I appreciate that you can relate
to the Morse/no Morse question with technical objectivity.

However, I did not mean to say that Morse is some kind
of a mystically unique code. I said that it is the simplest
digital code in a sense that it can be (and have been) used
without much complex equipment, plus it is widely known
around the world.
The idea is hand keying and receiving by ear. I read that
you can pick up RTTY by ear. I'm very much impressed
by that.

But the idea of OOK or FSK if that's what you like, Morse
code hand keyed IS important in an emergency. Suppose
in a shipwreck, etc., you want to build a simple tx. I would
try to build a 1-transistor CW unit or even a spark tx...
You would just open your waterproof suitcase containing
your hi-tec chipsets and instruments that you keep with
yourself at all times.

In response to spread spectrum, I'm aware that the military
uses it. I've been much interested in various SS techniques,
but it is discouraging that the chips are not THAT cheap or
available (I waited a year for Stanford Telecom's chips...)
And the top of everything, check the FCC regulations
about amateur SS. I can only copy 10WPM Morse, but
the code requirement does not bother me a bit, and as
you've noticed, I support code as long as there's a remote
chance that it may save someone's life somewhere.
BUT the SS limitations of FCC kind of choke any amateur
SS experimentation. So if we want to argue about something,
we should argue about that!

Regards,

Sam Morse

Gary Coffman <gary@ke4zv.atl.ga.us> wrote in article
<1996Sep28.022502.1682@ke4zv.atl.ga.us>...
> In article <01bbaa82$81c0fec0$204d4486@ghost.iupui.edu> "Sam Morse"
<smorse@usa> writes:
> >Gary,
> >

> >you forgot that OOK Morse code is the only
> >DIGITAL code that can be received by no other
> >signal processor than a brain. Plus, it's the simplest
> >communication (besides radio, you can use a flashlight,
> >whistle, smoke, you name it!). That can be important
> >in an emergency.
>
> I believe the native Americans used smoke signals without
> knowing Morse, or passing a government test. Fancy that.
> And ancient Romans used heliographs without knowing Morse.
> Whistle signals are as old as warfare. Etc. There is nothing
> mystical about Morse which makes it possess qualities not
> available with other codes.
>
> >Most of us do NOT carry equipment capable of combined
> >FH/PN spread spectrum communication using
> >sophisticated error correction algorithms.
>
> Perhaps you should. The military does. CDMA cellphone
> users do. Silicon is cheap, manhours and spectrum are
> expensive.
>
> >I'd like to see you decode FSK by ear...
>
> As a matter of fact, I can decode RY and my call sign
> by ear when operating RTTY. Of course the speed is
> 60 WPM, and I doubt you could do better with Morse.
> Slow it down to 13 WPM, and it is not significantly
> different to decode RTTY by ear than it is to decode
> Morse by ear. In fact, the first CW was FSK because
> the arc transmitters used to generate CW couldn't
> be keyed on and off, but were shifted between two
> frequencies by the key. Thus the first FSK operators
> *did* copy by ear. Of course what they copied was
> sent *very* slowly by machine standards.
>
> Come back when you can reliably send and receive
> 60 WPM Morse without mechanical aid. Oh, wait,
> did I tell you I'm using Clover now? Come back
> when you can do 470 WPM Morse without mechanical
> aid.
>
> Gary

4118. Re: for Gary

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: little@pecan.enet.dec.com
Message-ID: <52pche$kpn@usenet.pa.dec.com>
Source record: 215902
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <01bbaf03$e94fbba0$204d4486@host.domain.org>
"Sam Morse" <smorse@usa> wrote:

> Gary,
>
> Thank you for your response. I appreciate that you can relate
> to the Morse/no Morse question with technical objectivity.
>
> However, I did not mean to say that Morse is some kind
> of a mystically unique code. I said that it is the simplest
> digital code in a sense that it can be (and have been) used
> without much complex equipment, plus it is widely known
> around the world.
> The idea is hand keying and receiving by ear. I read that
> you can pick up RTTY by ear. I'm very much impressed
> by that.

I'm curious as to why you are impressed? If you slow down
RTTY to the rate most amateurs can copy Morse Code, it
is little different than Morse Code. Perhaps the biggest
difference is that RTTY uses a fixed length code and Morse
Code uses a variable length code.

> But the idea of OOK or FSK if that's what you like, Morse
> code hand keyed IS important in an emergency. Suppose
> in a shipwreck, etc., you want to build a simple tx. I would
> try to build a 1-transistor CW unit or even a spark tx...
> You would just open your waterproof suitcase containing
> your hi-tec chipsets and instruments that you keep with
> yourself at all times.

Bill Sohl has been looking for real life examples of this for some
time with no one offering any. This argument can lead one to
the belief that the national speed limit should be 5 miles/hour.
At that speed, few people if any would die in a traffic accident.
That would save 40-50 thousand lives a year!!!

> I can only copy 10WPM Morse, but
> the code requirement does not bother me a bit, and as
> you've noticed, I support code as long as there's a remote
> chance that it may save someone's life somewhere.

Don't you believe that is a bit extreme? Where is the limit
in terms of what you require or will allow someone to do if
preventing loss of life is the only concern? Do you make it

illegal to sky dive? Requiring every citizen to learn CPR would save thousands more lives than requiring amateurs to learn Morse Code.

> BUT the SS limitations of FCC kind of choke any amateur
> SS experimentation. So if we want to argue about something,
> we should argue about that!

I don't think there is any argument about it, at least none that I've seen put forth in this newsgroup. The current regulations are a bit draconian with repsect to limitations on modulation techniques.

73,
Todd
N9MWB

4119. The Western NC APRS Home Page

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: ke4htm@bluenet.net
Message-ID: <52nv5u$e5m@clark.zippo.com>
Source record: 215903

```
The Western North Carolina APRS Home Page
-----------------------------------------
http://www.bluenet.net/ke4htm

Automatic Packet/Position Reporting System's use has
really started to grow among the amateur radio community.
Over the past few years I've watched APRS really take off.
I was always discouraged, since there was no place to
get the files needed to run APRS or be on packet. So I
thought let's make a APRS page and offer not only APRS files
but other packet programs to. So I did. The page is young
but the files and brand new and the links are the hottest
ham links on the web. Come on by and take a look and drop me
some e-mail to let me know what you think.

73's
Jamie - KE4HTM
```

4120. MorseCode Decoder ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: Keith@unix.asb.com
Message-ID: <DyK9K5.C4G@news2.new-york.net>
Source record: 215904

I have sampled a Morsecode signal from Satellite, but I need someone
to decode it. its in a .WAV file about 190k

Does anyone have the capability to DECODE a .WAV file ?

Thanks,
Keith

|===|
| • Keith@unix.asb.com == SLIP-PPP Internet Address • |
| • Keith@asb.com == BBS Internet Address • |
| • Http://www.asb.com/usr/keith == WWW Page URL Address • |
| • N2NJS@KC2FD.NY.USA.NA == Ham Radio AX25 Packet Address • |
| • 70302,2701 == CompuServe Address • |
| • Knipper@worldnet.att.net == ATT WorldNet Internet Address • |
| • Fknipsch@suffolk.lib.ny.us == My Free Internet Shell Account • |
|=== |

4121. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-09-30 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDyKFHK.AE8@netcom.com>
Source record: 215905

Peter A. Klein (pklein@handel.seattleu.edu) wrote:

: When Gate 2 loomed, I toyed with the idea of trying for a 1x2, but decided
: not to. The only available 1x2 with my current suffix belonged to a
: deceased ham who I used to handle traffic with in the early '80s--I just
: wouldn't feel comfortable being known by the call of someone I used to
: know.

: Then it hit me. KD7MW is my ham "name." I've been known by it for 13
: years. Why change it? I'm not such a hot shot DXer/contester that one
: less letter in my call would increase my QSO/millisecond ratio. :-)

: Seeing all the stress folks are going through is further evidence I made
: the right decision. If I currently held a 2x3, I probably would have gone
: for a vanity call, or taken an Ax7xx Extra 2x2 as a consolation prize.
: But KD7MW's good enough for me.

I'm still on the bubble, as far as getting a vanity callsign. I have my eye on a certain 1x2, but I'm sure all of those will be gone early. Of course, the point is moot until I pass the code part of my Extra. :-)

For that matter, I'm still undecided as to whether to check that box on the 610 form for a callsign change, when I get my Extra.

As an alternative, I might try for an earlier 2x2 callsign, such as a KB6xx. If I had changed my callsign to a 6-land call when the 2x2s first became available, I would have one already. I'd like to get a format that shows my longevity (30 years) as a ham but, as someone pointed out to me in another thread, that point will be up in the air with the vanity callsign program.

As far as the "ham name" issue, you're right. But, in my case, I've been off the HF bands for so long (finally getting on again) that I'm only recognized as KF6CR at the club and on the local repeaters. Plus, a couple of the OTs at the club have already traded their Ax6xx callsigns for prior ones, or those of a deceased relative. There will be a lot of "name changes" before long.

73 de Jim - KF6CR
(AF6CR, maybe?)

4122. Re: hamradio-online.com EXCLUSIVE: WA State Eases Proposed Radio Restrictions

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: kg7fu <kg7fu@rio.com>
Message-ID: <01bbafa6$26f8eba0$818260ce@surf.rio.com>
Source record: 215706
Cross-posted to: rec.radio.amateur.misc,wash.general,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

nrhblack <nrhblack@condate.com> wrote in article =
<01bbaf0d$c7953260$46d6e9ce@nrhblack.mpath.com>...
> Ham radio is authorized by Federal Law which overrides State law. Ham
> radio installations do not need to be certified.

Yes, but local ordinances could very well put safety and vehicle
restrictions to work which only affect the equipment as installed
not the actual operation. I've never seen it at work, but some states
have scanner laws which have been upheld consistently. Same
would be at work here. Washington State, like Washington DC,
likes to find creative new ways to tax it's citizens.

de kg7fu

4123. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: jcraig@morgan.ucs.mun.ca
Message-ID: <52rccd$vu4@coranto.ucs.mun.ca>
Source record: 215707
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

s0@usenet.pa.dec.com> <52791v$3mp@news.ais.net> <529do2$s99@usenet.pa.dec.com>
<529ui5$l9s@news.ais.net> <52ffhl$b00@usenet.pa.dec.com> <52hs0t$gjk@news.ais.net>
<52kju9$6in@usenet.pa.dec.com> <52modo$rui@jupiter.planet.net>
<52n3m4$nrv@usenet.pa.dec.com>

<52pppn$itl@news.ais.net>:
:
Distribution:

Carl Stevenson (carl@ais.net) wrote:
: In <52n3m4$nrv@usenet.pa.dec.com>, flaherty@pago-pago.pa.dec.com (Paul Flaherty) writes:

: Seriously ... you'll have to learn to share ... and adopt/develop new
: modes and techniques for sharing ... the world won't end ... it'll
: actually get better ...

: You CANNOT stay in the past forever ...

So it's wrong to 'force' people to learn CW, but it's fine to
force amateurs to abandon CW for 'new modes'?

What's wrong with HF today? Lots of usage, healthy growth....

: Carl - wa6vse
: carl@ais.net

--
73 Joe VO1NA

4124. Clarification

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: "Lindquist, Rick, KX4V" <elindquist@arrl.org>
Message-ID: <52re2o$5su@mgate.arrl.org>
Source record: 215708
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

Dear Subscribers [newsletter editors please take note):

Our article on the vanity call sign program in The ARRL Letter Update for 9/20/96 was misleading. We should have said: "According to ARRL/VEC Manager Bart Jahnke, KB9NM, the FCC says it won*t grant any applications until all *first-day* applications (electronic or hard-copy) have been received." As stated, this sentence gave the incorrect impression that the FCC was waiting to receive *all* Gate 2 filings before issuing grants. This is certainly not the case, as the article makes clear later.

The FCC continues to enter applications into the computer as they receive them from Pittsburgh, and it will begin to issue grants once all *first-day* receipts have been entered. Applications will be selected randomly for processing, starting with day-one receipts. We'll keep you up-to-date on vanity program news as events dictate.

We apologize for any confusion.

Rick Lindquist, KX4V
The ARRL Letter
ARRL HQ

4125. Re: for Gary

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct1.145434.4730@ke4zv.atl.ga.us>
Source record: 215709
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <01bbaf03$e94fbba0$204d4486@host.domain.org> "Sam Morse" <smorse@usa> writes:
>Gary,
>The idea is hand keying and receiving by ear. I read that
>you can pick up RTTY by ear. I'm very much impressed
>by that.

You shouldn't be. Baudot is a simple uniform code, but each
character still has a distinct sound, just like Morse characters
do. If you can pick out Morse character sounds, you can do the
same with Baudot. The only tricky bit is keeping track of the
FIGS character. Fortunately, almost everyone assumes unshift
on space, so that isn't too big a deal.

Of course as I noted, Baudot RTTY is traditionally done at
a fixed speed of 60 WPM. That's actually an advantage in
the sense that the character sounds are the same from station
to station, and you aren't tempted to break the character
sound down into its individual bits, as those learning Morse
often do. So its easier to learn because you never have the
translation hump to overcome.

Still, it is 60 WPM, so the learning curve is somewhat steep.
As I noted, I can only pick out familiar things, like my call
sign or the RY tuning sequence, by ear. Of course I've never
tried to master Baudot by ear, I've picked up those things
just from long association and without any conscious effort.
The machine does it much better than I could ever hope to
do, so there's no point in bothering to make an effort to
learn it by ear.

>But the idea of OOK or FSK if that's what you like, Morse
>code hand keyed IS important in an emergency. Suppose
>in a shipwreck, etc., you want to build a simple tx. I would
>try to build a 1-transistor CW unit or even a spark tx...
>You would just open your waterproof suitcase containing
>your hi-tec chipsets and instruments that you keep with
>yourself at all times.

Since I am by nature very much an air breathing land dwelling mammal,
the chance I'd find myself shipwrecked is extremely unlikely. But in
that unlikely event I would merely activate the personal ELT attached
to the life jacket I'd be permanently wearing any time I approached
a body of water closely enough to possibly fall in, and just wait
for the next SARSAT pass.

If I were marooned on land somewhere there were electronic components (and didn't have anything better to do), I would expect to find chips mostly, even in consumer gear. But supposing I did find some suitable RF transistors, the likelyhood is that I would also find a speaker of some sort, or earphones, and those make dandy dynamic microphones. That would lead me to make an AM set for 121.5 MHz, and holler for an aircraft passing by. At least I know that frequency will be guarded 24x7 by someone with a working knowledge of English.

If I were to build a Morse transmitter for an amateur band, the odds are I'd attract someone whose "English" was limited to UR RST 599 PSE QSL. And that wouldn't be much help at all. If I were to send QRRR over and over, most hams would just tune on by. Now perhaps if I signed a "rare" Dx call.....then I might attract some stations, but they'd all be jamming each other asking for the QSL route until some Kiocycle Kop told them I must be Slim since I'm not on "the list" so they should ignore me.

If I were to need help, HF was my only option, and the best I could do was spark, I don't think the amateur bands is where I'd operate. I'd pick some high value commercial or military channel and be as obnoxious as possible until they sent someone out to investigate. Any repeating noise pattern would do, though I admit that the old Hudson's Bay Company advice of three quick noises followed by three slower noises, repeated over and over would be a good one. It should be easy enough to rig up a wheel to send that pattern continously.

>In response to spread spectrum, I'm aware that the military
>uses it. I've been much interested in various SS techniques,
>but it is discouraging that the chips are not THAT cheap or
>available (I waited a year for Stanford Telecom's chips...)

Special chipsets are convienent, but you can do SS with more generic parts. It's a bit bulkier, but it isn't that hard. That way is more flexible too.

>And the top of everything, check the FCC regulations
>about amateur SS. I can only copy 10WPM Morse, but
>the code requirement does not bother me a bit, and as
>you've noticed, I support code as long as there's a remote
>chance that it may save someone's life somewhere.
>BUT the SS limitations of FCC kind of choke any amateur
>SS experimentation. So if we want to argue about something,
>we should argue about that!

There is a RM before the Commission right now to liberalize the SS rules. It doesn't go far enough, but it is a step in the right direction. If we are to stay relevant, we must encourage amateurs to move to modern communications methods.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems

Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4126. Re: hamradio-online.com EXCLUSIVE: WA State Eases Proposed Radio Restrictions

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct1.150959.4841@ke4zv.atl.ga.us>
Source record: 215710
Cross-posted to: rec.radio.amateur.misc,wash.general,radio.amateur.policy,rec.radio.scanner,rec.radio.shortwave

In article <01bbaf0d$c7953260$46d6e9ce@nrhblack.mpath.com> "nrhblack"
<nrhblack@condate.com> writes:
>Ham radio is authorized by Federal Law which overrides State law. Ham
>radio installations do not need to be certified.
>
>Henry Black P.E. KK6JR, G4NOC

Irrelevant. State law controls what equipment you may or may not
have in a vehicle.

And BTW, I've edited the newsgroups line to remove the *repeated*
listing of rec.radio.amateur.misc which causes multiple occurances
of these postings. When are you going to get that right when you
generate these spams, Ed?

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4127. Re: question for carl and the no code group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <52rdla$luj@abyss.West.Sun.COM>
Source record: 215711
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <325038A9.7099@gte.net>, Jim Conn <jconn@gte.net> wrote:
>Mark Little wrote:
>>
>> I found your response interesting as it implied (to me, anyway) that you
>> must see the removal of the compulsory Morse exam as the death of Morse.
>> Did I interpret this incorrectly, as I can't see that the removal of the
>> exam will have any long term impact on Morse use? Ultimately, amateurs
>> either forget Morse or use it. I suspect that 5 years after the exam
>> is dropped, the ratio of CW to non-CW users would be basically unchanged.
>> Am I too optimistic, do you think?
>
>I think 5 years after the morse requirment is dropped, there will be
>millions of new hams, 98 percent running exclusively SSB, most with KW or
>better linears. So yes, the percentage of morse users will be reduced
>thereby.

What do you base this predicition on? It is more than five years after
the Morse requirement was dropped from the Technician class license,
there aren't "millions" of new hams (perhaps 150,000), many of
the new hams do use FM, but with "barefoot" radios, very few
appear to run more than 50W.

The use of FM isn't surprising since this is the most common
mode on the bands that Technician licensees have access to.

>I see the removal of the testing requirement as a further lowering of the
>entrance requirements for ham radio. If the theory and math tests are
>made more difficult to compensate, then we'll have more engineers and
>fewer non-technical trades and professions in ham radio, and I don't see
>that as necessarily a good thing. Besides, why would the tests need
>stiffening, if the morse test requirement is dropped?

What exactly is your point here?

>Will morse survive? I think the better question is, will ham radio
>survive. We gave up an HF band (11M) to satisfy the demand for no-code
>HF, and look what happened. History has a way of repeating itself. Only
>time will tell.

Amateur radio didn't give up a band to satisfy the demand for no-code
HF. Amateur radio gave up a band to satisfy the need for a low-cost,
short range, personal communications service. The FCC originally
selected UHF for this service, but the manufacturers just weren't
ready to build cheap UHF FM radios, so they FCC added the 11m
AM service, much more appealing at the time to manufacturers. Because

the FCC can't enforce sunspot cycles, 11m became a popular long-distance
service, but it didn't start out this way.

>> Ideally, my future for AR contains some of every facet of radio, new
>> or old.
>
>I hope you will enjoy it through all the QRM, when all those millions of
>new hams get their KW SSB rigs on the air. The only happy people are
>likely to be the equipment manufacturers, who will become much wealthier.

Once again, where did you get this prediction from? There's no
basis in the amateur service for the doom and gloom.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

4128. Re: for Gary

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <52rfrs$lv9@abyss.West.Sun.COM>
Source record: 215712
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <01bbaf03$e94fbba0$204d4486@host.domain.org>,
Sam Morse <smorse@usa> wrote:
>Gary,
>
>Thank you for your response. I appreciate that you can relate
>to the Morse/no Morse question with technical objectivity.

There are plenty of folks that can do this.

>However, I did not mean to say that Morse is some kind
>of a mystically unique code. I said that it is the simplest
>digital code in a sense that it can be (and have been) used
>without much complex equipment, plus it is widely known
>around the world.
>The idea is hand keying and receiving by ear. I read that
>you can pick up RTTY by ear. I'm very much impressed
>by that.

The simplicity of Morse code is useful, but isn't an advantage in emergencies. The bottom line in an emergency is _how well prepared you are_. If you have no transmitter at all in a time critical emergency, you have no transmitter and the odds that you can construct one at all, much less in time to be of use, are vanishingly small. If you have a transmitter, it really doesn't matter what kind of transmitter it is.

While there's a delightful romantic notion that a lone human can craft up a transmitter and tap out an SOS, this really only exists in the movies.

>But the idea of OOK or FSK if that's what you like, Morse
>code hand keyed IS important in an emergency. Suppose
>in a shipwreck, etc., you want to build a simple tx. I would
>try to build a 1-transistor CW unit or even a spark tx...
>You would just open your waterproof suitcase containing
>your hi-tec chipsets and instruments that you keep with
>yourself at all times.

Let's take the worst case first - you're in a shipwreck in the middle of the night. You barely make it to the lifeboat before the ship goes down in 70 feet of water. You have nothing but a tee shirt and boxer shorts on. How do you build a Morse code transmitter?

OK, now a much better case - your boat takes 15 minutes to sink.
Assuming you don't already have a transmitter of any kind (VHF or
HF), what do you build a transmitter out of? How do you verify
the transmitter is working? How do you adjust the frequency
of the transmitter so your signal isn't lost in the AM BCB or
somesuch?

If you don't have some kind of emergency transmitter to start
with, you're not going to have a transmitter. If you have an
emergency transmitter, you've got a chance. If your emergency
transmitter is capable of automatically calling for help without
human intervention, then you can free one more human to help
with the more important job of getting people into lifeboats
with adequate supplies.

Manual Morse code is just not the mode of choice for an emergency.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

4129. For Todd (was Re: for Gary)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: Sam Morse <smorse@usa>
Message-ID: <01bbafb6$02065a20$204d4486@host.domain.org>
Source record: 215713
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Hello Todd,

> I'm curious as to why you are impressed? If you slow down
> RTTY to the rate most amateurs can copy Morse Code, it
> is little different than Morse Code. Perhaps the biggest
> difference is that RTTY uses a fixed length code and Morse
> Code uses a variable length code.

Because of the speed and the different sounds. BTW variable
length codes are more efficient than fixed length codes if the
probability of the symbols is not equal.

> Bill Sohl has been looking for real life examples of this for some
> time with no one offering any. This argument can lead one to
> the belief that the national speed limit should be 5 miles/hour.
> At that speed, few people if any would die in a traffic accident.
> That would save 40-50 thousand lives a year!!!

No, it does not lead to that argument, because I'm NOT saying
that Morse should be the one-and-only way of communications.
What you're implying is something like this: 5mph is so slow,
so why should we ever drive slower than 50mph? Haven't you
ever been in a situation when 5mph was the fastest you could do?
What if your Porsche was incapable of going slow?
(Not related to the subject: I'm against any kind of NATIONAL speed
limiting)

> Don't you believe that is a bit extreme? Where is the limit
> in terms of what you require or will allow someone to do if
> preventing loss of life is the only concern? Do you make it
> illegal to sky dive? Requiring every citizen to learn CPR would
> save thousands more lives than requiring amateurs to learn
> Morse Code.

It would be extreme if it was so extremely difficult and painful.
Since it's not so, I'm not much worried about that.
Sky divers may kill themselves and that's their problem, not ours.
CPR is a good idea, especially for electrical workers, but, like
you said, for anyone else, too.

>
> > BUT the SS limitations of FCC kind of choke any amateur
> > SS experimentation. So if we want to argue about something,
> > we should argue about that!
>

> I don't think there is any argument about it, at least none that
> I've seen put forth in this newsgroup. The current regulations
> are a bit draconian with repsect to limitations on modulation
> techniques.

This proves that the no-code people are NOT the future bigwigs,
or the restriction on modern communication would bother them
more than the promotion of a simple old code at ridiculously
slow speeds.

Regards,

the spirit of Sam Morse

4130. LOUISIANA 6M REPEATER: PLEASE TRY IT (53.03 mhz).

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: dwhowell@iamerica.net
Message-ID: <52rigp$1fe@news1.iamerica.net>
Source record: 215714

Hello,
We have the new 6M Repeater on the Air in Northeast Louisiana.

It is on 53.03 Mhz and the input is 1Mhz down (52.03mhz). It is

installed south of Monroe at 1300feet. Please let us know if you are

able to get into it.

73's
AB5LG@iamerica.net

4131. Need info on screwdriver antennas

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: Raymond Jeffus <rjeffus@itexas.net>
Message-ID: <01bbafbb$182f0360$2ec616cf@itexas.net>
Source record: 215715

I'm trying to find out from anyone that may have any experience with the HS1000 from High Sierra or the BB3 from TJ Antennas.

Your thoughts on quality, ease of use and durability would be appreciated.

Thanks

Raymond
AC5CP
rjeffus@itexas.net

4132. Trouble with cq-contest reflector

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: radio@copland.udel.edu
Message-ID: <52re1a$dvt@copland.udel.edu>
Source record: 215716

Every time I mail to the cq-contest reflector, it bounces. Annd yet, I get all the postings. Any ideas? Tnx Bob

4133. Help - recharging nicad batteries

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: rcrgs@regcon.syr.servtech.com
Message-ID: <52rltj$7vb@post.servtech.com>
Source record: 215717

Is it okay to keep nicads in the recharger for extended periods of time? I just bought some nicads, and the packing label says "Leave an extra set on charge continuously to insure fresh battery power whenever you need it." I've never heard/read this before. I've always pulled them off charge after 10-14hrs. Any comments? If you can include an email answer, I'd appreciate it. Thanks.

...Robert

Robert G. Strickland KE2WY
rcrgs@regcon.syr.servtech.com
Syracuse, New York

4134. Re: for Gary

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: jbaltz@news.cs.columbia.edu
Message-ID: <52rl1m$6d5@play.cs.columbia.edu>
Source record: 215718

In article <52r7iq$nna@freenet-news.carleton.ca>,
Frank Sved <dg198@FreeNet.Carleton.CA> wrote:
>Jim, CW aside, digital modes are great for computers but what about people?

Great! Digitize voice, pictures, whatever you want!

> Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

//jbaltz
--
jerry b. altzman There is no universe -- P. Halmos +1 212 650 5617
jbaltz@cs.columbia.edu jbaltz@scisun.sci.ccny.cuny.edu KE3ML

4135. Re: question for carl and the no code group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: Jim Conn <jconn@gte.net>
Message-ID: <32518472.262A@gte.net>
Source record: 215719
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Dana Myers wrote:
>
> In article <325038A9.7099@gte.net>, Jim Conn <jconn@gte.net> wrote:
> >Mark Little wrote:
> >>
> >> I found your response interesting as it implied (to me, anyway) that you
> >> must see the removal of the compulsory Morse exam as the death of Morse.
> >> Did I interpret this incorrectly, as I can't see that the removal of the
> >> exam will have any long term impact on Morse use? Ultimately, amateurs
> >> either forget Morse or use it. I suspect that 5 years after the exam
> >> is dropped, the ratio of CW to non-CW users would be basically unchanged.
> >> Am I too optimistic, do you think?
> > >
> >I think 5 years after the morse requirment is dropped, there will be
> >millions of new hams, 98 percent running exclusively SSB, most with KW or
> >better linears. So yes, the percentage of morse users will be reduced
> >thereby.
>
> What do you base this predicition on? It is more than five years after
> the Morse requirement was dropped from the Technician class license,
> there aren't "millions" of new hams (perhaps 150,000), many of
> the new hams do use FM, but with "barefoot" radios, very few
> appear to run more than 50W.
>

It's just my opinion. No more, no less. If you think it would be
different, that would be your opinion, no more, no less.

HF is a different ball game from VHF/UHF, because of it's world wide
capabilities.

> The use of FM isn't surprising since this is the most common
> mode on the bands that Technician licensees have access to.

Most equipment available for HF is SSB, it's easy, it's quick, it's
effective. That's why a lot of people would use it. No particular
significant skill is required.

>
> >I see the removal of the testing requirement as a further lowering of the
> >entrance requirements for ham radio. If the theory and math tests are
> >made more difficult to compensate, then we'll have more engineers and
> >fewer non-technical trades and professions in ham radio, and I don't see
> >that as necessarily a good thing. Besides, why would the tests need
> >stiffening, if the morse test requirement is dropped?

>
> What exactly is your point here?

People often argue that while they would be for dropping the morse requirement, they would be for a stiffening of the written tests, to serve as a barrier against the millions of new hams I mentioned.

>
> >Will morse survive? I think the better question is, will ham radio
> >survive. We gave up an HF band (11M) to satisfy the demand for no-code
> >HF, and look what happened. History has a way of repeating itself. Only
> >time will tell.
>
> Amateur radio didn't give up a band to satisfy the demand for no-code
> HF. Amateur radio gave up a band to satisfy the need for a low-cost,
> short range, personal communications service. The FCC originally
> selected UHF for this service, but the manufacturers just weren't
> ready to build cheap UHF FM radios, so they FCC added the 11m
> AM service, much more appealing at the time to manufacturers. Because
> the FCC can't enforce sunspot cycles, 11m became a popular long-distance
> service, but it didn't start out this way.

There was a great deal of political pressure for such a PCS, because those who wanted it didn't want to learn morse code and theory (I remember it). Because of the hordes of users, the licenses and enforceability overwhelmed the government agency responsible for enforcement, and thus the descent into 11 meter anarchy and chaos.

>
> >> Ideally, my future for AR contains some of every facet of radio, new
> >> or old.
> >
> >I hope you will enjoy it through all the QRM, when all those millions of
> >new hams get their KW SSB rigs on the air. The only happy people are
> >likely to be the equipment manufacturers, who will become much wealthier.
>
> Once again, where did you get this prediction from? There's no
> basis in the amateur service for the doom and gloom.

If there are millions of new hams crowding into the existing HF spectrum, my opinion is, those who are hams now are not going to be very happy. The bands are full of users now! The prediction is my opinion, pure and simple, nothing more. Obiously you have a contrary opinion. I hope you are right.

73,

Jim - AD4VL

4136. Speed writing with Morse code

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: AAEEEDK@snds.com
Message-ID: <32515B5C.2301@snds.com>
Source record: 215720

Does anyone have experience using speed writing or shorthand while copying morse code. I am approaching my handwriting limit as far as code speed (around 25 wpm). I know at real fast speeds words are copied but I would still like to write the message down.

Don Krakauskas
NY9N

email:krak@snds.com

4137. Re: Need help understanding tower lighting

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: ken.thompson@Symbios.COM
Message-ID: <ken.thompson.1399.000CCFD7@Symbios.COM>
Source record: 215721

>In <52cg4r$8ao@hptemp1.cc.umr.edu> sidener@halley.cc.umr.edu (Scott
>Sidener) writes:
>>
>>Hi, I am about to put up a 100 foot freestanding tower on my
>property.

Towers under 200 feet require no lights or markings.

4138. Please, folks...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: oo7@astro.as.utexas.edu
Message-ID: <52ro6e$58v@geraldo.cc.utexas.edu>
Source record: 215722

Please take the Morse code discussions back to r.r.a.policy, that's where they belong. Some of us have heard all these arguments several times over, and I unsubscribed from r.r.a.p. because I had had quite enough of the Morse discussions. I don't want to have to unsubscribe from r.r.a.m. because there are a few interesting posts now and again (I know, this isn't one of them).

Thanks (he said, without much hope) -

Derek AA5BT, G3NMX
oo7@astro.as.utexas.edu

4139. Re: Question about vanity

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: k0hb@hamlink.mn.org
Message-ID: <844168515.AA07374@hamlink.mn.org>
Source record: 215723

Jim KF6CR asked:

>My question: can I apply for a KA6xx 2x2 callsign under......

No. The KA6xx calls are reserved and cannot be assigned.

Jim also said:

>I have held an Advanced class ticket since that class was born,
>in 1968.

The Advanced class ticket is the direct descendent of the
"Class A" license, and was born in 1953, not 1968. All old
Class A holders were grandfathered to Advanced at that time
and a few new Advanced licenses were issued in the 50's. Then
tested ended for that class until the resumption of incentives
in 1968. Holders of the class were renewed, however, so a lot
of folks were Advanced all the way back to 1953.

73, de Hans, K0HB
Liberator of the Blue Smoke, and
Minister of the Fumes of Flux

4140. Re: for Gary

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: Jim Cummings <jcumming@clark.dgim.doc.ca>
Message-ID: <3251A5CC.100D@clark.dgim.doc.ca>
Source record: 215724

Frank Sved wrote:
>
> Jim Cummings (jcumming@clark.dgim.doc.ca) writes:
> >
> >> Regards,
> >>
> >> Sam Morse
> >>
> >
> > 73 and live better digitally
> > Jim, VE3XJ
>
> Jim, CW aside, digital modes are great for computers but what about people?
> --
>
> Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

Aside from the fact that I have a lot of fun using digital modes to yak
with other hams (being able to send graphics and pictures on Clover only
touches the surface), I would suggest that you go to the next packet
group at the Museum of Science and Technology every two months. They
have had a number of demonstrations that blew me away. For example,
the work that VE3PFD is doing with his digitized speech experiements
(imagine, a handheld using AX.25 to send digitized speach), or VE3OSY's
efforts of digital FSTV (its a tad jerky, but amazing nonetheless) Note
that both of these individuals have not undertaken to learn Morse code.

There is a heck of a lot more to amateur radio than to sit down and learn
Morse code.

73 and live better digitally
Jim, VE3XJ

4141. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: Jim Cummings <jcumming@clark.dgim.doc.ca>
Message-ID: <3251A805.1EE@clark.dgim.doc.ca>
Source record: 215725
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Joe Craig wrote:
>

>
> : Seriously ... you'll have to learn to share ... and adopt/develop new
> : modes and techniques for sharing ... the world won't end ... it'll
> : actually get better ...
>
> : You CANNOT stay in the past forever ...
>
> So it's wrong to 'force' people to learn CW, but it's fine to
> force amateurs to abandon CW for 'new modes'?
>

Amateurs have been forced to learn Morse code ever since Marconi was last in St. John's, yet everything was right with the world since that time. On the other hand, Craig interprets that the abolition of Morse code testing as forcing newcomers to use more advanced modes. How drole.

> What's wrong with HF today? Lots of usage, healthy growth....
>
> : Carl - wa6vse
> : carl@ais.net
>
> --
> 73 Joe VO1NA

Just a couple of weeks ago, Craig was complaining that the HF bands were anything but - they were too crowded. It is difficult, if not impossible, to comment when faced with such inconsistencies.

73 and live better digitally
Jim, VE3XJ

4142. Re: Please, folks...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: Mark Brown <kb0pyo@starpoint.net>
Message-ID: <325194AD.334D@starpoint.net>
Source record: 215726

Derek Wills wrote:
> Please take the Morse code discussions back to r.r.a.policy, that's

I second the motion, anybody else tired of this being cross posted?
Mark

4143. WWW Pages

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: asperges@innotts.co.uk
Message-ID: <325e7801.12127549@news.innotts.co.uk>
Source record: 215727
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy

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G4NJH International Pages in the UK
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http://www.innotts.co.uk/~asperges/

Nearly 20,000 visitors to date.

Pages for old and new enthusiasts. Updated for October 96;
SWL, Scanners, Amateurs, Students, Novices, links, narrative;
News, views, contests, Computers and Internet, New QSL project,
RSGB, UKRS, even Burns, Wollaton Park and St George -
Whatever you like .......

Don't miss out!

73 de Jeremy G4NJH, Oct 96
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4144. Re: question for carl and the no code group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <52rsfg$npv@abyss.West.Sun.COM>
Source record: 215728
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <32518472.262A@gte.net>, Jim Conn <jconn@gte.net> wrote:
>Dana Myers wrote:
>>
>> What do you base this predicition on? It is more than five years after
>> the Morse requirement was dropped from the Technician class license,
>> there aren't "millions" of new hams (perhaps 150,000), many of
>> the new hams do use FM, but with "barefoot" radios, very few
>> appear to run more than 50W.
>>
>
>It's just my opinion. No more, no less. If you think it would be
>different, that would be your opinion, no more, no less.
>
>HF is a different ball game from VHF/UHF, because of it's world wide
>capabilities.

Granted, HF offers worldwide communications, but how would that
result in "millions" of new US amateurs when the Technician
change resulted in about 150,000 new US amateurs? The written
requirements for a code free, or 5WPM only, HF license would
undoubtedly be at least as difficult as the current General,
which is more difficult than the requirements for Technician.
This suggests there would be fewer no/slow code HF amateurs
than Technicians. So, maybe HF would have to absorb 150,000
new US amateurs. That isn't millions.

You're right, your opinion is your opinion. However, an opinion
with no basis in reality, or, worse yet, an opinion which is
refuted by reality, is nothing more than wild speculation or
fabrication.

>> >I see the removal of the testing requirement as a further lowering of the
>> >entrance requirements for ham radio. If the theory and math tests are
>> >made more difficult to compensate, then we'll have more engineers and
>> >fewer non-technical trades and professions in ham radio, and I don't see
>> >that as necessarily a good thing. Besides, why would the tests need
>> >stiffening, if the morse test requirement is dropped?
>>
>> What exactly is your point here?
>
>People often argue that while they would be for dropping the morse
>requirement, they would be for a stiffening of the written tests, to
>serve as a barrier against the millions of new hams I mentioned.

Something I've suggested perhaps 50 times is retaining the current
Morse exams but offering written alternatives. Odds are an implementation
of this idea would offer a selection of written exams, each on a
particular topic and approximately as large as the current Advanced
written. Credit for 1(C) would be granted on passing one of these.
So, someone with a good depth of knowledge on a topic like
RF circuit design, Antennas, Space operation, Digital Communications,
Emergency Preparation, etc., would be rewarded the same as Morse
operators.

The issue is not a barrier to keep crowding down - the issue is
is exam requirements that emphasize desirable knowledge in amateur
radio, looking forward to the future.

>> >Will morse survive? I think the better question is, will ham radio
>> >survive. We gave up an HF band (11M) to satisfy the demand for no-code
>> >HF, and look what happened. History has a way of repeating itself. Only
>> >time will tell.
>>
>> Amateur radio didn't give up a band to satisfy the demand for no-code
>> HF. Amateur radio gave up a band to satisfy the need for a low-cost,
>> short range, personal communications service. The FCC originally
>> selected UHF for this service, but the manufacturers just weren't
>> ready to build cheap UHF FM radios, so they FCC added the 11m
>> AM service, much more appealing at the time to manufacturers. Because
>> the FCC can't enforce sunspot cycles, 11m became a popular long-distance
>> service, but it didn't start out this way.
>
>There was a great deal of political pressure for such a PCS, because
>those who wanted it didn't want to learn morse code and theory (I
>remember it). Because of the hordes of users, the licenses and
>enforceability overwhelmed the government agency responsible for
>enforcement, and thus the descent into 11 meter anarchy and chaos.

What? Hey, end users wanted radio communications. Amateurs tend
to think they've got the only answer for radio communications, and
thus view all radio communications as alternatives to amateur radio.
In other words, you're effectively saying "CBers didn't want to
learn Morse code and Theory" because you tend to accept learning
Morse code and Theory as natural pre-requisites for a radio license.
The fact is, the vast majority of CBers I've met know little about
amateur radio and care even less about amateur radio. They want
radios to talk on, and the issue of Morse code doesn't even enter
into it.

>> >> Ideally, my future for AR contains some of every facet of radio, new
>> >> or old.
>> >
>> >I hope you will enjoy it through all the QRM, when all those millions of
>> >new hams get their KW SSB rigs on the air. The only happy people are
>> >likely to be the equipment manufacturers, who will become much wealthier.
>>

>> Once again, where did you get this prediction from? There's no
>> basis in the amateur service for the doom and gloom.
>
>If there are millions of new hams crowding into the existing HF spectrum,
>my opinion is, those who are hams now are not going to be very happy.
>The bands are full of users now! The prediction is my opinion, pure and
>simple, nothing more. Obiously you have a contrary opinion. I hope you
>are right.

Well, I'm trying to base my opinion on what has actually happened in
amateur radio, not some other radio service (i.e., CB). Common sense
suggests that the changes on HF as a result of changing the code requirement
will be much more like the changes on VHF/UHF since 1991. There haven't
been "millions" of new hams, and chaos has not erupted.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

4145. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: Ramon Gandia <rfg@nome.net>
Message-ID: <32510652.6030@nome.net>
Source record: 215729
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Jim Kehler wrote:
>
> >>Doesn't matter who likes
> >>it or doesn't like it, as long as the FCC thinks we need to take CW tests,
> >>those of us who want to get on HF will continue to take them.
> >>
>
> >That's EXACTLY why we're debating the issue here ... because we want to
> >get the rules changed and we're trying to educate people to why they
> >should support that idea ...
>
> OH, I C. This is an EDUCATIONAL process that is going on here. People who
> have NEVER been on HF, and people who have NEVER HAD A HAM TICKET
> are EDUCATING those of us who HAVE been on HF for years about the
> best way to use HF. That sounds like a WONDERFUL idea. Maybe tommorrow
> I'll find someone who has never played golf and ask them to take me to the
> driving range and give me a few lessons.

Hey Jim, I am an Extra too, and a CW man actually. Yet I do favor
getting rid of the code test for the amateur license.

There is a difference between doing away with the code test and
doing away with the CW sub bands. Many modes have sub bands,
like CW, digital, weak signal non-Fm for vhf, etc. etc. Then there
are band plans. All intended so no one steps on another person and
annoy him with voices or squeaks and growls.

I have no objection to doing away with the code test. You will still
find me on 14,005 at 30 wpm. And yes, the no coders could then
learn the code, decide they like the action on 14,005 and jump right
in. This is totally logical and compatible.

Hey, the FCC did *NOT* test my ability to talk into a microphone and
give a speech. They gave me a cw test, and yet allow me to work
voice modes. Does this make sense? It doesn't. Ability to use
a certain mode will determine who uses it and who doesn't. The
sub bands will keep decent folks honest and some order in the bands.

Why don't we embrace the proposal?

I don't like some things Carl says. Its obvious he doesn't like CW,
but he is not proposing doing away with CW, just the test for it.
His motive may be suspect, but his proposal is well thought out. I
like it. I have lots of no code friends. And trust me, they are
all fine hams turned out by the S.P.A.R.C and the VE's, including

me.

A new day is breaking in Amateur radio. A new satellite about to go up. The new solar cycle is starting. Lets stop trying to impose our favorite modes on those that rather operate other modes. I could give squat what yelling goes on in 14,313. I stay on 14,005 where it is civilized. But I don't want to dictate that voice modes should be abolished for any reason (and there are plenty, like wasteful of spectrum space). This is a HOBBY, for enjoyment. Lets get on the enjoyment bandwagon and quit bitching.

I am in favor of doing away with the CW test, not the CW modes or sub bands.

Ramon, Nome, Alaska. AL7X <---see, one of these too!

4146. Any Interest in Baseball Caps Embroidered with Your Call Sign?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: rodd354054@aol.com
Message-ID: <52s53n$ggk@newsbf02.news.aol.com>
Source record: 215730

I have a couple of embroidery stores in some New England malls. Many of our customers have their call signs embroidered on caps. Right now I am trying to figure out which magazines to advertise in. Also input on how much to charge would be appreciated. Typically with shipping our cap prices are about $19.95. Any input you could give me would be appreciated. Thank You. RodD354054@AOL.com

4147. Re: For Todd (was Re: for Gary)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: little@pecan.enet.dec.com
Message-ID: <52s4fs$3qt@usenet.pa.dec.com>
Source record: 215731
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <01bbafb6$02065a20$204d4486@host.domain.org>
"Sam Morse" <smorse@usa> wrote:

> Hello Todd,
>
>> I'm curious as to why you are impressed? If you slow down
>> RTTY to the rate most amateurs can copy Morse Code, it
>> is little different than Morse Code. Perhaps the biggest
>> difference is that RTTY uses a fixed length code and Morse
>> Code uses a variable length code.

> Because of the speed and the different sounds. BTW variable
> length codes are more efficient than fixed length codes if the
> probability of the symbols is not equal.

Yes, I'm familiar with variable length codes, but they are irrelevant
to whether someone can copy slow FSK vesus OOK Morse Code
(which is in effect also FSK.) At the time Baudot and ASCII were
developed, they were optimized for mechanical decoding instead
of software or wetware decoding. They were also designed for
media such as punched cards and paper tape that had fixed length
code fields. Morse Code could have been developed as a fixed
length code, but it was not.

>> Bill Sohl has been looking for real life examples of this for some
>> time with no one offering any. This argument can lead one to
>> the belief that the national speed limit should be 5 miles/hour.
>> At that speed, few people if any would die in a traffic accident.
>> That would save 40-50 thousand lives a year!!!
>
> No, it does not lead to that argument, because I'm NOT saying
> that Morse should be the one-and-only way of communications.
> What you're implying is something like this: 5mph is so slow,
> so why should we ever drive slower than 50mph? Haven't you
> ever been in a situation when 5mph was the fastest you could do?
> What if your Porsche was incapable of going slow?
> (Not related to the subject: I'm against any kind of NATIONAL speed
> limiting)

You are implying that forcing Morse Code knowledge on
people might in some incredibly unusual circumstance
lead to saving a life. I simply contend that inconveniencing
many on the outside chance somone else would benefit
is not appropriate.

>> Don't you believe that is a bit extreme? Where is the limit
>> in terms of what you require or will allow someone to do if
>> preventing loss of life is the only concern? Do you make it
>> illegal to sky dive? Requiring every citizen to learn CPR would
>> save thousands more lives than requiring amateurs to learn
>> Morse Code.

> It would be extreme if it was so extremely difficult and painful.
> Since it's not so, I'm not much worried about that.

Perhaps for you it wasn't, but I think it is pretty presumptuous
of you. I didn't find reaching 13 WPM a terrible ordeal, but
it also isn't something that I'd suggest the government maintain
as a requirement in the odd chance that someone in an emgergency
hammers out 13 WPM of SOS.

> Sky divers may kill themselves and that's their problem, not ours.
> CPR is a good idea, especially for electrical workers, but, like
> you said, for anyone else, too.

If you take the position that the government should encourage
or force people to be in a position to help others, then mandatory
CPR training makes much more sense than mandatory Morse
Code proficiency.

>> > BUT the SS limitations of FCC kind of choke any amateur
>> > SS experimentation. So if we want to argue about something,
>> > we should argue about that!
>>
>> I don't think there is any argument about it, at least none that
>> I've seen put forth in this newsgroup. The current regulations
>> are a bit draconian with repsect to limitations on modulation
>> techniques.
>
> This proves that the no-code people are NOT the future bigwigs,
> or the restriction on modern communication would bother them
> more than the promotion of a simple old code at ridiculously
> slow speeds.

Huh? They bother them immensley, but there is little debate as
the issue is pretty cut and dry. I don't hear amateur advocating
maintaining the current restrictions as I do hear them maintaining
the current Morse Code testing. Just because the issue isn't
contested doesn't mean it isn't significant.

73,
Todd
N9MWB

4148. Re: question for carl and the no code group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: little@pecan.enet.dec.com
Message-ID: <52s5d8$ekq@usenet.pa.dec.com>
Source record: 215732
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <32510B58.C79@nome.net>
Ramon Gandia <rfg@nome.net> wrote:

> What I want to see is all licenses be no-code. Carl proposes just
> one class, I think two would be better (a basic test for limited
> privileges as an entry point, then the full ticket).

I'd go along with this.

> However, the cw sub-bands would be retained (actually created so
> we don't get clobbered by the digital modes as they grow). The
> hams that know code can operate CW or not as they see fit. The
> no coders....some will learn the code on their own and join the
> fun on 14005.

I see no problem with this either. In fact I've always thought it
very peculiar that the only Morse Code only segments in the
FCC rule books are in bands that don't require any Morse Code
knowledge to use. I'd rather see band plans, i.e., voluntary
agreements instead of government enforced, but if they don't
provide the protection Morse Code users need, then let them
have some reserved spectrum.

> While I strongly support doing away with the code test, I most
> vehemently oppose any elimination of the CW mode and sub band
> accomodation for it. This only makes sense.

Haven't seen much opposition to this view except as straw men
produced by serveral pro-code-testing individuals.

73,
Todd
N9MWB

4149. Re: Please, folks...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: bdbennet@ix.netcom.com
Message-ID: <52s4s7$kps@dfw-ixnews7.ix.netcom.com>
Source record: 215733

The motion to "End Discussion of Morse Code on r.r.a.m. " has been moved and seconded, All those in favor say "AYA"

Bob - kg0rj

In <325194AD.334D@starpoint.net> Mark Brown <kb0pyo@starpoint.net> writes:
>
>Derek Wills wrote:
>> Please take the Morse code discussions back to r.r.a.policy, that's
>
>I second the motion, anybody else tired of this being cross posted?
> Mark

4150. 1920s QST Covers

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: jfl@cybercom.net
Message-ID: <52sa9d$6tm@orion.cybercom.net>
Source record: 215734

I've put up about a dozen covers from QST magazines of the 1920s.
http://www.cybercom.net/~jfl/qst.html
- -

http://www.cybercom.net/~jfl

4151. ARLB068 Noel Eaton, VE3CJ, SK

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: w1aw@arrl.org
Message-ID: <$arlb068.1996@arrl.org>
Source record: 215735
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB QST @ ARL $ARLB068
ARLB068 Noel Eaton, VE3CJ, SK

ZCZC AG48
QST de W1AW
ARRL Bulletin 68 ARLB068
From ARRL Headquarters
Newington CT October 1, 1996
To all radio amateurs

SB QST ARL ARLB068
ARLB068 Noel Eaton, VE3CJ, SK

IARU President Emeritus Noel B. Eaton, VE3CJ, of Waterdown, Ontario, Canada, died September 28, 1996. He served as IARU president from 1974 until 1982 and was long active in Amateur Radio. Eaton also served as ARRL Canadian Division Director.

Upon learning of Eaton's passing, IARU Region 2 President Tom Atkins, VE3CDM, called him ''a highly respected and widely known personality in the international Amateur Radio community.''

Services are set for October 9 in Waterdown, Ontario.
NNNN
/EX

4152. IPS Daily Report - 01 October 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <52sata$m1j@flare.syd.ips.oz.au>
Source record: 215736
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 01/2330Z OCTOBER 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE AUSTRALIAN SPACE FORECAST CENTRE
SUMMARY FOR 01 OCTOBER AND FORECAST FOR 02 OCTOBER - 04 OCTOBER

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 70/5

GOES satellite data for 30 Sep
Daily Proton Fluence >1 MeV: 1.0E+06
Daily Proton Fluence >10 MeV: 1.9E+04
Daily Electron Fluence >2 MeV: 2.3E+08 (moderate)
X-ray background: A1.6
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
02 Oct 03 Oct 04 Oct
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 02 Oct: 70/5

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Quiet to unsettled

Estimated Indices : A K Observed A Index 30 Sep
Learmonth 6 2221 1123
Fredericksburg 4 5
Planetary 5 5

Observed Kp for 30 Sep: 0211 2221

2B. MAGNETIC FORECAST
Date Ap Conditions
02 Oct 15 Unsettled to active
03 Oct 8 Quiet to unsettled
04 Oct 5 Quiet to unsettled
COMMENT: Field had mildly disturbed character after 21UT. Active
periods possible today.

3A. GLOBAL HF PROPAGATION SUMMARY

Latitude Band
Date Low Middle High
01 Oct Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
02 Oct Normal Normal Fair
03 Oct Normal Normal Fair
04 Oct Normal Normal Normal
COMMENT: High latitude HF communication may be degraded during
local night tonight.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
01 Oct 1

Observed Australian Regional MUFs:
Darwin: No data.
Townsville: depressed 15% during local day.
Sydney, Hobart: near predicted monthly values.

Predicted Monthly T index for October: 10

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
02 Oct 5 near predicted monthly values
03 Oct 5 near predicted monthly values
04 Oct 5 near predicted monthly values
COMMENT: Degraded HF comms may be experienced during local night
hours tonight.
--
IPS Radio and Space Services | email: asfc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/asfc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
tel: +61 2 94148300 | fax: +61 2 94148331

4153. RE: VANITY CALAMITY

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: joseph barros <jbarros@ici.net>
Message-ID: <32520437.61C0@ici.net>
Source record: 215737

Just found out that all this fuss about getting applications in on the opening day of gate 2 was a BIG waste of time. First in first out doesn't apply. It's a big "lottery" system (as it was described in a WWW page). All info is being entered into a computer and entries will be selected at random and their respective call signs issued. I thought I remember reading that calls were supposed to be issued on a first come first serve basis! But, then again I guess the saying, "I'm from the government and I'm here to help you" applies. NOT!!

4154. Re: for Gary

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: Ramon Gandia <rfg@nome.net>
Message-ID: <3251E2D9.3FE4@nome.net>
Source record: 215738
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Dana Myers wrote:

>
> If you don't have some kind of emergency transmitter to start
> with, you're not going to have a transmitter. If you have an
> emergency transmitter, you've got a chance. If your emergency
> transmitter is capable of automatically calling for help without
> human intervention, then you can free one more human to help
> with the more important job of getting people into lifeboats
> with adequate supplies.

Well, this is not entirely correct. First, a CW transmitter is a very simple device, easily repaired, specially if tube type and/or non-synthesized. Even in regular boating I have encountered bad microphones and the like, or the set sends carrier with no modulation.

If I was a radio officer on a ship, and out of port on the high seas I burnt out an irreplaceable component on a voice transmitter, I am pretty sure that in a day or two I could rig it up to work on CW. In fact, this happens often.

Now, should the boat be sinking, there is a chance to send a CW SOS. With call sign and everything. But if all you have is a voice-only rig, no way to key it, and don't know the code to boot then there is not much of a chance. These are not movie plots, because in 99.99999% of the time when the marine operator rigs up CW only capability, the ship makes an uneventful voyage and the needed spares can be obtained before the next sailing.

Makes a lot of sense for marine operators to have technical knowledge and know CW. However, money has reared its ugly head, and the american shipping firms do not want to pay several union salaries at maybe $70K - $100K each per year, plus benefits etc. So they dreamed up this GMDSS stuff, and are doing away with the morse code in a few years.

The coast guard did it sooner. In the older days, a lot of kids joined the military with ham radio experience, or just running telegraph wires thru the neighborhood. Nobody does that anymore, and it is a lot cheaper to buy ONE or TWO $10,000 radios than pay $300K each year for a properly trained operator. Under GMDSS, anybody (but usually the bridge crew) can get the GMDSS operator license. On board technicians are not required if redundant equipment is carried and an outside company does the maintenance. This is usually the manufacturer if they have a program for the boat to

return non-working gear in exchange for a working one. There is the option to take a GMDSS repair person, instead of spares and/or the maintenance/swap contract, but this person will probably be a $100K union salary. So don't expect to see many of them.

By the way, I am all in favor of NO-CODE testing. It is just that I like CW, am a CW man and would settle for continued c.w. subbands even if the test went all no-code.

Ramon, AL7X, Nome, Alaska

4155. Re: Vanity call regions

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: ken coleman <acoleman@access.eve.net>
Message-ID: <3251E595.7D56@access.eve.net>
Source record: 215739

jerry wang wrote:
>
> A question about Vanity Callsigns... When you pick a callsign, do you
> have to use the region number that you are in? For example, I am in
> California (region 6), so do I have to choose callsigns like K6JKL,
> W6JKL, N6JKL, etc.
> Can I choose other region numbers, like K9JKL, W5JKL, N0JKL, etc..
>
> If you know the answer to this question, please post in this thread so
> others can read it as well.
>
> --
> Jerry H. Wang
> California State University Northridge
> School of Engineering and Computer Science
> Email: jerry.wang@csun.edu
> Web: www.csun.edu/~hbcsc274You can go to other regions, other than Alaska, Hawaii, etc.

4156. Re: Space Shuttle

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: Stan Vandiver <kd9be@pla-net.net>
Message-ID: <32520DCC.1DE9@pla-net.net>
Source record: 215740

Robert E. Garland wrote:
>
> Bob <infosys4u@nfinity.com> writes:
>
> >My kids want to send a message to the space shuttle or MIR, we have a
> >packet station, but don't know what the protocol. Any help appreciated.
> >Tnx
> >Bob KA0CKF
>
> If memory still serves, there was/were an article/articles in QST within
> the last year telling how to do it. If I'm off the mark, try earler issues.
>

MIR operates packet on 145.55 simplex. You need to get a tracking
program so that
you know when to listen for them... they're not always active, or
sometimes they
operate voice instead. If on packet, connect to R0MIR-1 (note: R 'zero'
MIR-1).

Keep your message *SHORT*... not more than 2-3 lines probably. The
reason for this
is that the passes only last about 10 minutes max, and they are
CONSTANTLY being
hit with connect requests from other stations that will interfere with
your ability
to stay connected long enough for the message to get through. It is
best if you
have the message pre-prepared as a text file that you can send quickly
(ie, upload)
once you get connected and send the subject line. A beam antenna might
be helpful,
but isn't necessary... a good omni-directional can also work well.

The space shuttle has no provision for sending a message to it. When
you connect
to it (callsign W5RRR-1), you get the "robot" station that will issue
you a QSO
number and then are immediately disconnected. I've never seen the
astronauts use
packet for "keyboard QSO's"... but I suppose it could happen (don't hold
your breath
waiting for that though!). So the only way to send a message to the
shuttle is to
reach them on voice... and hold them long enough to read it to them. As

with the
MIR, however, it is very difficult to "hold them" for very long because
of the
numerous other stations on the earth trying to call them at the same
time.

Good luck,

Stan/KD9BE (unless I win the callsign lottery in Gate 2!)

4157. Re: VK2KFU's List of Notable

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: forrest.gehrke@cencore.com
Message-ID: <8C9722F.014C000B4B.uuout@cencore.com>
Source record: 215741

DH> OE5AH Anton Hapsburg, former Archduke of Austria (SK)

Dave,
I am looking at a pre-WW II QSL I have from a contact with
OE3AH dated March 7, 1938 from Anton Habsburg, Archduke of
Austria. It is complete with the dual-headed coat of arms
of the Habsburg dynasty.

I don't think he would be known as "former", since that
was his title despite his uncle being deposed in 1918.

Note that the callsign was OE3AH, not OE5AH.

The import of the date of this QSO was his final operation
prior to the "Anschluss" of Hitler's takeover of that
country.

On the back of this QSL, as a teenager, I pasted this
newspaper clipping from a 1938 local paper:

Hapsburg is Reported Held.

Archduke Anton, Ileana's mate, May be Interned.

London, March 19--INS--An Exchange Telegraph dispatch from
Budapest tonight reported that Archduke Anton Hapsburg, husband
of Princess Ileana of Roumania, has been imprisoned in an
Austrian nazi concentration camp.

Princess Ileana, sister of Roumania's King Carol, fled Austria
and took an exile's refuge in Italy, the dispatch quoted Budapest
newspapers as saying.

The arrest and imprisonment of Archduke Anton followed discovery
of a secret radio station in his Sonneberg castle home near
Hollabrunn, according to the dispatch.

Austria's ruling nazis have apparently seized upon Archduke Anton's
long pursued hobby of short wave experimentation as an excuse
to strike at the ancient house of Hapsburg and the monarchist
movement.

The archduke and his brother, Archduke Franz Joseph, for years
worked together in studying and developing radio science. Both
are first cousins of the young Archduke Otto, claimant to the
imperial Hapsburg throne.

//

Interesting story from almost 60 years ago.
Forrest k2bt

* RM 1.3 02583 *

4158. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: tgold@microvst.demon.co.uk
Message-ID: <844179734snz@microvst.demon.co.uk>
Source record: 215742

In article <32511FFF.1FA5@arrl.org>
vec@arrl.org "Bart Jahnke, KB9NM ARRL/VEC" writes:

> Of course that issue is moot now...and the fee is $30 up front, and $30
> or more every ten years.

The ten year anniversary is unlikely to coincide with license
renewal. Does the FCC have the power to revoke licences for which
the vanity fee remains unpaid? Or will the FCC change the call to
one they judge to be less `vain' for free and for no fee at all,
after explaining to congress that such a change costs them money.

This program of rented calls is a can of worms.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

4159. Re: Question: Choice of HAM equipment

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: mwhite@mitre.org
Message-ID: <mwhite-0110961141180001@m14494-mac.mitre.org>
Source record: 215743

Aravind Srinivasan wrote:

> A person I know, a registered Ham user in India, wants to buy ham
> equipment to communicate within 50km in rural India. One problem is
> that the region has some high hills. Could you please let me know if
> which among HF, UHF or VHF (for base station and mobile transceiver) would
> be appropriate for this purpose? Would repeaters be necessary? Any
> information will be appreciated.

If he can put a repeater on top of one of those high hills, then VHF or
UHF FM is the way to go. If not, HF/SSB on the 80 meter band will probably
work reasonably well via groundwave.

Mike, N4PDY

--
mwhite@mitre.org

My opinions are my own, not my employer's.

4160. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <52rt36$m1q@news.Hawaii.Edu>
Source record: 215744

Cecil Moore <Cecil_A_Moore@ccm.ch.intel.com> wrote:
>Randolph Kielich wrote:

>> I'll determine what is or is not important to myself in this life
>> time and no one else. If I need a 'personal manager' for my life, I'll go
>> out and hire one, thank you.

>With all that "anxiety and dread" suffering over a ham call at your age,
>I was concerned about your health.
>73, Cecil, W6RCA (not speaking for my employer)

Not fair, Cec. You got your vanity callsign when Gate 1 opened. That gate was non-stressful for you since you knew you were going to get what you'd requested. But poor Randy - he can't sleep at night worrying, his wife left him, and his dog bit him. Give him some sympathy.

Jeff KH2PZ / KH6

4161. Re: 2m Wide Open in Florida

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: cgreenha@magnus.acs.ohio-state.edu
Message-ID: <cgreenha.567.3250643B@magnus.acs.ohio-state.edu>
Source record: 215774

In article <52nhet$asl@dfw-ixnews8.ix.netcom.com> kc5egg@ix.netcom.com(Gerald Schmitt) writes:

>I am not a liar and I demand that you stop publicly calling me a liar.

If I catch you lieing, I reserve the right to say it.

I am prepared to prove everything I say.

>I have never called any office at OSU all of my corespondence has been
>email.

I stand corrected.

>I takethis to be your invitation to register my objections to
>being called a liar with your ISP.

I have never invited you to do anything Gerald.

>Perhaps a few of the other folks who
>you have called a liar will join me.

As stated, I am prepared to prove evrything I say, or have said.

Take care Gerald.

Christopher K. Greenhalgh, N8WCT
Computer/Electronic Tech. II at The Ohio State University
E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

4162. Re: Inventors & adopters

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: carl@ais.net
Message-ID: <52pp5j$itl@news.ais.net>
Source record: 215775

In <843845621.AA07354@hamlink.mn.org>, k0hb@hamlink.mn.org (Hans Brakob) writes:
>Carl said:
>
>>It's high time the "CW olde fartz" stopped whining about the "good old
>>days" and realized that in the "good old days" the hams were the
>>INVENTORS and ADOPTERS of NEW TECHNOLOGY ... not the lazy, stagnated,
>>technophobes they've become.
>
>Carl,
>
>You might wish to "watch the skies" next spring when amateurs
>launch Phase 3D. Or get a copy of the "Proceedings" of the
>latest digital conference or the last VHF conference. Or check
>out some of the work written up in QEX in the last few issues.
>Or peek over the shoulders of the guys at TAPR. Or subscribe to
>the "Radio Designer" reflector. These are just a few
>"visible" places, not counting all the quiet "invisible"
>tinkerers, which suggest that "lazy, stagnated, technophobes"
>is a somewhat innacurate set of descriptors.
>
>73, de Hans, K0HB

Hans,

You're talking about the work being done by a very small percentage of
hams ... the "mainstream" (that I was referring to) is dismally
appliance operator ...

Carl - wa6vse
carl@ais.net

4163. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: carl@ais.net
Message-ID: <52pppn$itl@news.ais.net>
Source record: 215776
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <52n3m4$nrv@usenet.pa.dec.com>, flaherty@pago-pago.pa.dec.com (Paul Flaherty) writes:
>Bill Sohl (billsohl@planet.net) wrote:
>
>
>> I side with Carl that cost is not relavent. Also, if you want to make
>> it a test as opposed to a random survey of spctrum, then it is
>> easy to move far more QSO's via packet than any equivalent
>> number of CW QSOs that might fit into the bandwidth the packet
>> signal occupied.
>
>Good point; I should have said "real time" QSOs. You get infinite bandwidth
>with infinite latency.
>

Properly designed digital systems will support many more "real time"
QSOs than CW in the same spectrum ... the only reason that the packet
systems *you've* been exposed to are so damned slow is that they're
poorly designed ... I'll bet you've never seen anything faster than 9600
baud (maybe only 1200) ... and the current store&forward system can get
bogged down for many reasons ... all of which could be solved ...

your "You get infinite bandwidth with infinite latency." statement does
not make sense ... nor is it

>The issue is: What if we quadruple the number of hams on the HF bands, all
>using SSB? Since they don't know CW, no suitable alternative exists, and
>have historically clung to wideband modes, why should we expect anything
>different to happen?
>

Well, gee ... you might actually have to SHARE "your" band(s) with
someone else. How DARE anyone propose such an outrage?!?!?!?

Seriously ... you'll have to learn to share ... and adopt/develop new
modes and techniques for sharing ... the world won't end ... it'll
actually get better ...

You CANNOT stay in the past forever ...

Carl - wa6vse
carl@ais.net

4164. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: carl@ais.net
Message-ID: <52pq22$itl@news.ais.net>
Source record: 215777
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <52ng5f$tbg@usenet.pa.dec.com>, flaherty@pago-pago.pa.dec.com (Paul Flaherty) writes:
>Bill Newkirk (wnewkirk@iu.net) wrote:
>
>> so would a single 5 WPM code test be enough?
>
>Yes. 5 WPM is pretty much the minimum to prove that you can use it, which
>in turn is the limit of the government's regulatory interest in seeing that
>CW continues until a suitable replacement exists. Anything beyond that
>is more of a mastery, and there are probably more important things to master.
>

It is not the government's "job" to "see that CW continues until
(anything) ..."

And suitable replacements are ALREADY available ... the people in the
commercial services have been using various forms of them for decades.

Only hams continue to cling to the past by insisting on CW ...

Even MARS has abandoned CW ... banning the use of the mode starting on
October 1st, 1996, I believe ...

Hello? Is anybody home? Wake up!

Carl - wa6vse
carl@ais.net

4165. Re: NEW Kenwood unit coming soon?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: MAB NY6Z <ny6z@sprynet.com>
Message-ID: <01bbaf32$69826740$dbf4aec7@default>
Source record: 215778
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap,rec.radio.amateur.misc

AVAILABLE SOON AT YOUR NEAREST "JOES TRUCK STOP" (Price FOB - 11 meter amp not included).

Rich Fortnum <fortnum@pints.com> wrote in article <324FCF8D.6CF8@pints.com>...
> New Kenwood base unit due out soon? I was told yesterday by a sales
> person that there is word out from Kenwood themselves, that there will
> be a new unit released, with DSP, to replace the TS-450. The model
> number is not known. It will also retail, apparently under CAN$2000.
> Not bad, eh? I'll be up for that one.
>
> Anybody have more information?
> --
>
> Rich Fortnum (aka BeeRich) fortnum@pints.com VA3 RFZ
> F&M Breweries, Guelph, Ontario, Canada
> Renaissance Brewers of Fine Ales and Lagers
> THE ONTARIO BEER PAGE http://www.pints.com
>

4166. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: carl@ais.net
Message-ID: <52pr3s$itl@news.ais.net>
Source record: 215779

In <1996Sep29.153915.8605@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>In article <52kh2s$8s6@news.ais.net> carl@ais.net writes:
>>
>>Gary ... your point is (as usual) valid ... however, the CW folks
>>continue to refuse to even consider switching ... in light of yout last
>>sentence above this speaks volumes :-)
>
>You're being overly harsh again.

I disagree ... these folks NEED a wake-up call ...

>Today, there is no *need* to switch. Numbers have not yet climbed to a
>level where a choice must be made. Current HF enabled licensees have a
>large sunk investment in Morse wetware conditioning. They are reluctant
>to discard that while they can still get marginal utility
>from it.
>

I understand the latter part, but disagree with the first part ... due
to the wetware conditioning, it takes longer to effect change ... there
is considerable resistance to ANYTHING that looks, feels, sounds, or
even smells like it might be modern and progressive ... in order to
overcome this inertia, we must begin applying pressure now ... sort of
like the concept of ion propulsion ... force applied over time will
eventually cause significant acceleration ...

>>>Susan Ness is correct. We can accomodate arbitrarily many
>>>amateurs on HF if we use techniques better than the ones
>>>we use now.
>>
>>I would suspect that the Hon. Ms. Ness only knows that because some
>>engineer on her staff told her that, but at least SHE has the sense to
>>believe good engineering advice ... that's a LOT more than can be said
>>for significant numbers of today's licensed hams ...
>
>While I do believe you are correct that Commissioner Ness is
>a lawyer rather than an engineer, you must also realize that
>she has a different objective, a different metric in mind,
>when she looks at spectral usage than current amateur licensees
>have.

That's EXACTLY the point *I've* been *trying* to make ... we HAVE to
understand HER agenda and HER metrics or we're screwed from the start.
The things that we presently have to offer will NOT stand up to the
commercial interests in the future ... we have to modernize and grow in
order to be able to stand scrutiny under HER metrics ...

>She is charged to maximize spectral value in the public
>interest.

And we won't measure up very well right now ... and if we don't change, it'll only get worse in the future ... the old guard may not like or want to accept this reality, but reality it is ... sticking our collective heads in the sand is suicidal, 'cause the commercial interests will come along with one of those big, gas-powered "weed-wackers" (the kind with the steel blades, not the light-weight kind with a stupid nylon string) and wack us off by our scrawny necks ..

>Amateurs are primarily motivated to protect their individual private
>interests. For the most part, that oftem appears to them to be best
?served by defending the status quo rather than embracing more
>spectrally efficient methods of communicating.
>
This is, obviously, EXACTLY THE WRONG COURSE OF (in)ACTION ...

>Entrenched interests fear change because they aren't sure what
>their place will be in the new order. Thus they tend to vigorously
>defend the status quo. Only a relative handful see change as an
>opportunity rather than a threat.
>

Everone better start seeing a LACK of change as a BIG threat ...

>You must consider that if we were to demonstrate that we could
>use our spectrum more efficiently, and if we then didn't have
>sufficient numbers to fully occupy it at that higher level,
>we'd risk losing some of the spectrum we have warehoused.
>
>As long as the bands appear full, to the naive who don't know
>there are better ways to use them, they look safe. Unfortunately
>for the naive, the Commission appears to be discovering that
>there are more efficient ways of using spectrum.
>

EXACTLY ... they're becoming aware of that ... and demanding the end of the status quo ... enacting tougher spectral-efficiency standards for type-acceptance of Part 90 (land mobile) gear shows that they're serious .. they'll cause the Part 90 folks to replace their gear ... that's $$$. Too bad ... more demand=use it more efficiently ... that will apply to us, too ... don't bitch and whine "it'll cost $ to buy a new rig" ... they won't care ... whining about it when they're requiring the commercial folks to upgrade will simply piss them off ..

>If we want to keep the bands we have, it seems to me that we
>must first increase numbers to such an extent that amateurs
>will voluntarily adopt more efficient methods in order to cope.
>That keeps our spectral occupancy high while at the same time
>showing we're willing to use what we have to best effect. If
>we don't do this, we may find a Part 90 style solution imposed

>on us, and then find parts of our bands taken because we aren't
>occupying them fully.
>

There's NO reason that we can't be AT LEAST as spectrally efficient as
the Part 90 folks ...

[snipped the remainder ... I agree with it, without need for comment]

Carl - wa6vse
carl@ais.net

4167. Re: RIP MARS CW

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: carl@ais.net
Message-ID: <52ps53$itl@news.ais.net>
Source record: 215780

In <00087D1E012A77EC@dol.net>, joseph.buch@dol.net.(joe@dol.net (Joseph.buch@dol.net (joe) writes:
>Date: Mon, 30 Sep 1996 02:13:58 GMT
>Reply-To: joseph.buch@dol.net
>From: joseph.buch@dol.net (Joe Buch)
>Subject: RIP MARS CW
>X-Newsreader: Forte Free Agent v0.55
>Newsgroups: rec.radio.amateur.misc
>Lines: 30
>
>
>As of 0000 UTC 1 October 1996 CW is prohibited on
>frequencies controlled by the US Department of Defense
>including MARS frequencies.
>
>Paraphrasing Samuel Morse, "What God hath wrought the DoD
>hath put asunder."
>
>I hope somebody out there can copy PACTOR in their head for
>the day when the fit hits the shan.
>

Joe,

Relax ... as one who has designed comms gear for DoD, I can assure you .. When the "fit hits the shan," properly designed hardware and software will out-survive and out-perform Morse-conditioned wetware ... despite the old-timer's fears and doubts ...

Carl - wa6vse
carl@ais.net

4168. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: carl@ais.net
Message-ID: <52pruo$itl@news.ais.net>
Source record: 215781
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <52lq47$qsi@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net (Jim Kehler) writes:
>carl@ais.net wrote:
>
>>>The point is that CW is a very *popular* means of communication.
>
>>Doesn't matter one damned bit!!! Popularity does NOT make it a
>>legitimate licensing requirement.
>
>That is correct. The FCC made it a licensing requirement, not popularity.
>

But the pro-coders keep insisting that it should be maintained as a
requirement because of its alleged popularity ... that's the rub ...
that's why I pointed out that its popularity, or lack thereof as the
case may be, is irrelevant with respect to its continued suitability as
a licensing requirement ...

>>>Thousands of hams throughout the world enjoy conversing in a "language"
>
>>It's NOT a F___ing language!!! It's ONLY an old, inefficient means of
>>encoding text into on/off keyed signals. NOTHING MORE ...
>
>Sure it is a F____ing language.

Is NOT ... it's ONLY a code ... I can encode ANY _language_ that uses
the same alphabet (English, French, German, pick one) in Morse ...

>But only to those of us who *understand*
>it..... Chinese is a language to people in China, but not to me. To me, it's
>just noise.

I understand Morse ... it's STILL noise ...

>Sounds like geese F___ing.

Sounds like Morse to me ...

>But we can't make all the Chinese people in the world speak English just
>because I don't understand Chinese, can we Carl ?

So why make all hams learn to "speak" Morse, just because you don't
understand English???

?And we can't make
>all the hams in the world stop taking CW tests and using CW just because you
>don't understand dits and dahs......

>

OK, here's a deal ... we'll make the Morse test *optional* ... doesn't count for squat, but *you* can take it if *you* want to and if it makes *you* fell good ... but nobody is *forced* to take it ...

To do otherwise is EXACTLY the same as to "make all the Chinese people in the world speak English just because (you) don't understand Chinese" and you already admitted that that wasn't fair ... (gottcha)

>Doesn't matter who likes
>it or doesn't like it, as long as the FCC thinks we need to take CW tests,
>those of us who want to get on HF will continue to take them.
>

That's EXACTLY why we're debating the issue here ... because we want to get the rules changed and we're trying to educate people to why they should support that idea ...

Carl - wa6vse
carl@ais.net

4169. Shops in Chicago O'Hare area

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: bosa@newshost
Message-ID: <52prbf$lil@viking.mpr.ca>
Source record: 215782

I'm visiting Chicago for the next few weeks and was wondering
if there are any Amateur Radio shops that someone could recommend
in the Chicago O'Hare area. In particular, around the Rosemont area.

Thanks,

Lino Bosa VE7 LFG e-mail: bosa@mpr.ca
MPR Teltech Ltd.
Burnaby, B.C. Canada

4170. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: andy@tiedye.com
Message-ID: <52psd8$4ra@masters0.news.internex.net>
Source record: 215783
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <1996Sep28.160713.4282@ke4zv.atl.ga.us>,
gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>Part of the cost of Morse is the wetware conditioning required,
>and the government speed tests serve to neutralize that cost by
>requiring even those who would use other less costly methods to
>pay it.

Even though the cost to some of us is over 500 times higher (AND COUNTING!)
compared to those who have an aptitude for it.

> That is effectively an artificial subsidy to Morse, just
>as a protective import tariff is a subsidy to inefficient domestic
>manufacturers, and makes the competition uneven.

It does indeed.

>Without that subsidy, I think you are correct that Morse would,
>if not become extinct, at least become much less used.

It may see more use rather than less. The people who can learn it quickly
will still be attracted to it, and that will include a number of people
who would never have become hams if they had to learn it up front.

>I would not be surprised, or disappointed, if it became like AM, something
>people tinker with only for nostalgic reasons.

I believe this is already the case.

> I believe that's as it should be.

Agreed.

4171. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: n3kfn@warwick.net
Message-ID: <325089b2.20472562@news.warwick.net>
Source record: 215784

Guy tells you to get a life, and he's busy minding yours. Hmmm. . .
Kind of like the pot calling the kettle black.

On 30 Sep 1996 07:43:54 GMT, randyk@emf.net (Randolph Kielich) wrote:

>Cecil Moore (Cecil_A_Moore@ccm.ch.intel.com) wrote:
>: Randolph Kielich wrote:
>: > So I guess it's more anxiety and dread until I determine if mine
>: > got there too early even with the bank clearing my check.
>
>: Hey Randy, ever consider getting a life? :-) Ham calls don't
>: deserve all that energy.
>
> I'll determine what is or is not important to myself in this life
>time and no one else. If I need a 'personal manager' for my life, I'll go
>out and hire one, thank you.
>
> _Rx_
>
>--
> "The normal person is someone whom we we just don't know very
> well yet..." -- Karen Horney, Psychiatrist
>--

73 es DX,
Mike D'Alto, N3KFN http://www.geocities.com/CapeCanaveral/1641

4172. Qsl Info File Free!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: mtw@coredcs.com
Message-ID: <52q327$jus@wiscnews.wiscnet.net>
Source record: 215785

Looking for a good qsl manager database for your logging program??
Check out our site for the latest bi-weekly update. Latest version has
over 43,560 qsl managers or direct addresses. For this file and more
stop by http://www.coredcs.com/~mtw

4173. Vanity call regions

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: hbcsc274@huey.csun.edu
Message-ID: <52q58g$2st@csun2.csun.edu>
Source record: 215786

A question about Vanity Callsigns... When you pick a callsign, do you have to use the region number that you are in? For example, I am in California (region 6), so do I have to choose callsigns like K6JKL, W6JKL, N6JKL, etc.
Can I choose other region numbers, like K9JKL, W5JKL, N0JKL, etc..

If you know the answer to this question, please post in this thread so others can read it as well.

--
Jerry H. Wang
California State University Northridge
School of Engineering and Computer Science
Email: jerry.wang@csun.edu
Web: www.csun.edu/~hbcsc274

4174. Re: for Cecil

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: billsohl@planet.net
Message-ID: <52q72r$an6@jupiter.planet.net>
Source record: 215787
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

"Sam Morse" <smorse@usa> wrote:

>Hello Cecil,
>To answer your question:

>No, I would not bar any deaf guy from ham radio.
>I was ignorant of that problem since you are the
>only one mentioning it. All others where whining
>that they're incapable of comprehending 4WPM
>because of their lack of supernatural talents.

>What I'm trying to say is that in an emergency
>simple CW Morse might be the only way of
>communication. Therefore most of us (I'm not
>saying all!) should know code in case
>someone was forced to use Morse in
>a shipwreck, for instance.

But reality has shown that there hasnit been
a single amateur radio case such as you
would want all HF hams to be ready for
in years... 5 or more at least.

>I'm not against FSK either, and I'm definitely pro-digital.
>All I'm saying is that there can be situations where
>hand-keyed Morse is the only means of getting out!

Then why make only HF hams known code? Is
such a situation more likely on HF than VHF?

>You're comparing your uP-based FSK decoder to
>a transceiver. That wasn't my point. What I was
>saying is a one-transistor circuit could operate
>as a CW transmitter and receiver in an emergency.

Again, it just doesn't happen that way anymore. It
is not at all justifiable to mandate CW knowledge on the almost
infintesimal possibility that it may save a life someday.
We'd save more lives if we just required all hams
to know first aid and/or CPR.

Bill Sohl K2UNK
ARRL Local Gov't Liaison, Mt. Olive Township, NJ

4175. Re: SCREW THE CODE!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <52q4aq$g58@cc.iu.net>
Source record: 215788

In <52o0ju$e5m@clark.zippo.com>, ke4htm@bluenet.net (Jamie R. Dean) writes:
> The reason I'm writing this is to ask that the sensless war on code
>stop. By fussing back and forth for years your not doing anything but
>taking up bandwidth.

oh, you poor misunderstanding man...our day is just not complete until we've
beaten the code test discussion to death again.

>I mean the ITU and FCC have the final say so on
>this matter.

well kinda. may i suggest reviewing the literature of the late 1980's to
see just how the code free ticket rules came about. i believe you'll find
it to be a grass roots movement. in particular, review the ARRL's proposal and
compare and contrast to the QCWA proposal that was pretty much accepted
for the way to go. the FCC is an agency of the US government and has
procedures for petitions to change the rules, y'know.

>We can yell and scream and do like in the olden days
>before black were excepted and talk no-codes and drag them behind
>cars, or make them stay only on this frequency or band, but when it
>all comes down to it, only the FCC and ITU can say you must get your
>code or you must get out of radio. Is it such an issue that we would
>actually lose sleep over it? Coded hams have there HF bands and us
>NO-codes have 6 meters and up. We never even have to speak if the
>coded hams didn't want to.

----------------vvvvv
"coded hams have there HF bands..." ick. what? you sleep through both
english and civics? the code-free ham license is only 5-3/4 years old (2/14/91).

> I'm proud to be a ham. I've run a APRS packet station for about 1
>year now and I see no need for HF or code to do this. I'm quite happy.

oh, a whole year..well, ok, that's wonderful. more power to you. i might suggest
that you investigate other facets of the amateur radio service to be familiar
with them..

>And isn't that way we all get a hobby? to be happy? I would hope so.

it's not a hobby, exactly. it's defined as a service in the rule books. that's an
important point. see basis and purpose in 97.1. to that end APRS needs
investigation and perfection so that fits in nicely...

>So folks let the code war stop. It is not important. We and wasting
>bandwidth and airspace when we can't change what the FCC and ITU says.

but we did..that's how come there's a code-free license today...

>Be kind to your fellow ham. Puttingg him down for being a no-code will
>not make him get his code any faster.
>
>73's
>Jamie - KE4HTM
>ke4htm@bluenet.net
>http://www.bluenet.net/ke4htm

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

4176. Re: Vanity calls -- someone else eats my pie?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <52q4kl$gas@cc.iu.net>
Source record: 215789

In <324C6473.5AA5@pla-net.net>, Stan Vandiver <kd9be@pla-net.net> writes:
>One of my "proposed" vanity calls (W4DX) was also issued just before the
>opening of
>Gate 2. It just makes you *WONDER* why, if someone was eligible
>earlier, they would
>choose to wait 'till the last minute like that?
>Stan/KD9BE

radio clubs have procedures to follow. probably took a lot of soul searching
to decide to file an application, and then they had to find $30 to spend and get
a check cut etc. many only get the news via paper magazines and so many
probably started quite some time after the gun sounded...

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

4177. Question: Choice of HAM equipment

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: aravind@iscs.nus.sg
Message-ID: <52qhuk$bgl@nuscc.nus.sg>
Source record: 215790

A person I know, a registered Ham user in India, wants to buy ham equipment to communicate within 50km in rural India. One problem is that the region has some high hills. Could you please let me know if which among HF, UHF or VHF (for base station and mobile transceiver) would be appropriate for this purpose? Would repeaters be necessary? Any information will be appreciated.

Thanks a lot,
Aravind
aravind@iscs.nus.sg

4178. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <52qnnu$kpt@lehi.kuentos.guam.net>
Source record: 215791
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

wnewkirk@iu.net (Bill Newkirk) wrote:

>In <52lq47$qsi@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net (Jim Kehler) writes:
>>
>>That's just the way it is. It's da rules.
>>
>>73, Jim KH2D

>slavery used to be in da rulz as well...but no more...

>so would a single 5 WPM code test be enough?

It already is enuff, Bill. For a Tech+ license.....

4179. Re: RIP MARS CW

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <52q3l8$g58@cc.iu.net>
Source record: 215792

In <00087D1E012A77EC@dol.net>, joseph.buch@dol.net.(joe@dol.net (Joseph.buch@dol.net (joe) writes:
>
>I hope somebody out there can copy PACTOR in their head for
>the day when the fit hits the shan.
>Real radios weigh 85 pounds | _ _ |
>Real radios glow in the dark |_____|

yeah, yeah, yeah. wonder what you can't hear with those old tube things?
wonder if it's possible to put an HF receiver in a large PCMCIA package?
seems like the parts are in the right size/capability range now....use one of those edge connectors to break out the audio (or is there a way to the laptop's stereo speakers from the inside?

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

4180. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <52qqcm$kpt@lehi.kuentos.guam.net>
Source record: 215793
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

carl@ais.net (Carl Stevenson) wrote:

>>That is correct. The FCC made it a licensing requirement, not popularity.

>But the pro-coders keep insisting that it should be maintained as a
>requirement because of its alleged popularity ... that's the rub ...
>that's why I pointed out that its popularity, or lack thereof as the
>case may be, is irrelevant with respect to its continued suitability as
>a licensing requirement ...

Doesn't matter what the 'pro-coders' insist. Only matters what the
FCC insists.

>OK, here's a deal ... we'll make the Morse test *optional* ... doesn't
>count for squat, but *you* can take it if *you* want to and if it makes
>*you* fell good ... but nobody is *forced* to take it ...

Great idea. That sounds JUST like what we are doing now. When's
the last time you were heard about some being dragged out of their
home, kicking and screaming, and forced to take a CW test ? Morse
tests ARE optional NOW. Nobody HAS to take one. Those people
who want higher class licenses and more privledges have the OPTION
of taking CW tests right now.

>To do otherwise is EXACTLY the same as to "make all the Chinese people
>in the world speak English just because (you) don't understand Chinese"
>and you already admitted that that wasn't fair ... (gottcha)

Well, now that you GOT me, what you gonna do with me ? Does this mean
the Internet Fairy will give you an extra gold star on your bill this month ?
Chalk up one more GOTTCHA for Carl.

>>Doesn't matter who likes
>>it or doesn't like it, as long as the FCC thinks we need to take CW tests,
>>those of us who want to get on HF will continue to take them.
>>

>That's EXACTLY why we're debating the issue here ... because we want to
>get the rules changed and we're trying to educate people to why they
>should support that idea ...

OH, I C. This is an EDUCATIONAL process that is going on here. People who
have NEVER been on HF, and people who have NEVER HAD A HAM TICKET
are EDUCATING those of us who HAVE been on HF for years about the
best way to use HF. That sounds like a WONDERFUL idea. Maybe tommorrow
I'll find someone who has never played golf and ask them to take me to the

driving range and give me a few lessons.....

But anyway, Carl, stop educating, start petitioning. That's the only way to get the job done.

73, Jim KH2D
Don't Convince ME - Convince the FCC

4181. Re: question for carl and the no code group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: keinanen@sci.fi
Message-ID: <52qlst$5mk@tron.sci.fi>
Source record: 215794
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Jim Conn <jconn@gte.net> wrote:

>Mark Little wrote:
>>
>> I found your response interesting as it implied (to me, anyway) that you
>> must see the removal of the compulsory Morse exam as the death of Morse.
>> Did I interpret this incorrectly, as I can't see that the removal of the
>> exam will have any long term impact on Morse use? Ultimately, amateurs
>> either forget Morse or use it. I suspect that 5 years after the exam
>> is dropped, the ratio of CW to non-CW users would be basically unchanged.
>> Am I too optimistic, do you think?

>I think 5 years after the morse requirment is dropped, there will be
>millions of new hams, 98 percent running exclusively SSB, most with KW or
>better linears. So yes, the percentage of morse users will be reduced
>thereby.

And where would these millions of people come from (even if we look at the situation world wide) ? I doubt that large hordes of people from the street would be interested in HF-communication, while many other forms of communication are available. I guess that most people that would be interested are currently hams with only VHF/UHF license, CB operators and SWLs. Only a small partition of these groups would be affected. A large number of people from these groups that would start to use HF bands, would mainly be interested in chating with local friends (with whom they have more in common). This would no doubt increase the use of SSB on the 75/80 m band, but fortunally the (day time) propagation on this propagation is geographically limited. The minority interested in DX-contacts would, no doubt, learn CW or invest in other digital means of communication.

In any case, it is very hard to imagine the same kind of new hams on HF as the CB boom in the 70s. One contributing reason for the CB boom was that CB was the only means of mobile radio communication available to the general public in those days. Today, ham radio on HF is not the only means of worldwide or local (fixed or mobile) communication available and IMO there is not a risk for a huge number of new HF ham operators even if the CW requirement would be dropped or made easier.

>I see the removal of the testing requirement as a further lowering of the
>entrance requirements for ham radio.

I do not see the problem in lowering the _entrance_ requirements, provided that the privileges are adjusted accordingly. Thus, I find it quite strange that the U.S. Technician license allows operation of 1.5

kW transmitters with very limited technical knowledge.

OTOH, the full licence should be much more demanding than the entrance licence to operate high power transmitters and use bands shared with other services.

>If the theory and math tests are
>made more difficult to compensate, then we'll have more engineers and
>fewer non-technical trades and professions in ham radio, and I don't see
>that as necessarily a good thing.

I do not find that the _ratio_ of technically minded hams vs. non-technically minded hams as a a problem, the important thing that the absolute number of hams with technical background is sufficient to maintain the vitality of the service.

>Besides, why would the tests need
>stiffening, if the morse test requirement is dropped?

Stiffening the requirements after the morse requirement is removed is the same as admitting that today the other requirements have been too easy and that those that have received the licence in the past are not fully competent to build and operate an amateur radio station.

Paul OH3LWR

4182. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: Ramon Gandia <rfg@nome.net>
Message-ID: <3250FA4B.4A8D@nome.net>
Source record: 215795
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Carl Stevenson wrote:
>
> >CW continues until a suitable replacement exists. Anything beyond that
> >is more of a mastery, and there are probably more important things to master.
> >
>
> It is not the government's "job" to "see that CW continues until
> (anything) ..."
>
> And suitable replacements are ALREADY available ... the people in the
> commercial services have been using various forms of them for decades.
>
> Only hams continue to cling to the past by insisting on CW ...
>
> Even MARS has abandoned CW ... banning the use of the mode starting on
> October 1st, 1996, I believe ...
>
> Hello? Is anybody home? Wake up!
>

Well, CArl. Here I have to take issue with you. I am a cw man, and
I enjoy. So do thousands of hams. Lets not impose our likes and
dislikes on others. You don't like CW, but like digital and voice?
Fine. Don't operate CW, but don't dictate to me that CW is obsolete
and needs be done away with.

I am not sure of the obsolete part, but I do agree that there are
lots of perfectly suitable substitues....yelling into a mike being
the most notable one.

I am totally in favor of eliminating CW from the exam, but **not**
the CW subbands (they could be smaller, though). Think about this
a minute.

You would have a license class or two, both with no code. That's it.
The big license has a no-code test but allows full privileges on
the bands. However, the bands would still have divisions for
CW, digital, voice, sstv, no-fm (weak signal vhf), beacons, etc. etc.

The reason we have sub bands is that one man's cup of tea is another
man's poison. It would probably get you ticked off if the CW people
proposed doing away with phone for "being wasteful of spectrum space!"

Amateur radio is a hobby, engaged in for personal reasons, mostly
for enjoyment, even as it might fullfill, once in a while, a public

service or educations aim.

Thus if I want to operate CW, I should be able to do so without getting abused by phone guys, and the phone guys should be protected from digital noises, and the meteor scatter guys from the fm'rs, etc. The sub-bands can be adjusted periodically by gaging the degree of use which they receive. I have no problem with that. In the year 2020, when I am ready to croak from Alzheimers, the CW bands may be just 10 or 20 kHz.

I just don't think that it is fair, in this day and age, to impose a test on a non-essential item.

How about a written test with no questions on voice emmissions? This is a different deal. Here we are talking about a TECHNICAL exam, a written test, not an ability test. I think the technical portion of the exam should cover all modes, perhaps some more deeply than others. The idea being that the prospective ham has shown that he posseses the technical ability to build, repair, adjust or just understand and operate his gear. I think the present test for General and up are probably adequate (I am a VE).

Most hams operate phone, and virtually all prospective ones do contemplate phone operation, so the exam should concentrate on that.

Not only from the technical perspective, but also should ask about operating procedures, the phonetic alphabet, amateur lore and tradition and on-the-air etiquette. This all besides some theory so the guy can recognize and understand the principles involved and recognize TVI, improper emmissions and the like.

Like I said, the present test is close to adequate.

But CW ability should not be required. Heck, the FCC doesn't put you in front of a mike and check your voice out. What if you are one of those that freezes in front of a mike? Specially with an audience? Anyway, you get my point.

Ramon, AL7X, Nome, Alaska <<-- Out with CW exam. Retain CW bands!

4183. Re: Vanity call regions

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <52qv03$ed7@jupiter.planet.net>
Source record: 215796

> hbcsc274@huey.csun.edu (jerry wang) writes:
> A question about Vanity Callsigns... When you pick a callsign, do you
> have to use the region number that you are in? For example, I am in
> California (region 6), so do I have to choose callsigns like K6JKL,
> W6JKL, N6JKL, etc.
> Can I choose other region numbers, like K9JKL, W5JKL, N0JKL, etc..
>
> If you know the answer to this question, please post in this thread so
> others can read it as well.
>
>
> --
> Jerry H. Wang
> California State University Northridge
> School of Engineering and Computer Science
> Email: jerry.wang@csun.edu
> Web: www.csun.edu/~hbcsc274

you are not limited to the call region (0 thru 9) and can get a call outside
the region you live in. which will make the qsl buro for each region real happy

BUT!!!! you are limited to the callsign within the 48 states. In other words
you couldn't get the call WH2O as that is not within the continental US
but you might be able to get N0CW

DROP THE CODE DROP THE THEORY!!! NOW!!!

SUPPORT.......
HF FOR THE PEOPLE
BUY THE PEOPLE

steve

4184. Re: SCREW THE CODE!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <52qvqd$css@freenet-news.carleton.ca>
Source record: 215797

>
> it's not a hobby, exactly. it's defined as a service in the rule books. that's an
> important point. see basis and purpose in 97.1. to that end APRS needs
> investigation and perfection so that fits in nicely...

A "service" that you can't charge for, can't use professionally. You can
only use it for non-lucrative goals and can't make a living at it?
Sounds like a hobby to me. (unless one chooses to chase ambulances)

>
> Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
> Melbourne, FL duty now for the future of amateur radio
> Lombardi's 1st Law of Business:
> Companies succeed in spite of their best effort. If they succeed at all.
>

--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

4185. Re: RIP MARS CW

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <52r021$cu5@freenet-news.carleton.ca>
Source record: 215798

Bill Newkirk (wnewkirk@iu.net) writes:
> In <00087D1E012A77EC@dol.net>, joseph.buch@dol.net.(joe@dol.net (Joseph.buch@dol.net
(joe) writes:
>>
>>I hope somebody out there can copy PACTOR in their head for
>>the day when the fit hits the shan.
>>Real radios weigh 85 pounds | _ _ |
>>Real radios glow in the dark |_____|
>
> yeah, yeah, yeah. wonder what you can't hear with those old tube things?
> wonder if it's possible to put an HF receiver in a large PCMCIA package?
> seems like the parts are in the right size/capability range now....use one of those
> edge connectors to break out the audio (or is there a way to the laptop's stereo
> speakers from the inside?

How about 80cols, BEFORE you complain about old rigs. Apple II doesn't
support it?
--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

4186. Re: question for carl and the no code group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: Ramon Gandia <rfg@nome.net>
Message-ID: <32510B58.C79@nome.net>
Source record: 215799
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Mark Little wrote:

> I found your response interesting as it implied (to me, anyway) that you
> must see the removal of the compulsory Morse exam as the death of Morse.
> Did I interpret this incorrectly, as I can't see that the removal of the
> exam will have any long term impact on Morse use? Ultimately, amateurs
> either forget Morse or use it. I suspect that 5 years after the exam
> is dropped, the ratio of CW to non-CW users would be basically unchanged.
> Am I too optimistic, do you think?

I think you are on the right track. As a matter of fact, I believe
the ratio would change slowly and eventually CW might die out or
be reduced to just a few kHz sub-band.

I am a CW man, enjoy code but cannot see what use is testing for
morse code ability anymore. Hey, the FCC did not give me a test
on giving speeches on a microphone to an audience (lots of people
freeze). If they allow you to use voice on the radio without
a speech test, why test for code? Makes no sense. It is
obsolete thinking.

What I want to see is all licenses be no-code. Carl proposes just
one class, I think two would be better (a basic test for limited
privileges as an entry point, then the full ticket).

However, the cw sub-bands would be retained (actually created so
we don't get clobbered by the digital modes as they grow). The
hams that know code can operate CW or not as they see fit. The
no coders....some will learn the code on their own and join the
fun on 14005.

While I strongly support doing away with the code test, I most
vehemently oppose any elimination of the CW mode and sub band
accomodation for it. This only makes sense.

Ramon, AL7X Nome, Alaska

4187. Re: for Gary

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: Jim Cummings <jcumming@clark.dgim.doc.ca>
Message-ID: <325144ED.39B0@clark.dgim.doc.ca>
Source record: 215800
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Sam Morse wrote:
>
> Gary,
>
> Thank you for your response. I appreciate that you can relate
> to the Morse/no Morse question with technical objectivity.
>
> However, I did not mean to say that Morse is some kind
> of a mystically unique code. I said that it is the simplest
> digital code in a sense that it can be (and have been) used
> without much complex equipment, plus it is widely known
> around the world.

This assumes that the minimalist factor of Morse code transmission and reception makes it the overwhelming choice of mode of communications for amateur radio. Aside from the fact that it is in the process of being abandoned by all other services outside of amateur radio, what is it about Morse code that one must demonstrate this skill prior to being authorized to use the amateur allocations below 30 MHz? So far the only arugments that have been offered is that it is traditional to demand such testing, the mode should be preserved because it is indeed the simplest mode; or it is a method to minimalize the number of radiotelephone operators. There are others, but they don't stand up to scrutiny.

> The idea is hand keying and receiving by ear. I read that
> you can pick up RTTY by ear. I'm very much impressed
> by that.
>
> But the idea of OOK or FSK if that's what you like, Morse
> code hand keyed IS important in an emergency. Suppose
> in a shipwreck, etc., you want to build a simple tx. I would
> try to build a 1-transistor CW unit or even a spark tx...
> You would just open your waterproof suitcase containing
> your hi-tec chipsets and instruments that you keep with
> yourself at all times.

Excuse me? Morse really believes that while a ship is in distress, he would undertake to save the ships' crew and passengers by sitting down and making a one-transistor TX ignoring the fact that the ship would have on-board automatic alerting systems, let alone the digitally based distress and safety alerting apparatus? Somehow, I doubt that the ship's crew would be more likely to ensure Morse's personal safety, than to let him contruct his transmitter. Even if this were not the case, what would Morse propose to do for a reciever? How would he be able to ascertain his position for the

purposes of informing search and rescue? Where would he get his power? Would he have been carrying batteries in his waterproof battery carrier when he came on board?

> In response to spread spectrum, I'm aware that the military
> uses it. I've been much interested in various SS techniques,
> but it is discouraging that the chips are not THAT cheap or
> available (I waited a year for Stanford Telecom's chips...)
> And the top of everything, check the FCC regulations
> about amateur SS. I can only copy 10WPM Morse, but
> the code requirement does not bother me a bit, and as
> you've noticed, I support code as long as there's a remote
> chance that it may save someone's life somewhere.

So, Morse supports the continued testing of Morse code even though vessels will no longer carry Morse code operators. Regardless, there is no evidence that amatuers have used Morse code for communications with ships in distress. I can only assume that Morse would support Morse code not just on the remote chance that this could be used in a distress alert, but on the even more remote chance that there will be onboard an amateur who, during this emergency, undertakes to build a transmitter and receiver, the availability of parts and power is highly questionable.

> Regards,
>
> Sam Morse
>

73 and live better digitally
Jim, VE3XJ

4188. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: "Bart Jahnke, KB9NM ARRL/VEC" <vec@arrl.org>
Message-ID: <32511FFF.1FA5@arrl.org>
Source record: 215801

Jim Lowman wrote:
> : Not everyone is so stressed. This 'program' has been so long in
> : coming and so fraught with fighting between the ARRL & the FCC and then
> : the Government shut downs, it's a miracle that it's actually up and running
> : after all this time. Just for the record the ARRL wanted the $$ amount to
> : be over $100. (can't remember the exact amount). That was a weird twist
> : to say the least, I mean custom call signs for the well off ;-$
>
> Another good reason I don't support ARRL unilaterally.
>
> 73 de Jim - KF6CR

Jim:

The program was indeed long in coming, and after it surfaced some serious problems were identified that did require require ARRL, and certain other amateurs, to petition the FCC for reconsideration. The most noticeable change that came from the ARRL petition was the protection of certain Alaskan, Caribbean and Pacific region prefixes where an applicant did not declare an appropriate mailing address in those areas. Another reconsideration period occurred again after that, but ARRL was not a part of it.

As for the higher dollar amount ARRL was considering early on, at that time the FCC published fee for Vanity was $7/yr or $70 up front (rather than the $3/yr $30 up front we have now). And, or course, 10 years from then at the first renewal we may have had to pay $70 or no doubt a higher amount--and again at every ten-year renewal interval after that. So, at that time, our suggestion was to have the up front fee be a larger amount--and that it be a ONE TIME ONLY FEE, never again to have to be paid.

Of course that issue is moot now...and the fee is $30 up front, and $30 or more every ten years.

73,

--Bart KB9NM

==========
= | ARRL HQ =
= Bart J. Jahnke, KB9NM | Tel: 860-594-0300 =
= ARRL/VEC Manager | Fax: 860-594-0259 =
= 225 Main St | Internet: vec@arrl.org =
= Newington CT 06111 (USA) | MCI MAIL ID: 653-2312 =
= | =

==========

4189. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <52r8p2$ms7@lehi.kuentos.guam.net>
Source record: 215802

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>In article <52kh2s$8s6@news.ais.net> carl@ais.net writes:
>>In <1996Sep26.213952.25949@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>>>Amateurs can certainly continue to *try* to use their older
>>>modes of choice, but it will become increasingly difficult to do so.
>>>Those who *voluntarily* choose to use superior modes will have greater
>>>success, and eventually those who want to be successful on the bands
>>>will follow their lead. This was the case when SSB displaced AM. AM
>>>was not banned, but it became increasingly untenable to use while SSB
>>>offered those who switched considerable advantage. This is just natural
>>>selection at work. No one was coerced to switch, it just became obvious
>>>that it would be stupid not to switch.
>>
>>Gary ... your point is (as usual) valid ... however, the CW folks
>>continue to refuse to even consider switching ... in light of yout last
>>sentence above this speaks volumes :-)

The above statement may be valid to Carl The Freedom Fighter, but
to me it sounds like bunk. Sure, SSB displaced AM. But one's and
zero's aren't anywhere near displacing dits and dahs.

Gary, you are in the testing business, so how about we do a little test.
You mentioned you use Pactor or Clover, I forgot which, maybe both.
And you said above:

>>>Amateurs can certainly continue to *try* to use their older
>>>modes of choice, but it will become increasingly difficult to do so.

My 'older mode of choice' is CW. I don't think it's very difficult at all
to make CW contacts on the ham bands. My favorite number is 500.
So how about you give me a date and time to start the test, you make
500 contacts with 500 different stations on Pactor, Clover, whatever,
and I'll make 500 contacts with 500 different stations on CW, and we'll
both post our logs here and see who had the most 'difficulty' completing
the test. To make things interesting, let's allow the use of all the HF
bands. Run what you brung. No need to make 'quality' contacts, just
make contacts - pretend we are both in the middle of a large disaster
area and we are crying for 500 people to come help us. If we can exchange
signal reports, we can talk for a half an hour, no need to bore the world
with our little test. If 500 is not a good number for you, make it a thousand
or whatever. You know more about testing than I do. We could even post
the logs on a daily basis so eveyone can see how we are doing.

Wanna Play ? Here's you chance to show the world how well your digital
stuff works and make us old fartz look bad.

73, Jim KH2D

4190. Re: question for carl and the no code group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <52r77t$l1l@freenet-news.carleton.ca>
Source record: 215803

Ramon Gandia (rfg@nome.net) writes:

====== snip ======

> fun on 14005.
>
> While I strongly support doing away with the code test, I most
> vehemently oppose any elimination of the CW mode and sub band
> accomodation for it. This only makes sense.
>
> Ramon, AL7X Nome, Alaska

Your interchanges about CW are the only ones worth reading. Intelligent, concise and productive.

My contribution to all this is quite simple. I strongly advocate a graded license for the simple reason that not all who enter amateur radio do so for the same reasons. Some like 2m, some like DX, some like CW, some like it all. So the graded license is important to a) grant access to some bands , and b) preserve full access to those who fully use it.

CW's death has nothing to do with its involvement in amateur radio. No more so than tubes were replaced by transistors because tubes were dropped from ham sets. CW died by itself, like everything else over time. This doesn't negate the fact that it is still the simplest form of communication. Turning on/off a xmtr. No mic, no amps, nothing. Crystal (galena) radios are still in use today and are still being made. They are a riot. Obsolete, sure, who cares.

I enjoy CW and use it. Wish I could go faster. Its inclusion in the license, however, could be better replaced with another test more effective (and fair) for granting right-of-passage to full bands. Full bands shouldn't be accessible to everyone just for the asking, it should be worked for, a bit like money.

Totilooo

--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

4191. Help : Crystal Testing

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: 73473.1753@compuserve.com
Message-ID: <52r8g4$fhi@arl-news-svc-4.compuserve.com>
Source record: 215804

Hi,

I'm looking for a kind of jig tester to measure zero-phase series and parallel resonance of a crystal.
Does anyone know some literature about that ?

Thanks in advance !
Ted

4192. Re: for Gary

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-01 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <52r7iq$nna@freenet-news.carleton.ca>
Source record: 215805

Jim Cummings (jcumming@clark.dgim.doc.ca) writes:
>
>> Regards,
>>
>> Sam Morse
>>
>
> 73 and live better digitally
> Jim, VE3XJ

Jim, CW aside, digital modes are great for computers but what about people?
--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

4193. xNOS PPP connection to Win/NT server

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: Francesco Bosio <Fbosio@asit.uni-bocconi.it>
Message-ID: <32522B26.4009@asit.uni-bocconi.it>
Source record: 215556

Hello,

I'm trying to configure xNOS to connect via PPP and DIALER to a Win/NT

server. Have you ever experimented such a connection ? AUTOEXEC.NOS
and DIAL script would be very helpful.

Please send any info or tips to: Fbosio@Asit.Uni-Bocconi.It

Thanks and best 73

IW1BXL / Francesco

Fbosio@asit.uni-bocconi.it

Iw1bxl@ik1iyu.ipie.ita.eu

4194. Re: Digital/Analog HF Receiver Design

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: keinanen@sci.fi
Message-ID: <52ta1o$hqg@tron.sci.fi>
Source record: 215557

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>Here's what I'm doing now. I take the I and Q outputs of the
>R2 mixers and feed them into the Analog Devices EZ-Kit DSP
>board. The codec there has the necessary brickwall filtering
>and samples the signals at 44 kHz.

<deleted>

>Of course since the codec on the board is only 16-bits, I don't
>get the dynamic range I want, presently only 48 db (though I
>have 30 db more in software controllable gain in the codec).

I am a bit puzzled, since I assume that a linear 16 bit codec is
used and the signal to error ratio improves with about about 6 dB/bit,
with 16 bits you get 98 dB (6.02 db * 16 bits + 1.76 dB) of signal to
error rate. That 48 dB sounds like an 8 bit ADC.

>But as noted above, that won't remain a problem much longer.
>And just as well that I'll be going to separate converters
>because the stereo codec I'm using now only has 80 db of
>channel to channel isolation, and that's not going to be
>enough when I go to 24 bits.

With 24 bits you get 146 dB SNR. In direct sampling of the RF signal
this would be very desirable, but do you really need so much dynamic
range in the I/Q system. You have to have some anti-alias filters
between the I/Q mixers and the ADC and with this you gets rid of the
problem of very strong signals with an offset more than 20 kHz from
the desired signal. If we assume 300 K antenna temperature (-174
dBm/Hz) and 20 kHz anti-alias filter bandwidth, the equivalent antenna
noise power is -141 dBm and with 146 dB SNR, the maximum signal would
be +5 dBm. On HF, the antenna temperature is several order of
magnitudes more than this and thus the dynamic window can be shifted
upwards allowing maximum signals in the order of 1 W within the 20 kHz
passband. In my opinion, it is not realistic to design ham gear for
such a specification. A 16 to 20 bit system would in most cases be
sufficient, with a great reduction in cost.

>I will need a DSP with wider registers to handle 24 bits,
>and a faster clock wouldn't hurt, I'm running out of
>processor cycles. Fortunately that exists, but it is still
>a bit expensive.

It is allways nice to have some extra bits in fixed point arithmetic
to store the intermediate results. Wouldn't the 24 bit 56000 series
from Motorola be sufficient if you limit the ADC to 16 to 20 bits ?

Paul OH3LWR

4195. Re: question for carl and the no code group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: Ramon Gandia <rfg@nome.net>
Message-ID: <32524161.5D52@nome.net>
Source record: 215558
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Jim Conn wrote:>
> People often argue that while they would be for dropping the morse
> requirement, they would be for a stiffening of the written tests, to
> serve as a barrier against the millions of new hams I mentioned.

Well, I fully support the no-code idea, even if I am an extra class ham and a c.w. man (besides the local repeater for chit chat with the boys).

The exam does need some strengthening. I am a VE so I know whereof I speaketh. But it does not need strengthening in technical matters; I thought the written for codeless technician to be fairly wide in scope and depth as a technical test.

No, where I think it needs strengthening is in operating practices; things like radio etiquette, radio lore, perhaps some history and tradition; good operating (no lids, no kids...), etc. Many hams today, quite a few with extra class calls, are doing nothing but yelling, shouting and using apalling language on the air. 20 meters is often a zoo.

We need to get these zoological creatures off the air, and perhaps a written test that addresses the issue better might be the way to "stiffen" up the ham radio written exam.

You know, its a funny thing, but if you just operate voice modes and SSB, and the ham on the other end is visiting at an extra class shack and using the extra call -- which is okay if the extra is on the premises -- I bet you can't tell the difference between a no-code guy and the real extra class. Being a good operator is matter of good taste, courtesy and willingness to help the other fellow. Some knowledge and experience help a lot, of course, but I think it is soon enough acquired.

However we have to straighten things out a bit, or pretty soon a whole new generation of hams are going to have as their example, not the good operators, but the zoological creatures that seem to be invading the bands.

One nice thing about CW is that the people there are usually much more gentlemanly.... perhaps because it is such a pain in the arse to pound out insults and foul language on a telegraph key.

By the way, my counterproposal to the whole argument is: eliminate the code test from ALL amateur class exams, but KEEP c.w. subbands. If digital modes eventually start stomping on the c.w. guys, then I

think a small band for just HF (and weak signal VHF) CW would be in order.

Just think, a guy gets his no code license, which theoretically allows him to operate on 14,005 kHz. But he does not know the code, so he stays in the zoo area. Maybe a year later his appetite for cw gets whetted, and he learns it....5 wpm at first, but at least he HAS it. Now he can fire up on 14,005 and participate, and in a couple of months he would be up to snuff with the rest of us. That doesn't sound too bad, does it?

I just don't see why passing a code test is neccesary for the folk who dont want to use CW, or even, why take a code test at all. After all, you wouldn't want to fly a plane unless you knew how!

And....the FCC never game me a speech test, or require me to address an audience over a PA system thru a microphone, yet they allowed me to operate voice modes. Seems a bit incongrous, now that I look back on it.

Ramon, AL7X, Nome, Alaska <<-- pro no code BUT pro CW subbands

4196. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <52tio4$4ii@lehi.kuentos.guam.net>
Source record: 215559

dg198@FreeNet.Carleton.CA (Frank Sved) wrote:

>Jim Kehler (pacrimgolf@kuentos.guam.net) writes:

>============= snipped a lot of garbaji ==============
>>
>> And I know many who do. But they are just as irrelevant to the testing
>> requirements as those you know who don't. Doesn't matter who likes
>> it or doesn't like it, as long as the FCC thinks we need to take CW tests,
>> those of us who want to get on HF will continue to take them.
>>
>> That's just the way it is. It's da rules.
>>
>> 73, Jim KH2D

>It's DIT rules or DAH rules?

Yes. That's correct Frank.

73, Jim KH2D

4197. Vain CW op Calculates

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: Larry Deering <ldeering@haven.ios.com>
Message-ID: <3252786F.7497@haven.ios.com>
Source record: 215560

The wait for Gate 2 results lets us rethink CW, bandwidth, etc. For instance, the number of applications on day one is roughly 4000. If the FCC typist is actually one CW op running 20 WPM, how much longer than three weeks (the estimate to input all of the calls) would it take?

Each form has the current call, and 25 requested calls, for a total of 26. If you assume each call is a word, that's 26 words per form. Of course, the requested calls tend to be very short (N2EE vs. KJ0QJY for instance!).

The time for one CW op @20 wpm = (4000*26)/20 minutes, or 5200 minutes, or 86 hours 40 minutes, which is two work weeks and a day.

A real cw op would be faster of course, sending the same 1x2 calls over and over again.

sigh!
Larry Deering, WA2YTE

4198. Re: Answer for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <52tht4$4ii@lehi.kuentos.guam.net>
Source record: 215561
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

dave@fgh.fgh.oz.au (Dave Horsfall) wrote:

>Jeeze; I leave this group for a year and come back to it, and nothing's
>changed...

Jeez, Dave, don't tell us they have a no code tech license in Australia too ?
What kind of changes were you hoping for ?

73, Jim KH2D

>Well, the world is full of bigots; why should Amateur radio be different?

>--
>Dave Horsfall VK2KFU dave@fgh.oz.au Ph: +61 2 9957-4224 Fx: +61 2 9922-5286
>FGH Decision Support Systems P/L, 77 Pacific Hwy, Nth. Sydney, 2060, Australia

4199. Re: question for carl and the no code group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: Ramon Gandia <rfg@nome.net>
Message-ID: <32524FB2.519D@nome.net>
Source record: 215562

Frank Sved wrote:
> Ramon Gandia (rfg@nome.net) writes:
> ====== snip ======
> > While I strongly support doing away with the code test, I most
> > vehemently oppose any elimination of the CW mode and sub band
> > accomodation for it. This only makes sense.
>
> Your interchanges about CW are the only ones worth reading. Intelligent,
> concise and productive.
>
> My contribution to all this is quite simple. I strongly advocate a graded
> license for the simple reason that not all who enter amateur radio do so
> for the same reasons. Some like 2m, some like DX, some like CW, some like
> it all. So the graded license is important to a) grant access to some
> bands , and b) preserve full access to those who fully use it.
>
> CW's death has nothing to do with its involvement in amateur radio. No
> more so than tubes were replaced by transistors

Well, I do not think c.w. is dead, but the QRM level *does* seem to
be down a bit!

Remember, in the old days, mostly home brew gear (I used to build
all my transmitters but had no real luck with homebrew receivers),
it was not easy to get on phone. The a.m. transmitter, and later the
ssb sets were much more complicated and expensive to build. Voice
was considered the mode for the rich, or those with building abilities.

Today, of course, you can buy a brand new HF ssb set for under $900.
That is not much money, maybe 2 to 3 weeks of wages for a guy. I
recall when nice sets like Viking-II's, World Radio Labs 300 watt
sets, etc used to go for $600...$700 and the Collins KW-1 were over
$2,000. In those days, a grown man earned maybe $250 - $1000 a
month, with about $500 being average (1960). Thus such a transmitter
would run two months of wages and did not include ssb, a receiver,
or even a v.f.o. in the price!

I do not think that phone, be it ssb or f.m. is in any way today
considered an "elite" mode for the rich or technically minded.
In fact, CW is rather the "elite" mode, because all no coders stand
in awe when I fire up and operate on 14,005, or some other nice
low end spot, and chat at 20, 30 wpm on c.w. and write out the qso
in nice lettering on a yellow note pad. Quite a few are interested...
not that they will commit to learn the code, but at least they seem
to recognize the usefulness of the mode. Many are amazed at the

amount of information that can be sent on moderate to fast c.w.
with proper procedures and abbreviations.

The same difference is between a phone call and a letter. The
phone call is the no brainer, but the letter takes some organizing
of thoughts and leaves no doubt about what was said. In many cases,
e-mail or a snail mail letter is a faster means of communications,
even if it is not quite real time!

As to license classes, I too see a need for graduated or incentive
(pardon the french, is "incentive" a bad word?) licensing. But
I do not think the multiple classes we have today are really
neccesary. Nor is a separate license needed for every mode and
interest.

The license is there to separate the wheat from the chaff. It is
what guarantees that the person has some comitment to the hobby, for
the hobby's sake. Not just a guy with enough money to buy a radio,
but someone who goes beyond just the instant gratification. I think
a proper written test can do this.... in fact, it does not have to
be terribly technical, I think a *lot* more emphasis should be put
on good operating practices, etiquette, radio lore, etc. Then we
get good operators (or we hope we do!).

As for the guy being technically minded, not even the FCC expects
an extra class ham to be able to build a synthethized ssb transceiver.
It takes some masochism to do that -- and stay under the Japanese
price!

What is wanted from a technical test is to be able to insure that the
guy can recognize proper set operation when he sees it; and that he
can competently use the radio in a legal manner. And if things go
wrong, like TVI, RFI, harmonics, etc. he can recognize it, and be
able to do something about it.

There are lots of people that drive cars but are not mechanics.
Lots of people that fly airplanes, but are not aeronautical engineers.
And lots of people play golf, but they can't build the balls!

The question is, does this lack of knowledge create a hazard? Consider
the automobile. Say your brakes go soft, or the brake pedal goes
almost to the metal. I think the point is: a driver who is not a
mechanic should be able to recognize that he has brake problems and
stop the car, or drive to a garage and have it checked. But surely
he does not need to be able to delve into the brakes himself.

So I think the test should have that sort of perspective in mind.
Sure, technical knowledge is required, after all, ham radio is a
technical hobby. In fact, if radio experimentation is to your liking
(it is to me), then you will soon be a radio tecno-nerd building
spread spectrum gear or bouncing signals off the moon. But a lot
of people do not have that inclination, and do something else with
their ham tickets. This is not bad. However, I think that ALL

hams should have a rudimentary knowledge of what is AM, FM, SSB, CW, meteor scatter, tropo, propagation, moonbounce, weak signal VHF, etc. I don't mean to give a test on how many db gain it takes to bounce a signal off the moon, but they should be aware that it is a mode that can be used by those interested in it, and that it needs some quiet spectrum, etc. With this knowledge comes respect.

Respect means that no one gets clobbered by planting an FM repeater smack dab in the middle of the moonbounce, or some such monstruous thing as a warbling teletype on the middle of a maritime ham ssb net.

I envision a 2-step license. The first one should be something to tempt the new guys. Give them a fairly simple test, somewhere between novice written and technician, with the emphasis, I think on good operating practices and non technical issues. But enough theory to recognize problems and be able to more or less set things up with only a bit of help from the Elmer. This license would grant limited privileges. More on this later.

The upper class license would convey full amateur privileges, that is, all modes, all bands, highest power, etc. All radio hams now having say a General or Advanced and up could grandfather into this, in fact, maybe even the techs and the tech pluses. I have no problem with this.

Reason being if a guy can pass the general written, it does not really take much more to pass the extra class written. And really, if a guy can operate on 20 ssb with a general license, the only reason for requiring an extra for another part of 20 ssb is that the powers that be decided it to be so. Otherwise, if the guy is NOT qualified to operate 20 ssb, he shouldn't. To me that indicates that a general class licensee is deemed competent to operate on 20 ssb, and any limitations to narrower bands seem to be just prejudice or part of the "good old boys club".

So, what privileges to grant to the entry level license? Well, I think someone can get hurt by high power, high voltages, maybe even get his brain or eyeballs fried by the electromagnetic r.f. fields. So obviously, this license should be for much lower power than 1.5 kw.

It seems to me that the power level that is consistent with no real hassles with the above criteria is the 150 watt transceiver size sold by the Japanese. However, a good argument for lesser vhf power can be made, perhaps in the interest of TVI, or r.f. radiation biological hazards. In this regards, the Japanese vhf or dual band rigs seem to top out at 50 watts, with a few minor exceptions. This might be the power level chosen for this license on vhf and up.

After all, we don't want our newcomer to get swamped by TVI complaints before he knows more about the hobby!

What about bands. Well, I am completely at your mercy here. I think all vhf and up bands, of course. Then maybe some HF, for

sure 10 meters and 160 meters. The rest, could be something like full privileges except the low power on 40, 30, 17, 15, 12 meters. Perhaps some limitations on the frequencies available for 80/75 and 20 meters as these bands are crowded. Note too that 30 meters is currently c.w. and digital only, so the no code newcomer would have operating privileges there, but he must use code and digital. Likewise on the c.w. sub bands. So the guy is faced with the fact that he is allowed to operate on 21,020 kHz, but he must use c.w. there, and to do so he better learn it on his own 'cause the FCC is not going to make him do it!

Now, the numbers I threw out above are just figures done without much meditation on the matter, but you get my drift... This entry level license would be VERY useful, yet will keep the new guy out of trouble with neighbors, allow him to get experience on HF -- even CW if he wishes to master it -- and yet not add significantly to the 20 meter SSB QRM.

It would, in fact, provide the incentive to get the final license.

I foresee a lot of people going for this so they can chat locally, participate in repeaters, fox hunts, and run around with the local ham club guys (ham clubs could well get a resurgence from this). The HF privileges are good, and may be all he ever wants, paticularly if he a sailboat guy traversing the ocean, etc.

Now comes the matter of how do we accomplish all these noble goals?

Well, there has been a lot of complaining that Carl and his internet postings are hot air, with no specific proposals. Well, if I was Carl I would be faced with a bit of a problem.

That is that the FCC will turn down the petition for no code HF license of any type because it is not in accordance with international treaty. Note that there is provision for countries to exempt themselves from this requirement -- like Japan with their HF 10 watt license -- but it must be done by Congress (or is it the Senate for treaties?). The FCC is powerless in this regards; however, at the international conferences they could present the views of the current U.S. lawmakers.

So the three avenues are: (1) Change the treaty or the Geneva rules so that code is no longer required or is up to the individual country's administration. (2) Don't change the treaty, but get the Senate or Congress to instruct the US ITU delegation to notify at Geneva that the US exempts itself from the morse code requirement. (3) Note that the requirement for code, by international obligation is merely to know the code, no speed requirement is. I am pretty sure that if you just memorize the 26 letters and 10 numbers and be able to answer questions on the written as "What is the dot-dash pattern for the morse code letter 'M'", and the 4 multiple choices follow, it would probably be okay legally. THIS could be done at the

FCC level.

On thursday evening I have a meeting with Senator Ted Stevens and probably Rep. Don YOung. The meeting is for enlightened Republicans and folks active in party matters (I was a delegate for the State Convention). Maybe I can make a mention, but if the gentlemen just don't know anything about ham radio, morse code, then I will drop the subject in favor of writing a letter which can be processed by their staff. And surely the ARRL will hate *this* life member for it! Mind you, I don't think that I have the right to force a change in the rules. Present system works, and lots of hams will not agree to it. However, it needs to be considered. We need to start some dialog among hams, no coders, ARRL, FCC, and proceed along official lines.

The way it is now the FCC slams the door in your face "its a matter of international treaty". The ARRL puts out a "Survey". But this survey was taken of ARRL members, which although it represents a large portion of the ham population, is actually a rather distorted representation of it. I think most ARRL members are people that are pro-ARRL, participate in ham radio politics like Director elections, etc. etc. I think a lot of little guys are being left out, specially young ones that would rather take a girl out on a date or buy a gadget for their ham shack than to take out a membership in ARRL. Sure, QST is a better deal when a member vs buying at a newstand, but you CAN afford a QST at the news stand, while the membership takes some real dollars, the accumulation of which is agains all teenage principles!

So, from the far north of Alaska, where we are getting snow, ice and abominable snowmen....not to mention a pretty girl behind EVERY tree here in Nome, I bid you adieu, and 73.

Ramon. AL7X, Nome, Alaska. Ham since 59, extra '62, ARRL VE.
====> keep the c.w. subbands. Do away with the code test.

4200. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: Ramon Gandia <rfg@nome.net>
Message-ID: <32525390.618A@nome.net>
Source record: 215563

macino@ibm.net@smtp-news2.ibm.net wrote:

> >This is 'torture' and a mind '*uck' to say the least, especially after how
> >many damn government shutdowns due to scum sucking politicians in D.C.? Yes
> >*all* of them.

Well, since I was a Republican delegate at the State convention, let me set the record straight, and I think this is pretty bipartisan, just history.

The Republicans demanded Clinton sign an agreement to do the budget cuts or he would not get the continuing resolution to fund the federal government. Clinton refused and Clinton, not congress, mandated the government shut down. He had the option of continuing to run it on reserves, but he did not.

On the other hand, if I was Clinton I would have done the exact same. After all, it doesn't take a rocket scientist to figure out that no one is going to sign a paper agreeing to a budget, when the budget has not been turned over to Clinton to look over. How in the heck that Newt and his cronies figured it was remotely fair, not to say utterly stupid, to complain about Clinton not agreeing when Clinton did not have the damn budget? Or the Republican's final 2002 deal?

This is where Clinton gained the moral high ground and it looks like he is going to have it thru Nov. 5. Personally, I think Dole would make a fine president, and I suspect Clinton will break many of his promises, but never mind. There is no way that Dole is going to win this election, thanks to an utterly stupid jump-the-gun act on the part of congress.

What uncle Newt should have done is give Clinton a continuing resolution for a couple of months, like Clinton and Pannetta wanted, a clean one, and then when the budget is finished, present it to Clinton and say: heres the budget, sign it, or give us an acceptable counter proposal or take the consequences when the continuing resolution expires. This way I think the Republican congress could have kept the moral high ground, and, lets face it, it would have been fair. The consititution says Congress passes and prepares the budget (in fact, I think it says the HOUSE).

But the way it was done, even I, a true-believer in the Republican truth and light was totally apalled. I won't even mentioned the shenanigans at the State Convention. Even more apalling. Which I might bring up Thursday Oct 3 meeting with Sen. TEd Stevens here in Nome.

But I am sure there are a lot of Democrats out there with horror stories about their party too.

Hey, this is supposed to be about ham radio! Hope you get your call. I hate mine. AL7X sounds worse than my handpicked one KL7FM years ago when us extras could pick our call and before the creation of 2 x 1 calls. But all the guys here in Nome tell me to keep AL7X instead of reverting to KL7FM (which sounds great on CW!). So I didn't file for gate one (former call) like I could have.

What do you think about my call? Should I keep AL7X or go back to KL7FM ??

Ramon, AL7X, Nome, Alaska

4201. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: Ramon Gandia <rfg@nome.net>
Message-ID: <3252577A.11A4@nome.net>
Source record: 215564

> >: Randolph Kielich wrote:
> >: > So I guess it's more anxiety and dread until I determine if mine
> >: > got there too early even with the bank clearing my check.
> >
> >: Hey Randy, ever consider getting a life? :-) Ham calls don't
> >: deserve all that energy.
> >
> > I'll determine what is or is not important to myself in this life
> >time and no one else. If I need a 'personal manager' for my life, I'll go
> >out and hire one, thank you.
>

Heck, don't worry. The new name for the internet is the "whiner's society."

To lighten your spirit, the latest fisherman joke in these parts:

--- Ever notice that when you get three or four fishermen together, there is usually a fifth? ---

Ramon, AL7X, Nome, Alaska

4202. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: Ramon Gandia <rfg@nome.net>
Message-ID: <325258A7.6F34@nome.net>
Source record: 215565

Bart Jahnke, KB9NM ARRL/VEC wrote:

> > : to say the least, I mean custom call signs for the well off ;-$
> >
> > Another good reason I don't support ARRL unilaterally.

Well, one nice thing about the ARRL is they move slowly, carefully,
and never seem to take rash actions. Hurrying up ends up in
mistakes that stay with us for a long time. Like the 11 meter fiasco
where the FCC moved fast.

Latest fast move: Clinton signed a budget that will take in $23
billion dollars from "spectrum sales, mostly to broadcasters".

Bet you dollars to donut holes that guess what frequencies are
going to be sold to whom, when?

Ramon, AL7X, Nome, Alaska

4203. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: Ramon Gandia <rfg@nome.net>
Message-ID: <32525C51.525D@nome.net>
Source record: 215566

Carl Stevenson wrote:
> >>>Susan Ness is correct. We can accomodate arbitrarily many
> >>>amateurs on HF if we use techniques better than the ones
> >>>we use now.

<< snip >>

> >>I would suspect that the Hon. Ms. Ness only knows that because some
> >>engineer on her staff told her that, but at least SHE has the sense to
> >>believe good engineering advice ... that's a LOT more than can be said
> >>for significant numbers of today's licensed hams ...
> >
> >While I do believe you are correct that Commissioner Ness is
> >a lawyer rather than an engineer, you must also realize that
> >she has a different objective, a different metric in mind,
> >when she looks at spectral usage than current amateur licensees
> >have.
>
> That's EXACTLY the point *I've* been *trying* to make ... we HAVE to
> understand HER agenda and HER metrics or we're screwed from the start.
> The things that we presently have to offer will NOT stand up to the
> commercial interests in the future ... we have to modernize and grow in
> order to be able to stand scrutiny under HER metrics ...
>
> >She is charged to maximize spectral value in the public
> >interest.
>
> And we won't measure up very well right now ... and if we don't change,
> it'll only get worse in the future ... the old guard may not like or
> want to accept this reality, but reality it is ... sticking our
> collective heads in the sand is suicidal, 'cause the commercial
> interests will come along with one of those big, gas-powered
> "weed-wackers" (the kind with the steel blades, not the light-weight
> kind with a stupid nylon string) and wack us off by our scrawny necks
>

Right on CArl, and the new budget deal between Clinton and congress
balances the budget (or reduces the gap) partly from $23 BILLION
dollars to be raised within the next two years from the auction of
spectrum space. Guess who is liable to get their spectrum sold
out from under them?

If not this time, come two years when the politicians have given the
money to foreign aid and welfare, they will come back for another
round of auctions, and another round.... until the FCC has no more

spectrum to auction off.

The answer is not necesarily how efficiently we can use the bands, but actually how many hams we have in the ranks, the rate of growth, whether it is stagnant or not, and the amount of money generated into the economy by radio manufacturers. Like it or not, those are the figures the politicians like to see, not some high-faluting thing like "a reserve of radio operators for in time of war" or "public service" or "emergency communications". Those things are the Politically Correct (PC) way of talking, just like "save the Whales, or SAve the Spotted Owl" makes great headlines and raises cash.

But once in their back offices beyond the hearing of C-SPAN, the words you'll hear are more likely to be: "What did that crazy hobby do for Ten-Tec here in the state? Oh! You mean the ham radio population is stagnant, and Ten-Tec cut their work force by 20% due to lack of sales? Gee, we better find a better use for all that spectrum. Sell it off to begin with....at auction. Then go ahead and let Ten-Tec get a nice contract to make LEO transceivers, and Jim, see to it that Ten-Tec gets a nice insider line on this contract...."

No offense meant to Ten-Tec, I just picked any american manufacturer name at random. But you get the idea. Congress likes to know things like money, jobs, and industrial growth. And everybody wants to see the Dow Jones get to 6,000 !!

Ramon, AL7X, Nome, Alaska

4204. Radio Pwr Amp.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: eric@contact.net
Message-ID: <52ssp0$6j8@neon.Mlink.NET>
Source record: 215567

I am operating a pirate radio in the 88-108 Mhz band whit a kit base on a BA1404 Ic chip tha provid a stereo composit signal. THE PROBLEM. The signal is to week for me. Ill need aroud 1Watt (or a bit MORE)to be fully satisfy. The kit I own now delever around 0.001 Watt (About Half a mile from the antena). I made my self 3/4 wave leth antena with 4 radial. I would like to know if some one could help me by sending me a schematic of a Pwr. Amp. that could run on 12 V. please.

I'm despritly waiting for your feedback.

E-Mail:eric@contact.net

4205. Re: for Gary

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct2.122619.8082@ke4zv.atl.ga.us>
Source record: 215568

In article <52r7iq$nna@freenet-news.carleton.ca> dg198@FreeNet.Carleton.CA (Frank Sved) writes:
>Jim Cummings (jcumming@clark.dgim.doc.ca) writes:
>> 73 and live better digitally
>> Jim, VE3XJ
>
>Jim, CW aside, digital modes are great for computers but what about people?

Frank, radio waves are great for radios, but what about people?

All communications is ultimately person to person regardless of
any intermediary equipment that may be used. Equipment which
makes the communication more efficient, fluent, and/or transparent
benefits the people trying to communicate.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4206. Re: Please, folks...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: Ramon Gandia <rfg@nome.net>
Message-ID: <32526FB0.4E31@nome.net>
Source record: 215569

Carl Stevenson wrote:
>
> In <52s4s7$kps@dfw-ixnews7.ix.netcom.com>, bdbennet@ix.netcom.com(Robert Bennett)
writes:
> >The motion to "End Discussion of Morse Code on r.r.a.m. " has been
> >moved and seconded, All those in favor say "AYA"
> >
> >Bob - kg0rj
>
> Kill-file the threads if you don't want to read them ... otherwise quit
> bitching ...

Well, not bitching, but I have to say AYA to this suggestion.
Not only would we not bother the r.r.a.m group, but if we want to
talk Morse, we know exactly where to find our favorite targets
for flames!

Ramon, AL7X, Nome, Alaska

4207. Re: Speed writing with Morse code

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: Ramon Gandia <rfg@nome.net>
Message-ID: <32526F22.54C@nome.net>
Source record: 215570

AAEEEDK@snds.com wrote:
>
> Does anyone have experience using speed writing or shorthand while
> copying morse code. I am approaching my handwriting limit as far as code
> speed (around 25 wpm). I know at real fast speeds words are copied but
> I would still like to write the message down.

Well, handwriting does get limited to 25-30 wpm, specially if long
text is copied, your hands turn to stiff clubs!

Shorthand is no good. It is harder to learn than the code; and
many things said in radio bands have no shorthand notation.
Things like call signs, signal reports, RST, QTH, 73 etc etc need
to be spelled out, so shorthand will only save you maybe 5 - 10% of
the writing. Clearly not worth the effort.

On the other hand, you can type the copied code pretty fast. Ted
McElroy, the all time cw code champ could copy code and type it
out in excess of 80 wpm.

If you do not know how to type, it will take you maybe six months
of one hour a day schooling to get up to decent speed, like 60
Wpm and up. It is a worthwhile learning skill.

On a computer keyboard, with a word processor that wraps lines, it
is duck soup to type it out. I like to use all capital letters
as then you don't have to keep track of the shift. You might need
to reprogram a key or two so it prints out correctly instead of the
other shift state character.

The military taught us guys to copy code and type it out in these
olive-drab Underwood or Royal manual typewriters. They were horrible.
But they made good copy and a lot faster than hand writing and not
so tiring.

Be advised that even if you are a good typist, there is a degree of
mental coordination needed to copy code and type at the same time.
You will find that you can listen to the code, but not type it, or
you can type and lose track of the QSO! Kinda like rubbing your
stomach and patting your head. This is because the BRAIN part
that does the code seems to be the same part that does the typing,
(at least for us 35 wpm guys!) and until your brain finds different
neurons and trains them to handle both jobs at the same time, you
will find that 5 wpm will try your skills at both code and typing.
However, keep at it and in a few weeks your speed will shoot right
back up again.

If you do this only ocassionaly, lioke copying weather reports on c.w. and things like that, or ARRL bulletins, it is much easier to copy them to a casette recorder and then play it back at half speed. You need a 2-speed tape deck for this, and they are commonly sold for taping telephone conversations. Some microcasette recorders also have 2 speeds, and many have variable speed. Secretaries use it to record conversations, and then slow it down to transcribe on paper. The voice gets lower pitched, but not hard to follow. Ditto for CW sound.

Ramon, AL7X, Nome, Alaska

4208. Re: VANITY CALAMITY

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: Stan Vandiver <kd9be@pla-net.net>
Message-ID: <3252885C.34BB@pla-net.net>
Source record: 215571

joseph barros wrote:
:>
:> Just found out that all this fuss about getting applications in on
the
:> opening day of gate 2 was a BIG waste of time. First in first out
:> doesn't apply. It's a big "lottery" system (as it was described in a
:> WWW page). All info is being entered into a computer and entries will
be
:> selected at random and their respective call signs issued. I thought
I
:> remember reading that calls were supposed to be issued on a first
come
:> first serve basis! But, then again I guess the saying, "I'm from the
:> government and I'm here to help you" applies. NOT!!

Well... maybe not *too big* of a waste of time -- I'd still rather be in
the Day 1 lottery than Day 2's or Day 3's, etc.

Best regards,
Stan/KD9BE (but not for long maybe...)

4209. Re: Question: Choice of HAM equipment

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: Ramon Gandia <rfg@nome.net>
Message-ID: <32526A40.2A48@nome.net>
Source record: 215572

Aravind Srinivasan wrote:
>
> A person I know, a registered Ham user in India, wants to buy ham
> equipment to communicate within 50km in rural India. One problem is
> that the region has some high hills. Could you please let me know if
> which among HF, UHF or VHF (for base station and mobile transceiver) would
> be appropriate for this purpose? Would repeaters be necessary? Any
> information will be appreciated.

Well, the cheapest is to do this. Put up a dual-band radio
transceiver, like the Alinco DR-605 on a hill top. Have it
listen on UHF, like 440 mHz and transmit on VHF, like 145.5 mHz.
This is a repeater, but it is very cheap as the radio is about
$550 dollars and no external duplexers are needed.

Then, all mobiles, portables, and base stations within range of
the repeater station transmit on UHF 440 mHz and listen on 145.5.
For this you again need dual band equipment. The person at the
repeater site can also communicate with all other stations, and
all other stations can talk among each other and talk to the
repeater station. 50 Km diameter circle, ie, all stations are
no more than 50 km away from the farthest station, is easy coverage
for this sort of equipment.

The VHF/UHF radios are about $450.00 dollars, and the antennas
are real cheap, only one antenna is needed at the repeater site.
Antennas are in the $25 to $75 dollar range.

As long as the repeater is on a high hill, even if not quite in the
middle of the area, it should work okay. However, some cautions;
do not assume that coverage is guaranteed between any two spots. The
high hills will create areas of radio shadows. It may mean a weak
signal, no signal, or a signal only with a high antenna. However,
I would guess that with the proper siting of the repeater, you would
easily cover 95% of the area.

It is important that you check coverage before you commit yourself to
making the repeater a permanent installation. For instance, get a
truck or an automobile and put a collapsible mast on it of sorts,
and try the repeater at several locations. Sometimes moving a few
meters make the difference between two awkward spots.

Next, do not be tempted by high power. On vHf/UHF, 30 to 50 watts
is plenty. Of much greater importance is antenna height. Even on a
hilltop, putting the repeater antenna high -- at least above the tree
tops -- will make a far greater difference in signal strenght.

Using HF equipment will not work reliably. You will find that some days you can talk to a station 500 km away, or even 5000 km away, but not 30 km away. Other days there will be no signal at all. And other days it will all be fine. The reason is that HF signals do not travel well over the ground, as the ground absorbs them. What the signals do is go straight up into the air, and bounce back from the Ionosphere. At night, particularly, talking 30 or 40 km might be a problem

Lastly, if you are setting this equipment up for radio hams, it is all well and good. If you are using it for non-amateur purposes on the amateur bands, you should check with the Indian government about such use, where you will probably be told that it is not allowed.

However, in many parts of the world, the amateur radio bands are smaller than the U.S. bands, and the american/japanese radios will work fine on spots next to the Indian ham bands. Such use is probably okay with the Indian authorities, but check with someone qualified to answer that question with regards to which channels are permitted and what equipment restrictions there are. Here in the United States, amateur equipment can be made by anybody. For commercial/safety bands, or mission use, etc. the equipment must be made to commercial standards and tested in a government approved lab. Many governments in countries with less radio use are much more lenient in this regards. However, if you do need commercial equipment after all, you will find the prices for the radios to be double to triple what I quoted you, and the repeater would be in the $3,000 range. And most likely, you will not use a UHF to VHF repeater but one within the same band (VHF in - VHF out) or (UHF in, UHF out). This is much more expensive even for hams.

If you have to go the commercial route, I would suggest UHF equipment as it seems to less prone to interference, has comparable range, the antennas are much smaller and can be put up higher much more easily, and the repeater stations are substantially cheaper for UHF because the duplexer is much simpler.

Good luck to you, Sir, and feel free to contact us for advice about ham radio any time. If you are not a radio ham, or your friends and associates are not either, we invite you to join our ranks and become part of a very friendly society. Although, judging from internet postings, we DO shout at each other sometimes!

Ramon Gandia, Nome Alaska. AL7X. Licensed, 1959. Owner of two-way commercial radio shop and other businesses.

4210. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: "Bart Jahnke, KB9NM ARRL/VEC" <vec@arrl.org>
Message-ID: <32526B24.1FB3@arrl.org>
Source record: 215573

Anthony R. Gold wrote:
>
> In article <32511FFF.1FA5@arrl.org>
> vec@arrl.org "Bart Jahnke, KB9NM ARRL/VEC" writes:
>
> > Of course that issue is moot now...and the fee is $30 up front, and $30
> > or more every ten years.
>
> The ten year anniversary is unlikely to coincide with license
> renewal. Does the FCC have the power to revoke licences for which
> the vanity fee remains unpaid? Or will the FCC change the call to
> one they judge to be less `vain' for free and for no fee at all,
> after explaining to congress that such a change costs them money.
>
> This program of rented calls is a can of worms.
>
> Regards,
> --
> Tony - G3SKR / AA2PM email: tgold@panix.com
> tgold@microvst.demon.co.uk
> packet: g3skr@n0ary.#nocal.ca.usa.na

Tony:

Ten years from now at renewal, if a fee is still required--but if it is not paid as required, the FCC will probably give that licensee 30-90 days to pay up. Then, if no fee shows up, the FCC would probably reassign a sequentially-issued call sign from the, then current, call sign block for the persons license class.

73,

--Bart KB9NM

==========
= | ARRL HQ =
= Bart J. Jahnke, KB9NM | Tel: 860-594-0300 =
= ARRL/VEC Manager | Fax: 860-594-0259 =
= 225 Main St | Internet: vec@arrl.org =
= Newington CT 06111 (USA) | MCI MAIL ID: 653-2312 =
= | =
==========

4211. CW QSO

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: wlfuqu00@service1.UKy.EDU
Message-ID: <199610021411.KAA01447@service1.cc.uky.edu>
Source record: 215574

CW is a primary mode of communications for many hams and is intended to be
a back-up mode for all HF hams. Example:
Your having a QSO with another ham. And suddenly QRM!!! Another station is
interfering with the guy your talking with. Could have just been a change in
propagation or a lid, doesn't matter. You check up 10Khz and find a
frequency not in use. Reach for the key after you hear other guy turn it to
you and send: "Kf1xyz kf1xyz de kf4xyz QRM QRM PLS QSY up 10 ...." (this is
one reason CW is allowed anywhere in the ham bands)
Well the QRM has left just long enough for you to hear the other guy say
"kf4xyz this is kf1xyz there is a lot of QRM and someone sending code too."
So much for that QSO. He did not even recognize his own call sign. Good
thing it was not
an emergency.

73
Bill wa4lav

4212. Re: CW Goooooood!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: Rick Perry <kg7a@wolfenet.com>
Message-ID: <32527DCF.4C57@wolfenet.com>
Source record: 215575

Michael Herrron wrote:
>
> Bottom line is that there will allways be us CW ops on the ham
> bands. If for no other reason than that it is fun, and not so hard
> to use after you have applied yourself to it to get some speed up
> to a reasonable clip say 25 to 30 wpm. Iam sure alot of people
> would rather everything be handed to them like welfare and
> unemployment but they have little or no real dedication to their
> plight. They will be here today and gone tomarrow. Allways looking
> for an easier way to to get something they won't appreciate much in
> the end anyway. The best thing I've seen happen since no-code is a
> big increase of quality used VHF ham gear available from those who
> only have marginal interest in hamming. I bought a almost new
> FT-5100 for 300 bucks a year ago from such a person and he threw in
> about another $150 worth of ARRL publications and mobile antennas!!
I agree, code is good!! AMEN

4213. Re: FCC License Processing Time...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: Doug Slate <dougs@nrv.net>
Message-ID: <325273C0.2662@nrv.net>
Source record: 215576

Robert Bennett wrote:
>
> Well getting the piece of paper could take 3 weeks, but why not just
> check on the Internet Fcc servers and watch for the issuance of the
> call sign. Once issued, the person is able to use it on the air.
>
> >
> >Can anyone tell me approximately what the waiting time is nowdays from
> >VE submission to Call issuance to receipt of license in the mail?
> >
I took my exam last year, may 1995. It was a friday. I called and got my
call-letters on the next wednsday. The following (A little over one
week) monday, I got my license in the mail. Hope this helps.

--
73's from Doug, KF4ABM
<<Where do I place the stamp?>>

Come visit me at: http://www.nrv.net/~dougs

4214. Re: for Gary

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <52ttp2$m51@freenet-news.carleton.ca>
Source record: 215577

Jim Cummings (jcumming@clark.dgim.doc.ca) writes:

====== snip ======
>
> Aside from the fact that I have a lot of fun using digital modes to yak
> with other hams (being able to send graphics and pictures on Clover only
> touches the surface), I would suggest that you go to the next packet
> group at the Museum of Science and Technology every two months. They
> have had a number of demonstrations that blew me away. For example,
> the work that VE3PFD is doing with his digitized speech experiements
> (imagine, a handheld using AX.25 to send digitized speach), or VE3OSY's
> efforts of digital FSTV (its a tad jerky, but amazing nonetheless) Note
> that both of these individuals have not undertaken to learn Morse code.
>
> There is a heck of a lot more to amateur radio than to sit down and learn
> Morse code.
>
> 73 and live better digitally
> Jim, VE3XJ

With all due respect, I really don't need to be exposed to more digital modes. I've worked with digital electronics since I was a teenager. I'm not a pro by any means, but I've built computers and communication systems (s/w protocols included). I see nothing different between digital comms and other forms of modulation.

Not to say that their work is worthless, on the contrary it is interesting and important.

However, personally, digital modes are ok for digital machines. Analog to digital conversions thru sampling and other techniques have been around for some time. My only insertion to this whole debate is quite simple. Anyone can build a simple CW xmtr, can anyone build an analog/digital converter?

Just food for thought.

--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

4215. QST all New England Clubs

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: leo@jove.com
Message-ID: <52tvvg$e73@decius.ultra.net>
Source record: 215578

QST all NE Amateur Radio Clubs

The Council of Eastern Massachusetts Amateur Radio Clubs (CEMARC) will be holding a meeting at the ARRL NE Division Convention in Boxboro. The meeting is on Sunday 10/6 from 9:00 - 11:00 AM. All NE clubs are invited to send a representative. This will be an informal forum for sharing ideas and information relative to club activities. All convention attendees are welcome. We will also be hosting a special event - the two candidates for ARRL NE Division Director will participate in a 30 minute Q&A panel. We look forward to seeing you in Boxboro.

Please help disseminate this information by any and all means. Also, please note the printed mailing had a typo indicating the meeting was only from 10:00 - 11:00 rather than 9:00 - 11:00 AM.

73
Larry Ober KC1VS
ARRL Affiliated Club Coordinator EMA Section

4216. I wanna learn Morse code! :-)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: shopmark@sn.no
Message-ID: <52u06q$b6v@frysja.sn.no>
Source record: 215579

I have started reading to the HAM licence, and have started thinking
of beginning with the morse part of the licence..

Do anyone have programmes etc. to help me learn the morse code
alphabet? Tips etc. would also be great!

73's!

4217. Re: Need help understanding tower lighting

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: Ramon Gandia <rfg@nome.net>
Message-ID: <3252833A.64B4@nome.net>
Source record: 215580

do not send junk e-mail wrote:
>
> >In <52cg4r$8ao@hptemp1.cc.umr.edu> sidener@halley.cc.umr.edu (Scott
> >Sidener) writes:
> >>
> >>Hi, I am about to put up a 100 foot freestanding tower on my
> >property.
>
> Towers under 200 feet require no lights or markings.

Not so. The FAA is the one that governs this. The process is that the FAA reviews the tower, and they issue a notice of HAZARD or NO HAZARD to air navigation. The FCC will follow the FAA advice, and will not give permission otherwise. In rare cases a broadcast station might make a point that their tower will be in the public interest and airplanes have to avoid them, but for hams, no way.

I have done this with commercial towers about three times, and my ham tower (102 footer self supporting) once. I am now at a new QTH in the same town, so have to do the paperwork again. It is not hard at all.

Here is what the rule says, in plain english. If you are within 10,000 feet of the nearest point of the nearest airport, or helicopter pad, your tower may not exceed 20 feet above ground, or tree or man made structure other than another radio antenna. Thus you cannot build a 20 ft GMRS antenna, stack a 20 foot commercial repeater, and a 20 ft ham antenna. This won't work.

If you are within the airport itself, then there are special rules, not all spelled out by the FAA but spelled out in the operating manual and rules approved for that airport.... which usually means the municipality or the State. Otherwise, the 20 ft rule applies (and airports without approved plans and manuals are usually light aircraft type airports).

Now, say you are beyond the 10,000 ft point. In that case, you can go to 200 feet (or is it 180), and is not considered a matter that needs studying by the FAA, and the FCC does not consider it a "major action".

If you are within 10,000 feet, the tip of the antenna must not penetrate an imaginary slope of 100:1 from that airport. In that case, ground elevation comes into play, which it does not for the over 10,000 ft case.

The exception again is the 20 ft rule. You can be 10 ft from the airport and are allowed to go 20 ft above your house chimney to the tip of the antenna.

As an example, the official airport elevation is 1200 feet above sea level. Your house is exactly 5000 ft away but on a hill that is 1300 feet high, or 100 ft higher than the airport. OK, take the 5000 ft and divide by 100, you get 50 feet. Your antenna tip may be at the 1250 ft level, or comply with the 20 foot rule. Since your tower base is already at 1300 feet, you cannot put it up without FAA study, unless you stay under the 20 ft rule.

This is not the end of it. The FAA actually uses the 100:1 slope as a margin of safety. The criteria for allowing the tower are actually much more lenient, and the chances are good even your 100 ft tower on the hill would be okay. However the 10,000 ft radius and 100:1 slope is the demarcation for what needs FAA study and what does not.

The criteria goes like this, but I am not going into details. Each runway has an imaginary extended runway center line out to the 10,000 ft from the runway end. There is an imaginary trapezoidal wedge which is about 500 ft wide at the end of the runway, and it fans out to maybe 2000 ft (forget) or maybe more at the 10,000 ft point. This wedge slopes up at a slope of 50:1 for air carrier airports (read jets). The wedge is smaller in size and has a steeper slope for medium airports, and small airports. This depends on the length of the longest runway, not just the one that is pointing at your QTH.

There is also a "horizontal clearance area" which is like a round lid centered on the airport, 150 ft above the runway elevation and I forget the radius, but maybe a mile or two, but not over 10000 feet.

The slopes for smaller airports and heliports are generally 40:1 and 20:1.

There is one more slope, but it is so steep that probably goes above the 150 ft lid. That is a 7:1 slope fanning out broadside from the runway (actually the landing area which is somewhat wider than the runway itsef. It is as wide as the 500 ft or similar for the start of the runway end wedge. Narrower for little airports.

Not all is lost if your antenna penetrates any of these slopes. The FAA will also consider whether your antenna presents a hazard to existing airport operations. For instance, if the runway slope you are penetrating is landing jumbo jets on instruments, ahd has the fancy instrument landing system, etc, expect no leniency. If the runway is used for circling, vs straight in approaches, then the FAA will decide, at a committee, on what action to take. If the airport is used for strictly good weather visual flights, particularly for smaller planes, they generally will be much more generous.

However, the key to the thing is this. If the antenna pokes into any of these slopes, a notice is given to the public which has 30 days to respond. This notice might take a month or two before it gets circulated, so the process will take at least 3 months. I get these circulars all the time as I am on the mailing list. I am a 14,000 hour retired bush pilot.

Anyway, say Joe Blow at Joe's flying service gets a hair up his arse, and thinks the tower is going to impact his crop dusting or his student training flights, he will submit comments to the FAA. Usually people that do not object will not reply to the circular. But there is a line that you can sign and signify no objection.

Once the FAA gets all of these "valid aeronautical objections" back from the public (they also post in bulletin boards), then they consider your application and the objections. Right now I will say that unless the tower is egregious, they are inclined to grant the tower. However, depending on the alignment of the planets and the phase of the moon, and the mood of the FAA office personnel, or even if the wife shouted at him that morning and the car had flat tire, they might say no.

The yes or no usually takes this form. The thing will be titled Determination of No Hazard to Air Navigation, or the dreaded Determination of Hazard to Air Navigation. This will also be sent to the FCC so they can match the FAA ok or objection to your application. In the case of Amateurs, where you do not apply to the FCC for most towers, the copy you get is your permission to proceed or denial. Howefer, the FCC has the copy on file and if was a Hazard no no, and the inspector comes around, then they will get you in Civil Court for all you got. And their lawyers are very good, have public opinion on their side and win 99.99 % of such cases.

Typically you will get responses like this in the Determination of Hazard.

"The tower exceeds the horizontal zone by 30 feet" that is, your tower poked up 30 feet above the 150 foot height. This can happen with a short tower if you are on a hill.

Often the FAA will say right on the form that you may reduce the tower by 30 feet and proceed. Or they might contact you by letter, and if you agree to cut your tower 30 feet, they will just grant you the Determination of No Hazard and will not pass out any more circulars.

If your tower exeeds the slopes, not all is lost. Often there are hills, terrain, or other man made objects that govern what airplanes do in that area. However, any penetration of the slopes generally means you must mark and light your tower, but you are allowed to build it. Also, and particularly for smaller airports, if you at right angles to the runway, and not to close, they will let you go above that 150 foot lid....but with lights.

Try to avoid lighting your tower. They DO inspect these things regularly, and if your bulbs burn out you are in trouble. But not as bad as if you stuck the tower up without permission!

The people that inspect is the FAA. The airways inspectors and sometimes the safety inspectors (the same guys that checked out the value jet thing), will just travel around the area by car and just check to see your lights are all operating. Most obstruction lights are doubled up in case a bulb burns out.

The lights must operate from sunrise to sunset with a manual switch, or with a timer that corrects for seasons, or with a timer set so the lights come on before sunrise/sunset regardless of season, or they could be photocell controlled and the specification is the amount of light with the photocell pointing "at the northern sky".

One final caveat, because we see this all the time. If you abandon your tower, or sell the house but leave the tower up, even if the guy that buys the house is a ham or a commercial radio licensee, the responsibility for this tower, its paint, height and lights continue to be yours. There is a procedure for transferring the paperwork, but I have never seen it. Big fines are handed out for this.

A lot of people think the FCC inspectors don't ever come around, and they don't enforce FCC regs. That is probably close to the truth, but this is the FAA not the FCC. The FAA will handle the matter, although the FCC will send you a letter stating that the matter has been refereed to the FAA for action. Then you deal with FAA inspectors and lawyers and their in-house administrative law judges. Appeals are possible, but expect to pay $10,000 up in fees. And if you lose on appeal they will usually fine you the max.

All airports with any commercial activity whatsoever, even just a little tiny piper cub doing flight instruction on Sundays, or Joe the crop duster, get at LEAST one monthly inspection. Which one of these will also check your tower I don't know, but they surely will if Joe the cropduster complains about your tower in any way.

The larger the airport, the more often the feds come around (teams of two or more always). Big airports get daily visits monday thru friday, and many airports have permanent FAA inspectors staioned on them. Their attitude used to be good until a few years ago when the FAA got hard nosed and populated the inspector ranks with real jerks.

The value jet crash made the Congress dictate that in the future the dual charter of the FAA -- to enhance and promote aviation and safety -- has now been amended to be simply -- to enhance and promote safety. No longer do they promote aviation.

This has very profound implications. Basically the FAA inspectors, even the hard nosed ones, were people you could reason with, explain circumstances to them, etc and if you made your case, they would

dismiss the matter and would not go beyond their office. For example, you could tell the guy: Gee, the bulbs burn out last week on a power surge, and the new bulbs are on order and haven't arrived yet. Here is my checkbook to prove it. Okay, they would have probably dropped it right there, but admonish you that in the future you MUST notify the FAA local office about your lights being OTS so they NOTAM the pilots about the fact. This they do in circulars and on regular radio announcements. If the tower is a real hazard without lights, they may have told every plane specificlly on the radio. Or they could order you string some lights up there right now.

However, this attitude slowly changed starting about 1975-78, and the FAA most of the time must furnish the report to the regional counsel, with a recommendation to take no action. This is internal FAA policy and we can never know exactly what the policy is at a given time. Be advised we are not dealing with Washington FAA here, but the FAA regional offices which are little enclaves of power. For example, the permission for Boeing to build, fly and sell the 747 jet is not issued in Washington or even reviewed in Washington. It is handled by the Northwest Regional FAA office in Seattle. So these guys are basically omnipotent in many matters. Washington only gets about the second or third level of appeals.

The value jet thing has changed a lot of this. Now the FAA inspectors are JUST COPS. The mandate from Washington is for the regionals to enhance safety. This is Washington/Political euphemism for "bust the guys". Specifically, the Value Jet did not address towers, but the ruling will affect all FAA policies, including towers, and will eventually determine the type of person that gets hired for inspectors and airways personne. Translation: things will get tougher real_soon_now.

Before I close, I will also observe that there are more airports than meets the eye. Quite often we think of the 500 or so served by airliners, or the 200 or so served by airline jets. Or the county airport with a couple charter outfits and a flight school. Well, airports come in all sort of sizes, shapes and many are not obvious unless you go right to it.

Crop dusters often take a farm road, and designate it an airport. They send in a piece of paper to the FAA, and presto, instant Airport (not quite, there is the circulars and notification period), but since Joe the Radio Ham is not on the mailing list, and he probably does not frequent airport bulletin boards etc., the chances are he will never know. So DON'T ASSUME FOR ONE MINUTE YOU KNOW ALL THE AIRPORTS IN THE AREA EVEN IF YOU ARE A PILOT111

Oh, and the aeronautical maps or the airman's guide/flight supplement or airport guide will have it, right. Not so. Privately owned airports not open to the public are not shown on the maps. They used to be, but the FAA, in their infinite wisdom decided that since joe public couldn't land, they would not list them.

You will likely miss heliports on top of hospitals, (but the 20:1 slope for these are not too onerous). Farming areas often have airplanes based there.

Now, the FAA will only protect airports from radio towers if they are official airports, that is, an airport for which the paperwork has been submitted to the FAA. If you are a farmer, and have a Cessna 172 to check on your cattle or dust your crops, and you do not file the paperwork with the FAA, might find some day a broadcast staion sprang up overnight half a mile away with one those awful 1,200 foot towers and maze of guy wires .... and strobe liights that go clickety-clack day and night!

So it works both ways.

By the way, once your tower is legally up, a new airport or a new use for the airport will never take it down. But if your tower falls down, and you do not promptly rebuild, you might lose your Determination of No Hazard.

Also, some structures are beyond the control of the FAA/FCC. Tall buildings, church steeples, flagpoles, big signs, and maybe even tethered balloons,although I think the FAA closed the balloon loophole. Here is how it works in case noisy airplanes got you ticked off and you want to fix the airport but good by putting up, not a radio tower but a Church Steeple or an obelisk a quarter mile from the runway end (the Tokyo airport was shut down like this with a 70 story building about 600 feet past the end of the runway, the government had to buy all the land for two miles and pay primo dollars for it. I am not aware of anything like this happening in the USA. But here it goes.

You will often find that the City, Muncipality or County or even the State might have a mandatory Building Code. Somewhere in there, in fine print, it will say that all structures must conform to notification, approval and light/marking as per FAA/FCC regs. Some towns do not have mandatory codes, but are optional, like here in Nome. So I guess I could build my obelisk here..... but the City does require a building permit, and they approve it as they see fit, and the City fathers are very much aviation minded around here, so they might just say "get the FAA approval before we grant this."

So don't worry, they will get you coming and going. And if not, there is the insurance companies. Here is how it works. You see a little airport a quarter mile away. You decide to put an obelisk there so Joe the crop duster does not wake you up at dawn with a roaring engine. You check the building codes, not mandatory in the State or County. You are outside city limits. No building permit required. Aha! I got the sob's.

So you put the obelisk up, and Joe the cropduster runs into it at dawn the next day. Doesn't even dent your obelisk. Well,

the authorities and the insurance companies will not see it that way. Read your policy, you will probably find exclusions for "deviation from the STANDARDS for aviation safety." In other words, they want you to build your obelisk as if it was a radio tower. In court they will not defend you nor pay the benefits. And be assured that the estate of Joe the Crop Duster will sue you for all you got with a most excellent chance of winning. Grounds are: deliberate construction of a hazardous structure and a peril to air navigation". Etc etc. And if they even get wind you did it just to stop Joe, they could not only sue you, but also maybe get your for murder one. However, you could probably build your obelisk if you inform the airport, etc. Also however, if you notify the FAA it means to them that you are voluntarily requesting the Determination of Hazard/No Hazard (like for buildings and non regulated structures), and they most assuredly will issue the Hazard one. In which case if you go ahead and put it up anyway, they can't make you take it down (unless the City or some other local law cna be made to apply), but when a structure is put up without regard to the Determination of Hazard to Air Navigation, the courts, the insureance companies and probably even God, will take the stand that you are responsible and liable for all consequences. Even telling Joe the Crop duster might not work. Some day a student pilot from Podunk, Arkasas 100 miles away will decide to land there and bump your obelisk and there you are. Penniless. And maybe even defending yourself with far less chance than O.J. had for his double murder charge. [I am white, but my opinion is that the police sprinkled blood on the scene like a catholic priest sprinkles holy water. We'll never know if OJ did it, the police ruined its own case. And the glove didn't fit. The guy may end up penniless too, unless his dough is in Switzerland or the Cayman islands or put in trust for the kids.]

Lets see what sort of flames that last statment gets from the fringe element on the ham newsgroup!!

73, and good luck to you

PS: check with the FAA office for the latest regs and numbers, I am about 10 years out of date on all of this stuff. It will be more or less the same, but who knows what the exact numbers are?

Ramon, AL7X, Nome, Alaska [all I got right now is a 2 meter whip on the roof. Want to put my tower up this
next summer? I am well within the distance
to two airports and a heliport. Want to see the paperwork?]

4218. Re: for Gary

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: Jim Cummings <jcumming@clark.dgim.doc.ca>
Message-ID: <3252BA48.285E@clark.dgim.doc.ca>
Source record: 215581

Frank Sved wrote:
>

> With all due respect, I really don't need to be exposed to more digital
> modes. I've worked with digital electronics since I was a teenager. I'm
> not a pro by any means, but I've built computers and communication systems
> (s/w protocols included). I see nothing different between digital comms
> and other forms of modulation.
>

Nobody is forcing you or anybody else to use digital modes, if one wishes to use Morse code for communications, that is their perogative. However, if you see that there is no difference between analogue and digital communications, what is your point?

> Not to say that their work is worthless, on the contrary it is interesting
> and important.
>
> However, personally, digital modes are ok for digital machines. Analog to
> digital conversions thru sampling and other techniques have been around
> for some time. My only insertion to this whole debate is quite simple.
> Anyone can build a simple CW xmtr, can anyone build an analog/digital
> converter?

So why do you care?

>
> Just food for thought.
>
> --
>
> Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

73 and live better digitally
Jim, VE3XJ

4219. Re: for Gary

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <52u2oi$7eg@abyss.West.Sun.COM>
Source record: 215582
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <3251E2D9.3FE4@nome.net>, Ramon Gandia <rfg@nome.net> wrote:
>Dana Myers wrote:
>
>>
>> If you don't have some kind of emergency transmitter to start
>> with, you're not going to have a transmitter. If you have an
>> emergency transmitter, you've got a chance. If your emergency
>> transmitter is capable of automatically calling for help without
>> human intervention, then you can free one more human to help
>> with the more important job of getting people into lifeboats
>> with adequate supplies.
>
>Well, this is not entirely correct. First, a CW transmitter is a very
>simple device, easily repaired, specially if tube type and/or non-
>synthesized. Even in regular boating I have encountered bad microphones
>and the like, or the set sends carrier with no modulation.

Well, I'm not sure what isn't correct. I said "if you don't have
some kind of emergency transmitter to start with, you're not going
to have a transmitter", and then you correct me with a couple of
examples of how an emergency transmitter can be repaired.

The 'broken mike cable' is a red herring; if mike cables are that
liable to break, why not pack a spare microphone, perhaps along with
the code key? I'm not being unreasonable - I'm just pointing out
the value of valid preparation for an emergency. Note that an SSB
transmitter does not send a carrier with no modulation, but a VHF
marine radio does.

>If I was a radio officer on a ship, and out of port on the high
>seas I burnt out an irreplaceable component on a voice transmitter,
>I am pretty sure that in a day or two I could rig it up to work on
>CW. In fact, this happens often.

A day or two? Goodness, this isn't much of an emergency, is it? ;-)
How often does it *really* happen that an SSB transmitter blows up
the way you describe?

>Now, should the boat be sinking, there is a chance to send a CW SOS.
>With call sign and everything. But if all you have is a voice-only
>rig, no way to key it, and don't know the code to boot then there is
>not much of a chance. These are not movie plots, because in 99.99999%
>of the time when the marine operator rigs up CW only capability, the
>ship makes an uneventful voyage and the needed spares can be obtained
>before the next sailing.

I suppose if the boat is kind enough to wait to sink until after the
failed radio has been hacked into a CW transmitter this helps. Wouldn't
it just be easier to pack a spare radio for situations like this?
No hacking, just switch the radios and continue operating. Maybe the
expense of the spare radio is a concern...

>Makes a lot of sense for marine operators to have technical knowledge
>and know CW. However, money has reared its ugly head, and the
>american shipping firms do not want to pay several union salaries
>at maybe $70K - $100K each per year, plus benefits etc. So they
>dreamed up this GMDSS stuff, and are doing away with the morse code
>in a few years.

Hmmm, sounds like the shipping companies could easily cover the
expense of a spare radio afterall.

>The coast guard did it sooner. In the older days, a lot of kids
>joined the military with ham radio experience, or just running
>telegraph wires thru the neighborhood. Nobody does that anymore,
>and it is a lot cheaper to buy ONE or TWO $10,000 radios than
>pay $300K each year for a properly trained operator. Under GMDSS,
>anybody (but usually the bridge crew) can get the GMDSS operator
>license. On board technicians are not required if redundant equipment
>is carried and an outside company does the maintenance. This is
>usually the manufacturer if they have a program for the boat to
>return non-working gear in exchange for a working one. There is the
>option to take a GMDSS repair person, instead of spares and/or the
>maintenance/swap contract, but this person will probably be a $100K
>union salary. So don't expect to see many of them.

Sure sounds like GMDSS is an improvement over the human code operator.

>By the way, I am all in favor of NO-CODE testing. It is just that
>I like CW, am a CW man and would settle for continued c.w. subbands
>even if the test went all no-code.

I like CW too, but I believe the claims of superiority for CW are just
too contrived to be valid.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

4220. Re: 2m Wide Open in Florida

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <52u6sm$kcr@dfw-ixnews3.ix.netcom.com>
Source record: 215583

In <cgreenha.567.3250643B@magnus.acs.ohio-state.edu>
cgreenha@magnus.acs.ohio-state.edu (Christopher K. Greenhalgh) writes:
>
>In article <52nhet$asl@dfw-ixnews8.ix.netcom.com>
kc5egg@ix.netcom.com(Gerald Schmitt) writes:
>
>>I am not a liar and I demand that you stop publicly calling me a
liar.
>
>If I catch you lieing, I reserve the right to say it.
>
>I am prepared to prove everything I say.

I am glad that you are so prepared because every time you slander me on the net I am going to complain to your ISP. If you choose to slander me from your place of employment that is your problem. Perhaps we can learn empirically all about your claimed Carte Blance internet account. You see Chris the only recourse I have is to complain to your ISP and ask to have the slander stopped.

Since you are so confident would you like to give me the email address of the University Council or shall I research that myself? No matter they will be on distribution. The smart thing would be to get a personal account but I never accused you of being smart.

>
>>I have never called any office at OSU all of my corespondence has
been
>>email.
>
>I stand corrected.
>
>>I takethis to be your invitation to register my objections to
>>being called a liar with your ISP.
>
>I have never invited you to do anything Gerald.

Perhaps defied would have been a better word than invited. What do you expect me to do? I refuse to let you can me a liar in public and you hide behind the skirts of your employer calling names. Well it won't wash any more. You call me a liar and I will go directly to your ISP who ever that might be.

>
>>Perhaps a few of the other folks who
>>you have called a liar will join me.

>
>As stated, I am prepared to prove evrything I say, or have said.

I certainly hope so. You are going to have to. Drew and others who have
been subject to Chris's slanders please feel free to join in. Direct
email to me so that we can coordinate the complaints.

Jerry

>
>Take care Gerald.
>
>
>Christopher K. Greenhalgh, N8WCT
>Computer/Electronic Tech. II at The Ohio State University
>E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
>AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

4221. AB pot and TYPE'S (allen bradley ?)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: MattZ@pond.com
Message-ID: <52u5mc$akg_002@vf.pond.com>
Source record: 215584
Cross-posted to:
rec.antiques.radio+phono,rec.audio.tubes,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Hi ....

Well Im sitting here looking at some old AB pots and was wondering if they are
any good for audio work... or anything... they seem to be pretty well made.
they are sealed with something (are they carbon tracking? btw) and what does
"TYPE J" mean ?? is that lin or log ?

if you can give me the low down
thanks if you know..

mattz@pond.com

4222. Re: Digital/Analog HF Receiver Design

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct2.162756.8783@ke4zv.atl.ga.us>
Source record: 215585

In article <52ta1o$hqg@tron.sci.fi> keinanen@sci.fi (Paul Kein&#65533;nen) writes:
>
>gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>
>>Here's what I'm doing now. I take the I and Q outputs of the
>>R2 mixers and feed them into the Analog Devices EZ-Kit DSP
>>board. The codec there has the necessary brickwall filtering
>>and samples the signals at 44 kHz.
^ effectively (see below)
>
><deleted>
>
>>Of course since the codec on the board is only 16-bits, I don't
>>get the dynamic range I want, presently only 48 db (though I
>>have 30 db more in software controllable gain in the codec).
>
>I am a bit puzzled, since I assume that a linear 16 bit codec is
>used and the signal to error ratio improves with about about 6 dB/bit,
>with 16 bits you get 98 dB (6.02 db * 16 bits + 1.76 dB) of signal to
>error rate. That 48 dB sounds like an 8 bit ADC.

Oh, I see what you're doing. The A/D doesn't respond directly to
signal power. It responds to signal current. So the proper ratio
is 20*log(2^16)=96.33 db. That's the maximum possible ratio of
signal power above the quantization noise. But I can't use that
range properly. The signal is buried in real noise (channel noise)
and mixed with real signals, both above the quantization threshold,
and it has a finite span of its own. I need that span to be more than
one bit to do any meaningful processing of it, IE so I can extract
it from the channel crud and demodulate it.

I might be able to get away with 2 bits if the signal waveform
were a simple square wave, but to recover the more complex waveform
of QPSK, I need more bits. 4 may do, but 8 works lots better.
So a 2 bit span reduces the usable dynamic range by 12 db, 4 bits
by 24 db, and 8 bits by 48 db.

Note, the A/D can *handle* a wider span than that, but if my
desired signal plus other passband crud gets within 4 bits of
either limit, it clips, and I can't process it properly. So
that effectively reduces my dynamic range by 8 bits, or 48 db.
Or stated another way, the sum of my signal and channel crud
has to stay 24 db below the all 1s condition and my signal
has to be 24 db above the quantization limit, IE all 0s. Of
course both limits don't occur at the same time, so perhaps

you could say I have 72 db of dynamic range with the current
setup. I don't think that's the proper way to look at it
though.

>>But as noted above, that won't remain a problem much longer.
>>And just as well that I'll be going to separate converters
>>because the stereo codec I'm using now only has 80 db of
>>channel to channel isolation, and that's not going to be
>>enough when I go to 24 bits.
>
>With 24 bits you get 146 dB SNR. In direct sampling of the RF signal
>this would be very desirable, but do you really need so much dynamic
>range in the I/Q system. You have to have some anti-alias filters
>between the I/Q mixers and the ADC and with this you gets rid of the
>problem of very strong signals with an offset more than 20 kHz from
>the desired signal.

The brickwall filters do reduce signals which are more than
+/- 20 kHz from the desired signal, but that isn't a great help
at HF where signals sit cheek by jowl. I need to be able to work
closer than that to a strong signal. I want to be able to work
with signals on 1 kHz channel centers at the dynamic signal
extremes.

I'm not using really aggressive brickwall filters to avoid
introducing undesirable phase shift in the I and Q channels.
About all I'm doing is 12 db per octave, IE a simple RC. I
could get more elaborate than that as long as I could assure
equal phase shift in each channel. That starts to become a
problem pretty quickly, though, and 40 db per octave is
probably about as far as is practical to go. (I can, of
course, achieve close in filtering as tight as I want with
processing, but to do that, the signals have to stay inside
the dynamic range of the A/D.)

The codec does oversample at a 64x rate (and uses decimation
to give an effective sample rate of 44 kHz), so the brickwall
requirements for anti-aliasing aren't as severe as they might
appear at first, IE the anti-aliasing rejection is 93 db in
the current setup. But that doesn't do much close in.

24 bits with an 8 bit sample span does give me 96.5 db of
dynamic range, though, and I can live with that on HF.
In fact I really couldn't use more because aliasing
could start to be a problem.

>If we assume 300 K antenna temperature (-174
>dBm/Hz) and 20 kHz anti-alias filter bandwidth, the equivalent antenna
>noise power is -141 dBm and with 146 dB SNR, the maximum signal would
>be +5 dBm. On HF, the antenna temperature is several order of
>magnitudes more than this and thus the dynamic window can be shifted
>upwards allowing maximum signals in the order of 1 W within the 20 kHz

>passband. In my opinion, it is not realistic to design ham gear for
>such a specification. A 16 to 20 bit system would in most cases be
>sufficient, with a great reduction in cost.

I think you're overlooking the need to have enough signal span to
do processing. The figures you're using for the A/D are only for the
maximum span above the quantization limit. When you allow the signals
to have a finite amplitude span which must be reproduced, the effective
range becomes much less.

It may be that I don't understand the problem correctly, but my
lashup seems to confirm what I'm saying above.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4223. Re: Question about vanity

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: Ramon Gandia <rfg@nome.net>
Message-ID: <32529CA8.DC5@nome.net>
Source record: 215586

> The Advanced class ticket is the direct descendent of the
> "Class A" license, and was born in 1953, not 1968. All old
> Class A holders were grandfathered to Advanced at that time
> and a few new Advanced licenses were issued in the 50's. Then
> tested ended for that class until the resumption of incentives
> in 1968. Holders of the class were renewed, however, so a lot
> of folks were Advanced all the way back to 1953.
>
> 73, de Hans, K0HB
> Liberator of the Blue Smoke, and
> Minister of the Fumes of Flux
>

Right on. The Class B (later general) gave you phone on 160 and
10 meters. There was no 15 meters before 1951 or 53, and 40
meters was all c.w. only. With the Class A you could use 75
meter and 20 meter phone. As I recall you had to have been
a Class B for a year or two, but the Class A test was not much
harder than the B. Code was the same 13 wpm.

There were no other licenses. Just A and B. No novice or anything
like that. When did the Novice start? 1953 I believe.

But there was an Extra Class license issued during the 1920's by
the Federal RAdio Commission. I do not know if the FCC kept this
license class when the FCC came into being in 1934. It could be
renewed, but after world war two very few were left to renew.

When incentive licensing came about in '68, they made the mess
that there is now. Former Class A's and Advanced Class
hams were grandfathered to Advanced, Class B's and generals
were grandfathered to general. Conditional (Generals with the
test by mail for people living far from FCC offices) were also
issued Generals. At one time the FCC rule was that a Conditional,
upon moving closer than the distance limit, would have to be
retested at the FCC office, which is why it was called conditional.
But later on they quit doing this as it was not practical to
retest all these hams.

Anyway, the Extra class was reinstated. Old Extras were grandfathered
in; the test and license in fact was restored in the early 60's
before incentive licensing as a prestige sort of things, with
privileges promised, but never actually granted.

Also, people holding a license before 1917 were also given
credit for parts of the test (like the morse code), and maybe

even grandfathered in. So a lot of real old timers that had dropped their license and couldn't pass the test for squat got into ham radio that way. Extra Class, to boot.

Somewhere in the 50's, the privileges for the advanced license were done away with, the license could be renewed but was no longer available for issuance, and Conditionals and Generals got to operate with full privileges. This held until incentive licensing in 1968.

Here was the lineup in 1959 when I got my ticket.

Novice. 5 WPM, dead simple written, much easier than todays Novice written. The written was simply a no-brainer. No theory or technical questions, except maybe for some dumb ones like "What does an Antenna Do" (1) radiate your signal and intercepts others (2) Creates TVI (3) Nothing (4) tangles your lawnmower when it falls down.

Privileges: 75 watts, crystal control only, 3700-3750 in the early 50's, later amplified first to 7150-7200 and then 21100 to 21250. All CW only. For a time, off and on, 2-meter privileges were granted, taken away, granted again, etc. Remember, in those days there was no FM, no repeaters and the typical 2-m rig was home made, or a Surplus aircraft SCR-522 (I had one!), or a Gonset II Communicator or a Heathkit Twoer lunch box. All of these put out a not-too-stable signal on two meters, AM, with maybe 5 watts tops. The heath had maybe one watt out. 2 meters was not popular until in the 60's the FCC changed the commercial 2-way radio regulations and overnight all lthe 15-kHz deviation radios became obsolete. Hams picked good quality RCA, Aerotron, Motorola, GE, Link.... (I had a Link!) for next to nothing...often by the pound, and instantly 2 meters went FM and never stopped.

Novice license was good for one year and was not renewable. Only issued once in your lifetime. Upgrade within a year, or go off the air. In thosed days, going from nothing to General was quite normal. 13 WPM? That was fun!

Technician. This license came about to allow experimenters on VHF. My memory fails me, but I think for a short while the 2-meter tech band was 145-147 like the Novices, but I might be wrong. IN any case, except for my 2-meter lapse in memory, it was "full privileges above 50 mHz. This license was the General written but 5 WPM.

Now, the Novice and Tech were examined by the FCC field office for years, but they phased it out in favor of test by mail. ONly one examiner, and he had to be General or higher, Conditionals not allowed to give the test.

If you took the Novice or Technician license at the real FCC office (mine was by mail), there was some sort of note in the FCC records to that effect, maybe just the issue date, and you would get credit for 5 WPM or the Written test, as the case may be. If you had an FCC issued novice, you could just take the written and be Technician, even if the tech test was by mail. This alwo worked going tech to General, you could claim credit for the written.

However, you could not use a mail order Novice license to claim 5 WPM credit on your mail order technician, however, you could take both tests at the same time and get both licenses simultaneously, which is what I did. The Novice and technician ticket combination was common.

In those days, 6-meters was the popular technician band, all AM phone, with a smattering of CW. The vast majority of these guys got on 6-meters, never worked the code, and had their novice portion expire (remember, not renewable?), so they stayed technician after that. Look in the callbook and you will see a lot of old time calls, like W2FCJ and such, and he is a tech.

Gotta practice to get the 13 wpm! I never touched 6 meters because I knew this was a venus trap to keep me from my general!

Conditional and General shared the exact same test. Except the Conditional was mail order test, the General at the FCC office. This situation existed long before the Novice and Technician licenses, even in the 1930's and was called Class C. It had the same privileges as General. No phone on 75 and 20, else full privileges.

BAnds were a bit different then. Prewar bands were 160, 80, 40, 20 and 10 meters. VHF was 5 meters (56-60) and 2.5 meters, 112 to 116. There was a 400-401 mHz band. The 160 meter band was 1715 kHz to 2000 kHz (kc/s in those days), and in several countries, like Russia, still is. It was a very popular band before the World War II. During the war, the super-secret Loran-A took over the band and amateurs were basically excluded until the mid 1960's. Basically, anyone on the coast had a 200 watt day, 100 watt night, or maybe even 100 day, 50 or 25 watt night limit. And the frequencies were specified in very narrow bands of 25 kc/s or 50 kc/s, forget which. So for instance, in California you might get 100 watts day, 25 watts night in the segment 1800 kc/s to 1825 kc/s. Buyt the hams in oregon might have 200 day, 50 night on 1975-2000. So you called CQ in your little band and tuned the whole band for replies. Long CQ's and long calls were the norm! So 160 after the war became less than popular.

80 and 40 were the same as today, but phone was more limited. 75 phone, in my day, was 3800 to 4000, but I think somewhat narrower before then, maybe 3900 and up. There was no 40 meter phone. It was all CW. In the 50's they opened up 7200-7300 for phone, and you had all sorts of fun evading Radio Moscow, Radio Peking and the Voice of America relay transmitters outside the american continent. Radio Moscow, on 7250 was reputed to have 2 megawatts and maybe 50 element collinear beam aimed right at the USA. Other than a local ham less than amile away, this was the one that would peg yuour S-meter!

20 meters before the war was 14000-14400. There is talk of recouping this 50 kHz real_soon_now. The top 50 kc/s went for the Fixed Service, mostly Russian in 1946. In addition, all soviet countries reserved 14250-14,350 kc/s for non ham use.

There was no 15 meters before 1951 or 1953. It has always been 21000-21450, and in the days until the 70's was voice on 21,250 and up.

Ten Meters was 28-30 before the war, then 28-29.7 after the war. This was a very popular band, specially after the Sunspot high in 1947 and 1958. I got my General ticket in early 1960, ten meters was hot as a pistol, and I rewound my transmitter coils to double on the final from my 807 novice rig (home made). This poor tube, as a doubler, was very inefficient and got cherry red hot in the plate, and put only 10 watts or so to the antenna. No PI network, it was all link coupled in those days.

I had the ham shack on the second floor of the house, so little 13 year old Ramon nailed 4 little nails in the form of a square to the wall. High up near the eave of the house. I wrapped wire around this in a square loop to make a one element quad element that fired norht to south. I used the new fangled coax cable, RG-11 75 ohm in those days, and my newest toy, the Heathkit SWR bridge, where I confirmed my rig was putting out, and the SWR was under 3:1. 3 to 1 was the needle straight up on the reflected setting, and the dial had a red band above that, so that was the figure to shoot for. My quad element gave me about a 1.5 swr in 28,650 where I had a crystal for.

I built a modulator with push pull 6AQ5 tubes, which were miniature tubes, but powerful. Got maybe 10-15 watts of audio out of it. A hi-fi amplifier or preamp drove it. All this was basically built the day I got the General Ticket, which took 3 - 4 months to get from the FCC. Might have taken one day for the antenna and the r.f deck, and one day to cobble the modulator, etc. The local

BC station donated some kinda microphone, and I was on
10 phone. By the end of the first day of operation I had
worked all continents, including Antarctica and Australia.
Hell of a band!

Advanced and Extra Class. These had no additional privileges until
1968 as mentioned before. The FCC rules said Generals
Conditionals and Advanceds had full privileges. Extra
Class had "full privileges" "plus any extra privileges the
commission may grant", but they never did grant any. Oh,
the FCC would, upon request, issue you a nice Certificate,
suitable for framing with the extra class license. Mine
is dated 1962, signed by the Engineer In Charge, Edwin
Klein, (KP4UW,now deceased of old age and Whisky, damn
his eyes!). This radio inspector was the terror of all
hams and we were all familiar with the little fat bastard
in the black chevvy, black rimmed tires, and US government
plates. He would come around, briefcase in hand, knock once
and barge right in. In those days, the FCC could inspect
your station, at any time, upon demand, without warrant.
Much later they added "at reasonable hours" to the reg.
Indeed, the guy liked to come around when you were on the
air, regardless of hour of day or night, or early in
the morning when you was doing your ablutions prior to
going to school. Oh, and he handed out violations left
and right, but I was th= smartest novice and he never
nailed me! Although twice I got the dreaded letter that
said "explain to the satisfaction of the Commission, within
10 days...". But in both cases it was TVI and I proved I
was not at fault. The guy must have come around about
10 - 12 times and other local hams reported similarly.
In 1959-60 he was gung-ho, but by 1967 he was too fat
and spent his time chewing his pipe and listening in on
his dual Collins 51J4 receivers at the FCC field office.

TESTS. In those days the tests were answered in long hand, they
were not multiple choice. The FCC moved to multiple
choice with the Novice ticket and slowly expanded the
program to include all classes. My own case, the technician
test was multiple choice, in 1958, I was 13. But my
General in 1960 was long hand with hand drawn schematics
for complete rigs, or parts of rigs.

"Draw the schematic diagram for a triode push pull r.f.
amplifier, show neutralization" ..... or "draw the
diagram for a one-tube oscillator-converter stage on
a superhet receiver" "draw the schematic for a vhf
superregenerative detector and show typical circuit
values for a quench frequency of 200 cycles"

In 1962 I got an offer to be a sparks on a coastal steamer, (in the end I never landed the job), so I rushed to the FCC office to take, cold turkey, the Commercial 2d telegraph and radar endorsement test. The test was also in long hand, and in those days spark transmitters were allowed for the standby radio on a ship. A Liberty Ship freighter I visited in 1961 had a tube type main set on 500 khz and few working channels just below that. The autoalarm panel was huge (it would count received dashes of several seconds duration, and when 4 or more were recieved would ring a bell in the sparks quarters. With no auto alarm, there had to be an operator on duty 24 hrs a day. Union rules dictated the hours and pay, which were very good. (Still are!), but with the auto alarm, only one operator shipped to sea on a cargo vessel.

The 500 kc/s transmitter was 5 kilowatts. In the next room over was the standby transmitters. There was a 10-inch rotary spark set on 500 kHz, and ran 15 kilowatts of power. A CW transmitter of about 100 watts would push it right out of the way, but the spark set would cut thru QRM as it was broad and you could tune to the side of the signal away from QRM. It was tone modulated in that it was a synchronous spark. This means that the rotary spark gaps were timed to coincide with the peaks of the AC power applied. With the right AC, rpm, and synchronicity -- all supplied by a big motor generator set running on 110 DC, or batteries as the situation dictated, the set would make a nice 700 or 800 cycle tone. The spark wheel was maybe 6 - 7 foot diameter, and when the key was pushed, it was awsome. FCC allowed this monster to be tested "as neccesary to ensure its condition, but not to be used for communications except in an emergency" That ruling went in effect 1934 when spark was outlawed. There was one further spark set, about 3-inches, just a fixed open spark, with a vibrator interrupter at about 500 cycles or so, but since it wasn't sychronous, the note would be buzzy and raw. The receivers were all tube, but by law there had to be at least ONE crystal set for the 500 kc/s frequency. Believe it or not, you could pick up all sorts of traffic on this thing. I wish to add that I said the 500 kc 5 kilowatt tube rig was CW. It was actually modulated CW. In other words, the trasmitter was AM modulated 100% by a tone. This ensured that AM sets as well as CW sets could pick up the signal. The modulator had no tubes. It used AC generated by another motor generator at 250 or 500 cycles. I think there was some arrangement that doubled the modulation tone, but not sure now. All this gear was immaculate, and perfectly maintained. The spark sets were totally bulletproof.

On the commercial test, 1962, there were all sort of questions on spark, all to be anwered longhand. All the intricacies of spark, sychrounous rotary, plain rotary, arc, quenched arc, crystal detectors, cats whiskers, coherer detectors, electrolyte detectors, hot-wire r.f. ammeters, etc. all had to be written out, diagrams drawn etc. Since this was obsolete stuff, it was not mainstream knowledge and would have taken time to study and learn, but I was a avid student of all these arcane things (at the time) I knew it well enough to pass the test first crack. Of course, there wss questions on tube gear, receivers, transmitters, etc. The radar test had all sort of questions on Klystrons, magnetrons, spark gap T/R switches, A scopes, S scopes, E scopes, antenna and display synchornization, etc. In a huge radar set I worked on later, the display was an electrostatic deflection CRT, with the deflection plates mounted EXTERNAL to the tube, which was 3 ft long or more for a 12 inch screen. The tube had a gear on the periphery, and it was rotated in synchorization with the big bed spring antenna. Connections for filaments, grids, and anode voltage were done thru slip rings. That set was totally awsome! At about 2.5 gHz, or maybe 400 mHz.

Instead I took a job at a broadcast station that needed a First Class operator (radiotelephone), and I tood that test cold turkey and passed. In fact the only FCC test I ever flunked was 7 times on the stupid General 13 WPM code test. I could copy, as a novice, 20 wpm or more, but when that fat bastard was standing over me taking the code test, I just got the jitters. My Novice expired but 2 weeks later I passed the receiving test and I was home free.

The code machine was a paper tape reader that could be set for speed. The code came in on headphones, but the machine was real noisy, clackety clack, so it was a distraction. Mr. Klein (damn his eyes) said, thats QRM for you! Always it seemed he stood behind me, although every time I went there (tests were Fridays only at 10 am, rigorous deadline), were at least a dozen people taking tests, maybe 50% taking the morse test, the rest the no-code commercial licenses, or amateur writtens, etc.

The commercial 2d class telegraph test is 20 wpm of plain text and 16 groups per minute of scrambled letters, numbers, punctuation marks and prosigns. The punctuation marks for the commercial test are a bit more than those for hams. They had exclamation marks, parentheses, dollar signs, percents and ampersands. For the life of me I can't remember a single one of them. Never used it on the ham bands, and 34 years is a long time. But at the time it was duck soup as by 1962 I could copy, on a typewriter, about 35 wpm -- and still do.

Oh! The ham code tests had to be taken with a pencil, unless you had a disability. Then you could use a typewriter. You were not allowed to dictate your answers for the commercial test, but I think you could if disabled, do the code test by voice. However, there was a sending test, and you had to send that by hand, the FCC would provice a straight key, but you could bring in any sort of manual key, like a Vibroplex or Lionel Bug. Mine was Lionel (WW-2 vintage, by the toy train maker, which made bugs during the war. It was the nicest key I ever had). The commercial test had to be taken by typewriter, but they allowe you to use longhand with pencil if you could not type or were disabled (like only one hand or arm). The trick here was that if you had one hand, or some other permanent disabilty, your commercial ticket would be endorsed "Not valid for use on board a vessel of the United States", but you could still work at a shore telegraph station. I saw an amputee do exactly this one time, and he got a fine job at WMT shore station, paying him a better salary than my dad made as a lawyer. And he was about 22 and a brand new operator. I have since lost track of him; he wasn't a ham. In fact, I saw very few radiotelegraph operators that were hams too. Maybe only 10% overlapped both licenses.

In later years, I took my Extra Class, just showed my 2d telegraph and instant code credit for the 20 wpm plain text on the commercial. This was in 1964 in Chicago, Ill to which I went as a tourist, and by happenstance saw the FCC building downtown, called from a pub, and sure enough, if you come before 10 am you can take any test today. Well, I opened my wallet and there was dog-eared Verification Card for the 2d telegraph, so I went right on up -- FCC offices are always on the top floor, shorter feedlines.

Showed the commercial ticket, and they looked up my ham call in a callbook, verified my driver's license, and gave me the written which I passed. Then I had to mail in my ham license (I did not have that one on me at the day of the test). They sent it back, or a letter acknowleging it, and in 8 weeks I was instant Extra Class ham. Jumping frijoles!

When incentive licensing came about, the biggest enemy of it was Wayne Green, W2NSD, of CQ magazine. Now he is W2NSD/1 in Peterborough, NH and writes-but no longer owns - 73 magazine. His style of writing has not changed one whit in 40 years or more of writing for ham magazines. He is so radical, so liberal, that even Ted Kennedy and his Democrats would be PROUD to make him Al Gore's running mate in 2000! Which is, of course, the last year of the 20th century as any educated person knows.

My remarks on modern ham radio? On 2 - meters FM, packet, SSB, moonbounce, satellites, SSTV (I built McDonalds scanner in 1959-60), solid state, incentive licensing, and no-code tickets????

Answer: You've come a LONG way baby!

Joke for the day: Notice how when you get three or four fishermen together, there is usually a fifth?

73,
Ramon, AL7X, Nome, Alaska. Pro NO CODE, but keep the CW subbands!

4224. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: little@pecan.enet.dec.com
Message-ID: <52u9ef$k1u@usenet.pa.dec.com>
Source record: 215587
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <52sgq2$975@news.ais.net>
carl@ais.net (Carl Stevenson) wrote:

> In <52n13q$nrv@usenet.pa.dec.com>, flaherty@pago-pago.pa.dec.com (Paul Flaherty) writes:

>>The reason that QSOs/Hz and not bits/Hz is the relevant metric is that human
>>beings adapt their information rates to the channel in question, applying
>>compression in various forms.

> I didn't say bits/Hz ... I said bits/sec/Hz ... that's THE valid metric
> .. Morse can be viewed as bits, just as can data, or voice (in
> digitized equivalent form, if you like) ... QSOs/Hz makes NO sense ...

Well as much as it pains me to say so, QSOs/Hz is a valid metric. It
basically measures how many concurrent QSOs can take place in
a given bandwidth. Given the variable speed at which humans generate
information, it makes sense as it measures occupancy, not throughput.
This is one reason that packet as bad as it is can provide reasonable
QSOs/Hz numbers as its wider bandwidth (compared to most OOK
Morse Code contacts) allows multiple simultaneous contacts.
A mechanism that provides high bits/sec/Hz can also exhibit high
QSOs/Hz. So both are valid measures.

>>In the end, you still
>>have to pack a number of QSOs into the available bandwidth. Incidentally,
>>the "wider is better" myth fell out of favor about two years ago.

Care to expand upon this Paul? I think Gary summed up the trade-offs
pretty well last week.

>>Oh yes you have. You've repeately called for a mandated change from
>>"outdated" technology to something new.

> No, I said "Eliminate the mandatory code test and let new technology
> flourish instead of maintaining a repressive, backward status quo."

The two are not the same. I don't believe Carl is asking for a mandated
change in technology, only an elimination of a mandated mode test.

73,
Todd
N9MWB

4225. Re: 2m Wide Open in Florida

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: cgreenha@magnus.acs.ohio-state.edu
Message-ID: <cgreenha.744.3252B075@magnus.acs.ohio-state.edu>
Source record: 215588

In article <52u6sm$kcr@dfw-ixnews3.ix.netcom.com> kc5egg@ix.netcom.com (Gerald Schmitt) writes:

>I am glad that you are so prepared because every time you slander me on
>the net I am going to complain to your ISP. If you choose to slander me
>from your place of employment that is your problem.

"Slander" is an unproven derogitory statment about someone...as stated, I have proof of what I write.

>Perhaps we can
>learn empirically all about your claimed Carte Blance internet account.
>You see Chris the only recourse I have is to complain to your ISP and
>ask to have the slander stopped.

Dont plan on much support from them Gerald...they still remember you. :)

>Since you are so confident would you like to give me the email address
>of the University Council or shall I research that myself? No matter
>they will be on distribution. The smart thing would be to get a
>personal account but I never accused you of being smart.

Your immature and childish insults aside, I have a personel account Gerald...Im useing it right now.

Take care, and good luck Gerald.

Christopher K. Greenhalgh, N8WCT
Computer/Electronic Tech. II at The Ohio State University
E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

4226. MBBIOS under Win95 - HOW ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: fredrik.elversson@mailbox.swipnet.se
Message-ID: <52uacm$p3a@mn5.swip.net>
Source record: 215589
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

Hello,

I am trying to run MBBIOS (and the DOS-versoin of FBB) under Win95.
MBBIOS won't start (i.e FBB can't sync the modem at startup). Is there
a way to let MBBIOS to have full access to COM2 ? Something to write
in the sysintem.ini-file perhaps....?

Or how is it done otherwise....

73 de Fred SM7UGE

Packet: SM7UGE@SM7UGE.F.SWE.EU
E-mail: fredrik.elversson@mailbox.swipnet.se

4227. ** New England Ham - Electronic Fleamarket Dates ** October ** Update

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: w1gsl@athena.mit.edu
Message-ID: <52udsj$i4d@senator-bedfellow.MIT.EDU>
Source record: 215590
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.info,sci.electronics.misc,sci.electronics.equipment,ne.forsale

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New England Area Ham - Electronic Flea Market *** DATES *** 1996 P 1 of 2
All events are Ham Radio/ Electronic related except ~_____~
*******************************************************************************
1996 Contact Source
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4,5 Oct Rochester NH Hoss Traders @FG x13 rt16 $20@9A $5@3PM fri Joe K1RQG

5,6 Oct Boxboro MA ARRL NE DivConv $7B+$9/S/Day Anthnoy WA1MWN 617 334 5770 F

6 Oct Woodbury NY LIMARC $15/s@7:30 $6@9 Mark NK2T 516 796 2366

11,12,13 Oct Waltham MA BCS liquidation ~comptrs~ Spencer N1JWB 508 443 8084 +

12 Oct Teaneck NJ BARA @FD Univ $10/sp b$3@8 Jim K2ZO 201 664 6725 F+

13 Oct Durham CT NUTMEG CT Conv @FG $5@9 $10/tg@4pSat Kit N1MCC 860 873 2798 F

13 Oct Queens NY @HallofScience 47-01 111st $5@9 Arnie WB2YXB 718 343 0172 A

20 Oct Cambridge MA FLEA at MIT Nick 617 253 3776 F
3rd Sunday Each Month April thru October +
***** Back in our traditional Garage location ... covered tailgate +
space is again available for everyone !!!! **** +

20 Oct Melville LI NY RCARC n2mdq@li.net Steve N2MDQ 516-584-5909 A

26 Oct Plymouth MA Mayflower RC @Mem Hall 9-3 sell@8 Jon WS1K 508 746-0162

26 Oct Nashua NH NE Antique RC $5@8 $1@9 @ Res Ctr Church 617 923 2665

26 Oct Montreal PQ CRAdeM Francois VE2FDA 514 672 9994 A+

26.27 Oct Waltham MA Photographica 10-5 $5 ~photo~ (bef 9PM) Ed 617 965 0807

27 Oct Southwick MA HCRA ** CANCELLED ** Barry N1IJK 413 747 7010 +

27 Oct Lindenhurst NY GSBARC Walter KA2RGI 516 957 0218 A+

1 Nov Agawam MA HCRA Auction 7:30PM @FH Cong Ch Steve WA1EYF 413 596 8216 +

2 Nov Waterford CT Tri-City ARC Auct @SRctr RT85 @10 noTG Bob 203 739 8016 +

10 Nov Branford CT SCARA @midSch $20/T@7 $5@9 ti 146.01/.61 203 483 0856 F+

16 Nov Poughkeepsie NY Mt B ARC @Arl HS s@6 b@8 Ken KL7JCQ 914 485 9617 +

30 Nov Newton MA WARA/1200RC Auction @Masonic $2@11 Eliot W1MJ 508 664 0773 F+
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
1997 Contact Source
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11 Jan Marathon NY SkylineARC Barbara KB2TIK 607 849 6751 A+

18 Jan Nashua NH NE Antique RC $5@8 $1@9 @ Res Ctr Church 617 923 2665

19 Jan Yonkers NY Metro70 Otto WB2SLQ 914 969 1053 A

15 Feb Marlborough MA AARC @ midSch b$3@10 $15/s@8 Ann KA1PON 508 481 4988 F+
~~~~~~
LAST UPDATE 9-29-96 de W1GSL P 1 of 2
****
Additions/ Corrections via Internet w1gsl@mit.edu
SASE for updated copy. TCPIP w1gsl@gw.w1mx.ampr.org
AX.25 w1gsl@wa1phy.#ema.ma.usa
(c)1996 W1GSL US Mail W1GSL POB 397082 MIT Br Cambridge MA 02139
P 2 of 2
~~~~~~
1997 Contact Source
~~~~~~
9 March Lindenhurst NY GSBARC Walter KA2RGI 516 957 0218 A+

5,6 April Baltimore MD Hamboree @Timonium 8A- 800 HAM FEST A

6 April Framingham MA @ HS $14@7:30 $10tg $3@9 Bev N1LOO 508 626 2012 F+

13 April Southington CT SARA @HS $15/T@6:30 $3@9 Chet KA1ILH 860 628 9346

19 April Nashua NH NE Antique RC $5@8 $1@9 @ Res Ctr Church 617 923 2665

20 April Flea at MIT Nick 617 253 3776 F
Third Sunday -- April thru October

4 May Yonkers NY Metro70 Otto WB2SLQ 914 969 1053 A

18 May Flea at MIT Nick 617 253 3776 F

30 May - 1 June Rochester NY ARRL Atlantic Conv Harold K2HC 716 424 7184 A

15 June Flea at MIT Nick 617 253 3776 F

19 July Nashua NH NE Antique RC $5@8 $1@9 @ Res Ctr Church 617 923 2665

20 July Flea at MIT Nick 617 253 3776 F

17 Aug Flea at MIT Nick 617 253 3776 F

24 Aug Yonkers NY YARC John WB2AUL 914 969 6548 A+

3-6 Sept Rochester NY Antique WA Conf @Thwy Marriott Joyce 607 739 5443 +

13 Sept BallstonSpa NY SCRACES fri 6P $4-5+15camp Darlene N2XQG 518 587-2385 +

21 Sept Flea at MIT Nick 617 253 3776 F

28 Sept Yonkers NY Metro70 Otto WB2SLQ 914 969 1053 A

19 Oct Flea at MIT Nick 617 253 3776 F

25 Oct Nashua NH NE Antique RC $5@8 $1@9 @ Res Ctr Church 617 923 2665
~~~~~~
LAST UPDATE 9-29-96 de W1GSL P 2 of 2
Source F= Flyer T= tentative early info + = new info this month
A= ARRL V= VE list D= W1DL WR NV 73 CQ QST = Mags
This list has been compiled from many sources. While we believe the info to
be accurate the author can not be responsible for changes or errors.
Check with the sponsoring organizations for more details. This list will be
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****
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SASE for updated copy as issued.
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4228. INFO on phone line patche(telephone I/face) SOURCES needed...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: jpapas@athena.compulink.gr
Message-ID: <52uap1$fso@venus.compulink.gr>
Source record: 215591
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,uk.radio.amateur

I am in search for a telephone Interface to connect my HTX-404
(Realistic from Radio Shack) pair of handheld tranceivers.
Should be able to work in PULSE-TONE Mode (The telephone system in use
here in Greece is in the process of changing from pulse to tone), and
in SIMPLEX Mode since the HTX-404 works ONLY in UHF
frequencies(430-450 MHZ).
Any sources (Phone, Fax), Price, suggestions,advises would be very
much appreciated. Thanking you in Advance John.

4229. INFO on phone line patche(telephone I/face) SOURCES needed...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: jpapas@athena.compulink.gr
Message-ID: <52uaou$fso@venus.compulink.gr>
Source record: 215592
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,uk.radio.amateur

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in SIMPLEX Mode since the HTX-404 works ONLY in UHF
frequencies(430-450 MHZ).
Any sources (Phone, Fax), Price, suggestions,advises would be very
much appreciated. Thanking you in Advance John.

4230. Re: Speed writing with Morse code

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: bb840@scn.org
Message-ID: <DynvxC.4AD@scn.org>
Source record: 215593

In a previous article, AAEEEDK@snds.com () says:

>
>Does anyone have experience using speed writing or shorthand while
>copying morse code. I am approaching my handwriting limit as far as code
>speed (around 25 wpm). I know at real fast speeds words are copied but
>I would still like to write the message down.
>
>Don Krakauskas
>NY9N
>
I've never done it (my speed isn't nearly 25 wpm yet), but I've read that
most high speed operators copy using a typewriter (or in this modern age
a computer and keyboard and word processing).
--
Jim Aeschliman bb840@scn.org
Black Diamond, Washington KD7MK

4231. Improve extended receive IC3220

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: Ronvandermey@worldaccess.nl
Message-ID: <52udld$eq2@easy2.worldaccess.nl>
Source record: 215594

Is there someone out there who knows how
to improve the sensitivity out of band
of a IC3220. I want to listen to 460-470 MHZ.
The sensitivity is dramatically!!!

4232. WANTED: 70cm DataRadio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: Gabe Nemeth <gabe@bnr.ca>
Message-ID: <3252B75E.6F55@bnr.ca>
Source record: 215595
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc

I am interested in purchasing a 440 data radio, very basic
and low cost. If you are in Ontario and have any clues as to where I can
get such a radio, please EMAIL me at gabe@bnr.ca
Thanks for reading. VE3SLJ.

4233. Max PK-96 bit rate ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: ape@atlas.spacetec.no
Message-ID: <52ujrn$27j@o.online.no>
Source record: 215596

We have bougth a PK-96 modem for testing.
Our plan is to communicate with 120 other HAM modems/radios (PK-96)
The main question is : Can we get a bit rate up to 9600 with AX25 ?
The baud rate is 1200 or 9600.
How long (worst case) will it take to transmit one packet to all the 120 radios ?

What's the best radio and modem for this job (small size !) ?

Thanks in advance for any help.

Asbjoern.

4234. Re: Help - recharging nicad batteries

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: Ramon Gandia <rfg@nome.net>
Message-ID: <32526C8C.7F83@nome.net>
Source record: 215597

Robert G. Strickland wrote:
>
> Is it okay to keep nicads in the recharger for extended periods of
> time? I just bought some nicads, and the packing label says "Leave an
> extra set on charge continuously to insure fresh battery power
> whenever you need it." I've never heard/read this before. I've always
> pulled them off charge after 10-14hrs. Any comments? If you can
> include an email answer, I'd appreciate it. Thanks.

It depends on the charger, and to some extent on the battery. There are intelligent chargers that will not hurt the battery. There are dumb chargers that stuff amperes into the poor thing until it gets all dried out. Then there are tiny trickle chargers that don't do much harm, but any such charger is slow and if left on for weeks and months will eventually cook the battery.

Then, the radio manufacturers make a big markup on batteries. They may want to sell you some! Here is why. Those nice little square boxes that are the 9.6 volt battery pack for the Super 300 handie talkie looks like it is something special. Well, the plastic box is, and made by the thousands might cost $1 each, or maybe much less.

But inside, there are just standard NiCad cells. These are available in various sizes, the most common are AA size, 2/3 length AA, and 1/2 length AA. There are other sizes too. These can be had with solder tabs on them, no tabs like flashlight batteries, or weldable ends. They cost no more than regular AA batteries in single quantities and these folk buy in bulk, so a complete set of 8 cells for the 9.6 volt example above might cost the manufacturer only $2 to $5. Figure maybe $5 in assembly line labor to stuff the batteries in, solder them and glue the lid on. You have a total investment of $10 tops. Maybe much less. These batteries sell for about $50 to $80 from the radio manufacturer, or they can be rebuilt for about half that at several places, with brand new Nicads put into your little box. For popular radios, these battery oufits will often just sell you identical battery packs. Maybe they get them from the same source that made the radio for Yaesu, Kenwood Alinco, etc.

You could rebuild it yourself, but sometimes the cells are exotic, or they are electronically welded, or the plastic box is glued so tight that there is no opening it without damaging it. And since you buy cells at retail price, the cost savinss is probably not worth the aggravation.

Ramon, AL7X, Nome, Alaska.

4235. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: Howard Coleman W6HQA <w6hqa@west.net>
Message-ID: <3252D8F2.68A4@west.net>
Source record: 215598
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Gary Coffman wrote:
>
> In article <32402BDD.4DA0@gte.net> Jim Conn <jconn@gte.net> writes:
> >
> >As one who works day to day with the latest in telecommunications
> >technology, I can say with confidence that in a very short time, using
> >ADSL technology, voice, video and 1.44 megabit data will be available to
> >everyone via their regular copper phone line for a paltry few bucks. We
> >are field testing it now. High speed digital communications will become
> >so easy and cheap in the next few years, even the most advanced SS HF
> >radio amateur modes will be obsolete by comparison of cost/performance.
> >Mankind is ready to once again "jump the curve."
>
> Sorry, that leaves Mankind tethered to a wire. As long as Man wants
> to roam free of the wire, radio won't be obsolete. It might be slower,
> it might cost more, but it won't be obsolete. (Of course individual
> radio techniques will become obsolete as they are superceded by better
> ones, but radio won't becomes obsolete as long as the alternative is
> a wire tether.)
>
> Gary

I also am involved with the "newest" telecommunications systems and have
been
for almost 30 years until my retirement 6 months ago. While The
original statement
in this message is accurate regarding telecommunications, it (in my
opinion) has
no bearing on amateur radio. They are two separate issues. What good
are the
high speed digital "wired" connections when an earthquake takes down the
wires?
When the power is down? When the back-up generators run out of fuel?
These
events can happen and did happen during the Northridge quake in
California. I'm
six miles from the center of that one. The only method we had of
getting through
on a consistent basis was hf cw. Why? Because this area is surounded
by mountains
and vhf just was not cutting it. CW got through with reliability.

Regarding satelite transmission, experience has also shown that
following a major

quake, even the dishes had to be realigned to regain communications with the
bird. Perhaps that can be done in a few minutes -- or take hours. HF is online
and ready withing minutes. Time and time again, this has been proven. Just think
back to any major emergency. Who were the newscasters getting their information
from? Was it a telecommunications hi-speed system or were we hearing broadcasts
from ham radio stations in the disaster area?
--
73 de Howard Coleman, W6HQA
WebPhone(TM) at w6hqa@west.net
Santa Barbara Section Home Page http://www.west.net/~sbarb
Santa Barbara Section FTP Site ftp://ftp.west.net/pub/users/sbarb

4236. Re: for Gary

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: Cecil Moore <Cecil_A_Moore@ccm.ch.intel.com>
Message-ID: <3252DFEE.799B@ccm.ch.intel.com>
Source record: 215599

Frank Sved wrote:
> Anyone can build a simple CW xmtr, can anyone build an analog/digital
> converter?

Hi Frank, they don't have to. Intel, et.al., did it already on a single chip also containing a microcontroller and I/O electronics. It would take me longer to get a CW xmtr working than an A/D converter working. Digital is super easy compared to RF. If it ain't a '1' or a '0' it's broke. If a digital electronics test were substituted for the CW test, ham radio would smarten up overnight.

73, Cecil, W6RCA (not speaking for my employer)

4237. Re: Speed writing with Morse code

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: ka4iqd@ntr.net
Message-ID: <3253e1ef.45250613@news.ntr.net>
Source record: 215600

On Tue, 01 Oct 1996 12:56:44 -0500, AAEEEDK@snds.com wrote:
>Does anyone have experience using speed writing or shorthand while
>copying morse code. I am approaching my handwriting limit as far as code
>speed (around 25 wpm). I know at real fast speeds words are copied but
>I would still like to write the message down.

I have the same problem except my writing dies at about 20wpm. I use
a computer logging program so I type everything I need or want to keep
in the comment field. If you don't use a computer to log you may
consider using a word processor to keep your messages.

--
73,
Steve KA4IQD
ka4iqd@ntr.net
Greetings from the Bluegrass State. Home of the
1996 NCAA champion University of Kentucky Wildcat
basketball team.

4238. Re: DX, WAS, EME Software

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: "T. Wolfe" <taswolf@iw.net>
Message-ID: <3252E92E.265B@iw.net>
Source record: 215601
Cross-posted to: rec.ham-radio,rec.radio,swap,rec.ham-radio.swap,rec.radio.amateur,rec.radio.amateur.misc,uk.radio.amateur

Paul N. Kelley wrote:
>
> Ham Software:

> Complete details and screen snapshots at:
> http://www.agate.net/~mmss.mmss.html

Paul, I couldn't get there. Are you sure you posted
the right address???

4239. Lookup address of DL7DF.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: floyd.f.lucas@tek.com
Message-ID: <floyd.f.lucas.69.000ADADC@tek.com>
Source record: 215602

Can someone lookup the address of DL7DF... He is not in my
1994 international callbook.

thanks in advance

Floyd KI7CK

4240. Re: 2m Wide Open in Florida

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: robtrobn@ix.netcom.com
Message-ID: <52uqs6$ji@sjx-ixn6.ix.netcom.com>
Source record: 215603

Boy, this went downhill fast.

To the original poster: I too enjoy the occasional 2m tropo contact.
Great fun.

Robert Lewis
Lockhart, TX

4241. To the no-code advocates re: "Sam Morse"

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: carl@ais.net
Message-ID: <52utt0$lkh@news.ais.net>
Source record: 215604

I would suggest simply kill-filing or ignoring the pro-code ignoramus
who insists on posting with th bogus pseudonym and address of "Sam
Morse" ... it's not "cute" or clever ... it's just a troll ...

It's clear that he cannot be/does not want to be reasoned with and is
totally unwilling to listen to or accept arguments that go against the
code, no matter how accurate and factual ...
so why waste the bandwidth providing gratification to someone who's not
even committed to his "cause" enough to use his real name and callsign?

Everyone is, of course, free to do what you want, but IMHO your time
here is better spent debating the issues with people who are at least
honest enough to correctly identify themselves ...

73,
Carl - wa6vse
carl@ais.net

4242. Theory Question

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: kk5dr@io.com
Message-ID: <52uu1k$fu6@nntp-2.io.com>
Source record: 215605

What Theoretical Meter band has and anttena of infinite gain ?

"Seek the truth, and the truth shall set you free."
Matt/KK5DR

4243. Re: question for carl and the no code group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: carl@ais.net
Message-ID: <52uuic$lkh@news.ais.net>
Source record: 215656
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <325038A9.7099@gte.net>, Jim Conn <jconn@gte.net> writes:
>I think 5 years after the morse requirment is dropped, there will be
>millions of new hams, 98 percent running exclusively SSB, most with KW or
>better linears. So yes, the percentage of morse users will be reduced
>thereby.
>

I think 2-3 million would be great ... and is probably achieveable with
modern licensing requirements and rules and regs that are in keeping
with today's technology and not artificially restrictive on waveforms,
coding, bandwidth, etc. This would be "a good thing."

>I see the removal of the testing requirement as a further lowering of the
>entrance requirements for ham radio. If the theory and math tests are
>made more difficult to compensate, then we'll have more engineers and
>fewer non-technical trades and professions in ham radio, and I don't see
>that as necessarily a good thing. Besides, why would the tests need
>stiffening, if the morse test requirement is dropped?
>

I don't think that the tests should be made SO hard that ONLY engineers
could pass ... plumbers and carpenters and others can learn the theory,
too. There would be significantly more engineers, though ... with
modern rules and a lifting of the Morse "choke hold." That would be a
good thing ... more technically competent folks to Elmer the
non-electronics professionals and help them to learn more about how
their radios work ...

>Will morse survive? I think the better question is, will ham radio
>survive.

Ham radio will not survive two decades into the 21st century if we DON'T
make these modernizing changes ...

>I hope you will enjoy it through all the QRM, when all those millions of
>new hams get their KW SSB rigs on the air. The only happy people are
>likely to be the equipment manufacturers, who will become much wealthier.
>

New technogies will actually REDUCE QRM while supporting far more
users/MHz than present ... SSB (as you know it) will gradually be
replaced with newer techniques yielding greater efficiencies.

KW amplifiers will become passe as everyone begins to use better
modulation and encoding schemes that permit more reliable communications
with less power ... and radios that automatically enforce the "use the

minimum power necessary" rule ... in time, using a KW amplifier will be frowned on in most applications as being "extremely wasteful" and impolite (much like running too much power through the satellite transponders and hogging the transponder power is viewed today)

Carl - wa6vse
carl@ais.net

4244. Who's Jamming 9.955?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: feustel@netcom.com
Message-ID: <feustelDyo8uv.9Jp@netcom.com>
Source record: 215657
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave

I just recently started listening to WMRI (9.955, Miami).
The last couple of nights there is a tremendous amount of noise
almost obliterating the station. The noise started as a sound
like bubbling water. Later a sound somewhat like a radial saw
came in too. Where is all this jamming coming from and why?
--
Dave Feustel http://feustel.mixi.net
219-483-1857 mailto:feustel@netcom.com

4245. Re: Radio Pwr Amp.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: carl@ais.net
Message-ID: <52uuss$lkh@news.ais.net>
Source record: 215658

In <52ssp0$6j8@neon.Mlink.NET>, eric@contact.net (eric leblanc) writes:
>I am operating a pirate radio in the 88-108 Mhz band whit a kit base on a
>BA1404 Ic chip tha provid a stereo composit signal. THE PROBLEM. The signal is
>to week for me. Ill need aroud 1Watt (or a bit MORE)to be fully satisfy. The
>kit I own now delever around 0.001 Watt (About Half a mile from the antena).
>I made my self 3/4 wave leth antena with 4 radial. I would like to know if
>some one could help me by sending me a schematic of a Pwr. Amp. that could run
>on 12 V. please.
>
> I'm despritly waiting for your feedback.
>
> E-Mail:eric@contact.net
>
>

Eric,

Your message above has been dutifully forwarded to the FCC ... please
stay home and keep broadcasting illegally and they'll be around to
confiscate your gear and deliver the NOL (that's a ticket, with a big
fine) sometime later in the week ...

Carl

4246. IPS Daily Report - 02 October 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <52utc9$82v@flare.syd.ips.oz.au>
Source record: 215659
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 02/2330Z OCTOBER 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE AUSTRALIAN SPACE FORECAST CENTRE
SUMMARY FOR 02 OCTOBER AND FORECAST FOR 03 OCTOBER - 05 OCTOBER

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 70/5

GOES satellite data for 01 Oct
Daily Proton Fluence >1 MeV: 1.5E+06
Daily Proton Fluence >10 MeV: 1.9E+04
Daily Electron Fluence >2 MeV: 2.0E+08 (moderate)
X-ray background: A1.5
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
03 Oct 04 Oct 05 Oct
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 03 Oct: 70/5

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Quiet to unsettled

Estimated Indices : A K Observed A Index 01 Oct
Learmonth 9 2222 3322
Fredericksburg 10 3
Planetary 7 4

Observed Kp for 01 Oct: 2100 1122

2B. MAGNETIC FORECAST
Date Ap Conditions
03 Oct 9 Unsettled
04 Oct 8 Quiet to unsettled
05 Oct 8 Quiet to unsettled

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band

Date Low Middle High
02 Oct Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
03 Oct Normal Normal Normal
04 Oct Normal Normal Normal
05 Oct Normal Normal Normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
02 Oct 10

Observed Australian Regional MUFs:
near predicted monthly values

Predicted Monthly T index for October: 10

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
03 Oct 10 near predicted monthly values
04 Oct 10 near predicted monthly values
05 Oct 5 near predicted monthly values

--
IPS Radio and Space Services | email: asfc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/asfc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
tel: +61 2 94148300 | fax: +61 2 94148331

4247. Re: Help : Crystal Testing

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: three@3rdplanet.com
Message-ID: <three-0210961502390001@ppp-dialup2.3rdplanet.com>
Source record: 215660

In article <52r8g4$fhi@arl-news-svc-4.compuserve.com>,
<73473.1753@compuserve.com> wrote:

> Hi,
>
> I'm looking for a kind of jig tester to measure zero-phase series and
parallel
> resonance of a crystal.
> Does anyone know some literature about that ?
>
> Thanks in advance !
> Ted

There were several old articles in QST by W. Hayward on determining crystal parameters. However, he used the 3db method of determining Q which is very sensitive and prone to error, requiring measuring two freq's very accurately to determine 3db down response of each crystal. Also, the parameters he uses in the articles are not the ones generally used in professional literature for filter synthesis.

A better method is presented in the book "Crystal Filters: Design, Manufacture, and Application" by Robert Kinsman of Motorola (Wiley InterScience, 1987). On pp. 25-27 he describes the method of using a 12.5ohm pi-network to determine Q and Fs, which lends itself to fast sorting of crystals for a target Q. All one has to do is to calculate some output voltage from the pi-network for whatever crystal Q you are targeting, and then simply look on your scope or RF voltmeter and reject all the crystals below the target output voltage level.

Its superior when sorting out 100 or so uP 9.0mhz crystals when you are designing 8-16 pole ladder filters, since differences in Fs of the individual crystals will also show up as lowered ouput readings. Thus you can also simultaneously sort out the crystals that are on the outskirts of the Fs distribution for your 100pc sample.

The Kinsman book also has the easiest to understand info that I have seen on designing lattice filters and cascading 2 and 4 pole monolithic filters.

4248. Re: WANTED: 70cm DataRadio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: Bill@halcyon.com
Message-ID: <NEWTNews.844304660.14315.bill@bill.halcyon.com>
Source record: 215661
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

In Article<3252B75E.6F55@bnr.ca>, <gabe@bnr.ca> writes:

> I am interested in purchasing a 440 data radio, very basic
> and low cost. If you are in Ontario and have any clues as to where I can
> get such a radio, please EMAIL me at gabe@bnr.ca
> Thanks for reading. VE3SLJ.

Look in QST for a ad from Tekk Radio. They make just what you are looking for
and they are under $150 each.

Bill

4249. Don Bruder: Afraid of Women?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: meliss6789@aol.com
Message-ID: <52v452$m5b@newsbf02.news.aol.com>
Source record: 215662

Yep!

4250. Don Bruder: Momma's Boy?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: meliss6789@aol.com
Message-ID: <52v453$m5c@newsbf02.news.aol.com>
Source record: 215663

You bet!

4251. Don Bruder: Lives With His Mother!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: meliss6789@aol.com
Message-ID: <52v455$m5d@newsbf02.news.aol.com>
Source record: 215664

And at his age, too!

4252. Re: Who's Jamming 9.955?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: Kevin Hecht <khecht19@mail.idt.net>
Message-ID: <32531F89.416F@mail.idt.net>
Source record: 215665
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave

Dave Feustel wrote:
>
> I just recently started listening to WMRI (9.955, Miami).
> The last couple of nights there is a tremendous amount of noise
> almost obliterating the station. The noise started as a sound
> like bubbling water. Later a sound somewhat like a radial saw
> came in too. Where is all this jamming coming from and why?
> --
> Dave Feustel http://feustel.mixi.net
> 219-483-1857 mailto:feustel@netcom.com

WRMI is being jammed by transmitters in Cuba, as the station has been
known to carry anti-Castro programming, mostly in Spanish.
--
Kevin Hecht
College of Commerce and Finance, Villanova University
khecht19@mail.idt.net khecht01@student.vill.edu
http://hudson.idt.net/~khecht19/

4253. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: Gareth Crispell <gareth@capecod.net>
Message-ID: <32534C01.137B@capecod.net>
Source record: 215666

>
> This program of rented calls is a can of worms.
>
> Regards,
> --
> Tony - G3SKR / AA2PM email: tgold@panix.com
> tgold@microvst.demon.co.uk
> packet: g3skr@n0ary.#nocal.ca.usa.na

--
It is certainly going to wreck havoc with a lot of log programs.

N1MSV

.....at the dawn of the New Age of Man,
they will abide with us.
Their glory and fire will burn like
sparks among the stubble!

Gareth

4254. Build Power supply

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: john fleenor <jlfleenor@why.net>
Message-ID: <32533F23.3940@why.net>
Source record: 215667

visit john's ham page at http://www.why.net/home/jlfleenor for free web page graphics, ham software, ham links, electronic projects and more!

4255. Radio Propogation Software Required

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: gagnon@sudnet.com.ar
Message-ID: <52uv19$6l7@lex.zippo.com>
Source record: 215668

Does anyone know of a good piece of DOS or Windows Radio Propogation Software and if so, where I can FTP it?? Your help is greatly appreciated.

4256. Re: To the no-code advocates re: "Sam Morse"

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <52v6uj$15s@anomaly.ideamation.com>
Source record: 215669

In article <52utt0$lkh@news.ais.net>, Carl Stevenson <carl@ais.net> wrote:

>It's clear that he cannot be/does not want to be reasoned with and is
>totally unwilling to listen to or accept arguments that go against the
>code, no matter how accurate and factual ...

You mean, like, someone who constantly posts code-related messages in
.misc even though they are off-charter and the person has been asked
dozens of times to move their discussion over to .policy, yet refuses?

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

4257. any AACS operators left??

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: Joesph Fenn <jfenn@spartacus.hula.net>
Message-ID: <Pine.OSF.3.93.961002194137.13436G-200000@spartacus.hula.net>
Source record: 215670

Wonder if there are any AACS operators left from WW2 out there among
the Ham ranks? Also are there any WAR DEPT ops from the same era
still roaming the good earth???. MARS just banned CW from all
DOD frequencies as of 3 days ago and never more will we enjoy the
clickety clack there. As I copied their final CW BDCST on all
MARS fqcys simulcast, I shed a tear or two for the days I will
always remember from AARS/AACS/WAR/USATS as a CW/Voice opr.

From jfenn@spartacus.hula.net Fri Sep 13 09:30:21 1996
Date: Fri, 13 Sep 1996 09:29:27 -1000 (HST)
From: Joesph Fenn <jfenn@spartacus.hula.net>

```
********************************
** **
** KH6JF (kilroy wuz here) **
** **
********************************
```

4258. Re: Help - recharging nicad batteries

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: paulc@fc.hp.com
Message-ID: <52uhq3$18o@fcnews.fc.hp.com>
Source record: 215671

Robert G. Strickland (rcrgs@regcon.syr.servtech.com) wrote:
: Is it okay to keep nicads in the recharger for extended periods of
: time?...

You'll probably get many responses on this, but here goes anyway. I haven't posted in a while :-).

It all depends on the charge rate. It's most likely *not* ok to leave nicads on a C/10 charge rate forever. A C/10 charge rate generally charges nicads in 14-16 hours. For example, my Yaesu wall charger delivers about 60 ma and charges my 600 maH battery in about 15 hours. After that, the battery starts heating and you'll eventually lose battery capacity.

How much can you jam in there "forever" and not hurt the battery but yet keep it fully charged? I'm not sure there's a clear answer. Probably something in the range of C/50 to C/100. Perhaps others will have some good data...

-Paul C. KG0CZ

4259. Where can I find calls for commercial license holders

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: Joe G Wesley <jwesley@tenet.edu>
Message-ID: <52sht5$7gh@excelsior.flash.net>
Source record: 215672

I have a need to locate some calls and frequencies for commercial license holders. Is there an online database similar to the various ham call lookups like QRZ ??

If you can send me in the right direction, please email me at jwesley@tenet.edu

73's

joe
N5RMA

4260. IPS Solar and Geophysical Summary - September 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <52scsi$ms2@flare.syd.ips.oz.au>
Source record: 215745
Cross-posted to: aus.radio,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS MONTHLY REPORT - SEPTEMBER 1996
ISSUED BY IPS RADIO AND SPACE SERVICES
FROM THE AUSTRALIAN SPACE FORECAST CENTRE

1. SOLAR-GEOPHYSICAL INDICES

SOLAR LEARMONTH AUST
Day 10 cm flux A-INDEX T INDEX
01 Sep 74 7 12
02 Sep 72 10 15
03 Sep 71 3 13
04 Sep 71 7 13
05 Sep 70 10 11
06 Sep 70 7 12
07 Sep 70 8 5
08 Sep 68 6 -1
09 Sep 68 9 3
10 Sep 68 29 13
11 Sep 68 10 7
12 Sep 68 21 4
13 Sep 67 11 2
14 Sep 67 7 -2
15 Sep 66 11 -4
16 Sep 68 16 -3
17 Sep 69 9 -7
18 Sep 69 15 1
19 Sep 69 14 -8
20 Sep 69 25 -7
21 Sep 70 18 -11
22 Sep 69 21 1
23 Sep 70 20 2
24 Sep 70 8 -3
25 Sep 71 13 3
26 Sep 70 19 12
27 Sep 70 11 -11
28 Sep 71 13 7
29 Sep 70 8 1
30 Sep 70 7 3

10 CM FLUX SUNSPOT NUMBER A-INDEX AUST FLARES
LEARMONTH T INDEX
Monthly Monthly Yearly Monthly Monthly >M1.0
Month Average Average Average Average Average
Aug 95 73.8 15.1 15.8 7.7 24.1 0

Sep 95 72.1 12.3 13.8 10.9 14.0 0
Oct 95 78.1 21.7 12.5 12.7 0.7 3
Nov 95 74.2 9.4 11.7 7.8 9.0 0
Dec 95 75.2 10.8 11.2 8.8 -2.7 0
Jan 96 74.6 12.0 10.8 9.0 10.9 0
Feb 96 71.5 4.4 10.5 9.7 6.1 0
Mar 96 70.6 9.2 10.0 10.4 1.4 0
Apr 96 69.1 5.1 p9.1 9.4 4.1 1
May 96 69.7 5.6 p8.8 7.2 7.8 0
Jun 96 69.5 11.8 p9.1 5.5 8.1 0
Jul 96 71.2 8.8 p9.3 6.8 11.0 3
Aug 96 72.5 14.0 p10.0 8.8 7.9 0
Sep 96 69.4 1.8 p10.9 12.4 2.8 0

IPS Predicted (Yearly Smoothed) Sunspot Numbers (p)

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
1990 151 128 135 128 127 139 137 138 142 137 123 133
1991*143*176 170 163 136*121*141*124*136*130*120*130
1992 153 173*156*135 96 80 89 66 67 66 84 *89
1993 *75 *77 *79 64 *63 *65 *63 *50 *37 *40 *34 *43
1994 *57 *42 *43 *27 *16 *16 *23 *18 *20 *20 *20 *21
1995 *25 *34 *24 *14 *2 *11 *12 *12 *12 *9 *14 *9
1996 *11 *8 *3 *3 *8 *9 *12 *12 9^ 10^ 11^ 12^
1997 15^ 17^ 19^ 21^ 24^ 27^ 31^ 36^ 41^ 46^ 52^ 57^
1998 63^ 69^ 76^ 82^ 88^ 94^100^104^108^112^116^120^
1999 126^131^134^137^141^144^147^150^152^154^155^156^
2000 156^156^156^157^157^156^155^154^154^153^153^153^
* = New data. T index may have changed.
^ = IPS predicted T index

==========

2. FLARES AND SHORT-WAVE FADEOUTS - NONE

2.1 Comments on Solar Activity.
Solar activity was at very low levels for the entire month.

==========

3. GEOMAGNETIC DISTURBANCES (for Learmonth, WA)

DATE COMMENTS
10 Sep 96 active to minor storm periods 00-15UT
12 Sep 96 unsettled to active
16 Sep 96 quiet to active
18 Sep 96 unsettled to active
20 Sep 96 unsettled to minor storm
21 Sep 96 unsettled to active
22 Sep 96 active to minor storm
23 Sep 96 active to minor storm
26 Sep 96 unsettled to minor storm levels

Increased levels of geomagnetic activity was observed during
the month of September. Two general recurrent intervals
seem to have emerged, the first during the period 10-16
September and the second during the interval 19-28 September.
These disturbed periods are believed to be in association
with coronal holes.

Disturbed conditions are now expected during the intervals
7-10 October and 17-20 October.

==========

4. IONOSPHERIC DISTURBANCES (for Sydney)
07-09 Sep 96 15-30% depressed at Darwin local daylight hours
14-16 Sep 96 15-30% depressed at Darwin local daylight hours
17 Sep 96 15-30% depressed at Darwin local daylight hours
15% depressed at Sydney, Townsville and Hobart
19 Sep 96 depressed 15-30% Australian region
20 Sep 96 depressed 15-30% at Darwin local daylight hours
near normal at Sydney and Twonsville
depressed 15-30% at Hobart
21 Sep 96 depressed 15-30% northern region
near normal at Sydney
depressed 15-30% at Hobart
27 Sep 96 depressed 15% Darwin and Twonsville
depressed 15-30% Hobart and Sydney region

Frequent depressions were observed during the local
day at Darwin this month.

Depressions at southern region stations were probably in
association with extended periods of geomagnetic activity
observed this month. These more widespread depressions
were observed on 20-21 Spetember and 27 September.

==========

5. IPS WARNINGS AND ALERTS ISSUED

WARNINGS:
HF RADIO WARNING:
ISSUE DATE NO BEGIN END
11 Sep 96 16 11 Sep 96 11 Sep 96
28 Sep 96 17 1 Oct 96 1 Oct 96

GEOMAGNETIC WARNING:
ISSUE DATE NO BEGIN END
19 Sep 96 10 23 Sep 96 26 Sep 96
28 Sep 96 11 30 Sep 96 1 Oct 96

ALERTS:
10 Sep 96: Magnetic
21 Sep 96: Magnetic
22 Sep 96: Magnetic

23 Sep 96: Magnetic
26 Sep 96: Magnetic

SWF ALERTS AND DURATION REPORTS - NONE ISSUED

--
IPS Radio and Space Services | email: asfc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/asfc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
tel: +61 2 94148300 | fax: +61 2 94148331

4261. Help tracing old EI-callsign

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: emmet@indigo.ie
Message-ID: <52sfft$7r5@niamh.indigo.ie>
Source record: 215746

For many years I have been seeking the callsign held by my late grandfather without success. His name was Alec Caulfield and he was resident at

22(?) Gartan Avenue,
Drumcondra,
Dublin,
Ireland

22(?) Lower Drumcondra Road,
Drumcondra,
Dublin,
Ireland.

during his periods of activity: 1930-1950 (excluding wartime!)

If anyone knows of any information resource or individual or company who might be able to help, I would really appreciate an email. Governmental records here were destroyed in a fire after his death (1952). The Dept. of Communications (equiv FCC), IRTS, RSGB, and ARRL have been unable to help. Any more suggestions?

Thank you for your help,

Emmet, EI7HF.

WestNet DX-Club Member.
emmet@indigo.ie
caulfield@eeng.dcu.ie

4262. wtb: knight-kit shortwave & cb

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: bwilder@reallink.com
Message-ID: <52sfsi$6f1@ferengi.prismnet.com>
Source record: 215747

looking for a pair of knight-kit c-1oo walkie talkies from
the early 60's??? they were blue 100mw units. 3 transistor

also looking for a knight kit "span master" 4 band short wave receiver
from the same time
period.

thanks
bobby
wb5wur

4263. Re: DX Club BBS alert doesn't ID.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: bd703@scn.org
Message-ID: <DyMI7L.9EA@scn.org>
Source record: 215748

Previously I wrote:

>
>
>There is a computer generated voice "DX Alert" on the 147.00 repeater
>in Seattle. Apparently this is accessed from a BBS.
>
>This is fine and dandy except that the alert never ID's after keying the
>radio at the owners home. (never gives callsign so I can't tell the owner)
>
>Is there some one who can bring this to the owner's attention and get it
>fixed?
>
>

After monitoring both the output and the input (146.400), I discovered that the alert transmitter DOES give it's callsign (W7LFA) at the BEGINING of the transmission instead of the END.

The ID isn't given EVERY time it keys up (maybe only every 10 minutes?)

I guess the way the system works is a club member acesses the bbs and enters the info about a dx station heard.

The bbs computer will then key the radio on the repeater input and send a voice alert in the following format.

"Whiskey Seven Lima Fox Alpha...DX Alert" (then gives the call of the dx station, and the frequency,then repeats call and freq)

Sometimes it starts with just "DX Alert".

For more info about the Western Washington DX Club visit their Home Page

http://www.eskimo.com/~oolon/wwdxc/

Kerwin

N7JGW

--
****
* They know who you are...
bd703@scn.org * They know where you live...
* And there's no doubt about it!

4264. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: carl@ais.net
Message-ID: <52sgq2$975@news.ais.net>
Source record: 215749
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <52n13q$nrv@usenet.pa.dec.com>, flaherty@pago-pago.pa.dec.com (Paul Flaherty) writes:
>
>Okay, so you've granted me that your solution does not currently exist.
>Okay, fine. Then any change can wait until your solution does exist, and
>constitutes a practical replacement.
>
I didn't say the solutions didn't exist ... I said they were not
currently in use in ham radio ...

>The reason that QSOs/Hz and not bits/Hz is the relevant metric is that human
>beings adapt their information rates to the channel in question, applying
>compression in various forms.

I didn't say bits/Hz ... I said bits/sec/Hz ... that's THE valid metric
.. Morse can be viewed as bits, just as can data, or voice (in
digitized equivalent form, if you like) ... QSOs/Hz makes NO sense ...

>Oddly enough, most of the stated goals of the
>Amateur Service involve direct communications between human beings. Go out
>on 20m sometime, and count the number of human QSOs versus automated links.
>

You keep trying to imply that only computer automated links and not
people can use digital communications ... totally bogus ...

>> The issue is not QSOs per kHz ... that outdated concept panders to the
>> idea that "narrower is better" and ignores the existence of time.
>
>Narrower in the Shannon sense will always be better.

What the hell do you *think* you are talking about??? You obviously
don't *know*, ergo my use of the term *think* ...

>In the end, you still
>have to pack a number of QSOs into the available bandwidth. Incidentally,
>the "wider is better" myth fell out of favor about two years ago.
>

You obviously don't know what the hell you're talking about ... and
you're certainly not in touch with contemporary communications systems
design trends ... why do you think frequency hoppers, CDMA, and other
spread spectrum techniques are so hot in the commercial world???
Wait ... disregard that question ... you'll only confuse *other*
non-technically-inclined readers with another bunch of misimformation
and gobblty-gook ...

>> The way to measure the spectral efficiency of a modulation scheme is with a
>> metric like "bits/sec/Hz" ... this sort of metric recognizes the
>> well-known engineering fact that the absolute bandwidth is totally
>> irrelevant to efficiency.
>
>That assumes that the information rate is independent of the channel rate,
>which is false in this case. In the end, you still have to modulate
>some kind of baseband information into the channel. If the baseband
>information rate is lower, then you will inherently be able to pack more
>users into the available bandwidth.
>

None of what you assert above makes any sense nor fits reality ... the
information rate (source data) and the channel rate (symbols/sec)
certainly can be independent ... in a good system design, they most
likely are ... so it's not clear at all that slower/narrower is
"better" ... may not be ... also, you don't even mention considering
the severity/type of channel impariments and interference ... they may
also tip the scale in one direction or the other ...

>>There have been many examples presented here
>> in the past weeks that clearly show, by simple math, that virtually
>> *every* other mode (except spark) is more spectrally-efficient than OOK
>> Morse, so rather wasting the effort in regurgitating them, I'll refer
>> you to DejaNews or AltaVista ... (assuming you *really* want to see
>> them again, which is dubious ...)
>
>But again, those didn't use relevant metrics. The issue here is whether or
>not the HF bands could handle more *users*, not more bps per Hertz.
>From a bps/Hz perspective, you're correct. But since the user community is
>rate adaptive, your comparison is irrelevant to the original question.
>

Your use of "rate adaptive" would be LAUGHABLE ... IF you were joking.

Throughput in bits/sec/Hz (or equivalent) IS THE relevant metric
.. if you knew ANYTHING about modern comunications system design,
you'd know that simple premise and understand it without trying to pass
off these totally idiotic arguments on those who might not realize how
absurd they are ...

In your scenario, it's "possible" to "support" more users ... they're
"rate adaptive" (ha, ha, ha) ... which means they'll sit by like
twits as throughput drops to zero as more users thrash the same spectrum
with the same tired, old, inefficient techniqes that their granddaddies
used in '27 ... SOME "support" ...

The way you REALLY _support_ more users it to employ modern techniques
that will allow them all to maintain acceptable levels of throughput at
the same time that larger numbers of other users (than presently
supportable at that rate of information transfer) are active ... this
is the opposite premise from yours ...

>So fine. Build them, and we'll believe you. The CW requirement isn't
>stopping anyone from building or deploying such a system.

Yes it is ... many of us can't operate on all of the HF bands ...
there's also the matter of some other needed rules changes to remove
outmoded restrictions on bandwidth, modulation and coding, etc. Those
will be relatively easy to get changed ... the code test will be harder
because so many olde fartz will bitch and moan so loud about progress.

>Until that time, we have to deal with what we have.

No, we don't ... we can get the rules changed ...

>> The FCC WILL make EXACTLY that judgement when deciding to take our bands
>> away and auction them off to some deep-pockets commercial enterprise who
>> proposes to use them to provide valuable, desirable services to
>> *millions* of users. (it's called "the public interest")
>
>Agitprop. The HF bands are not in danger; witness the last full WARC in
>which we actually *gained* in HF. Everyone else is moving to satellite,
>largely because they can afford to.

NO, REALITY ... many commerical users are looking at new technologies
for HF ... and as Gary has eloquently described, there are many
potential uses and advantages to modern HF for them ...

>> The above paragraph shows clearly that you have ABSOLUTELY NO IDEA of
>> how spread spectrum could be (and has been) applied to HF.
>
>Then you can prove that assertion, or discredit yourself.
>

Your OWN COMMENTS prove that you haven't a clue ...

>> I never said "ban CW" ... nor "ban SSB" ... all I've said is:
>
>Oh yes you have. You've repeately called for a mandated change from
>"outdated" technology to something new.

No, I said "Eliminate the mandatory code test and let new technology
flourish instead of maintaining a repressive, backward status quo."

>You've said that price isn't a factor, so the marketplace won't support
>that change.

No, I said "New, dramatically more efficient digital modes need not cost
more than the outdated technology now used by hams."

I also said that dollars of equipment sold were not a valid metric of
the value of ham radio to those who regulate us and grant us our bands.

>With all of those existing
>modes raising the noise floor, your system won't have enough orthogonality
>to function at the level you've claimed. So you're going to have to do
>something.

Again, you simply say "it won't work" ... you have NO IDEA of what I've even got in mind (or what others are/have been inventing/thinking about), so how can you make such sweeping statements ...

>> And I'm not talking "pipe dreams" about "technology that doesn't even
>> exist" ... I'm talking about technology that's being used every day by
>> commercial users ... hell, even *consumer devices* like cordless phones
>> and cellphones ... WAKE UP!!!
>
>Those devices have several hundred megaHertz to chip over. The largest HF
>ham band is a little over 1/100 of that size, and don't have to deal with
>ionospheric fading.

The 902-928 MHz ISM band (where most of the SS consumer stuff is currently living) is, by my calculation, only 26 MHz wide ... unless you know of some mathematical revelation of which the rest of the world is unaware, how does that give those devices "several hundred megaHertz to chip over" ?????

Most of those devices break the band up into a number of logical "channels" of a MHz or so in width (the DS-SS ones, that is) ... the hoppers have to hop a minimum of 25 channels (used to be 50) with typical hopping channel bandwidths of less. So these devices are operating in a MHz or so ... at a given time ...

>For that matter, what do you want with HF anyway? Industry has concluded that
>HF is "obsolete", and is moving to satellites. By your methodology, we
>should just give up HF cold turkey and go to satellites.
>

Not so ... just because YOU don't know what's going on and what the trends for the future of communications look like, doesn't change the reality ... any more than saying "CW is the best" over and over doesn't make it so ... no matter how many times you say it, nor how yo click your heels together ...

Carl - wa6vse
carl@ais.net

4265. Re: Please, folks...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: carl@ais.net
Message-ID: <52sgub$975@news.ais.net>
Source record: 215750

In <52s4s7$kps@dfw-ixnews7.ix.netcom.com>, bdbennet@ix.netcom.com(Robert Bennett) writes:
>The motion to "End Discussion of Morse Code on r.r.a.m. " has been
>moved and seconded, All those in favor say "AYA"
>
>Bob - kg0rj

Kill-file the threads if you don't want to read them ... otherwise quit
bitching ...

Carl - wa6vse
carl@ais.net

4266. DX, WAS, EME Software

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: mmss@mmss.sdi.agate.net
Message-ID: <52sg5u$19a@service-2.agate.net>
Source record: 215751
Cross-posted to: rec.ham-radio,rec.radio,swap,rec.ham-radio.swap,rec.radio.amateur,rec.radio.amateur.misc,uk.radio.amateur

Ham Software:

DX-Finder 1.5
DXCC Country, CQ and ITU zones, continent, beam heading, distance
instantly for any callsign (even unusual / special prefixes).

WAS Manager 1.0
Worked All States mapping database. Full color WAS maps, keeps track
of states worked and states confirmed band-by-band 160m to 10 GHz.

Z-Track 3.06
Users say simply the best EME program available today.

Complete details and screen snapshots at:
http://www.agate.net/~mmss.mmss.html

4267. Re: The Western NC APRS Home Page

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: Wenig <wenig@enter.net>
Message-ID: <52sj2g$evl@news.enter.net>
Source record: 215752

Hi Jamie,

APRS will probably get more activity with the press it received in Sept QST Digital Dimension article. I ftp'd the program from aprs.rutgers.edu. Now I'm gonna print the user guide to see what all I can do with it. I live in the Philadelphia area. I'm not sure if there is any activity around here. I do see lots of activity in 2 land on 145.790.

73 de Ron NY3J

4268. Re: Answer for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: dave@fgh.fgh.oz.au
Message-ID: <DyMnsI.ABC@fgh.fgh.oz.au>
Source record: 215753
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Jeeze; I leave this group for a year and come back to it, and nothing's changed...

In article <52od19$9j2@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net writes:

| Well, the world is full of under achievers. Why should ham radio be any
| different ?

Well, the world is full of bigots; why should Amateur radio be different?

--
Dave Horsfall VK2KFU dave@fgh.oz.au Ph: +61 2 9957-4224 Fx: +61 2 9922-5286
FGH Decision Support Systems P/L, 77 Pacific Hwy, Nth. Sydney, 2060, Australia

4269. jamboree on the air

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: Ordenador Cuatro <aula4@cin.es>
Message-ID: <01bbb02f$21245000$160000be@uno>
Source record: 215754

we are a group of spanish amateurs, we will be working the International scouts Jamboree 19/20 october our special call will be ED2LSJ and our QTH will be Cazorla Castle ref. CNA-026 for the spanish castle award.
hope to meet you there

4270. re: question for carl and the no code group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-02 00:00:00 UTC
From: markl@dove.net.au
Message-ID: <844248996mnewsmarkl@dove.net.au>
Source record: 215755
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

>
>
> Mark Little wrote:
> >
> > I found your response interesting as it implied (to me, anyway) that you
> > must see the removal of the compulsory Morse exam as the death of Morse.
> > Did I interpret this incorrectly, as I can't see that the removal of the
> > exam will have any long term impact on Morse use? Ultimately, amateurs
> > either forget Morse or use it. I suspect that 5 years after the exam
> > is dropped, the ratio of CW to non-CW users would be basically unchanged.
> > Am I too optimistic, do you think?
>
> I think 5 years after the morse requirment is dropped, there will be
> millions of new hams, 98 percent running exclusively SSB, most with KW or
> better linears. So yes, the percentage of morse users will be reduced
> thereby.

Then you are indeed more optimistic than me (in a negative way). While I
can't see the sense in examing Morse unless continued knowledge of and/or
use of it is a REQUIREMENT after the exam, I don't see that there will be
"millions of new hams" flooding the bands if it goes.

I haven't seen any concrete figures to support such an increase in the
upper bands where the Morse exam is no required now. There may be an
initial surge of existing amateurs moving to the HF band, but this will
be a transient phenomena. What leads you to think that this great mass
of people is circling the AR wagon, ready to invade? Most figures I've
seen indicate a decreasing interest in AR, on a percentage of population
basis. I don't even think that CB is suffering from an explosion of users.

>
> I see the removal of the testing requirement as a further lowering of the
> entrance requirements for ham radio. If the theory and math tests are
> made more difficult to compensate, then we'll have more engineers and
> fewer non-technical trades and professions in ham radio, and I don't see
> that as necessarily a good thing. Besides, why would the tests need
> stiffening, if the morse test requirement is dropped?
>
> Will morse survive? I think the better question is, will ham radio
> survive. We gave up an HF band (11M) to satisfy the demand for no-code
> HF, and look what happened. History has a way of repeating itself. Only
> time will tell.

I don't see the purpose of the licence as a socio-filter. I see it as a device to ensure that people have at least the minimum amount of knowledge required comply with the licence requirements after the licence is issued. If the standard is higher than that, it is too high, if it is too low it is inadequate for its purpose.

In any event, I don't recall passing a comment on what standard the exam should be. All I can recall saying in any of the message is that the question of what level the exam should be is another matter.

> >
> > Ideally, my future for AR contains some of every facet of radio, new
> > or old.
>
> I hope you will enjoy it through all the QRM, when all those millions of
> new hams get their KW SSB rigs on the air. The only happy people are
> likely to be the equipment manufacturers, who will become much wealthier.

Hmmm, you seem to have a very pessimistic outlook.

> Regards,
>
> Jim
>

73s
Mark.

4271. Re: Theory Question

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <52vnbs$bho@news.Hawaii.Edu>
Source record: 215506

In article <52uu1k$fu6@nntp-2.io.com>, <kk5dr@io.com> wrote:
>What Theoretical Meter band has an antenna of infinite gain ?

Zero meters?

KH2PZ

4272. Re: for Gary

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <5309vs$hc3@freenet-news.carleton.ca>
Source record: 215606

Jim Cummings (jcumming@clark.dgim.doc.ca) writes:

If it is my perogative then why instruct me to go see expositions on this
stuff?
--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

4273. Re: Vanity applications entered at FCC

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: davej@sptekwv6.vnd.tek.com
Message-ID: <530let$pdc@bvadm.tek.com>
Source record: 215607

I made a type in my previous post the correct path is
ftp://www.fcc.gov/pub/XFS_AlphaTest/amateur

Not:
|> ftp://www.fcc.gov/pub/XFZ_AlphaTest/amateur/
|>

|> Dave Jordahl
|> WA0RXM (for now)
|>
|>
|> --
|> David Jordahl
|> Tektronix Inc., VND
|> PO Box 500, MS 58-850, Beaverton, Or. 97077
|> Email - davej@mda.vnd.tek.com
|> Disclaimer: Opinions expressed are my own.

--
David Jordahl
Tektronix Inc., VND
PO Box 500, MS 58-850, Beaverton, Or. 97077
Email - davej@mda.vnd.tek.com

4274. Re: Vanity applications entered at FCC

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: ker@mtgz895.mt.att.com
Message-ID: <530n6v$atl@nntpb.cb.lucent.com>
Source record: 215608

In article <530gq7$lkm@bvadm.tek.com>,
Dave Jordahl <davej@mda.vnd.tek.com> wrote:
>Just checked the FCC ftp site this AM and found my application
>had been entered. They are at
>ftp://www.fcc.gov/pub/XFZ_AlphaTest/amateur/
>
>Applications are sorted by zipcode area of origin.
>These are fairly big files 3MB zipped.
>
>Dave Jordahl
>WA0RXM (for now)
>

I think what you found is the 10/2 posting of the ENTIRE FCC amateur
database. It's good to be in there but it's more than just vanity
applicants.

4275. Re: 2m Wide Open in Florida

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <530n7v$181s@usenetw1.news.prodigy.com>
Source record: 215609

pacrimgolf@kuentos.guam.net (Jim Kehler) wrote:
>
>kc5egg@ix.netcom.com (Gerald Schmitt) wrote:
>
>>I am glad that you are so prepared because every time you slander me
on
>>the net I am going to complain to your ISP. If you choose to slander
me
>>from your place of employment that is your problem. Perhaps we can
>>learn empirically all about your claimed Carte Blance internet account.

>>You see Chris the only recourse I have is to complain to your ISP and
>>ask to have the slander stopped.
>
>No, the other thing you could do Jerry is grow up. You get on here, beg
>for people to beat you up, and when they do, you cry about it. Act like
an
>adult or go back under your rock.
>
>73, Jim KH2D

Me thinks Jerry has a legitimate gripe here. Our friend Mr. Greenhalgh
has this nasty habit of slandering certain participants on this newsgroup.

Calling somebody a "liar" is not a nice thing to do. From a legal
standpoint, it's not very smart, either, unless you have the neccessary
burden of proof to back up your claims.

-Drew in Sunny Central Florida-
KF4DDM

4276. Re: Lookup address of DL7DF.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: grhosler1@mmm.com
Message-ID: <530ovq$3s5@dawn.mmm.com>
Source record: 215610

floyd.f.lucas@tek.com (Floyd Lucas) wrote:

>Can someone lookup the address of DL7DF... He is not in my
>1994 international callbook.

>thanks in advance

>Floyd KI7CK

DL7DF is DL7UUO's new call. Try the following:

Siegfried Presch
Wilhelmsmuehlenweg 123
D-12621 Berlin
Germany

73 & GUD DX de KN0Z Gary

Opinions expressed herein are my own and may not represent those of my employer.

4277. Hapsburg Ham Radio Special

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: kwp@rai.ping.at
Message-ID: <6I9cAZsF-jB@rai.ping.at>
Source record: 215611
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,uk.radio.amateur

For those of you who master a little German:
Radio Austria International, Austria's world radio on shortwave and
satellite, will feature the life story of
OE3AH/OE5AH Archduke Anton Hapsburg
with many historic recordings, never before released.

Saturday, 19 October (Part I)
Saturday, 26 October (Part II)
Europe:
0405, 0905, 1205, 1605 UTC 6.155, 13.730 - 2105 UTC 5.945, 6.155, 9.880
America:
Sunday (20/27) 0005 UTC 9.655, 9.870, 13.730

For a complete schedule look at
http//:www.ping.at/rai/

Wolf HARRANTH OE1WHC InterNet: kwp@rai.ping.at
Radio Austria International Fido : 2:310/39.44
A-1136 Vienna Packet : OE1WHC@OE1XAB.AUT.EU
Austria/Europe Fax : +43/1/87 87 8-44 04

4278. VANITY CALLS

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: "T.J. Alessi" <Tom@Alessi.Com>
Message-ID: <3253EFA6.4FCC@Alessi.Com>
Source record: 215612

Well today is day 10 of the big wait! I hope the FCC was ready
for this influx of applications. I was thinking, if it takes oh,
say, 2 weeks per day of applications then if your application was
received Friday Sept 27th you should see your results around
Dec 25th. =)

Merry Christmas.

Oh well, I am just hoping that the FCC is spending some of that
$30.00 per application for some overtime for the data entry clerks
to help them keep up. Spread the wealth, if you will.

Sitting here and waiting (on day T+10 and counting...)

Tom - WB1L
--

T.J. Alessi, WB1L E-Mail: Tom@Alessi.Com
147 Joffre Avenue http://www.discovernet.net/usr/alessi
Stamford, CT 06905 Voice: 203.977.5200

4279. VINITY CALLS

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: "T.J. Alessi" <Tom@Alessi.Com>
Message-ID: <3253ED6C.6892@Alessi.Com>
Source record: 215613

Well today is day 10 of the big wait! I hope the FCC was ready
for this influx of applications. I was thinking, if it takes oh,
say, 2 weeks per day of applications then if your application was
received Friday Sept 27th you should see your results around
Dec 25th. =)

Merry Christmas.

Oh well, I am just hoping that the FCC is spending some of that
$30.00 per application for some overtime for the data entry clerks
to help them keep up. Spread the wealth, if you will.

Sitting here and waiting (on day T+10 and counting...)

Tom - WB1L
--

T.J. Alessi, WB1L E-Mail: Tom@Alessi.Com
147 Joffre Avenue http://www.discovernet.net/usr/alessi
Stamford, CT 06905 Voice: 203.977.5200

4280. Re: 2m Wide Open in Florida

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: leigh@rain.org
Message-ID: <530ria$nco@news.rain.org>
Source record: 215614

Robert Lewis (robtrobn@ix.netcom.com) wrote:
: Boy, this went downhill fast.
:
: To the original poster: I too enjoy the occasional 2m tropo contact.
: Great fun.

I agree, Robert. When I first got my ticket, I made a 200+ mile simplex "keyboard QSO" tropo contact on 2 meter Packet, just using a HT and a wire dipole. To me this was just as exciting as when I later worked CO and NM from Southern California during a rare sporadic-e opening on 2 meter SSB.

The ham op who only has a $200 Radio Shack HT and a groundplane made from coat hangers can have just as much fun & enjoyment as the $10,000 superstation.

I too have sent flaming responses to some of Drew's obnoxious messages in the past, but he seems to have mellowed out in the past few months.

--Leigh Marrin/KM6JE.

4281. Re: For Todd (was Re: for Gary)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct3.164510.12738@ke4zv.atl.ga.us>
Source record: 215615
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <01bbafb6$02065a20$204d4486@host.domain.org> "Sam Morse" <smorse@usa> writes:
>Hello Todd,
>> I'm curious as to why you are impressed? If you slow down
>> RTTY to the rate most amateurs can copy Morse Code, it
>> is little different than Morse Code. Perhaps the biggest
>> difference is that RTTY uses a fixed length code and Morse
>> Code uses a variable length code.
>
>Because of the speed and the different sounds. BTW variable
>length codes are more efficient than fixed length codes if the
>probability of the symbols is not equal.

Not necessarily. The encoded string is shorter (for average text)
with the variable length encoding, but in a noisy environment, the
probability of correct decoding is lesser for the variable length
encoding than for a uniform coding.

One of the strengths of uniform codes is that the positions of the
bit centers are completely predictable a priori. That allows optimum
recovery of bit energy, which in turn increases correct decoding
probability in the presence of noise.

A uniform code uses a transmitter's energy more efficiently due to
less "waste" at the receiver, thus allowing lower power operation,
and, due to the lower number of errors, thus requiring fewer repeats,
less total time is required to receive the message correctly. So
a uniform encoding allows both better power efficiency and better
time efficiency than a variable length encoding.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4282. JOTA - Jamboree On The Air

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: "H.Ekstedt" <jhe@algonet.se>
Message-ID: <325403C3.3D7D@algonet.se>
Source record: 215616
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.equipment

On the 19-20 of October: Look up this page:

http://www.algonet.se/~jhe/jota.html

and you will hopefully see our transmitting frequency
from an IC-735 operating in the Jamboree On The Air 1996.
The Habo scoutgroup will operate from abt 50Km N of Stockholm.
Just give us a call...

All the best! 73 es Cu at the JOTA/I!
mailto:jhe@algonet.se

NNNN

4283. Re: SCREW THE CODE!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: mckinne <mmckinne@fontbonne.edu>
Message-ID: <32541DCA.4AE6@fontbonne.edu>
Source record: 215617

Jamie R. Dean wrote:
>
> Now that I've gotten your attention.
> I'm not a code hater, I do not have my morse code and do not plan to
> get it but I do not hate the code.
> The reason I'm writing this is to ask that the sensless war on code
> stop. By fussing back and forth for years your not doing anything but
> taking up bandwidth. I mean the ITU and FCC have the final say so on
> this matter. We can yell and scream and do like in the olden days
> before black were excepted and talk no-codes and drag them behind
> cars, or make them stay only on this frequency or band, but when it
> all comes down to it, only the FCC and ITU can say you must get your
> code or you must get out of radio. Is it such an issue that we would
> actually lose sleep over it? Coded hams have there HF bands and us
> NO-codes have 6 meters and up. We never even have to speak if the
> coded hams didn't want to.
> I'm proud to be a ham. I've run a APRS packet station for about 1
> year now and I see no need for HF or code to do this. I'm quite happy.
> And isn't that way we all get a hobby? to be happy? I would hope so.
> So folks let the code war stop. It is not important. We and wasting
> bandwidth and airspace when we can't change what the FCC and ITU says.
> Be kind to your fellow ham. Puttingg him down for being a no-code will
> not make him get his code any faster.
>
> 73's
> Jamie - KE4HTM
> ke4htm@bluenet.net
> http://www.bluenet.net/ke4htmdoesnt code carry better than am of same power?and isnt it
just the thing
for operation at rugged qrn/rm when you really need to get
through??ka9emp

4284. Re: MBBIOS under Win95 - HOW ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: Jeff King <jeff@mich.com>
Message-ID: <32541428.48CB@mich.com>
Source record: 215618
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

Fredrik Elversson wrote:
>
> Hello,
>
> I am trying to run MBBIOS (and the DOS-versoin of FBB) under Win95.
> MBBIOS woni¿½t start (i.e FBB cani¿½t sync the modem at startup). Is there
> a way to let MBBIOS to have full access to COM2 ? Something to write
> in the sysintem.ini-file perhaps....?
>
> Or how is it done otherwise....
>
> 73 de Fred SM7UGE
>
> Packet: SM7UGE@SM7UGE.F.SWE.EU
> E-mail: fredrik.elversson@mailbox.swipnet.se

Never used MBBIOS under WIN95 but have used other DOS com drivers.
Delete the reference to COM2: in the system setup, device drivers
section (under ports, COM2:). If WIN95 doesn't know its there, then
it shouldn't object to MBBIOS grabbing it.

-Jeff WB8WKA

4285. Re: for Gary

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <531102$pb8@freenet-news.carleton.ca>
Source record: 215619

Cecil Moore (Cecil_A_Moore@ccm.ch.intel.com) writes:
> Frank Sved wrote:
>> Anyone can build a simple CW xmtr, can anyone build an analog/digital
>> converter?
>
> Hi Frank, they don't have to. Intel, et.al., did it already on a single chip
> also containing a microcontroller and I/O electronics. It would take me longer
> to get a CW xmtr working than an A/D converter working. Digital is super easy
> compared to RF. If it ain't a '1' or a '0' it's broke. If a digital electronics
> test were substituted for the CW test, ham radio would smarten up overnight.
>
> 73, Cecil, W6RCA (not speaking for my employer)

Hi Cecil, I'm simply comparing turning on and off a xmtr as opposed to
sampling an analog wave and transmitting it using a CRC protocol of some
type, and then decoding it at the other end. By far, Digital is a better
(+-error free) method of xmting. But which is simpler? Let's not bring
Integrated Circuits into this because one chip I know of can transmit FM
at 65mW. One chip and it's a tranmitter.

You're a "digital" person, look at this analogy.

Radio components are equal to commands of a programming
language. Using commands you build a program (= radio).

Which transmitter would require the least amount of instructions
to build?
--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

4286. IC-2710 INFO NEEDED

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: rod@!hili.com
Message-ID: <5312p7$djt@news.ios.com>
Source record: 215620
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Looking for comments and MODS for the Icom 2710 2m/440.
The clone cable is $71.00. Can a CI-IV,CT-17 interface be use
with this radio as well?

N2RVM
Email: rod@hili.com

4287. Re: 2m Wide Open in Florida

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: cgreenha@magnus.acs.ohio-state.edu
Message-ID: <cgreenha.749.325410EB@magnus.acs.ohio-state.edu>
Source record: 215621

In article <530n7v$181s@usenetw1.news.prodigy.com> VUBS79A@prodigy.com (Drew Durigan) writes:

>Me thinks Jerry has a legitimate gripe here.

Have you seen my proof drew?

>Our friend Mr. Greenhalgh
>has this nasty habit of slandering certain participants on this newsgroup.

Please look up the word "slander" drew...you will see thatthay are "defamatory statements" against a person. Mush differnet than calling someone a "liar".

"Liar" is a dricriptive statement to someone who lies...just like a "runner" is someone who runs.

>Calling somebody a "liar" is not a nice thing to do. From a legal
>standpoint, it's not very smart, either, unless you have the neccessary
>burden of proof to back up your claims.

I do indeed have ALL the proof for every thing I have posted to this group, thank you.

And everybodies good friend, Gerald, has already sent email to the Ohio State Universitys' President, Dr. Gordon Gee, because of what I post here!

Can anybody else belive that!? :)

Take care all.

>-Drew in Sunny Central Florida-
> KF4DDM

Christopher K. Greenhalgh, N8WCT
Computer/Electronic Tech. II at The Ohio State University
E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

4288. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: Jim Conn <jconn@gte.net>
Message-ID: <32540FA1.159E@gte.net>
Source record: 215622
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Howard Coleman W6HQA wrote:
>
> I also am involved with the "newest" telecommunications systems and have
> been
> for almost 30 years until my retirement 6 months ago. While The
> original statement
> in this message is accurate regarding telecommunications, it (in my
> opinion) has
> no bearing on amateur radio. They are two separate issues. What good

Howard,

I wrote the post about ADSL. I was replying to a post wherein it was claimed that CW mode was obsolete technology and should be dropped. My point was that obsolescence is relative. For instance, according to this absurd logic, after the wheel was invented, walking became obsolete. After the automobile, the horse became obsolete. After the airplane, the automobile became obsolete. I carried this absurdity one step further, to further make my point. I said, "High speed digital communications will become so easy and cheap in the next few years, even the most advanced SS HF radio amateur modes will be obsolete by comparison of cost/performance." I never said or intended to say anything else or make any other use of the analogy.

In fact, walking did not become obsolete, just because a sometimes faster, more efficient means of transport came along. Sometimes it is faster and more efficient to walk than ride in a vehicle.

Horses did not become obsolete after automobiles came along. There are areas where riding horseback remains the most efficient means of transportation.

And of course, while airplanes are far more efficient than automobiles in terms of hauling people farther faster, they have not rendered automobiles obsolete, because of the relative difference between the modes. Neither have other communication modes, some perhaps even more efficient than CW, rendered CW obsolete. Everything is relative.

> --
> 73 de Howard Coleman, W6HQA
> WebPhone(TM) at w6hqa@west.net
> Santa Barbara Section Home Page http://www.west.net/~sbarb
> Santa Barbara Section FTP Site ftp://ftp.west.net/pub/users/sbarb

73,
Jim - AD4VL

4289. JamCon 84

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: Andrew C Robertson <drewbob@mit.edu>
Message-ID: <325421A8.4653@mit.edu>
Source record: 215623

Negativland...are there any other hams out there who love these guys?
I'm sure there must be some of you in the Bay Area at least.

I highly recommend Negativland's "Over the Edge vol. 1", JamCon 84. It's an audio presentation of a "documentary on ham jammers" and it's pretty hilarious. It's quite bizarre though, some will hate it, but I'm sure most any ham would find it interesting at least. Look in the alternative section at the record store (if they separate those out from the rest of the pop music).

drewbob aa1hx

"This has got to be the WORST programming I've EVER heard on KPFA..."

- distressed caller

4290. Special Event Station - Brunswick Rail Road Days October 5-6

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: wb8vbw@aol.com
Message-ID: <5318t8$f3q@newsbf02.news.aol.com>
Source record: 215624

Look for the the Mid-Atlantic DX & Repeater Association event station at
the Brunswick RailRoad Days on October 5-6.

We will be operating SSB on 40- 10 meters.

A nice QSL card is available with QSL and SASE.

The call is KB3BMY

73

Mike, WB8VBW

4291. Re: Vanity applications entered at FCC

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: davej@sptekwv6.vnd.tek.com
Message-ID: <5318v5$bok@bvadm.tek.com>
Source record: 215625

One final note. I was mistaken. These files are the entire
FCC amateur database. The vanity calls when issued can be
found in the same directory under mon.zip, tue.zip, ...etc.

--
David Jordahl
Tektronix Inc., VND
PO Box 500, MS 58-850, Beaverton, Or. 97077
Email - davej@mda.vnd.tek.com

4292. Re: any AACS operators left??

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: haynes@cats.ucsc.edu
Message-ID: <531aat$n86@darkstar.ucsc.edu>
Source record: 215626

Which reminds me, the Government Printing Office has a web page (try http://www.gpo.gov) with their catalog, and under military history you can order a book that is the history of AFCC from AACS days to the present.

4293. Re: Theory Question

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: Kevin Jessup <kevin.jessup@mail.mei.com>
Message-ID: <32540FA4.6406@mail.mei.com>
Source record: 215627

kk5dr@io.com wrote:

> What Theoretical Meter band has and anttena of infinite gain ?

Gee, what a deep question. Here's one for you...

How many "advanced" radio amateurs still
don't know how to spell antenna??

4294. Re: RIP MARS CW

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: Bob Lewis <rlewis@staffnet.com>
Message-ID: <3254337F.265@staffnet.com>
Source record: 215628

It's wonderful bureaucratic world isn't it! I left MARS when someone decided that you must work HF to be in MARS and I didn't get home from work in time to meet the HF net. The thinking then was that "hi-tech" microprocessor controlled VHF teletype links of the time were not needed, HF SSB or CW was the thing. Now we don't need CW because we have "hi-tech" digital modes and SSB, I suppose.

>
> As of 0000 UTC 1 October 1996 CW is prohibited on
> frequencies controlled by the US Department of Defense
> including MARS frequencies.
>

4295. Re: for Gary

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: Cecil Moore <Cecil_A_Moore@ccm.ch.intel.com>
Message-ID: <32542DF8.240@ccm.ch.intel.com>
Source record: 215629

Frank Sved wrote:
> Let's not bring
> Integrated Circuits into this because one chip I know of can transmit FM
> at 65mW. One chip and it's a tranmitter.

But Frank, that's the whole point of what I'm saying. Nowadays, one integrated circuit chip is just as easy to have in your junkbox as a transistor or tube and it is a heck of a lot easier to design with than discrete components. A professional designer designed it and a professional manufacturer manufactured it. All we have to do is understand how to interface it to the external world and we have a near-perfect system design, something few of us are capable of with discrete designs.

> Which transmitter would require the least amount of instructions
> to build?

Using high-level instructions, the digital transmitter would require the least amount of instructions. Most electronics are getting to a higher and higher level of hardware and software integration thereby making it easier for ordinary hams to take advantage of the latest technological developments. That the average ham is not doing so is just an indication of being stuck in the electronic dark ages.

73, Cecil, W6RCA (not speaking for my employer)

4296. Boatanchors Newsgroup voting

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: res@cmprime.cis.att.com
Message-ID: <531cg8$gea@anchor.cis.att.com>
Source record: 215630

The 2nd Call for Votes for the new newsgroup has been posted.
If you have not voted yet please vote now (especially if you
are planning to vote YES !).

Vote by sending email to rrab@infobahn.net
And put this is the body of your message (If you are voting affirmatively)

I vote YES on rec.radio.amateur.boatanchors

It takes only a few seconds so do it now. You vote counts heavily
because we need 100 more YES votes than NO votes to pass. We have no
idea how many votes we have and it would be a shame to see the
vote fail because we only got 99 votes!

pse, pse, OM, vote now.
tnx 100 times.

Rick KT2Q

4297. RE:Pre 1970 U.S. Call books

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: Mike Snowden <mikes@fishnet.net>
Message-ID: <32543631.19A8@fishnet.net>
Source record: 215631

I am trying to trace to orgins of my fathers Call signs. I would like to find a mid 1960's to early 1970 U.S. call books in good to fair condition. Thanks for the help.
mikes@fishnet.net

4298. Re: Vanity applications entered at FCC

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: wb2mpk@intac.com
Message-ID: <531eep$mcr@uucp.intac.com>
Source record: 215632

Hope you didn't spend all day downloading that, because those are not the vanity call applications. That's the ENTIRE FCC amateur database, sorted by zip code, and its uploaded there once a week, every week.

: Dave Jordahl <davej@mda.vnd.tek.com> wrote:
: Just checked the FCC ftp site this AM and found my application
: had been entered. They are at
: ftp://www.fcc.gov/pub/XFZ_AlphaTest/amateur/
:
: Applications are sorted by zipcode area of origin.
: These are fairly big files 3MB zipped.
:
: Dave Jordahl
: WA0RXM (for now)
:

4299. Suffixes to amateur call signs

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: gary@carcs1.wustl.edu
Message-ID: <530ueq$57p@lex.zippo.com>
Source record: 215633

What do the suffixes attached to amateur call signs mean?
For instance, the "7" in "KA0AAA/7", or the "AE" in "K0BB/AE"?

- Gary KB0QGE

4300. General to Advanced.. re-take code test?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: gary@carcs1.wustl.edu
Message-ID: <530uhm$5g3@lex.zippo.com>
Source record: 215634

I'm a tech-plus and have just passed my 13 word-per-minute code test. I know that the certificate of completion for the 13 wpm code test is good for one year. Assuming I pass the general class written exam within a year, is there some time limit for taking and passing the advanced class exam? For instance, suppose I take and pass the advanced class exam five years later. Will I have to retake the 13 wpm code test?

- Gary KB0QGE

4301. XE2 reciprocal licensing?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: radionut@pacbell.net
Message-ID: <325447a9.4786229@news.pacbell.net>
Source record: 215635

Does anyone (or has anyone) successfully obtained an XE2
reciprocal license in Tijuana? If so, I would like to hear about it.
(ie: where you went, what papers you had to have, etc.) I had done it
once before through Mexicali, but that was more than 5 years ago and I
have misplaced all of my paperwork since that time.

I have been compiling info from many sources and each source
tells me a different story. Can anybody help me? Please email with
your advice: radionut@pacbell.net

73 es gud DX,

Carl, KK6RV

4302. Re: Suffixes to amateur call signs

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: "Howard M. Ginsberg" <h.m.ginsberg@worldnet.att.net>
Message-ID: <32544B41.2CEC@worldnet.att.net>
Source record: 215636

gary@carcs1.wustl.edu wrote:
>
> What do the suffixes attached to amateur call signs mean?
> For instance, the "7" in "KA0AAA/7", or the "AE" in "K0BB/AE"?
>
> - Gary KB0QGE

The /7 means the operator is operating in US Region 7.
The /AE means the operator recently passed the extra class license exam(s) and is operating with extra privilges prior to FCC licence issuance. Actually, you would not hear K0BB/AE as K0BB is a 1x2 extra call sign already. A better example would have been KB0BBB/AE. (Sorry for being nitpicky!).
--
Howard M. Ginsberg, NW1N/4

4303. Re: CW Goooooood!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: Pat Wilson <pw@i2020.net>
Message-ID: <01bbb184$7c896880$7b01e8cc@PW>
Source record: 215637

Know why I like it so much? Cause I can send CW and know that 80% of the
people EVEN HAMS cannot understand a word. Makes me feel special, sorta.
I wanted to be able to speak the language, just to do it.

N0RDQ

Michael Herrron <GHURRICANE@gnn.com> wrote in article
<52qbfn$2bi@news-e2b.gnn.com>...
> Bottom line is that there will allways be us CW ops on the ham
> bands. If for no other reason than that it is fun, and not so hard
> to use after you have applied yourself to it to get some speed up
> to a reasonable clip say 25 to 30 wpm. Iam sure alot of people
> would rather everything be handed to them like welfare and
> unemployment but they have little or no real dedication to their
> plight. They will be here today and gone tomarrow. Allways looking
> for an easier way to to get something they won't appreciate much in
> the end anyway. The best thing I've seen happen since no-code is a
> big increase of quality used VHF ham gear available from those who
> only have marginal interest in hamming. I bought a almost new
> FT-5100 for 300 bucks a year ago from such a person and he threw in
> about another $150 worth of ARRL publications and mobile antennas!!
>
>

4304. IPS Daily Report - 03 October 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <531i99$nns@flare.syd.ips.oz.au>
Source record: 215638
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 03/2330Z OCTOBER 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE AUSTRALIAN SPACE FORECAST CENTRE
SUMMARY FOR 03 OCTOBER AND FORECAST FOR 04 OCTOBER - 06 OCTOBER

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 70/5

GOES satellite data for 02 Oct
Daily Proton Fluence >1 MeV: 1.5E+06
Daily Proton Fluence >10 MeV: 2.1E+04
Daily Electron Fluence >2 MeV: 1.4E+07 (normal)
X-ray background: A1.3
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
04 Oct 05 Oct 06 Oct
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 04 Oct: 70/5

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Unsettled to active

Estimated Indices : A K Observed A Index 02 Oct
Learmonth 16 3232 3443
Fredericksburg 10 13
Planetary 12 9

Observed Kp for 02 Oct: 1232 3323

2B. MAGNETIC FORECAST
Date Ap Conditions
04 Oct 10 Unsettled
05 Oct 10 Unsettled
06 Oct 10 Unsettled

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band

Date Low Middle High
03 Oct Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
04 Oct Normal Normal Fair
05 Oct Normal Normal Fair
06 Oct Normal Normal Fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
03 Oct -1

Observed Australian Regional MUFs:
Darwin: No data.
Townsville: near predicted monthly values.
Sydney, Hobart: near to 15% below predicted monthly values.

Predicted Monthly T index for October: 10

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
04 Oct 5 about 10% below predicted monthly values
05 Oct 5 about 10% below predicted monthly values
06 Oct 5 about 10% below predicted monthly values

--
IPS Radio and Space Services | email: asfc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/asfc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
tel: +61 2 94148300 | fax: +61 2 94148331

4305. GATE - 2

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: lewis cheek <kc4hr@erols.com>
Message-ID: <3254525A.5924@erols.com>
Source record: 215639

ARLB069: FCC Gate 2 update

SB QST @ ARL $ARLB069
ARLB069 FCC Gate 2 update

ZCZC AG49
QST de W1AW
ARRL Bulletin 69 ARLB069
From ARRL Headquarters
Newington CT October 3, 1996
To all radio amateurs

SB QST ARL ARLB069
ARLB069 FCC Gate 2 update

If all goes well at the FCC's Gettysburg, Pennsylvania, office, you might have that new vanity call sign you applied for under Gate 2 in time for the ARRL Sweepstakes CW weekend (November 2-3). A spokesman said this week that the FCC anticipates it could be four weeks or so before any grants are issued to first-day applicants. The FCC said the number of personnel available to enter application information and call sign lists is limited, and that keying in up to 25 call signs and then verifying that they were keyed correctly is not a very fast process.

The FCC will not start making any grants for first-day filers until all day-one applications have been entered into the FCC's computer. Then applications will be processed randomly from among those in the first-day pool.

The number of hams taking advantage of Gate 2 has been less than anticipated. As of September 25, the FCC had received 5297 Gate 2 applications. First-day vanity filers totaled 4527, a number that even surprised the FCC, which had been expecting a larger flood of Gate 2 filings. The FCC said 4188 paper applications and 339 electronic applications were received the first day. Another 770 applications, mostly paper, had showed up by Wednesday, September 25. Slightly more than 7 percent of applicants used the FCC's newly inaugurated electronic filing system.

Among the major headaches for the folks in Gettysburg are applications that contain illegible information. FCC personnel have been instructed to skip over requested call signs they cannot decipher. Also, some electronic filers have been sending their payments to the wrong Post Office Box in Pittsburgh and using the FCC Form 159 designed for use by those filing on paper. The FCC said

that contrary to instructions on the electronic application form, electronic filers should not forward a copy of their Amateur Radio license to the FCC by mail. FCC personnel have no way to match up licenses with applications, and they don't need the license copy to process the application.

The FCC said that some applicants apparently have had second thoughts about changing their call signs and have contacted the FCC to pull their Gate 2 paperwork. The FCC says that cannot be done. Those issued a vanity call sign who decide they like their old call sign better will have to pay another 30 dollars and reapply under Gate 1.

If the FCC is unable to grant any of your vanity call sign requests, your application will be dismissed, and the FCC will notify you to that effect. But the Commission will not return your 30 dollar application fee until you request a refund in writing. Unlucky vanity applicants will be informed that ''credit cannot be provided toward future filings,'' and that FCC procedures authorize a refund ''only when requested in writing.'' To take another chance under Gate 2 means completing another Form 610V and sending in another 30 dollar fee.

The FCC has not announced a schedule to open Gates 3 and 4.
NNNN
/EX

4306. #1 Rule of ham radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: kk5dr@io.com
Message-ID: <531isg$fm7@nntp-1.io.com>
Source record: 215640

When you have something to say, make sure it's worth listening to.

"Seek the truth, and the truth shall set you free."
Matt/KK5DR

4307. Howard County, MD Hamfest Date ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: cps@access.digex.net
Message-ID: <cps-ya023080000310962035560001@news.digex.net>
Source record: 215641
Cross-posted to: rec.radio.amateur.misc,balt.general

Anyone know the date of the upcoming hamfest at the Howard County Fairgrounds?

Thanks,

Chris N3JLY

--

|Check out my WWW page at http://www.access.digex.net/~cps/ for scientific |
|software for the Mac, Free Radio, Shortwave Radio, and Spy Numbers Stations |
|information. |
|Finger me (cps@access.digex.net) for my PGP Public Key |

4308. Re: General to Advanced.. re-take code test?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: Cecil Moore <Cecil_A_Moore@ccm.ch.intel.com>
Message-ID: <32545250.6EB7@ccm.ch.intel.com>
Source record: 215642

gary@carcs1.wustl.edu wrote:
> For instance, suppose I take and pass the advanced class exam
> five years later. Will I have to retake the 13 wpm code test?

Nope, CW tests are somewhat like born-again Christians. Once saved,
always saved. Once passed, always passed.

73, Cecil, W6RCA (not speaking for my employer)

4309. Re: General to Advanced.. re-take code test?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: Dick Flanagan <dick@merlin.libelle.com>
Message-ID: <32547CE7.CA8@merlin.libelle.com>
Source record: 215643

Drew Durigan wrote:
>
> I wouldn't worry about it, Gary. From all indications, the Morse
> requirement will be nothing but an antiquated memory five years from now.

Big help you are...

Gary, once you obtain your General license you will have permanent
(well, at least as long as you keep your license current) credit for
your 13 WPM code test. All you will then need will be to pass the
Advanced written test for your Advanced license--even if it takes you 20
years to do it.

Congrats on passing your test and good luck with your upgrades.

73, Dick
--
Dick Flanagan W6OLD CFII (dick@merlin.libelle.com) Minden, Nevada

4310. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: mc@shore.net
Message-ID: <5321bu$r6t@northshore.shore.net>
Source record: 215644

In article <844337095snz@microvst.demon.co.uk>,
Anthony R. Gold <tgold@panix.com> wrote:
>In article <52vg7q$ls@northshore.shore.net>
> mc@shore.net "Michael Crestohl" writes:
>
>> In Canada station license fees have to be paid every year by March 31st.
>> If this is not paid the station license is not valid and a person
>> operating without a valid license is operating illegally. If you don't
>> pay before the deadline you have to pay more to renew the license. If the
>> license fee is not paid within a year it is cancelled and the callsign
>> could be reassigned.
>
>There is no license fee in the USA. It's 10 years and it's FREE :-)
>
>Regards,
>--
> Tony - G3SKR / AA2PM email: tgold@panix.com
> tgold@microvst.demon.co.uk
> packet: g3skr@n0ary.#nocal.ca.usa.na

From what I understand the $30.00 is the license fee for 10 years (in
advance). I believe that all those with vanity calls will have to pay
again upon renewal.

73,

Michael Crestohl, W1??

4311. Re: never pay another long distance bill

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: JERRY YOUNG <jeyoung@infoave.net>
Message-ID: <32549DBF.7D0F@infoave.net>
Source record: 215645

JERRY YOUNG wrote:
>
> would you like to never pay another long distance phone bill and
> possibley make some money to if so e-mail me and let me know and i will
> send u some info thanks for checking.

4312. Re: Help - recharging nicad batteries

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: Lance Halle <lanceh@a.crl.com>
Message-ID: <32549820.6684@a.crl.com>
Source record: 215646

Robert G. Strickland wrote:
>
> Is it okay to keep nicads in the recharger for extended periods of
> time? I just bought some nicads, and the packing label says "Leave an
> extra set on charge continuously to insure fresh battery power
> whenever you need it." I've never heard/read this before. I've always
> pulled them off charge after 10-14hrs. Any comments? If you can

You heard correctly! We'll assume the charger you are talking about is a 1/10c (charges at 1/10 of the amp/hour rating of the pack). 12 to 14 hours is optimum. Occasional overcharging at this rate won't cause any problems, but if left on continously you will shorten the life of the pack due to drying out the electrolyte. You may also cause what is known as Voltage Depression. Voltage depression is the lowering of the cell voltage due to overcharge. This results in the pack reaching it's cut off voltage sooner than would be expected.

Some fancy chargers drop to a trickle (maintance) charge rate of about 1/100c after the pack reaches full charge. If that is the case, then you are safe to leave the battery on charge.

If you are in the market for a charger, look for one that uses reverse, or negative pulse charging technology. That type of charger can extend useful life of nicads out to over 1000 charge/discharge cycles.

Lance KC7FVX

4313. Re: PICK MONEY UP!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: JERRY YOUNG <jeyoung@infoave.net>
Message-ID: <3254A3CB.46EC@infoave.net>
Source record: 215647

JERRY YOUNG wrote:
>
> Goscie wrote:
> >
> > Take five minutes to read this and it WILL change your life.
> >
> > I just read an article in an internet newsgroup describing how
> > to make $50,000.00 in only one month from a $5.00 investment.
> >
> > Of course I thought this was rediculous ,or some type of pyramid.
> > I talked it over with my family, an attorney, and my friends, and
> > they all agreed it was some sort of scam.I hate scams because
> > usually someone gets burned, and I didn't want it to be me!
> > I blew it off for a few weeks then saw another one in a
> > newsgroup I go to alot and thought, "Maybe this is legitimate!".
> > Besides, whats $5.00 , I spend more than that in the morning on
> > my way to work on coffee and cigs for the day.
> >
> >
> > Well, two weeks later,I began recieving money in the mail!
> > I couldn't believe it! Not just a little , I mean big bucks!
> > At first only a few hundred dollars, then a week later, a
> > couple of thousand , then BOOM . By the end of the fourth
> > week , I had recieved nearly $47,000.00. It came from all
> > over the world.And every bit of it perfectly legal and on the
> > up and up. I've been able to pay off all my bills and still had
> > enough left over for a nice vacation for me and my family.
> >
> > Not only does it work for me, it works for other folks as well.
> > Markus Valppu says he made $57,883 in four weeks. Dave Manning claims
> > he
> > made $53,664 in the same amount of time. Dan Shepstone says it was only
> > $17,000 for him. Do I know these folks? No, but when I read how they
> > say they did it, it made sense to me. Enough sense that I'm taking a
> > similar chance with $5 of my own money. Not a big chance, I admit--but
> > one with incredible potential, because $5 is all anyone ever invests in
> > this system. Period. That's all Markus, Dave, or Dan invested, yet
> > their $5 netted them tens of thousands of dollars each, in a safe,
> > legal,
> > completely legitimate way. Here's how it works in 3 easy steps:
> >
> > STEP 1.
> >
> > Invest your $5 by writing your name and address on five seperate pieces

> > of paper along with the words, "PLEASE ADD ME TO YOUR MAILING LIST."
> > (In
> > this way, you're not just sending a dollar to someone; you're paying
> > for
> > a legitimate service.) Fold a $1 bill, money order, or bank note inside
> > each paper, and mail them by standard U. S. Mail to the following five
> > addresses:
> >
> >
> >
> >
> > 1. Marco Monet
> > 409 N.E. 107 St.
> > Miami, Florida, USA 33161
> >
> > 2. Alain Renaud
> > 2638 Augustin-Cantin
> > Montreal, QC,Canada
> > H3K 1E1
> >
> > 3. Davin Greenfield
> > 7715 152 b ave
> > Edmonton, Ab, Canada
> > T5C-3M3
> >
> > 4. Jan Mazur
> > ul. Falskiego 21
> > 51-169 Wroclaw
> > Poland
>
> 5. jerry young
> 258 s main
> oneida,tn 37841
>
> >
> >
> > STEP 2.
> >
> > Now remove the top name from the list, and move the
> > other names up.This way, #5 becomes #4 and so on.
> > Put your name in as the fifth one on the list.
> >
> > STEP 3.
> >
> > Post the article to at least 200 newsgroups. There are at
> > least 17000 newsgroups at any given moment in time.
> > Try posting to as many newsgroups as you can.Remember
> > the more groups you post to, the more people will see your
> > article and send you cash!
> >

> > STEP 4.
> >
> > You are now in business for yourself, and should start seeing
> > returns within 7 to 14 days! Remember, the internet is new
> > and huge. There is no way you can lose.
> >
> > Now here is how and why this system works:
> >
> > Out of every block of 200 posts I made, I got back 5 responses.
> > Yes, thats right,only 5. You make $5.00 in cash, not checks or
> > money orders, but real cash with your name at #5.
> >
> > Each additional person who sent you $1.00 now also makes 200
> > additional postings with your name at #4, 1000 postings.On
> > average then, 50 people will send you $1.00 with your name at
> > #4,....$50.00 in your pocket!
> >
> > Now these 50 new people will make 200 postings each with your
> > name at #3 or 10,000 postings. Average return, 500 people= $500.
> > They make 200 postings each with your name at #2= 100,000
> > postings=5000 returns at $1.00 each=$5,000.00 in cash!
> >
> > Finally, 5,000 people make 200 postings each with your name at
> > #1 and you get a return of $50,000 before your name drops off
> > the list.And that's only if everyone down the line makes only 200
> > postings each! Your total income for this one cycle is $55,000.
> >
> > From time to time when you see your name is no longer on the list,
> > you take the latest posting you can find and start all over again.
> >
> > So thats it. Pretty simple sounding stuff, huh? But believe me, it
> > works. There are millions of people surfing the net every day, all
> > day, all over the world. And 100,000 new people get on the net
> > every day. You know that, you've seen the stories in the paper.
> > So, my friend, read and follow the simple instructions and play
> > fair. Thats the key, and thats all there is to it.Print this out
> > right now so you can refer back to this article easily.Try to keep
> > an eye on all the postings you made to make sure everyone is
> > playing fairly. You know where your name should be.
> >
> > REMEMBER....HONESTY IS THE BEST POLICY.YOU DON'T
> > NEED TO CHEAT THE BASIC IDEA TO MAKE THE MONEY!
> > GOOD LUCK TO ALL,AND PLEASE PLAY FAIR AND YOU WILL
> > WIN AND MAKE SOME REAL INSTANT FREE CASH!
> >
> > Winner.
> >
> >

4314. 3000 Vintage Manuals Available at http://www.sarrio.html

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-0310962250070001@host23.cyberg8t.com>
Source record: 215648

If you need a source for vintage radio manuals Ham/scanner/military/and commercial visit "The Raymond Sarrio Company" web site at http://www.sarrio.com. I have over 3000 manuals listed on-line. I can normally get manuals shipped within 2 business days, and I guarantee 100% customer satisfaction. 73's Ray
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront and web site developer. Located at http://www.sarrio.com.

In association with Brillar Enterprises http://win-win.com/brillar provider of discount CD-Roms!
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront and web site developer. Located at http://www.sarrio.com.

In association with Brillar Enterprises http://win-win.com/brillar provider of discount CD-Roms!

4315. Mast for vertical Yagi

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: gary@carcs1.wustl.edu
Message-ID: <5315b2$ajq@lex.zippo.com>
Source record: 215649

I'd like to put a 2-meter Yagi antenna on the roof of my house. I need
to polarize it vertically. If I do that, I don't think I can use steel
or aluminum masts, because they'll interfere with the operation of the Yagi.
Am I correct? If I am, does anyone have any suggestions?

- Gary KB0QGE

4316. Info QRP SWR brg ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: Avatar <avatar@frii.com>
Message-ID: <32546380.3EF3@frii.com>
Source record: 215650
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna,rec.radio.amateur.misc

I'd like to get recommendations for a accurate, quality engineered SWR bridge in the 1 to 5 watt range covering 1.8-30 MHz inclusive. It can be assembled or kit. Please state model and manufacturer info where I can get technical details.

my email: avatar@frii.com

Thanks in advance for your help.

73's
Dave
W0MAY

4317. re: question for carl and the no code group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: markl@dove.net.au
Message-ID: <844337260mnewsmarkl@dove.net.au>
Source record: 215651
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

> Cecil,
>
> Because developing the skills needed to receive code is much more
> difficult than learning theory, if given the choice most hams would
> probably elect not to attempt it (Well, actually they do have a choice,
> but not on the HF bands). The ham who has never learned and used the
> code on the air will never realize the attractiveness of the mode.

Why not apply that logic to every other mode. The ham who has never learned and used >>INSERT ANYTHING YOU LIKE BUT OTHERS MAY NOT, HERE<< on the air will never realize the attractiveness of the mode.

Is that why mechanical RTTY isn't as popular anymore? Should we make everyone stip down and rebuild a teleprinter so that they know the attractiveness of it?

Because some people will never realise what fun a mode (any mode) is not a valid reason for making it an examinable licence exam topic. Licence exams should test what the amateur is required to know and/or do after the licence has been granted. It should not be about what someone or some group thinks is attractive.

>
> > I assume this is true of all pro-coders and even true of the
> > pro-code-testers. I just wonder if the pro-code-testers feel, really
> > deep down, that CW is inferior, not attractive, and not effective and
> > would disappear without government subsidy. Is it protected because it
> > is a useful mode or is it simply another endangered species?
> >
> > 73, Cecil, W6RCA (not speaking for my employer)
>
> Cecil, I admit that part of the reason I am a proponent of the CW
> requirement is to preserve it, for I fear that without some requirement
> to learn it, it will become "an extinct species."

This seems to be a case of where you believe that the hobby cannot show that Morse serves a useful or interesting purpose (to some people). Even I don't believe that.

> 73,
> Lindsay
> WA4ISZ
> .

Regards, Mark.

4318. (none)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: steve@borisone.DEmon.co.UK
Message-ID: <Pine.LNX.3.91.961003210610.8578A-100000@borisone.demon.co.uk>
Source record: 215652

```
unsubscribe steve@borisone.demon.co.uk
```

4319. Re: Please, folks...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <52vjr2$8cb@news.Hawaii.Edu>
Source record: 215653

Carl Stevenson <carl@ais.net> wrote:
>bdbennet@ix.netcom.com(Robert Bennett) writes:

>>The motion to "End Discussion of Morse Code on r.r.a.m. " has been
>>moved and seconded, All those in favor say "AYA"

>Kill-file the threads if you don't want to read them ... otherwise quit
>bitching ...
>Carl - wa6vse
(Tech+ for 21 years)

Anarchy will distroy this newsgroup. .Policy was created to take the code debate off of this group. How can we respect your views when you won't even respect the rec.radio.amateur charter that governs these groups?

In each of my responses to your anti-code fantasies I place rrap in the header's "followup-to" line, but you always delete it. You're playing the role of a big bully; you're a perfect example why so many groups are becoming moderated.

Your newsgroup behavior aligns perfectly with your call for removing the sub-band plans - the louder and more obnoxious will be the victor.

Jeff KH2PZ

4320. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <52vkb5$8ph@news.Hawaii.Edu>
Source record: 215654

Ramon Gandia <rfg@nome.net> wrote:

(stuff deleted)

Do be more careful, Ramon. Bart did *not* say all of what appears below.
When you edit, make sure the attribution line matches the signature.
Jeff KH2PZ / KH6

Bart Jahnke, KB9NM ARRL/VEC wrote:
> > : to say the least, I mean custom call signs for the well off ;-$
> >
> > Another good reason I don't support ARRL unilaterally.

4321. Re: To the no-code advocates re: "Sam Morse"

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <52vn7o$bdg@news.Hawaii.Edu>
Source record: 215655

Carl Stevenson <carl@ais.net> wrote:
>I would suggest simply kill-filing or ignoring the pro-code ignoramus
>who insists on posting with th bogus pseudonym and address of "Sam
>Morse" ... it's not "cute" or clever ... it's just a troll ...

You mean Sam Morse KB1AQX?

>It's clear that he cannot be/does not want to be reasoned with and is
>totally unwilling to listen to or accept arguments that go against the
>code, no matter how accurate and factual ...
>so why waste the bandwidth providing gratification to someone who's not
>even committed to his "cause" enough to use his real name and callsign?
>
>Everyone is, of course, free to do what you want, but IMHO your time
>here is better spent debating the issues with people who are at least
>honest enough to correctly identify themselves ...
>73,
>Carl - wa6vse

Be honest yourself, Carl: Tell us once and for all what class license you hold; you always say "I've passed a code test" & "I've got HF privileges", but not once do I recall you stating what your license class is. Don't be ashamed.

If you want others to be honest, you too have to be honest and play fair (such as following the newsgroup's charter and keeping the code debate on .policy).

Jeff KH2ZP / KH6

4322. Re: 2m Wide Open in Florida

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <52v5b6$gbq@dfw-ixnews2.ix.netcom.com>
Source record: 215673

In <52uqs6$ji@sjx-ixn6.ix.netcom.com> robtrobn@ix.netcom.com(Robert Lewis) writes:
>
>Boy, this went downhill fast.
>
>To the original poster: I too enjoy the occasional 2m tropo contact.
>Great fun.
>
>Robert Lewis
>Lockhart, TX

Robert et al incuding the entire news group.

First my apologies for the band width. I am sorry it went downhill so far. Any further communications on the divergent thread made by me will be via email to the ISP involved if that is required.

Thanks to all for your patience.

73 Jerry

4323. Re: question for carl and the no code group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: carl@ais.net
Message-ID: <52v5rp$qsb@news.ais.net>
Source record: 215674
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <52qlst$5mk@tron.sci.fi>, keinanen@sci.fi (Paul Kein&#65533;nen) writes:
>
>Stiffening the requirements after the morse requirement is removed is
>the same as admitting that today the other requirements have been too
>easy and that those that have received the licence in the past are not
>fully competent to build and operate an amateur radio station.
>

Paul,

I think you've hit on something ... many (not all) in the old guard
can't face the possibility of having to admit (to themselves, at least)
that the tests that they passed are "no big deal" ... they have to have
a way (the code test) to convince themselves that there's something
"special" about them, since they know (deep in their hearts) that the
written tests are a joke and they memorized the answers anyway to squeak
by with a 75% score ...

As one pro-code fanatic said they can't stand the thought of losing
their "bragging rights" ...

This is clearly NOT a valid, compelling reason for maintaining a
backward status quo ...

Carl - wa6vse
carl@ais.net

4324. SIERRA SEMICONDUCTOR ANNOUNCES EXIT FROM MODEM CHIP SET

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: DAVE ABSHIRE <D.R.ABSHIRE@worldnet.att.net>
Message-ID: <01bbb0cc$e4eee8e0$2a5292cf@default>
Source record: 215675

SIERRA SEMICONDUCTOR ANNOUNCES EXIT FROM MODEM CHIP SET BUSINESS AND EARNINGS CHARGE OF $50-80 MILLION

Company to concentrate on networking and infrastructure semiconductor markets

SAN JOSE, CA --- August 28, 1996 --- Sierra Semiconductor Corporation (Nasdaq: SERA) today announced its intention to exit from the Modem chipset business and to focus on its existing Networking and Infrastructure semiconductor businesses. As a result of this decision, the Modem chipset product line has been put up for sale. This action will result in a one-time charge to earnings in the quarter ending September 30, 1996, of approximately $50 Million to $80 Million.

"The decision to no longer participate in Modem chipset products is based on the status of the PC Modem business today, as well as Sierra's long term goals as a company," said James V. Diller, chairman and CEO.

"As we have stated in the past, competition in the Modem chip business is increasing, placing pressure on prices and margins. In the last few months the overall market conditions for Modem chipsets has deteriorated significantly. We continue to see excess inventory in the distribution channel and excess capacity in the supply base. This is resulting in rapidly declining prices and corresponding declines in margins. Sierra does not see evidence that these trends will reverse, which implies that structural rather than cyclical changes have occurred in the Modem chipset market. Given this change in market dynamics, we believe it is in the best interests of Sierra and its shareholders to discontinue investing in this segment of the Company.

"Instead we intend to focus our energies and our resources on our Infrastructure and Networking product lines, where we believe Sierra holds a leadership product position. The Networking semiconductor market, in particular, has experienced significant growth during the last few years, and industry analysts have projected future growth in demand for Networking chips and chipsets. Sierra believes that its current position within this market offers a significant opportunity for future growth which represents a far better investment opportunity for Sierra long term," said Diller.

As part of Sierra's effort to sell the Modem chipset business, the Company will continue to operate this business segment and has committed to continue to provide customer support in the longer term. James Diller will assume the day to day responsibilities of Richard J. Koeltl, Sierra's president and COO, who will be leaving the Company.

The amount of the third fiscal quarter one-time charge depends on a number of factors which will be determined during September 1996 and will be publicly announced as part of Sierra's third quarter earnings release, currently scheduled for the third week of October 1996.

This press release contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934 which are subject to risks and uncertainties. Forward-looking statements which relate to increasing competition in the Modem chip business, estimates of modem chipset inventories and supply capacity, projections of Modem chipset pricing and the prospects for changes in these trends are subject to the quality and quantity of market information available to Sierra and changes in these market factors. Accordingly, there can be no assurance that any of these projected trends or events will occur. Forward-looking statements which relate to future growth in demand for Networking chips and chipsets, Sierra's position in the market for these products and the opportunities for Sierra in this market are subject to factors such as industry-wide demand for Networking equipment and the pricing of Networking semiconductor devices, the adoption of new technologies, Sierra's development of additional products and the actions of competitors. Sierra's Quarterly Report on Form 10Q filed with the Securities and Exchange Commission contains additional discussion of the risks and uncertainties relating to the Modem, Networking and Infrastructure markets. Forward-looking statements concerning the estimated range of the third-quarter charge to earnings are subject to factors such as the value of the Modem chipset business, write-offs related to inventory, fixed assets and personnel. Actual results could differ from those projected in any forward-looking statements for the reasons set forth above or in the Company's Form 10Q report.
FOR MORE INFORMATION CONTACT:

Gary W. Breeding
Sierra Public Relations
408/263-9300Annette Severiens
Sierra Semiconductor Investor Relations
408/263-9300

o0o

4325. FS Icom RC-71A/SP-3/RC-11/QF-1A

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: "Mark A. Vargas" <mvargas@worldnet.att.net>
Message-ID: <01bbb0d6$829df320$92d546c7@mark>
Source record: 215676
Cross-posted to: rec.ham-radio.swap,rec.radio.amateur.misc,rec.radio.shortwave

I have an Icom IC-R71A Short-wave receiver for sale with matching Icom speaker IC-SP3 external speaker and Icom RC-11 remote control. I am also including the Autek Research QF1A SSb/AM/CW filter.

Condition of the Icom IC-R71A is exceptional. No blemishes, scratches, etc. Speaker and peripherals are like new including the QF-1A from Autek Research.

The Icom IC-R71A covers 100Khz-30 Mhz
100 Db of dynamic range
Passband tuning
Adjustable notch filter
Level and pulse width
Selectable noise blanker
Selectable AGC
Filter switches
Keyboard frequency entry
SSB, AM, CW, RTTY and optional FM
32 memory channels
optional CW narrow filters

The package price ids $775.00 Transaction via UPS COD. {Free shipping UPS COD via UPS regular to CONUS}
The Package is "not" being broken up

Mark
KD2DI
Miami Lakes, Florida

4326. Re: SIERRA SEMICONDUCTOR ANNOUNCES EXIT FROM MODEM CHIP SET

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: jangus@netcom.com
Message-ID: <jangusDyoI4G.211@netcom.com>
Source record: 215677

"DAVE ABSHIRE" <D.R.ABSHIRE@worldnet.att.net> writes:

>SIERRA SEMICONDUCTOR ANNOUNCES EXIT FROM MODEM CHIP SET BUSINESS AND
>EARNINGS CHARGE OF $50-80 MILLION

>Company to concentrate on networking and infrastructure semiconductor
>markets

>SAN JOSE, CA --- August 28, 1996 --- Sierra Semiconductor Corporation
>(Nasdaq: SERA) today announced its intention to exit from the Modem chipset
>business and to focus on its existing Networking and Infrastructure

Er ah, did I miss something here? Why is this (interesting but off topic)
news brief posted herein rec.radio.amateur.misc?

JEff

--
Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NA | "It is difficult to imagine our
Internet: jangus@skyld.grendel.com | universe run by a single omni-
US Mail: PO Box 4425 Carson, CA 90749 | potent god. I see it more as a
Phone: 1 (310) 887-8545 | badly run corporation."

4327. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <52vahu$t00@jupiter.planet.net>
Source record: 215678

> Gareth Crispell <gareth@capecod.net> writes:
> >
> > This program of rented calls is a can of worms.
> >
> > Regards,
> > --
> > Tony - G3SKR / AA2PM email: tgold@panix.com
> > tgold@microvst.demon.co.uk
> > packet: g3skr@n0ary.#nocal.ca.usa.na
>
> --
> It is certainly going to wreck havoc with a lot of log programs.
>
> N1MSV
Not to mention all the incoming qsl buros.

steve
KF2TI

4328. Re: I wanna learn Morse code! :-)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: subbustr@whidbey.net
Message-ID: <52v9el$5lb@news.whidbey.com>
Source record: 215679

Use "SUPER MORSE" v4.04 which iz avail on the web...
Just use any web browser to srch fer it!! Iz great!!
Used w/DOS only...No WIN version avail.

dave
Oak Harbor, WA USA
Ham Radio - VE7-LFA/W7
subbustr@whidbey.net

4329. Re: Vain CW op Calculates

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: wrt@eskimo.com
Message-ID: <32552904.13674597@eskinews.eskimo.com>
Source record: 215680

Larry Deering <ldeering@haven.ios.com> wrote:

>The wait for Gate 2 results lets us rethink CW, bandwidth, etc. For instance,
>the number of applications on day one is roughly 4000. If the FCC typist is
>actually one CW op running 20 WPM, how much longer than three weeks (the
>estimate to input all of the calls) would it take?
>
>Each form has the current call, and 25 requested calls, for a total of 26. If
>you assume each call is a word, that's 26 words per form. Of course, the
>requested calls tend to be very short (N2EE vs. KJ0QJY for instance!).
>
>The time for one CW op @20 wpm = (4000*26)/20 minutes, or 5200 minutes, or
>86 hours 40 minutes, which is two work weeks and a day.
>
>A real cw op would be faster of course, sending the same 1x2 calls over and
>over again.
>
>sigh!
>Larry Deering, WA2YTE

Yes, but any typist worth his/her salt can do far better than 20 wpm! Another reason I like RTTY, but that's a whole 'nother thread.

73, Bill W7LZP
wrt@eskimo.com

4330. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: <>
Message-ID: <52vc5a$1g08@news-s01.ca.us.ibm.net>
Source record: 215681

In <32526B24.1FB3@arrl.org>, "Bart Jahnke, KB9NM ARRL/VEC" <vec@arrl.org> writes:
>Anthony R. Gold wrote:
>>
>> In article <32511FFF.1FA5@arrl.org>
>> vec@arrl.org "Bart Jahnke, KB9NM ARRL/VEC" writes:
>>
>> > Of course that issue is moot now...and the fee is $30 up front, and $30
>> > or more every ten years.
>>
>> The ten year anniversary is unlikely to coincide with license
>> renewal. Does the FCC have the power to revoke licences for which
>> the vanity fee remains unpaid? Or will the FCC change the call to
>> one they judge to be less `vain' for free and for no fee at all,
>> after explaining to congress that such a change costs them money.
>>
>> This program of rented calls is a can of worms.
>>
>> Regards,
>> --
>> Tony - G3SKR / AA2PM email: tgold@panix.com
>> tgold@microvst.demon.co.uk
>> packet: g3skr@n0ary.#nocal.ca.usa.na
>
>Tony:
>
>Ten years from now at renewal, if a fee is still required--but if it is
>not paid as required, the FCC will probably give that licensee 30-90
>days to pay up. Then, if no fee shows up, the FCC would probably
>reassign a sequentially-issued call sign from the, then current, call
>sign block for the persons license class.
>
>73,
>
>--Bart KB9NM
>
>==
>= | ARRL HQ =
>= Bart J. Jahnke, KB9NM | Tel: 860-594-0300 =
>= ARRL/VEC Manager | Fax: 860-594-0259 =
>= 225 Main St | Internet: vec@arrl.org =
>= Newington CT 06111 (USA) | MCI MAIL ID: 653-2312 =
>= | =
>==

Bart,

Is that speculation on your part, or is it as the rest of the program seems to be, pretty much 'winging it'?

- Jim

4331. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: <>
Message-ID: <52vcbr$1g08@news-s01.ca.us.ibm.net>
Source record: 215682

In <32525390.618A@nome.net>, Ramon Gandia <rfg@nome.net> writes:
>
>
>> >This is 'torture' and a mind '*uck' to say the least, especially after how
>> >many damn government shutdowns due to scum sucking politicians in D.C.? Yes
>> >*all* of them.
>
>Well, since I was a Republican delegate at the State convention, let
>me set the record straight, and I think this is pretty bipartisan,
>just history.
>
>The Republicans demanded Clinton sign an agreement to do the budget
>cuts or he would not get the continuing resolution to fund the
>federal government. Clinton refused and Clinton, not congress,
>mandated the government shut down. He had the option of continuing
>to run it on reserves, but he did not.
>
>On the other hand, if I was Clinton I would have done the exact same.
>After all, it doesn't take a rocket scientist to figure out that no
>one is going to sign a paper agreeing to a budget, when the budget
>has not been turned over to Clinton to look over. How in the heck
>that Newt and his cronies figured it was remotely fair, not to say
>utterly stupid, to complain about Clinton not agreeing when Clinton
>did not have the damn budget? Or the Republican's final 2002 deal?
>
>This is where Clinton gained the moral high ground and it looks like
>he is going to have it thru Nov. 5. Personally, I think Dole would
>make a fine president, and I suspect Clinton will break many of his
>promises, but never mind. There is no way that Dole is going to win
>this election, thanks to an utterly stupid jump-the-gun act on the
>part of congress.
>
>What uncle Newt should have done is give Clinton a continuing resolution
>for a couple of months, like Clinton and Pannetta wanted, a clean one,
>and then when the budget is finished, present it to Clinton and
>say: heres the budget, sign it, or give us an acceptable counter
>proposal or take the consequences when the continuing resolution
>expires. This way I think the Republican congress could have kept
>the moral high ground, and, lets face it, it would have been fair.
>The consititution says Congress passes and prepares the budget
>(in fact, I think it says the HOUSE).
>
>But the way it was done, even I, a true-believer in the Republican
>truth and light was totally apalled. I won't even mentioned the

>shenanigans at the State Convention. Even more apalling. Which I
>might bring up Thursday Oct 3 meeting with Sen. TEd Stevens here in
>Nome.
>
>But I am sure there are a lot of Democrats out there with horror
>stories about their party too.
>
>Hey, this is supposed to be about ham radio! Hope you get your
>call. I hate mine. AL7X sounds worse than my handpicked one KL7FM
>years ago when us extras could pick our call and before the creation
>of 2 x 1 calls. But all the guys here in Nome tell me to keep AL7X
>instead of reverting to KL7FM (which sounds great on CW!). So
>I didn't file for gate one (former call) like I could have.
>
>What do you think about my call? Should I keep AL7X or go back to
>KL7FM ??
>
>Ramon, AL7X, Nome, Alaska

4332. Re: MorseCode Decoder ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <52vepk$dtq@lehi.kuentos.guam.net>
Source record: 215683

Keith@unix.asb.com (Keith Knipschild) wrote:

>I have sampled a Morsecode signal from Satellite, but I need someone
>to decode it. its in a .WAV file about 190k

>Does anyone have the capability to DECODE a .WAV file ?

>Thanks,
>Keith

Keith,
A .wav file is a sound file. You need a computer with Windows and a sound
card to listen to it.

73, Jim KH2D

4333. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: <>
Message-ID: <52vdo0$1132@news-s01.ca.us.ibm.net>
Source record: 215684

In <52vcbr$1g08@news-s01.ca.us.ibm.net>, macino@ibm.net@smtp-news2.ibm.net writes:
>In <32525390.618A@nome.net>, Ramon Gandia <rfg@nome.net> writes:
>>
>>
>>> >This is 'torture' and a mind '*uck' to say the least, especially after how
>>> >many damn government shutdowns due to scum sucking politicians in D.C.? Yes
>>> >*all* of them.
>>
>>Well, since I was a Republican delegate at the State convention, let
>>me set the record straight, and I think this is pretty bipartisan,
>>just history.
>>
>>The Republicans demanded Clinton sign an agreement to do the budget
>>cuts or he would not get the continuing resolution to fund the
>>federal government. Clinton refused and Clinton, not congress,
>>mandated the government shut down. He had the option of continuing
>>to run it on reserves, but he did not.
>>
>>On the other hand, if I was Clinton I would have done the exact same.
>>After all, it doesn't take a rocket scientist to figure out that no
>>one is going to sign a paper agreeing to a budget, when the budget
>>has not been turned over to Clinton to look over. How in the heck
>>that Newt and his cronies figured it was remotely fair, not to say
>>utterly stupid, to complain about Clinton not agreeing when Clinton
>>did not have the damn budget? Or the Republican's final 2002 deal?
>>
>>This is where Clinton gained the moral high ground and it looks like
>>he is going to have it thru Nov. 5. Personally, I think Dole would
>>make a fine president, and I suspect Clinton will break many of his
>>promises, but never mind. There is no way that Dole is going to win
>>this election, thanks to an utterly stupid jump-the-gun act on the
>>part of congress.
>>
>>What uncle Newt should have done is give Clinton a continuing resolution
>>for a couple of months, like Clinton and Pannetta wanted, a clean one,
>>and then when the budget is finished, present it to Clinton and
>>say: heres the budget, sign it, or give us an acceptable counter
>>proposal or take the consequences when the continuing resolution
>>expires. This way I think the Republican congress could have kept
>>the moral high ground, and, lets face it, it would have been fair.
>>The consititution says Congress passes and prepares the budget
>>(in fact, I think it says the HOUSE).
>>
>>But the way it was done, even I, a true-believer in the Republican

>>truth and light was totally apalled. I won't even mentioned the
>>shenanigans at the State Convention. Even more apalling. Which I
>>might bring up Thursday Oct 3 meeting with Sen. TEd Stevens here in
>>Nome.
>>
>>But I am sure there are a lot of Democrats out there with horror
>>stories about their party too.
>>
>>Hey, this is supposed to be about ham radio! Hope you get your
>>call. I hate mine. AL7X sounds worse than my handpicked one KL7FM
>>years ago when us extras could pick our call and before the creation
>>of 2 x 1 calls. But all the guys here in Nome tell me to keep AL7X
>>instead of reverting to KL7FM (which sounds great on CW!). So
>>I didn't file for gate one (former call) like I could have.
>>
>>What do you think about my call? Should I keep AL7X or go back to
>>KL7FM ??
>>
>>Ramon, AL7X, Nome, Alaska
>

This wasn't my original post and is simply some soapbox operator spouting.
I guess it's really just a dead issue. - Jim

4334. Re: Radio Pwr Amp.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <52veq8$dtq@lehi.kuentos.guam.net>
Source record: 215685

carl@ais.net (Carl Stevenson) wrote:

>In <52ssp0$6j8@neon.Mlink.NET>, eric@contact.net (eric leblanc) writes:
>>I am operating a pirate radio in the 88-108 Mhz band whit a kit base on a
>>BA1404 Ic chip tha provid a stereo composit signal. THE PROBLEM. The signal is
>>to week for me. Ill need aroud 1Watt (or a bit MORE)to be fully satisfy. The
>>kit I own now delever around 0.001 Watt (About Half a mile from the antena).
>>I made my self 3/4 wave leth antena with 4 radial. I would like to know if
>>some one could help me by sending me a schematic of a Pwr. Amp. that could run
>>on 12 V. please.
>>
>> I'm despritly waiting for your feedback.
>>
>> E-Mail:eric@contact.net
>>
>>

>Eric,

>Your message above has been dutifully forwarded to the FCC ... please
>stay home and keep broadcasting illegally and they'll be around to
>confiscate your gear and deliver the NOL (that's a ticket, with a big
>fine) sometime later in the week ...

>Carl

Carl The Freedom Fighter strikes again..... How many white vans with antennas on the roof did the FCC say they would put on this case, Carl ?

4335. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: mc@shore.net
Message-ID: <52vg7q$ls@northshore.shore.net>
Source record: 215686

In article <32526B24.1FB3@arrl.org>,
Bart Jahnke, KB9NM ARRL/VEC <vec@arrl.org> wrote:
>Anthony R. Gold wrote:
>>
>> In article <32511FFF.1FA5@arrl.org>
>> vec@arrl.org "Bart Jahnke, KB9NM ARRL/VEC" writes:
>>
>> > Of course that issue is moot now...and the fee is $30 up front, and $30
>> > or more every ten years.
>>
>> The ten year anniversary is unlikely to coincide with license
>> renewal. Does the FCC have the power to revoke licences for which
>> the vanity fee remains unpaid? Or will the FCC change the call to
>> one they judge to be less `vain' for free and for no fee at all,
>> after explaining to congress that such a change costs them money.
>>
>> This program of rented calls is a can of worms.
>>
>> Regards,
>> --
>> Tony - G3SKR / AA2PM email: tgold@panix.com
>> tgold@microvst.demon.co.uk
>> packet: g3skr@n0ary.#nocal.ca.usa.na
>
>Tony:
>
>Ten years from now at renewal, if a fee is still required--but if it is
>not paid as required, the FCC will probably give that licensee 30-90
>days to pay up. Then, if no fee shows up, the FCC would probably
>reassign a sequentially-issued call sign from the, then current, call
>sign block for the persons license class.
>
>73,
>
>--Bart KB9NM
>
>==
>= | ARRL HQ =
>= Bart J. Jahnke, KB9NM | Tel: 860-594-0300 =
>= ARRL/VEC Manager | Fax: 860-594-0259 =
>= 225 Main St | Internet: vec@arrl.org =
>= Newington CT 06111 (USA) | MCI MAIL ID: 653-2312 =
>= | =
>==

In Canada station license fees have to be paid every year by March 31st. If this is not paid the station license is not valid and a person operating without a valid license is operating illegally. If you don't pay before the deadline you have to pay more to renew the license. If the license fee is not paid within a year it is cancelled and the callsign could be reassigned.

73,

Michael Crestohl, KH6KD/W1 (W1??)
mc@shore.net

also VE2XZ (because I pay my CA$24.00 every Match!)

4336. Re: Trouble with cq-contest reflector

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: thompson@atl.mindspring.com
Message-ID: <52vir7$4e0@camel0.mindspring.com>
Source record: 215687

radio@copland.udel.edu (Robert Penneys) wrote:

>Every time I mail to the cq-contest reflector, it bounces. Annd yet, I get
>all the postings. Any ideas? Tnx Bob

Bob,

Somehow your educational address has been shut out. Get someone to
E-Mail Trey (I think its Trey@tgv.com) and ask to remove the block.
I had the same problem with mindspring.com. I also got all the
messages just could not post.

Dave K4JRB

4337. Re: MBBIOS under Win95 - HOW ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <52vkbp$ekj@lehi.kuentos.guam.net>
Source record: 215688

fredrik.elversson@mailbox.swipnet.se (Fredrik Elversson) wrote:

>Hello,

>I am trying to run MBBIOS (and the DOS-versoin of FBB) under Win95.
>MBBIOS won't start (i.e FBB can't sync the modem at startup). Is there
>a way to let MBBIOS to have full access to COM2 ? Something to write
>in the sysintem.ini-file perhaps....?

>Or how is it done otherwise....

>73 de Fred SM7UGE

>Packet: SM7UGE@SM7UGE.F.SWE.EU
>E-mail: fredrik.elversson@mailbox.swipnet.se

Fred, with Windows 3.1, we had to load the BPQ TSR's before we
started Windows. I am not sure you can do that with 95, as I haven't bothered
to upgrade to it.

73, Jim KH2D

4338. Re: Who's Jamming 9.955?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: Jim Reid <jreid@aloha.net>
Message-ID: <01bbb0f2$87476d40$14070ccf@jim-reid-1>
Source record: 215689
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave

Dave Feustel <feustel@netcom.com> wrote in article
<feustelDyo8uv.9Jp@netcom.com>...
> I just recently started listening to WMRI (9.955, Miami).
> The last couple of nights there is a tremendous amount of noise
> almost obliterating the station. The noise started as a sound
> like bubbling water. Later a sound somewhat like a radial saw
> came in too. Where is all this jamming coming from and why?
> --
> Dave Feustel http://feustel.mixi.net
> 219-483-1857 mailto:feustel@netcom.com
>

Probably Cuba

Jim, AH6NB

4339. need vhf mod for ic706??

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: N2KBK <n2kbk@servtech.com>
Message-ID: <325392A2.2974@servtech.com>
Source record: 215690

hello ,

i have the little icom ic706 hf 6 and 2 meter rig .i have done the hf tx mod and was wondering if someone could send me any info on opening up the vhf TRANSMIT on this radio?? i have the REC mod with the cut the yellow wire and that workds great to hear outside the ham bands. i heard there was a mod to have it TX out side the ham band.

thanks for any info

n2kbk

4340. Re: AB pot and TYPE'S (allen bradley ?)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: Scott Robinson <spr@earthlink.net>
Message-ID: <52vk8r$8m2@chile.earthlink.net>
Source record: 215691
Cross-posted to:
rec.antiques.radio+phono,rec.audio.tubes,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

In article <52u5mc$akg_002@vf.pond.com> BadB, MattZ@pond.com writes:
>
>Well Im sitting here looking at some old AB pots and was wondering if they are
>any good for audio work... or anything... they seem to be pretty well made.

Allen-Bradley AB and Ohmite type J industrial pots are very high quality items. They use, I think, a graphite brush for a wiping contact on composition elements, rather than a metal brush on a deposited carbon element.

HP and Tek gear uses these. Need I say more?

Scott Robinson
spr@earthlink.net

4341. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: tgold@microvst.demon.co.uk
Message-ID: <844337095snz@microvst.demon.co.uk>
Source record: 215692

In article <52vg7q$ls@northshore.shore.net>
mc@shore.net "Michael Crestohl" writes:

> In Canada station license fees have to be paid every year by March 31st.
> If this is not paid the station license is not valid and a person
> operating without a valid license is operating illegally. If you don't
> pay before the deadline you have to pay more to renew the license. If the
> license fee is not paid within a year it is cancelled and the callsign
> could be reassigned.

There is no license fee in the USA. It's 10 years and it's FREE :-)

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

4342. re.speed writing with morse

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: kcubilo@freeway.net
Message-ID: <01bbb11d$7f8f8260$555899ce@freeway.net.freeway.net>
Source record: 215693

the suggestion to use a typewritter is very good when
I was a commercial cw op thats what we used. for
general ham use I found as your copy speed starts to
get close to 30wpm you can copy most all of it in your
head and just write down notes such as name and qth.
ken we8w

4343. Makeing Money

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: Lionness@sys280.chatlink.com
Message-ID: <758842@280.chatlink.com>
Source record: 215694

Take five minutes to read this and it WILL change your life.

I just read an article in an internet newsgroup describing how
to make $50,000.00 in only one month from a $5.00 investment.

Of course I thought this was rediculous ,or some type of pyramid.
I talked it over with my family, an attorney, and my friends, and
they all agreed it was some sort of scam.I hate scams because
usually someone gets burned, and I didn't want it to be me!
I blew it off for a few weeks then saw another one in a
newsgroup I go to alot and thought, "Maybe this is legitimate!".
Besides, whats $5.00 , I spend more than that in the morning on
my way to work on coffee and cigs for the day.

Well, two weeks later,I began recieving money in the mail!
I couldn't believe it! Not just a little , I mean big bucks!
At first only a few hundred dollars, then a week later, a
couple of thousand , then BOOM . By the end of the fourth
week , I had recieved nearly $47,000.00. It came from all
over the world.And every bit of it perfectly legal and on the
up and up. I've been able to pay off all my bills and still had
enough left over for a nice vacation for me and my family.

Not only does it work for me, it works for other folks as well.
Markus Valppu says he made $57,883 in four weeks. Dave Manning
claims he
made $53,664 in the same amount of time. Dan Shepstone says it was
only
$17,000 for him. Do I know these folks? No, but when I read how they
say they did it, it made sense to me. Enough sense that I'm taking a
similar chance with $5 of my own money. Not a big chance, I
admit--but
one with incredible potential, because $5 is all anyone ever invests
in
this system. Period. That's all Markus, Dave, or Dan invested, yet
their $5 netted them tens of thousands of dollars each, in a safe,
legal,
completely legitimate way. Here's how it works in 3 easy steps:

STEP 1.

Invest your $5 by writing your name and address on five seperate
pieces
of paper along with the words, "PLEASE ADD ME TO YOUR MAILING LIST."
(In
this way, you're not just sending a dollar to someone; you're paying

for
a legitimate service.) Fold a $1 bill, money order, or bank note
inside
each paper, and mail them by standard U. S. Mail to the following five
addresses:

1. Olivier Arcadipane
237 rue Francois Andre
7390 Quaregnon, Belgium

2. Marco Monet
409 N.E. 107 St.
Miami, Florida, USA 33161

3. Edwin Su
680 Sylvan Ave, #11
Mountain View, CA 94041 USA

4. Toby Vaught
203 Barringer Hall
Blacksburg, VA 24060

5. Carol Ann Bissonnette
115 Tavistock Street
Springfield, MA 01119-1215 USA

STEP 2.

Now remove the top name from the list, and move the
other names up.This way, #5 becomes #4 and so on.
Put your name in as the fifth one on the list.

STEP 3.

Post the article to at least 200 newsgroups. There are at
least 17000 newsgroups at any given moment in time.
Try posting to as many newsgroups as you can.Remember
the more groups you post to, the more people will see your
article and send you cash!

STEP 4.

You are now in business for yourself, and should start seeing
returns within 7 to 14 days! Remember, the internet is new
and huge. There is no way you can lose.

Now here is how and why this system works:

Out of every block of 200 posts I made, I got back 5 responses.
Yes, thats right,only 5. You make $5.00 in cash, not checks or
money orders, but real cash with your name at #5.

Each additional person who sent you $1.00 now also makes 200
additional postings with your name at #4, 1000 postings.On
average then, 50 people will send you $1.00 with your name at

#4,....$50.00 in your pocket!

Now these 50 new people will make 200 postings each with your name at #3 or 10,000 postings. Average return, 500 people= $500. They make 200 postings each with your name at #2= 100,000 postings=5000 returns at $1.00 each=$5,000.00 in cash!

Finally, 5,000 people make 200 postings each with your name at #1 and you get a return of $50,000 before your name drops off the list.And that's only if everyone down the line makes only 200 postings each! Your total income for this one cycle is $55,000.

From time to time when you see your name is no longer on the list, you take the latest posting you can find and start all over again.

So thats it. Pretty simple sounding stuff, huh? But believe me, it works. There are millions of people surfing the net every day, all day, all over the world. And 100,000 new people get on the net every day. You know that, you've seen the stories in the paper. So, my friend, read and follow the simple instructions and play fair. Thats the key, and thats all there is to it.Print this out right now so you can refer back to this article easily.Try to keep an eye on all the postings you made to make sure everyone is playing fairly. You know where your name should be.

REMEMBER....HONESTY IS THE BEST POLICY.YOU DON'T
NEED TO CHEAT THE BASIC IDEA TO MAKE THE MONEY!
GOOD LUCK TO ALL,AND PLEASE PLAY FAIR AND YOU WILL
WIN AND MAKE SOME REAL INSTANT FREE CASH!

* SLMR 2.1a * Curiosity didn't kill the cat, it was my hammer!

4344. Re: Vain CW op Calculates

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: Larry Deering <ldeering@haven.ios.com>
Message-ID: <3253D7A0.1183@haven.ios.com>
Source record: 215695

Bill Turner wrote:
>
> Larry Deering <ldeering@haven.ios.com> wrote:
>
> >The wait for Gate 2 results lets us rethink CW, bandwidth, etc. For instance,
> >the number of applications on day one is roughly 4000. If the FCC typist is
> >actually one CW op running 20 WPM, how much longer than three weeks (the
> >estimate to input all of the calls) would it take?
> >
> >Each form has the current call, and 25 requested calls, for a total of 26. If
> >you assume each call is a word, that's 26 words per form. Of course, the
> >requested calls tend to be very short (N2EE vs. KJ0QJY for instance!).
> >
> >The time for one CW op @20 wpm = (4000*26)/20 minutes, or 5200 minutes, or
> >86 hours 40 minutes, which is two work weeks and a day.
> >
> >A real cw op would be faster of course, sending the same 1x2 calls over and
> >over again.
> >
> >sigh!
> >Larry Deering, WA2YTE
> ----------
> Yes, but any typist worth his/her salt can do far better than 20 wpm! Another
> reason I like RTTY, but that's a whole 'nother thread.
>
> 73, Bill W7LZP
> wrt@eskimo.com

I guess to some of us the opening of Gate 2 is a big deal. We think
that the FCC is swamped with first day 610-V forms. I visualized a dozen
typists working overtime for three weeks to catch up. Then I looked at the
numbers, and was shocked at the real thru-put! At 20 wpm, one cw op would
finish the input task a week ahead of the FCC staff assigned to the job. The
FCC's real problem is reading the handwritten callsigns through the rings of
coffee stains on the forms! <g> If we had sunspots, who'd have time to fret
about the FCC? Better spots and better bands will be here in a few years. I
sure hope to have a call to match.

WA2YTE

4345. GI Radio Club WEB Page (Island Hunters have a look)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: Keith Stevenson GI0SSA <bdars@geocities.com>
Message-ID: <3253C3ED.72C9@geocities.com>
Source record: 215696
Cross-posted to: uk.radio.amateur,rec.radio.amateur.misc

The page is at http://www.geocities.com/SiliconValley/Park/7260/
I`d like to hear any comments - good or bad about it!

Note that this isn`t really a conventional page/club.

The article on our SSB Field day experiences might be of interest to
some!!

We also have some pictures from GI0SSA/p & GI0VGV/p on Mew Island
(eu122)
Also included is a short desc of our trip to Rathlin Island (Also eu122)
to operate GB2MRI (Marconi Rathlin Island).

Happy browsing,

Keith.

4346. Re: Improve extended receive IC3220

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: gfiber@cmc.net
Message-ID: <530clr$d6t@news.cmc.net>
Source record: 215697

Ronvandermey@worldaccess.nl wrote:

>Is there someone out there who knows how
>to improve the sensitivity out of band
>of a IC3220. I want to listen to 460-470 MHZ.
>The sensitivity is dramatically!!!
You need to figure a way to keep the Amateur radio front end alive as it switches off at 450 Mhz. One the 3220 is below 440 or above 450 Mhz a fixed tuned front end is turned on. The Amateur radio front is wide enough to work to about 470 Mhz. ICOM does not have any information on how to switch the amateur front end back on so you are on your own.

Gary

4347. Re: Help - recharging nicad batteries

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: gfiber@cmc.net
Message-ID: <530d2k$dc2@news.cmc.net>
Source record: 215698

Ramon Gandia <rfg@nome.net> wrote:

>Robert G. Strickland wrote:
>>
>> Is it okay to keep nicads in the recharger for extended periods of
>> time? I just bought some nicads, and the packing label says "Leave an
>> extra set on charge continuously to insure fresh battery power
>> whenever you need it." I've never heard/read this before. I've always
>> pulled them off charge after 10-14hrs. Any comments? If you can
>> include an email answer, I'd appreciate it. Thanks.

>It depends on the charger, and to some extent on the battery. There
>are intelligent chargers that will not hurt the battery. There are
>dumb chargers that stuff amperes into the poor thing until it gets
>all dried out. Then there are tiny trickle chargers that don't do
>much harm, but any such charger is slow and if left on for weeks and
>months will eventually cook the battery.

>Then, the radio manufacturers make a big markup on batteries. They
>may want to sell you some! Here is why. Those nice little square
>boxes that are the 9.6 volt battery pack for the Super 300 handie
>talkie looks like it is something special. Well, the plastic box is,
>and made by the thousands might cost $1 each, or maybe much less.

>But inside, there are just standard NiCad cells. These are available
>in various sizes, the most common are AA size, 2/3 length AA, and
>1/2 length AA. There are other sizes too. These can be had with
>solder tabs on them, no tabs like flashlight batteries, or
>weldable ends. They cost no more than regular AA batteries in single
>quantities and these folk buy in bulk, so a complete set of 8 cells
>for the 9.6 volt example above might cost the manufacturer only
>$2 to $5. Figure maybe $5 in assembly line labor to stuff the
>batteries in, solder them and glue the lid on. You have a total
>investment of $10 tops. Maybe much less. These batteries sell
>for about $50 to $80 from the radio manufacturer, or they can be
>rebuilt for about half that at several places, with brand new
>Nicads put into your little box. For popular radios, these battery
>oufits will often just sell you identical battery packs. Maybe they
>get them from the same source that made the radio for Yaesu, Kenwood
>Alinco, etc.

>You could rebuild it yourself, but sometimes the cells are exotic,
>or they are electronically welded, or the plastic box is glued so
>tight that there is no opening it without damaging it. And since
>you buy cells at retail price, the cost savinss is probably not worth
>the aggravation.

>Ramon, AL7X, Nome, Alaska.
Nicad batteries are considered to be enviormentally hazardous so the United States places real high duties on them for import so your $ 2 to 5 price is off mark here. Maybe if the batteries were made in the U.S. it might be cheaper. Now that many states are requireing the owner of Nicads to go to a Hazmat center fro proper disposal of Nicads, may times it costs one to throw away the Nicads also if the manufacturer has to bear the cost of disposal, the cost goes up. if you were selling batteries at $ 5.00 and the state of A;aska was charging you $ 2.00 to dispose the batteries, it is doubtful you would still be selling them for $ 5.00.

Gary

.

4348. Re: Vain CW op Calculates

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: Larry Deering <ldeering@haven.ios.com>
Message-ID: <3253E23C.6CC1@haven.ios.com>
Source record: 215699

Sorry to reply to my own post, but it just dawned on me the real reason for why it's taking so long for Gate 2 calls to be processed is just the delay for the checks to clear! Free stuff just zips through the FCC's system.

Larry Deering wrote:
> <lots of bull snipped!>

4349. Re: question for carl and the no code group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <5306d9$1l1@anomaly.ideamation.com>
Source record: 215700
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <52v5rp$qsb@news.ais.net>, Carl Stevenson <carl@ais.net> wrote:

>I think you've hit on something ... many (not all) in the old guard
>can't face the possibility of having to admit (to themselves, at least)
>that the tests that they passed are "no big deal" ...

Who might these "old guard" people be, Carl? Please post names and quotes
to support this claim.

My reading experiences are just the opposite of yours. I believe most of
us "pro-coders" know full well that the theory exams are next to useless.
We've stated it numerous times, in calling for tougher theory exams before
we'd consider eliminating the code examination.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

4350. Re: 2m Wide Open in Florida

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <530fpc$hpr@lehi.kuentos.guam.net>
Source record: 215701

kc5egg@ix.netcom.com (Gerald Schmitt) wrote:

>I am glad that you are so prepared because every time you slander me on
>the net I am going to complain to your ISP. If you choose to slander me
>from your place of employment that is your problem. Perhaps we can
>learn empirically all about your claimed Carte Blance internet account.
>You see Chris the only recourse I have is to complain to your ISP and
>ask to have the slander stopped.

No, the other thing you could do Jerry is grow up. You get on here, beg
for people to beat you up, and when they do, you cry about it. Act like an
adult or go back under your rock.

73, Jim KH2D

4351. Vanity applications entered at FCC

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: davej@sptekwv6.vnd.tek.com
Message-ID: <530gq7$lkm@bvadm.tek.com>
Source record: 215702

Just checked the FCC ftp site this AM and found my application
had been entered. They are at
ftp://www.fcc.gov/pub/XFZ_AlphaTest/amateur/

Applications are sorted by zipcode area of origin.
These are fairly big files 3MB zipped.

Dave Jordahl
WA0RXM (for now)

--
David Jordahl
Tektronix Inc., VND
PO Box 500, MS 58-850, Beaverton, Or. 97077
Email - davej@mda.vnd.tek.com
Disclaimer: Opinions expressed are my own.

4352. Re: 2m Wide Open in Florida

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: cgreenha@magnus.acs.ohio-state.edu
Message-ID: <cgreenha.745.3253C77D@magnus.acs.ohio-state.edu>
Source record: 215703

In article <530fpc$hpr@lehi.kuentos.guam.net> pacrimgolf@kuentos.guam.net (Jim Kehler) writes:

>>I am glad that you are so prepared because every time you slander me on
>>the net I am going to complain to your ISP. If you choose to slander me
>>from your place of employment that is your problem. Perhaps we can
>>learn empirically all about your claimed Carte Blance internet account.
>>You see Chris the only recourse I have is to complain to your ISP and
>>ask to have the slander stopped.

>No, the other thing you could do Jerry is grow up. You get on here, beg
>for people to beat you up, and when they do, you cry about it. Act like an
>adult or go back under your rock.

>73, Jim KH2D

Well said Jim...but given Geralds actions, Im sure its falling on deaf ears, and he will probably hurl threats at you, and contact your ISP.

Another thing he could do is discuss the issue as an adult, site and share proofs, and even civily debate the issue(s)...but that would not fit his selfish, arogant style.

Immaturity isnt something that can be taught...and unfortunatly...it doesnt appear that it will ever be attained by some.

I will respect the oher users of this forum, and not comment on the matter further.

Take care all.

Christopher K. Greenhalgh, N8WCT
Computer/Electronic Tech. II at The Ohio State University
E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

4353. Re: Theory Question

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: tcs@cmcorp.com
Message-ID: <530b09$lvr@newsie.dmc.com>
Source record: 215704

kk5dr@io.com wrote:

>What Theoretical Meter band has and anttena of infinite gain ?

Does any band come with an antenna?

>"Seek the truth, and the truth shall set you free."
> Matt/KK5DR

"If you make my word your home,
you will know the truth,
and the truth will make you free" Jesus Christ

Tom
WA1RHP
Net Elmer

4354. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-03 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct3.133019.11945@ke4zv.atl.ga.us>
Source record: 215705

In article <52r8p2$ms7@lehi.kuentos.guam.net> pacrimgolf@kuentos.guam.net writes:
>gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>
>>In article <52kh2s$8s6@news.ais.net> carl@ais.net writes:
>>>In <1996Sep26.213952.25949@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman)
writes:
>>>>Amateurs can certainly continue to *try* to use their older
>>>>modes of choice, but it will become increasingly difficult to do so.
>>>>Those who *voluntarily* choose to use superior modes will have greater
>>>>success, and eventually those who want to be successful on the bands
>>>>will follow their lead. This was the case when SSB displaced AM. AM
>>>>was not banned, but it became increasingly untenable to use while SSB
>>>>offered those who switched considerable advantage. This is just natural
>>>>selection at work. No one was coerced to switch, it just became obvious
>>>>that it would be stupid not to switch.
>>>
>>>Gary ... your point is (as usual) valid ... however, the CW folks
>>>continue to refuse to even consider switching ... in light of yout last
>>>sentence above this speaks volumes :-)
>
>The above statement may be valid to Carl The Freedom Fighter, but
>to me it sounds like bunk. Sure, SSB displaced AM. But one's and
>zero's aren't anywhere near displacing dits and dahs.
>
>Gary, you are in the testing business, so how about we do a little test.
>You mentioned you use Pactor or Clover, I forgot which, maybe both.
>And you said above:
>
>>>>Amateurs can certainly continue to *try* to use their older
>>>>modes of choice, but it will become increasingly difficult to do so.
>
>My 'older mode of choice' is CW. I don't think it's very difficult at all
>to make CW contacts on the ham bands. My favorite number is 500.
>So how about you give me a date and time to start the test, you make
>500 contacts with 500 different stations on Pactor, Clover, whatever,
>and I'll make 500 contacts with 500 different stations on CW, and we'll
>both post our logs here and see who had the most 'difficulty' completing
>the test. To make things interesting, let's allow the use of all the HF
>bands. Run what you brung. No need to make 'quality' contacts, just
>make contacts - pretend we are both in the middle of a large disaster
>area and we are crying for 500 people to come help us. If we can exchange
>signal reports, we can talk for a half an hour, no need to bore the world
>with our little test. If 500 is not a good number for you, make it a thousand
>or whatever. You know more about testing than I do. We could even post

>the logs on a daily basis so eveyone can see how we are doing.
>
>Wanna Play ? Here's you chance to show the world how well your digital
>stuff works and make us old fartz look bad.
>
>73, Jim KH2D

A test sounds like a good idea, Jim. But the contentless contacts
you suggest smell like Dx gaming to me. The purpose of communications
is to communicate, so I suggest we have something to say. Some of
my digital operator friends and I chirped this test idea over on the
air after I shared your message with them. We agreed that what we
need is some standard text to exchange for the test.

So, after a bit of debate, we decided that we'd just use this message
that you're reading now, verbatim, including the RFC822 header and the
sig, as the test message. What we propose is that I will contact as many
amateurs in as many ITU countries as possible via digital modes, pass this
message to them, and ask them to mail it to their nation's telecommunication
authority responsible for WRC-99 planning. You do the same via CW.

I agreed to mail a copy of the message to each administration with a
cover letter so that they would have a check text to compare with the
copies received from amateurs in their countries. This will allow
them to see how efficiently and accurately their nation's amateurs
can handle messages with greater than trivial content using various
text transmission methods. Each forwarding amateur should note below
the sig of the message the time, date, and mode used to receive the
message.

If you are agreeable to this test, I propose that it start on November
1, 1996 and run through November 30, 1996. We'll let the world's
telecommunications regulators be the judges of the test. I know there
are amateurs with digital capability in at least 200 ITU countries,
because I've worked that many. I assume that there are amateurs with
Morse capability in all ITU countries. That gives you an edge. Lets
see what you can make of it. Remember, the message must be delivered
verbatim to count.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4355. teletype decoder

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: David <davidh@enternet.co.nz>
Message-ID: <325430A2.273B@enternet.co.nz>
Source record: 215507

Does anyone know of a DOS program which will caputure, decode and store
radio teletype -- similar to decoding morse

davidh@enternet.co.nz

4356. 10/12/15/17 Nets in SE PA??

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: johnmans@enter.net
Message-ID: <531lhv$mrb@news.enter.net>
Source record: 215508

Are there any scheduled nets on 10M, 12M, 15M, and or 17M that I should be able to work from SE PA? QTH is 26 miles SW of
Lehigh Valley (Allentown) and 53 miles NW of Philadelphia.

Thanks.

johnmans@enter.net
****
John E. Mansfield Only you can make
1032 Montgomery Avenue it a great day!
Pennsburg, PA 18073
Semper Fidelis
KB3PC

To err is human,
to forgive is divine,
neither of which is USMC policy!

4357. Re: General to Advanced.. re-take code test?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <531nfj$do0@usenetw1.news.prodigy.com>
Source record: 215509

>
>I'm a tech-plus and have just passed my 13 word-per-minute code
>test. I know that the certificate of completion for the 13 wpm code
>test is good for one year. Assuming I pass the general class
>written exam within a year, is there some time limit for taking
>and passing the advanced class exam? For instance, suppose I
>take and pass the advanced class exam five years later. Will I
>have to retake the 13 wpm code test?
>
>- Gary KB0QGE

I wouldn't worry about it, Gary. From all indications, the Morse
requirement will be nothing but an antiquated memory five years from now.
The ITU will elimanate the international requirement in 1999 (if not
before), and the individual countries will immediately follow suit.

-Drew in Sunny Central Florida-
KF4DDM

4358. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: carl@ais.net
Message-ID: <531oh7$9tu@news.ais.net>
Source record: 215510
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <3250FA4B.4A8D@nome.net>, Ramon Gandia <rfg@nome.net> writes:
>
>Well, CArl. Here I have to take issue with you. I am a cw man, and
>I enjoy. So do thousands of hams. Lets not impose our likes and
>dislikes on others. You don't like CW, but like digital and voice?
>Fine. Don't operate CW, but don't dictate to me that CW is obsolete
>and needs be done away with.
>

Ramon ... I'm not saying (nor have I ever said) "ban CW" ... I observed
that MARS officials have chosen to do that ... it's their choice and I
can't find fault with it ... I have not advocated an FCC ban on the use
of CW in the ham bands ...

I have observed that:

>> It is not the government's "job" to "see that CW continues until
>> (anything) ..."
>>

i.e. government-mandated life-support for any mode is inappropriate.

>> And suitable replacements are ALREADY available ... the people in the
>> commercial services have been using various forms of them for decades.
>>

Merely refuting assertions that no suitable alternatives exist ...

>> Only hams continue to cling to the past by insisting on CW ...
>>
>> Even MARS has abandoned CW ... banning the use of the mode starting on
>> October 1st, 1996, I believe ...
>>

Simply stating facts ...

>I am not sure of the obsolete part, but I do agree that there are
>lots of perfectly suitable substitues....yelling into a mike being
>the most notable one.
>
>I am totally in favor of eliminating CW from the exam, but **not**
>the CW subbands (they could be smaller, though). Think about this
>a minute.
>

Agreed ...

>You would have a license class or two, both with no code. That's it.
>The big license has a no-code test but allows full privileges on
>the bands. However, the bands would still have divisions for
>CW, digital, voice, sstv, no-fm (weak signal vhf), beacons, etc. etc.
>
>The reason we have sub bands is that one man's cup of tea is another
>man's poison. It would probably get you ticked off if the CW people
>proposed doing away with phone for "being wasteful of spectrum space!"
>

Band plans, yes ... hard and fast government rules on sub-bands, no ...
they're too inflexible and tend to "gain lives of their own" that
persist long beyond their usefullness and cause stagnation ...

>Amateur radio is a hobby, engaged in for personal reasons, mostly
>for enjoyment, even as it might fullfill, once in a while, a public
>service or educations aim.
>
>Thus if I want to operate CW, I should be able to do so without
>getting abused by phone guys, and the phone guys should be protected
>from digital noises, and the meteor scatter guys from the fm'rs, etc.
>The sub-bands can be adjusted periodically by gaging the degree of use
>which they receive. I have no problem with that. In the year
>2020, when I am ready to croak from Alzheimers, the CW bands may be
>just 10 or 20 kHz.
>

It is possible to design wideband digital signals (like various forms of
spread spectrum) that could operate just fine as an "overlay" on
existing users with negligible interference potential ... hard and fast
sub-band plans (in law) preclude progress in this area and pander to the
idea that what we have will and must always be ...

>I just don't think that it is fair, in this day and age, to impose
>a test on a non-essential item.
>

Amen ...

Carl - wa6vse
carl@ais.net

4359. TEN-TEN Sprint on 10/10/96

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: n5ejs@linknet.net
Message-ID: <a37cc$14188.324@NEWS>
Source record: 215511
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur

On Oct. 10th the Ten-Ten International Net, Inc. will sponsor the
10-10 day Sprint Contest. You don't have to be a paid-up member to
participate in the first 10-10 Day Sprint. But if you plan to submit
logs you have to be current with your dues.

For more info, check out the rules on the Ten-Ten WWW page at:

http://www.lehigh.edu/lists/tenten-l/day.html

or you can find the details in the Oct. 1996 QST under Contest Corral
on page 101.

73 de N5EJS
Russ #1525

4360. Digital VS. CW Testing

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <531qfp$p77@lehi.kuentos.guam.net>
Source record: 215512

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>A test sounds like a good idea, Jim. But the contentless contacts
>you suggest smell like Dx gaming to me. The purpose of communications
>is to communicate, so I suggest we have something to say. Some of
>my digital operator friends and I chirped this test idea over on the
>air after I shared your message with them. We agreed that what we
>need is some standard text to exchange for the test.

>So, after a bit of debate, we decided that we'd just use this message
>that you're reading now, verbatim, including the RFC822 header and the
>sig, as the test message. What we propose is that I will contact as many
>amateurs in as many ITU countries as possible via digital modes, pass this
>message to them, and ask them to mail it to their nation's telecommunication
>authority responsible for WRC-99 planning. You do the same via CW.

>I agreed to mail a copy of the message to each administration with a
>cover letter so that they would have a check text to compare with the
>copies received from amateurs in their countries. This will allow
>them to see how efficiently and accurately their nation's amateurs
>can handle messages with greater than trivial content using various
>text transmission methods. Each forwarding amateur should note below
>the sig of the message the time, date, and mode used to receive the
>message.

>If you are agreeable to this test, I propose that it start on November
>1, 1996 and run through November 30, 1996. We'll let the world's
>telecommunications regulators be the judges of the test. I know there
>are amateurs with digital capability in at least 200 ITU countries,
>because I've worked that many. I assume that there are amateurs with
>Morse capability in all ITU countries. That gives you an edge. Lets
>see what you can make of it. Remember, the message must be delivered
>verbatim to count.

>Gary
>--
>Gary Coffman KE4ZV | You make it, | Due to provider problems
>Destructive Testing Systems | we break it. | with previous uucp addresses
>534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
>Lawrenceville, GA 30244 | |

So, in other words, you don't wanna play. Not with my rules, anyway.
I hadn't envisioned testing the capability of a mode to pass long text messages.
Certainly digital modes are better for passing long text messages, Gary, as long
as you pass them point to point and keep them away from BBS systems so they
don't get lost.

The purpose of communications is to communicate..... Has the sole purpose of ham radio become passing long text messages on HF ? Is 'DX gaming' no longer a facet of the hobby that attracts many hams worldwide ?

What I had envisioned was a rather short test to see if the statements about 'nobody is using CW anymore' and 'digital modes are more popular' are true. Which I could easily win.

What you envision is a test of passing a large amount of data to see if the the statements 'digital modes are more effective' than CW are true. Which you would easily win.

You obviously agree that I can make 500 contacts on CW much faster than you can make 500 contacts on Pactor or Clover. And I agree that you can pass long text messages on Pactor or Clover much easier than I can on CW.

So do we both agree that CW and the digital modes have different purposes on HF as they pertain to amateur radio, and that each would excell under certain conditions ? Or do we only agree that he who makes the rules wins the test ?

73, Jim KH2D

4361. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: jwc@a.crl.com
Message-ID: <531sm1$d3k@nntp.crl.com>
Source record: 215513

"Bart Jahnke, KB9NM ARRL/VEC" <vec@arrl.org> wrote:

>Anthony R. Gold wrote:
>>
>> In article <32511FFF.1FA5@arrl.org>
>> vec@arrl.org "Bart Jahnke, KB9NM ARRL/VEC" writes:
>>
>> > Of course that issue is moot now...and the fee is $30 up front, and $30
>> > or more every ten years.
>>
>> The ten year anniversary is unlikely to coincide with license
>> renewal. Does the FCC have the power to revoke licences for which
>> the vanity fee remains unpaid? Or will the FCC change the call to
>> one they judge to be less `vain' for free and for no fee at all,
>> after explaining to congress that such a change costs them money.
>>
>> This program of rented calls is a can of worms.
>>
>> Regards,
>> --
>> Tony - G3SKR / AA2PM email: tgold@panix.com
>> tgold@microvst.demon.co.uk
>> packet: g3skr@n0ary.#nocal.ca.usa.na

>Tony:

>Ten years from now at renewal, if a fee is still required--but if it is
>not paid as required, the FCC will probably give that licensee 30-90
>days to pay up. Then, if no fee shows up, the FCC would probably
>reassign a sequentially-issued call sign from the, then current, call
>sign block for the persons license class.

>73,

>--Bart KB9NM

Bart,
Actually the more likely scenario is that EVERYONE vanity or not
will be paying at least $30 to renew their license.

Jim
N0VAH (or at least until the 23 Sept Extra Vanity Call Lottery results
are announced)

4362. VE session in Northern NJ

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: kroser@pobox.com
Message-ID: <3254779c.1820976@news.openix.com>
Source record: 215514

The Morris & Essex Amateur Radio Club (MEARC) and the West Essex Amateur Radio Club (WEARC) will jointly conduct Amateur Radio examinations on the third Tuesday of every month, 7:00 PM, at the Essex Fells Service Building, 2nd floor, 307 Runnymede Rd, Essex Fells, NJ. Exams for all license classes will be administered by volunteer examiners certified by the American Radio Relay League (ARRL). Pre-registration is requested.

For more information and registration, call
Ken Roser at 201-377-4776 or Ken Spingarn at 201-377-1997

Tune into the MEARC Verona repeater, 448.875 (-5 MHz in), PL 151.4 Hz, for talk-in and announcements on the test sessions.

Next session: 10/15/96.

INSTRUCTIONS:
1. If you already hold an Amateur Radio license you must bring your CURRENT ORIGINAL license and a PHOTOCOPY (FCC requirement). The original license will be returned to you immediately since only the photocopy of your license is attached to your application form; without your original FCC license, the VE team can not provide you with temporary upgrade credit at the session even if you successfully complete the necessary element(s)
2. At least one pencil (#2 lead) and a suitable eraser
3. An ink pen
4. A PHOTO ID or any two forms of positive identification (FCC requirement) from this list (your cooperation in providing proper identification is appreciated):
- non-photo driver's license or other ID card (school or employer)
- birth certificate (with appropriate seal)
- passport
- minor's work permit
- any business or personal correspondence addressed to you
5. To receive credit for either a code or written element you have previously passed, you must bring the ORIGINAL and a PHOTOCOPY of your Certificate of Successful Completion of Examination (CSCE). The CSCE must have been issued within the past 365 days and can be from any VEC. Photocopies alone are not acceptable
6. Some electronic calculators (including programmable are allowed). Be prepared to demonstrate to the administering VE Team that all calculator memories have been cleared and that it has no built-in formulas (p is okay). They may otherwise have to deny you the use of your calculator.
7. Scratch paper and code copy sheets are provided. All notes made

during the test must remain with the test papers. Certificates for code, written and upgrade credit will be issued at the session.
8. For 1996, the test fee for all elements except for element 1A (5 WPM code) and element 2 (Novice written) is $6.05. There is no test fee for elements 1A and 2. Please bring either a check or money order made out to ARRL VEC or exact change as the VE team may not be able to make change.
9. PHYSICALLY HANDICAPPED PERSONS, including those with severe hearing loss, should read the instructions attached to FCC Form 610 regarding the "Physician's Certification of Disability" section of the application. Also, if special testing procedures are required (see FCC Section 97.26{g}), please notify the VE Team Contact Person immediately to help the VE Team maybe any special preparations for you. Contact the VE Team for details.

DIRECTIONS:
Test sessions are held at the Essex Fells Service building, 2nd floor, 307 Runnymede Rd, Essex Fells, NJ

From Route 280:
Take Route 280 (east or west) to exit 5B, then northbound on Livingston Avenue to the end. Turn right onto Eagle Rock Avenue. At the next light turn left onto Roseland Avenue. Proceed .8 miles on Roseland Avenue and turn left onto Borough Place (police station and church on corner). Go to stop sign and turn left onto Runnymede. Take Runnymede under the railroad bridge and service building is on the left just as Runnymede makes a sharp turn to the right. The service building is a brightly lit Tudor style building.

From Eisenhower Parkway:
Take Eisenhower Parkway to Eagle Rock Avenue (Exxon and Mobil stations on corner). Proceed 1.8 miles and turn left onto Roseland Avenue. Proceed .8 miles on Roseland Avenue and turn left onto Borough Place (police station and church on corner). Go to stop sign and turn left onto Runnymede. Take Runnymede under the railroad bridge and service building is on the left just as Runnymede makes a sharp turn to the right. The service building is a brightly lit Tudor style building.

From Bloomfield Avenue:
Take Bloomfield Avenue to Roseland Avenue. Proceed .8 miles on Roseland Avenue and turn right onto Borough Place (police station and church on corner). Go to stop sign and turn left onto Runnymede. Take Runnymede under the railroad bridge and service building is on the left just as Runnymede makes a sharp turn to the right. The service building is a brightly lit Tudor style building.

(Version 09/30/96)

4363. Re: SIERRA SEMICONDUCTOR ANNOUNCES EXIT FROM MODEM CHIP SET

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: DAVE ABSHIRE <D.R.ABSHIRE@worldnet.att.net>
Message-ID: <01bbb1a7$6bf9ac00$ce5292cf@default>
Source record: 215515

It was posted because not all Ham Operators single there selves to just
Radio.
Dave

> Er ah, did I miss something here? Why is this (interesting but off topic)
> news brief posted herein rec.radio.amateur.misc?
>
>
> JEff

4364. Re: General to Advanced.. re-take code test?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: hwatson@erinet.com
Message-ID: <5325ih$b4a@eri.erinet.com>
Source record: 215516

gary@carcs1.wustl.edu wrote:

>I'm a tech-plus and have just passed my 13 word-per-minute code
>test. I know that the certificate of completion for the 13 wpm code
>test is good for one year. Assuming I pass the general class
>written exam within a year, is there some time limit for taking
>and passing the advanced class exam? For instance, suppose I
>take and pass the advanced class exam five years later. Will I
>have to retake the 13 wpm code test?

>- Gary KB0QGE

Unless I am totally mistaken, the 1 year deal applies ONLY to theory tests. The code test is good forever. For example, lets say you pass the 20 wpm when you go for general and you don't take the theory test for extra for a couple of years, then you would NOT have to take another code test. Anybody feel free to correct me if I am wrong, but I'm pretty certain I am right. :>

Howard B. Watson Jr. - N3TNQ - hwatson@erinet.com - Springfield, OH

4365. Re: General to Advanced.. re-take code test?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: hwatson@erinet.com
Message-ID: <5325oo$b4a@eri.erinet.com>
Source record: 215517

VUBS79A@prodigy.com (Drew Durigan) wrote:

>>
>>I'm a tech-plus and have just passed my 13 word-per-minute code
>>test. I know that the certificate of completion for the 13 wpm code
>>test is good for one year. Assuming I pass the general class
>>written exam within a year, is there some time limit for taking
>>and passing the advanced class exam? For instance, suppose I
>>take and pass the advanced class exam five years later. Will I
>>have to retake the 13 wpm code test?
>>
>>- Gary KB0QGE

>I wouldn't worry about it, Gary. From all indications, the Morse
>requirement will be nothing but an antiquated memory five years from now.
> The ITU will elimanate the international requirement in 1999 (if not
>before), and the individual countries will immediately follow suit.

>-Drew in Sunny Central Florida-
> KF4DDM

Drew, I have never been one of those who have flamed you for your opinions, although I have been reading them regularly, but that answer was kind of rediculous. It gave Gary NO useful info and although I wouldn't mind seeing the code requirements lessened, I am afraid you are in for a BIG disappointment. It is FAR from a certainty that the ITU will eliminate it, and it will almost certainly NOT be an immediate followup from the member nations even if it does.

Howard B. Watson Jr. - N3TNQ - hwatson@erinet.com - Springfield, OH

4366. Re: VANITY CALAMITY

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: cphillips@pobox.com
Message-ID: <53247j$dpt@redstone.interpath.net>
Source record: 215518

joseph barros <jbarros@ici.net> wrote:
>Just found out that all this fuss about getting applications in on the
>opening day of gate 2 was a BIG waste of time. First in first out
>doesn't apply. It's a big "lottery" system (as it was described in a

I agree. I had read that the first applications received would be the
first processed, so I made an extra effort (no pun intended :-) to make
sure mine would be there early.

>WWW page). All info is being entered into a computer and entries will be
>selected at random and their respective call signs issued. I thought I
>remember reading that calls were supposed to be issued on a first come
>first serve basis! But, then again I guess the saying, "I'm from the

Same here, and I'm not very happy about it either.

======== Opinions expressed are solely those of the author =========
Curt Phillips, CEM KD4YU (ex-WB4LHI)| "I don't want to achieve
Chairman, Tar Heel Scanner/SWL Group| immortality through my work.
ARRL Life; QCWA; Raleigh ARS; NRA | I want to achieve it through
Energy/Recycling BBS 704-547-3114 | NOT DYING." -- Woody Allen
==== cphillips@pobox.com == [Copyright 1996 All rights reserved]====

4367. Re: Answer for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: dave@fgh.fgh.oz.au
Message-ID: <Dyqq5C.AL9@fgh.fgh.oz.au>
Source record: 215519
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <52tht4$4ii@lehi.kuentos.guam.net>,
pacrimgolf@kuentos.guam.net writes:

| Jeez, Dave, don't tell us they have a no code tech license in Australia too ?

Only for the past 40 years or so, like most other civilised countries.

| What kind of changes were you hoping for ?

Oh, the end of the requirement to shoe a horse before you can drive a car.
After all, you, the motorist, might find that your life depends upon being
able to shoe a horse, when all other transport has failed...

--
Dave Horsfall VK2KFU dave@fgh.oz.au Ph: +61 2 9957-4224 Fx: +61 2 9922-5286
FGH Decision Support Systems P/L, 77 Pacific Hwy, Nth. Sydney, 2060, Australia

4368. HamWindows email/web address

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: abeato@ibm.net
Message-ID: <532mps$u6g@news-s01.ny.us.ibm.net>
Source record: 215520

I need the email and/or web address for HamWindows

Thanks

Affonso PU1TAB abeato@ibm.net

4369. Re: Howard County, MD Hamfest Date ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: Ian Millett <millwa19@us.net>
Message-ID: <3254E6BF.4336@us.net>
Source record: 215521
Cross-posted to: rec.radio.amateur.misc,balt.general

Chris, you asked for:
>
> the date of the upcoming hamfest at the Howard County Fairgrounds?

The CARA Hamfest will be held on Sunday October 13, at the Howard County Fairgrounds, Rte. 144, West Friendship, MD. The Talk-in frequency will be 147.135/R. For more information you can contact Richard Frank, W9RZ, at (410)531-2933.

The next area hamfest will be the Mason-Dixon Hamfest on October 27, at the Carroll County Agricultural Center in Westminster. Talk-in will be on 145.41/R.

Ian, N3CVA
Baltimore.

4370. Makeing Money

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: Lionness@sys280.chatlink.com
Message-ID: <759030@280.chatlink.com>
Source record: 215522

> Everyone seems to be making money on the net these days. If you are
> reading this I assume that you have decided that it's your turn. The
> opportunity that will be described here is a PROVEN MONEY MAKER and
> it's perfectly LEGITIMATE AND LEGAL. So if you are ready to make some
> money read on, you have everything to gain..... Save this article to
> a file on your hard drive because you will need it later.
>
> I came accross this opportunity in one of the news groups. I read the
> article that was posted (very similar to this one) and thought that
> it sounded too easy. There had to be a catch. I checked with a friend
> of mine who happens to be an attorney and she assured me that it was
> perfectly legal with no catch as long as I followed the rules which
> are spelled out below.
>
> It will cost you five dollars to try this out but believe me you will
> make it back 100 fold. Just for the sake of saying it, you will not
> be sending the five dollars to me. Honesty is a must for this to
> work so follow the rules to the letter and in a few weeks you will
> be amazed at the results. I sure was.
>
> These are the rules:
>
> 1) Take five sheets of paper and write the following on each one:
> 'Please add my name to your list' include your name or the name
> of your business and your mailing address. In this way you are
> asking the person who receives the sheet of paper to perform a
> service for you which will be explained as we go through the rules.
> Please also include the name of the newsgroup that you get this
> message from, just to inform the service provider.
>
> 2) Now take each sheet that you prepared above and fold it around a
> one dollar bill (Please use U.S. currancy). Do not send checks or
> money orders. In this way you are paying for the service you
> have asked them to perform from step one. By folding the paper
> around the dollar bill you will insure its arrival at the intended
> destination.
>
> 3) Take each of the requests for service along with the one dollar
> payment for the service, place them in five envelopes, and send
> them to the five people listed below.
>
> 4) Read this step carefully. Remove the first name from the list
> of five names below. The name in position 1. Move the other
> four names up one position so that the name in position 2 is

> now in position 1, the name in position 3 is now in position 2,
> and so on. Place your name and address in position 5 (the last
> position on the list). When doing this do not use a word processor.
> You must leave this article as a straight MS-DOS text file so
> anyone recieving it can read it.
>
> 5) Now upload the updated file with your name in position 5 to as many
> news groups, and bulliten board message areas as possible. Give it
> a catchy description like "NEED CASH....FAST ??" or "PAY OFF YOUR DEBTS
> IN 90 DAYS", or "NEED CASH FOR THE HOLIDAYS ??", etc. The more
> uploads you make the more money you will earn.
>
> 6) This is another VERY IMPORTANT STEP. When someone sends you a dollar
> requesting that you add thier name to your list you must perform
> the service requested. All you need to do is save all the sheets
> of paper requesting to be added to your list in a folder (your list).
>
> 7) What do you do with your list? As time allows take the names and add
> them to the list below 2 or 3 at a time to the bottom most positions
> like 3, 4, and 5. Put yourself in position 2 or 3 and upload that
> article. In that way we all multiply the number of times our name
> appears and we perform a legitimate service. Be sure to continue to
> post the original updated article as well with the names as they
> appear below and your name in position 5.
>
>
> If you need help uploading just ask someone in one of the news groups or
> the sysop of the bullitin board and they will explain how it's done.
>
> You can expect to see a little money start to trickle in at around 2
> weeks, but around weeks 3 and 4 WOW!!
>
> 8) When the 'money storm' hits your mailbox go pay off your bills and
> debts, and then go get that something special that you've always
> wanted, or for your love ones.
>
>
> HERE IS THE LIST OF NAMES:
>
> Position 1: Richard Fitzgibbons
> 913 Maple Lane
> Lebanon, PA 17046
> U.S.A.
>
> Position 2: G. S. Interprises
> P.O. Box 570
> Fairmont, MN 56031
> U.S.A.
>
> Position 3: Michael 001

> 11-9, Ross Ade Dr.
> West Lafayette, IN 47906
> U.S.A.
>
> Position 4: M. Hache
> P.O. Box 364
> Shippagan, N.B.
> Canada
> E0B-2P0

> Position 5: Carol Ann Bissonnette
115 Tavistock Street
Springfield, MA 01119-1215
U.S.A.

> Honesty is what makes this work so do send the request for service and
> the one dollar payment for that service to the five people on the list.
> I invested the five dollars and it payed off big time because now the
> five people I sent to are all helping me get this posted with my name
> on their lists. If we all play fair the results will speak for themselves.
>
> Set some kind of a goal like 15 or 20 posts or more every couple of days.
> Make sure it's a goal you can achieve. One last thought, keep track of
> how much you make because you will need to report it as income for tax
> purposes.
>
> Just for fun you might also include on the sheets of paper the position
> that person was in when you got this article,
>
> You might want to keep this letter in a secure place, so that you can use it
> again sometime in the future.
>
> Sit back and start enjoying your life. Life is short, play hard!!!

* SLMR 2.1a * I just killed 26 Kilrathi...Why is my cat growling at me?

4371. SBPMorse experiences?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: D G Poulet <D.G.Poulet@durham.ac.uk>
Message-ID: <532ruc$kq2@mercury.dur.ac.uk>
Source record: 215523

Hi,

I've recently got a copy of SBPMorse to see how effective it is. I've got the headphone socket of my ageing R210 hooked up to the line-in of the Sound Blaster card, and I'm monitoring the signal through the headphone socket on the card itself.

Anyway, to cut a long story short, after tuning in to a strong, reasonably clear slow morse signal the program just sits there and does nothing. I've tried all sorts of combinations - varying the input "volume", trying the mic input, using different morse signals etc - all with the same result. The program gives no indication that its receiving anything at all. Has anyone else had experience with this package that could give me some pointers?

Thanks

David
G7NUC

--

| David Poulet - Systems Programmer | E-mail: D.G.Poulet@durham.ac.uk |
| Durham University, UK. | Phone: 0191-374-4718 |

4372. Re: for Gary

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <532uj8$g25@freenet-news.carleton.ca>
Source record: 215524

Cecil Moore (Cecil_A_Moore@ccm.ch.intel.com) writes:
>
> Using high-level instructions, the digital transmitter would require
> the least amount of instructions. Most electronics are getting to a
> higher and higher level of hardware and software integration thereby
> making it easier for ordinary hams to take advantage of the latest
> technological developments. That the average ham is not doing so
> is just an indication of being stuck in the electronic dark ages.
>
> 73, Cecil, W6RCA (not speaking for my employer)

I understand where you are comming from, Cecil, however I am not of the same school of thought. I'm more the type that would design a compiler rather than use it to compile code.

I preffer assembly (machine) language when designing small programms. That's me. Personally I don't mind that there are programmers that use a 3GL or C++ or whatever. It's there, use it.

Using microchips as black boxes is not the reason I got into this hobby. I enjoy using them, but must understand them. Let's face it, when I put a pc together I don't build all my own logic gates! I buy chips. But I know how they work and respect the fact that they are complicated and I cannot build them this way.

That is in essence what I'm am trying to convey (perhaps not as clearly as some would like.) I understand Digitial Comms but respect the fact that they are more complicated (and better) than what I can build from scratch. I can't build a car from scratch either, but I drive one everyday. (too lazy to bicycle when it is -32 here in Canada).

See you.

--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

4373. Re: #1 Rule of ham radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: gfoley@freenet.columbus.oh.us
Message-ID: <53328d$ru0@login.freenet.columbus.oh.us>
Source record: 215525

kk5dr@io.com wrote:
: When you have something to say, make sure it's worth listening to.

: "Seek the truth, and the truth shall set you free."
: Matt/KK5DR

Are you trying to wipe out ham radio, plus 99 percent of broadcasting?

K8EF

--
Gerry

4374. Re: teletype decoder

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: jangus@netcom.com
Message-ID: <jangusDyr67u.3ul@netcom.com>
Source record: 215526

David <davidh@enternet.co.nz> writes:

>Does anyone know of a DOS program which will caputure, decode and store
>radio teletype -- similar to decoding morse

>davidh@enternet.co.nz

Look for a variation of HAMCOM at an ftp site near you.
ftp.ucsd.edu or oak.oakland.edu for example

Jeff

--
Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NA | "It is difficult to imagine our
Internet: jangus@skyld.grendel.com | universe run by a single omni-
US Mail: PO Box 4425 Carson, CA 90749 | potent god. I see it more as a
Phone: 1 (310) 887-8545 | badly run corporation."

4375. Re: Suffixes to amateur call signs

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <5336nf$16k@lehi.kuentos.guam.net>
Source record: 215527

gary@carcs1.wustl.edu wrote:

>What do the suffixes attached to amateur call signs mean?
>For instance, the "7" in "KA0AAA/7", or the "AE" in "K0BB/AE"?

>- Gary KB0QGE

Gary,
The /7 means that KA0AAA is operating portable somewhere in the 7th call area. It is not required to do use the /7, but some stations do it. For example, if I was operating from California, I could sign KH2D or KH2D/W6 which would let people who hear me know where I am without asking. At one time, you could tell where someone was by his or her callsign, but not any more.
The /AE means Amateur Extra, and is used by someone who just passed an upgrade test and is waiting for a permanent license. /AG would mean Amateur General. I'm not really sure if this system is still in place now either.
You will also see callsigns with what you call the 'suffix' moved to the front of the call. For example, I have a friend here is Guam who signs his call as KH2/VP9BP.
You will run into a few more, such as /M (mobile) or /MM (maritime mobile, on a ship). Some stations in Europe use /P (portable).

Hope that helps.

73, Jim KH2D

4376. Re: General to Advanced.. re-take code test?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <5336su$16k@lehi.kuentos.guam.net>
Source record: 215528

gary@carcs1.wustl.edu wrote:

>I'm a tech-plus and have just passed my 13 word-per-minute code
>test. I know that the certificate of completion for the 13 wpm code
>test is good for one year. Assuming I pass the general class
>written exam within a year, is there some time limit for taking
>and passing the advanced class exam? For instance, suppose I
>take and pass the advanced class exam five years later. Will I
>have to retake the 13 wpm code test?

>- Gary KB0QGE

Gary,

No, you won't have to retake the 13 wpm for advanced. To upgrade
from general to advanced, all that is required is the advanced written
exam.

73, Jim KH2D

4377. Re: Mast for vertical Yagi

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <5337bs$16k@lehi.kuentos.guam.net>
Source record: 215529

gary@carcs1.wustl.edu wrote:

>I'd like to put a 2-meter Yagi antenna on the roof of my house. I need
>to polarize it vertically. If I do that, I don't think I can use steel
>or aluminum masts, because they'll interfere with the operation of the Yagi.
>Am I correct? If I am, does anyone have any suggestions?

>- Gary KB0QGE

Gary, technically speaking, the metal mast would probably have some effect
on the antenna, but minimal. We all use metal masts for antennas. For a
crossboom on satellite antennas, my friend came up with a piece of heavy
PVC pipe (hot water type, I think) with a wooden closet pole inside to make
it a bit stiffer. I use that idea for several years to support VHF/UHF yagis.

73, Jim KH2D

4378. Re: General to Advanced.. re-take code test?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: Nat Davis <ndavis@vt.edu>
Message-ID: <325522E4.6579@vt.edu>
Source record: 215530

Drew Durigan wrote:
>
> >
> >I'm a tech-plus and have just passed my 13 word-per-minute code
> >test. I know that the certificate of completion for the 13 wpm code
> >test is good for one year. Assuming I pass the general class
> >written exam within a year, is there some time limit for taking
> >and passing the advanced class exam? For instance, suppose I
> >take and pass the advanced class exam five years later. Will I
> >have to retake the 13 wpm code test?
> >
> >- Gary KB0QGE
>
> I wouldn't worry about it, Gary. From all indications, the Morse
> requirement will be nothing but an antiquated memory five years from now.
> The ITU will elimanate the international requirement in 1999 (if not
> before), and the individual countries will immediately follow suit.
>
> -Drew in Sunny Central Florida-
> KF4DDM

This did not answer his question. Your 13 wpm code test is valid for
the 1-yr period during which you are studying to upgrade to general (or
higher). Once you make general, you only have to take a written test to
move to advanced. Another code test (20 wpm) and written test are
required for extra. Making general class opens up the HF spectrum to
you. Contesting, Dxing and other HF activities are a lot of fun! Hang
in there and good luck on the written testing process.

Nat Davis
N4BTO

4379. Figures of Merit was(Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct4.134449.2688@ke4zv.atl.ga.us>
Source record: 215531
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Paul Flaherty wrote:
>carl@ais.net wrote:
>> Dollars are not the relevant figure of merit ... it's an equation like:
>
>Outside of academia, dollars are *the* figure of merit. Ham Radio purchases
>are *very* cost sensitive. To claim that you don't care what it costs
>smacks of elitism.

I'd say Carl merely recognizes that even advanced methods are relatively
inexpensive to implement today. Therefore relative equipment costs are
no longer an important factor.

>> (value_of_activity*number_of_users)/(spectral_efficiency)
>
>Buried in this equation is a very dangerous idea: that some QSOs are more
>valuable than others, an idea wholly repugnant to the First Amendment.

I don't know how the First Amendment enters into this, but there are
certainly differences in the importance of the content of various
messages. Obviously, emergency traffic is more important than a
contentless Dx gaming contact, public serive traffic is more important
than a contentless Dx gaming contact, technical discussions and tests
are more important than contentless Dx gaming contacts, frank exchanges
of views between amateurs of various nations are more valuable than a
contentless Dx gaming contact, etc. The relative importance of any
contact is a function of the nature of the information being exchanged.
If the information exchanged is trivial or non-existant, then the contact
is of little or no value.

A very rough first order figure of merit can be obtained from the rate
of information exchange. That facilitates content exchange, and is thus
a very important factor for any communications system. If in addition we
predicate that on effective bandwidth consumed (whether in one chunk or
in many tiny slivers), we get the metric the FCC likes, bits/sec/Hz, or
in more hammy terms, WPM/Hz.

Given that metric for individual amateur stations, and given the total
available amateur bandwidth, we can then derive a number for the total
information being exchanged on an amateur band at a given time. Maximizing
that metric would be a useful goal. We often can't determine a priori what
particular bit of information will be valuable and what bit will not, but
by maximizing total information exchanged, we can increase the probability
that information of importance will be included in at least some of the
exchanges.

>After all, who can make such a judgement? A more objective figure of merit
>would be:
>
>(# of QSOs)**2 / (Hz) * (Total Equipment Cost)

Buried in that equation is a very dangerous idea, that sheer numbers
of cheap QSOs are of dominant importance, regardless of whether they
contain any information content. The purpose of communications is to
communicate content. If your metric fails to recognize this, it is
merely measuring the number of RF noise sources operating. That might
be useful on Ch 19 CB, or on a California jammer repeater, or for the
warfare on 75m where stations are running "horse races" to see who
can jam K1MAN most effectively, but I don't think it is a very good
metric for the purposes amateur radio is supposed to serve.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4380. Re: SCREW THE CODE!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct4.140942.2803@ke4zv.atl.ga.us>
Source record: 215532

In article <52o0ju$e5m@clark.zippo.com> ke4htm@bluenet.net (Jamie R. Dean) writes:
>So folks let the code war stop. It is not important. We and wasting
>bandwidth and airspace when we can't change what the FCC and ITU says.

Of course we can change what the FCC says, how do you think you got
that no-code license of yours? It took over a decade of grassroots
politicking, some of it right here on usenet, to get that implemented.
The only difference at HF is that we have to influence the ITU as well
due to the treaty requirement. We have an opportunity to do that via WRC99.
The preparatory processes for that conference are under way *right now*
in the ITU member countries. This is a pivotal moment, S25 may not
be revisited again for decades to come after WRC99. The shape of amateur
radio for the 21st century is at stake here.

This is not a waste of time, talent, or energy, much less "bandwidth".
The thing you have to realize about "bandwidth" in the context you're
using it is that the amount you don't use today is gone forever. You
can't conserve it for a rainy day.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4381. Kenwood HF radios in Truck Stops?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: DAVE ABSHIRE <D.R.ABSHIRE@worldnet.att.net>
Message-ID: <01bbb209$dd3f8d00$e65292cf@default>
Source record: 215533

I saw it posted some where that Kenwood Radios where going to be sold in Truck Stops. I had to go see for myself if there was any truth to the rumor, and this is what I found at there Web Sight......This is best viewed with screen Maximized....
Dave

AN IMPORTANT POLICY ANNOUNCEMENT FROM KENWOOD

Over the past several months, QST has reported that Kenwood is selling our Amateur products to CB stores and Truck Stops. We want to make it clear that this is just not true.

For years Kenwood has received thousands of requests from small electronics retailers as to how to become Authorized Amateur dealers. The majority of these requests came from Amateurs who live in communities with Amateur clubs and repeater groups. Considering that 18 states had no Authorized Kenwood dealer and 26 more states with only 1 Kenwood dealer, we agreed with these individuals that more local representation of Amateur radios and accessories was needed. Although mail-order opportunities provide low prices, it is clear that new people in the hobby want to "see" what they were purchasing and have the opportunity to go to their local dealer to purchase accessories and receive operating tips. Traveling 100's of miles was simply not practical. In addition, Kenwood also felt that exposing more people to ham radio is good for growth of the hobby. It's seems perfectly logical that smaller stores with Amateur Radio departments could exist in local areas.

The problem Kenwood faced was how to provide radios to these numerous small dealers. The decision was made to use well known established distributors who could sell radios to those businesses. Our distributors were carefully selected and interviewed. Some were selling Amateur related products and accessories. All these distributors understand their responsibilities in regards to the sale of Amateur products for licensed use only.

Kenwood is also working hard with others in the Amateur radio community to help improve public awareness of the Amateur Radio Service. Soon, we will have available a 25 page introduction brochure about Amateur Radio. This brochure is designed for adults as well as children who are interested in learning about Amateur Radio. We will also offer special Kenwood FCC license study guide packages with special prices for clubs and schools.

In closing, Kenwood wants everyone to know that we are deeply committed to Amateur Radio. We believe our plans to encourage more licensed Amateur operators is in keeping with this commitment.

NOTICE TO AMATEUR RADIO PURCHASERS

Transmitting on an Amateur Radio requires an FCC Amateur Radio License. A license is written authorization to operate an Amateur radio station. Without this FCC license to operate, you are subject to a serious fine from the Federal Communications Commission (FCC).

It's easy and fun to become a member of the Amateur Radio Service.

Contact the American Radio Relay League for more information about how to get a license.

PHONE 860-594-0200
FAX 860-594-0259
INTERNET http://www.arrl.org
| Home |

09/20/96 • Kenwood Communications Corporation

4382. Phonetic alphabets (Alpha Bravo Charlie Delta) (revised)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: Brian.Kelk@cl.cam.ac.uk
Message-ID: <533d0e$rqn@lyra.csx.cam.ac.uk>
Source record: 215534
Cross-posted to: sci.lang,rec.radio.amateur.misc,rec.radio.info,rec.answers,sci.answers,news.answers

```
Archive-name: radio/phonetic-alph/full
Posting-Frequency: six weeks

Phonetic Alphabets (Alpha Bravo etc)
October 1996

There is a widely known alphabet Alpha Bravo ... Yankee Zulu.
Such alphabets are variously known as phonetic alphabets,
radio alphabets, spelling alphabets and telephone alphabets.
This collection currently includes alphabets for the
following languages:

English, French, German, Dutch, Flemish, Spanish,
Portuguese, Italian, Rumantsch, Danish, Norwegian,
Swedish, Finnish, Czech, Slovak, Polish, Hungarian,
Croatian, Serbo-Croat, Romanian, Turkish, Hebrew,
Russian, Swahili, Kwanyama, Ndonga, Chinese and
Esperanto.

This posting supersedes the one of 16th August. Changes are
minor.

My thanks to the many contributors, not all of whom are
acknowledged below.

Please report any errors. Please also mail or post any
further information or anecdotes, or specific references
where I have only second-hand information.

In my capacity as the editor of this collection I have no
objection to the further electronic distribution of this
posting in full in circumstances where it is likely to be of
interest; in the case of Web pages I ask that care be taken,
as it is easy to mangle something. Note that there is also a
brief version of this collection.

Following discussions last year this article is not now
posted to alt.usage.english. As of 10th April it is now
crossposted to various *.answers groups.

You may find a copy of this article and some other material
on the World Wide Web at:

<http://www.cl.cam.ac.uk/users/bck1/menu.html>

Copies of this article may also be found at:
```

<http://www.columbia.edu/~fuat/cuarc/phonetic.html>

<ftp://rtfm.mit.edu/pub/usenet/news.answers/radio/phonetic-alph/full>

<ftp://ftp.cs.ruu.nl/pub/NEWS.ANSWERS/radio/phonetic-alph/full>

Editorial comments are in square brackets [].

Brian Kelk bck1@cl.cam.ac.uk
4 October 1996

***** ENGLISH *****

The NATO phonetic alphabet:

Alpha Bravo Charlie Delta Echo Foxtrot Golf Hotel India
Juliet Kilo Lima Mike November Oscar Papa Quebec Romeo
Sierra Tango Uniform Victor Whiskey Xray Yankee Zulu

[This alphabet dates from about 1955 and is approved by the
International Civil Aviation Organization, the FAA and the
the International Telecommunication Union; note that
different bodies prefer different spellings, so one also
sees: Alfa Juliett Juliette Oskar Viktor]

[The alphabet above is from the Cambridge Encyclopedia of
Language. An alphabet with Alfa X-ray can be found in The
U.S. Department of Defense Dictionary of Military Terms]

[UK police use Indigo(??) instead of India.
German army handbook 90/91: Alfa Foxtrott Juliett.
Italian version: Alfa Charly FoxTrot Giuliet Romio Wiskey.
An Indonesian phrase book: Beta Ultra Volvo Whisky X-ray.
A precursor of the present alphabet had: Alfa Coca Metro
Nectar Siera Union Whisky Extra]

Phonetics for digits (from an amateur radio FAQ):

zero one two tree fower fife six seven eight niner

From the Cambridge Encyclopedia of Language:

zero wun too tree fower fife six seven ait niner

'Telecom B':

Alfred Benjamin Charles David Edward Frederick George Harry
Isaac Jack King London Mary Nellie Oliver Peter Queen Robert
Samuel Tommy Uncle Victor William Xray Yellow Zebra

[Found also in Swedish, Dutch, Hungarian telephone
directories. An 'analogy alphabet' in a Kenyan directory
has Charlie and no Y. A Swiss directory: Andrew Charlie
Lussy Queenie Sugar. French/German vocabulary books: Andrew
Charlie Lucy Mike Nelly Sugar Xmas. English phrase books
for Spanish/Italian speakers: Charlie]

'British A':

Amsterdam Baltimore Casablanca Denmark Edison Florida
Gallipoli Havana Italia Jerusalem Kilogramme Liverpool
Madagascar New_York Oslo Paris Quebec Roma Santiago Tripoli
Uppsala Valencia Washington Xantippe Yokohama Zurich

[An 'international' alphabet in a Dutch telephone directory
has: Danemark. A 'French' alphabet in a Hungarian directory
has: Cassablanka Danemark Que'bec Upsala Zu"rich.
An 'international' alphabet in a business book for French
has: Italy Kilogram Zu"rich; the corresponding book for
German has: Italy Kilogram Xanthippe Zu"rich]

Telephone alphabet used in India:

Army Brother Cinema Doctor English Father Gold Hotel India
Jam King Lady Mother Navy Orange Paper Queen Raja Sister
Table Uncle Victory Water Xray Yellow Zero

Used by police in New York City:

Adam Boy Charlie David Edward Frank George Henry Ida John
King Lincoln Mary Nora Ocean Peter Queen Robert Sam Tom
Union Victor William X-ray Young Zebra

[Variants: Eddie Larry Nancy Thomas Yankee Yellow]

Used by police in Nassau County, Long Island, New York:

Adam Boston Chicago Denver Edward Frank George Henry Ida
John King Lincoln Mary Nancy Ocean Peter Queen Robert Sam
Thomas Union Victor William X-ray Young Zebra

Used by police in San Diego, California:

Adam Boy Charles David Edward Frank George Henry Ida John
King Lincoln Mary Nora Ocean Paul Queen Robert Sam Tom Unit
Victor William Xray Yellow Zebra

Used by police in Hutchinson, Kansas:

Adam Boy Charles David Edward Frank George Henry Ida John
King Lincoln Mary Nora Ocean Paul Q.. Robert Sam Tom Union
Victor William X-ray Yankee Zebra

Alternative phonetics sometimes used unofficially in amateur
radio:

America Boston Canada Denmark England France Germany
Honolulu Japan Kilowatt London Mexico Norway Ontario/Ocean
Pacific Radio Santiago/Spain Tokyo United Victoria
Washington Yokohama Zanzibar

[Also: Amsterdam, Baltimore, Brazil, Chile, Egypt, Finland,
Geneva, Greece, Guatemala, Hawaii, Italy, Kentucky, King,

Luxembourg, Montreal, Nicaragua, Portugal, Romania, Russia,
Sweden, Texas, Uruguay, Venezuela]

The ARRL (American Radio Relay League) alphabet (1948):

Adam Baker Charlie David Edward Frank George Henry Ida John
king Lewis Mary Nancy Otto Peter queen Robert Susan Thomas
union Victor William x-ray young zebra

[Nowadays the ARRL endorses the NATO/ICAO/ITU alphabet]

Pre-1954 U.S. Navy Radio Alphabet:

(Communications Handbook, 1945)

Able Baker Charlie Dog Easy Fox George How Item Jig King
Love Mike Nan Oboe Peter Queen Roger Sugar Tare Uncle Victor
William X-ray Yoke Zebra

"Used by Armed services of USA & GB" (ARRL Handbook, 1945)

Able Baker ... Easy ... Tare ...

Allied Services 1945:

Able Baker ... Edward ... Tape ...

From a book entitled "The Complete Morse Instructor..." (1944):

Able Baker ... Easy ... Tare ...

RAF 1943-56:

Able-Afirm ... Item/Interrogatory ... Jig/Johnny ...
Nab/Negat ... Peter/Prep ...

[In other alphabets of the Able Baker class: affirm, cast,
hypo, inter, negat, option, over, prep]

RAF 1942-43:

Apple Beer Charlie Dog Edward Freddy George Harry In
Jug/Johnny King Love Mother Nuts Orange Peter Queen
Roger/Robert Suga Tommy Uncle Vic William X-ray Yoke/Yorker
Zebra

[cf. aircraft in Dambusters raid: A-Apple B-Baker C-Charlie
E-Easy F-Freddie G-George H-Harry J-Johnny K-King L-Leather
(officially L-London) M-Mother N-Nuts O-Orange P-Popsie
S-Sugar T-Tommy W-Willie Y-York Z-Zebra]

Western Union:

Adams Boston Chicago Denver Easy Frank George Henry Ida John
King Lincoln Mary New_York Ocean Peter Queen Roger Sugar
Thomas Union Victor William X-ray Young Zero

British Army 1927:

Ack Beer Charlie Don Edward Freddy George Harry Ink Johnnie King London Monkey Nuts Orange Pip Queen Robert Sugar Toc Uncle Vic William X-ray Yorker Zebra

RAF 1924-42:

Ac Beer Charlie Don Edward Freddie George Harry Ink Johnnie King London Monkey Nuts Orange Pip Queen Robert Sugar Toc Uncle Vic William X-ray Yorker Zebra

Royal Navy 1917:

Apples Butter Charlie Duff Edward Freddy George Harry Ink Johnnie King London Monkey Nuts Orange Pudding Queenie Robert Sugar Tommy Uncle Vinegar Willie Xerxes Yellow Zebra

U.S. Army 1916:

Able Buy Cast Dock Easy Fox George Have Item Jig King Love Mike Nap Opal Pup Quack Rush Sail Tape Unit Vice Watch X-ray Yoke Zed

***** FRENCH *****

[style: A comme Anatole]

Contributor: Erik Tjong Kim Sang <erikt@let.rug.nl>

anatole bernard c'ecile denise 'emile fran5cois g'erard henri isidore jean kl'eber louis marcel nicole oscar pierre quital robert suzanne th'er`ese ursule victor wagon xavier yvonne zo'e

Contributor: Rudolf Lais <chibm5hp@ibmmail.com>

(Swiss telephone directory)

Anna Berthe Ce'cile Daniel Emile Franc,ois Gustave Henri Ida Jeanne Kilo Louise Marie Nicolas Olga Paul Quittance Robert Suzanne The're`se Ulysse Victor William Xavier Yvonne Zurich

(OUP vocabulary book)

Anatole Berthe Ce'sar De'sire' Euge`ne E'mile Franc,ois Gaston Henri Irma Joseph Kle'ber Louis Marcel Nicolas Oscar Pierre Que'bec Robert Suzanne The're`se Ursule Victor William Xavier Yvonne Zoe'

(Collins vocabulary book)

Anatole Bertha Ce'lestin De'sire' Euge`ne Franc,ois Gaston Henri Irma Joseph Kle'ber Louis Marcel Nicolas Oscar Pierre Quintal Raoul Suzanne The're`se Ursule Victor William Xavier Yvonne Zoe'

Similar alphabets:

business book: Berthe E'mile
Cassel business book: Berthe Zoe"
BBC business book: Berthe Emile (for e-acute) Nicholas
Berlitz phrase book: Berthe
telephone French book: Berthe Rene'
Collins phrase books: Berthe Victor/Viktor

***** GERMAN *****

[style: A wie Anton]
[some alphabets have phonetics for umlauts, ch, sch, ss]

Contributor: mrosa@eso.org (Michael Rosa)

Anton Berta Caesar Dora Emil Friedrich Gustav Heinrich Ida
Julius Karl Ludwig Martha Nordpol Otto Paula Quelle Richard
Siegfried Theodor Ulrich Viktor Wilhelm Xanthippe Ypsilon
Zeppelin

A"rger O"dipus U"bel

More recent replacements: Konrad Zacharias

Contributor: Erik Tjong Kim Sang <erikt@let.rug.nl>

anton bertha c"asar dora emil friederich gustav heinrich ida
julius kaufmann ludwig martha nordpol otto paula quelle
richard samuel theodor ulrich viktor wilhelm xanthippe
ypsilon zacharias

"arger charlotte "okonom schule "ubermut

Contributor: Rudolf Lais <chibm5hp@ibmmail.com>

(Swiss telephone directory)

Anna Bertha Caesar Daniel Emil Friedrich Gustav Heinrich Ida
Jakob Kaiser Leopold Marie Niklaus Otto Peter Quelle Rosa
Sophie Theodor Ulrich Viktor Wilhelm Xaver Yverdon Zuerich

Contributor: Christof A Neumann <neumann@informatik.tu-muenchen.de>

(issued by Deutsche Bundespost)

Anton Bertha Caesar Dora Emil Friedrich Gustav Heinrich Ida
Jakob Konrad Ludwig Martha Nordpol Otto Paula Quelle Richard
Siegfried Theodor Ulrich Viktor Wilhelm Xantippe Ypsilon
Zeppelin

Schule

Contributor: Steve Dunham <dunham@gdl.msu.edu>

Anton Berta Caesar Dora Emil Friedrich Gustav Heinrich Ida
Johann Kaufmann Ludwig Martha Nordpol Otto Paula quer

Richard Siegfried Theodor Ulrich Viktor Wilhelm Xaver
Ypsilon Zeppelin

Eszett

(OUP vocabulary book)

Anton Berta Ca"sar Dora Emil Friedrich Gustav Heinrich Ida
Julius Konrad Ludwig Martin Nordpol Otto Paula Quelle
Richard Siegfried Theodor Ulrich Viktor Wilhelm Xanten
Ypsilon Zeppelin

A"rger O"konom U"bel

(Collins vocabulary book)

Anton Berta Ca"sar Dora Emil Friedrich Gustav Heinrich Ida
Jerusalem Kaufmann Ludwig Martha Nordpol Otto Paula Quelle
Richard Samuel Theodor Ulrich Viktor Wilhelm Xanthippe
Ypsilon Zacharias

(Cassel business book)

Anton Berta Caesar Dora Emil Friedrich Gustav Heinrich Ida
Julius Kaufmann Ludwig Martha Nordpol Otto Paula Quelle
Richard Siegfried Theodor Ulrich Viktor Wilhelm Xanthippe
Ypsilon Zacharias

A"rger O"konom Schule U"bel

(BBC business book) "standard phone alphabet"

Anton Berta Ca"sar Dora Emil Friedrich Gustav Heinrich Ida
Julius Kaufmann Ludwig Martha Nordpol Otto Paula Quelle
Richard Siegfried/Samuel Theodor Ulrich Viktor Wilhelm
Xanthippe Ypsilon Zeppelin/Zacharias

A"rger Charlotte O"konom Schule U"bermut

(BBC business book)

Anton Berta Ca"sar Dora Emil Friedrich Gustav Heinrich Ida
Julius Kaufmann Ludwig Martha Nordpol Otto Paula Quelle
Richard Siegfried Theodor Ulrich Viktor Wilhelm Xanthippe
Ypsilon Zeppelin

A"rger O"konom scharfes_s Schule U"bermut

(Berlitz phrase book)

Anton Berta Caesar Dora Emil Friedrich Gustav Heinrich Ida
Julius Kaufmann Ludwig Martha Nordpol Otto Paula Quelle
Richard Samuel Theodor Ulrich Viktor Wilhelm Xanthippe
Ypsilon Zacharias

A"rger Charlotte O"konom Schule U"bel

(Austrian telephone directory)

Anton Berta Ca"sar Dora Emil Friedrich Gustav Heinrich Ida
Julius Konrad Ludwig Martha Nordpol Otto Paula Quelle
Richard Siegfried Theodor Ulrich Viktor Wilhelm Xaver
Ypsilon Zu"rich

A"rger O"sterreich scharfes_S Schule U"bel

(Collins phrase book)

Anton Berta Caesar Dora Emil Friedrich Gustav Heinrich Ida
Julius Konrad Ludwig Martin Nordpol Otto Paula Quelle
Richard Siegfried Theodor Ulrich Victor Wilhelm Xanten
Zeppelin

Eszett

Contributor: Anno Siegel <anno4000@w172zrz.zrz.TU-Berlin.DE>

Arno Borvaselin Coburg-Gotha Doria Ernst Friedrichsroda
Gomorrha Herrenzimmer Ida Jawohl_Odol Kolberg_Ost Leonidas
Motor Nora Oekonom Per_Motorrad Quohnsdorf_bei_Forst
Revolver Sabine Tod Uniform Verbrennungstod Weltnordpol
Xolabaphon York_Yellowstone Zoroaster

oe Oekonomie
ue Ueberkonto

[This alphabet provides mnemonics for Morse code: a syllable
corresponds to a dash if it contains 'o', a dot otherwise.]

For another alphabet of this nature see
<http://scoutnet.ch/archives/books/morse.html>

***** DUTCH *****

[style: A van Anna]

Contributor: Erik Tjong Kim Sang <erikt@let.rug.nl>

anna bernhard cornelis dirk eduard ferdinand gerard hendrik
izaak jan karel lodewijk marie nico otto pieter quotient
rudolf simon teunis utrecht victor willem xantippe
ij: ijmuiden ypsilon zaandam

[Berlitz phrase book: bernard quadraat]

(Collins phrase book)

Amsterdam Bravo Charlie Dirk Edam Freddie goed help Isaac
Jaap kilo lasso moeder Nico Otto paard Quaker Rudolf suiker
tafel uur vogel wind xylofoon Yankee zout

A Morse code mnemonic alphabet can be found at
<http://scoutwww.strw.leidenuniv.nl/scout/morse-nl.html>

***** FLEMISH *****

Contributor: Erik Tjong Kim Sang <erikt@let.rug.nl>

arthur brussel carolina desire emiel frederik gustaaf
hendrik isidoor jozef kilogram leopold maria napoleon oscar
piano qualite robert sofie telefoon ursula victor waterloo
xavier yvonne zola

***** SPANISH *****

[style: A de Antonio]

(BBC business book, Collins and Berlitz phrase books)

Antonio Barcelona Carmen Chocolate Dolores Enrique Francia
Gerona Historia Ine's Jose' Kilo Lorenzo Llobregat Madrid
Navarra N~on~o Oviedo Pari's Querido Ramo'n Sa'bado
Tarragona Ulises Valencia Washington Xiquena Yegua Zaragoza

Contributor: Paul Driessen <pdr@intis.nl>

(used in ministries in Madrid in the 1960s)

Alicante Bilbao Ca'diz Dinamarca Espan~a Francia Girona
Huelva Italia Jae'n Kilo Lugo LLamar Madrid Navarra Oviedo
Portugal Queso Roma EreDoble Sevilla Toledo U'nico Valencia
UveDoble equis Yugoslavia Zaragoza

(business book) "The telephonist's alphabet"

Antonio Barcelona Carmen Domingo Espan~a/Enrique Francia
Gerona Historia Italia/i_latina Jose'/Jaen Kilo Le'rida
Llave Madrid Navarra N~ando Oviedo Portugal/Pari's Queso
Ramo'n/Roma Sevilla Tarragona/Toledo Ursula/Ubeda Valencia
Washington Xilofo'n Yegua Zaragoza

(Berlitz phrase book) [Latin American]

Amalia Beatriz Carmen Domingo Enrique Federico Guatemala
Honduras Ida Jose' Kilo Lima Llave Me'xico Nicaragua N~on~o
Olimpo Pablo Quito Rafael Santiago Teresa Uruguay Venezuela
Washington Xilo'fono Yucata'n Zorro

***** PORTUGUESE *****

[style: A de/como Aviero]

(Berlitz phrase book)

Aveiro Braga Coimbra Dafundo E'vora Faro Guarda Horta
Ita'lia Jose' Kodak Lisboa Maria Nazare' Ovar Porto Queluz
Rossio Setu'bal Tavira Unidade Vidago Waldemar Xavier York
Zulmira

(Collins phrase books)

Alexandre Banana/Bastos Carlos Daniel Eduardo Franc,a
Gabriel Holanda Ita'lia Jose' Lisboa Maria Nicolau O'scar
Paris Quarto Ricardo Susana Teresa Ulisses Venezuela Xangai
Zebra

***** ITALIAN *****

[style: A come Ancona]

Contributor: ebuie@sed.csc.com (Elizabeth Buie)
ebuie@starlab.csc.com

Ancona, Bologna, Como, Domodossola, Empoli, Firenze, Genova,
Hacca, Imola, Jolly, Kappa, Livorno, Milano, Napoli,
Otranto, Pisa/Palermo, Quartomiglio, Roma, Savona/Siena,
Torino, Udine, Venezia, Wagner, Xilofono, York, Zara

Contributor: Rudolf Lais <chibm5hp@ibmmail.com>

(Swiss telephone directory)

Anna Battista Carol Davide Ernesto Federico Giovanni acca
Isidoro i_lungo cappa Luigi Maria Nicola Olga Pietro
Quintino Rodolfo Susanna Teresa Umberto Vittorio vu_doppia
ics ipsilon Zurigo

(Cassel language book)

Ancona Bologna Cagliari Domodossola Empoli Firenze Genova
Hotel Imola Jolly Kappa Londra Milano Napoli Otranto Palermo
Quarto Roma Sondrio Torino Udine Vicenza Vdoppio X
Yugoslavia Zagabria

(Cassel business book)

Ancona Bologna Como Domodossola Empoli Firenze Genova Hotel
Imola I_lunga Kursaal Livorno Milano Napoli Otranto Padova
Quarto Roma Savona Torino Udine Venezia Washington Ics
York/yacht Zara

(BBC language book)

Ancona Bologna Como Domodossola Empoli Firenze Genova Hotel
Imola Jersey Kilo Livorno Milano Napoli Otranto Palermo
Quaderno Roma Savona Torino Udine Venezia Washington ics
York Zurigo

Contributor: Salvatore Innaimi <MC1612@mclink.it>

Ancona Bari Como Domodossola Empoli Firenze Genova Acca
Imola Jolly Cappa Livorno Milano Napoli Otranto Palermo
Quartomiglio Roma Siena Torino Udine Venezia Walter Ics York
Zurigo

(Berlitz phrase book)

Ancona Bari Catania Domodossola Empoli Firenze Genova Hotel Imperia i_lunga kappa Livorno Milano Napoli Otranto Palermo cu Roma Sassari Torino Udine Venezia v_doppia ix i_greca zeta

(Collins phrase book)

Ancona Bari Catania Domodossola Empoli Firenze Genova Hotel Imperia Livorno Milano Napoli Otranto Palermo quarto Roma Savona Torino Udine Venezia

(Collins phrase book)

Ancona Bari Como Domodossola Empoli Firenze Genova Hotel Imola Livorno Milano Napoli Otranto Palermo Quarto Roma Savona Torino Udine Venezia Zara

***** RUMANTSCH *****

[aka Romansh, Roumansh, Rumansh]

Contributor: Rudolf Lais <chibm5hp@ibmmail.com>

(Swiss telephone directory)

Anna Berta Carla Dora Emil Flurin Guido Hugo Ida Judit Kilo Luisa Maria Nesa Otto Paula Quirin Rita Silvia Toni Ursin Victor Willi Xaver Yvonne Zita

***** DANISH *****

(phrase book)

Anna Bernhard Cecilia David Erik Frederik Georg Hans Ida Johan Karen Ludvig Marie Nikolaj Odin Peter Quintus Rasmus Soeren Theodor Ulla Viggo William Xerxes Yrsa Zacharias ae: Aegir o-slash: Oeresund a-circle: Aase

Contributor: "Per K. Nielsen" <pnielsen@centrum.dk>

The Danish military use the following additions to the NATO alphabet:

Aegir Oedis Aase

***** NORWEGIAN *****

Contributor: seem@oslonett.no (Terje Trane)

(telephone directory)

Anna Bernhard Caesar David Edith Fredrik Gustav Harald Ivar Johan Karin Ludvig Martin Nils Olivia Petter Quintus Rikard Sigrid Teodor Ulrik Enkel-V Dobbelt-V Xerxes Ynling Zakarias ae: Aerleg o-slash: Oern a-circle: Aase

[phrase book: enkelt-V dobbelt-V Yngling Aerlig]
[the forms Ynling and Aerleg are considered incorrect]

***** SWEDISH *****

Contributors: simon@dront.nada.kth.se (Simon Tardell)
Jonas Wallgren <jwc@ida.liu.se>
m8509@sparc2.abc.se (Thomas Green)

[also used officially in Finland]

Adam, Bertil, Cesar, David, Erik, Filip, Gustav, Helge,
Ivar, Johan, Kalle, Ludvig, Martin, Niklas, Olof, Petter,
Quintus, Rudolf, Sigurd, Tore, Urban, Viktor, Wilhelm,
Xerxes, Yngve, Z{ta,]ke, [rlig, \sten

where { is a with dots
] A with ring
[A with dots
\ O with dots

Sometimes used: Fredrik, Olle, Rikard

Stockholm police use Kryss (meaning cross) for X.

***** FINNISH *****

Contributors: Jukka Rahkonen <jrahkone@viikki.helsinki.fi>
Kaita Seikku <spk@proffa.cc.tut.fi>

Aarne Bertta Celsius Daavid Eemeli Faarao Gideon Heikki
Iivari Jussi Kalle Lauri Matti Niilo Otto Paavo Kuu Risto
Sakari Tyyne Urho Vihtori Viski [ks{ Yrj| Tseta]ke [iti
\ljy

Uppercase Lowercase
] } a with circle (Swedish)
[{ a with dots
\ | o with dots

(phrase book)

Anna Bertta Cecilia Daavid Erkki Faarao Gabriel Heikki
Iivari Jaakko Kalle Lauri Mikko Niilo Otto Pekka Quintus
Risto Sakari Tauno Urho Va"ino" kaksin/kertainen_v Xeres
Yrjo" Zeppelin ruotsalainen_o a"iti o"ljy

Morse code:

.-.- a-umlaut
.- -.- a-circle
- - -. o-umlaut

***** CZECH *****

(phrase book)

Adam Boz~ena Cyril David 'Dumbier Emil Frantis~ek Gustav
Helena Ivan Josef Karel Ludvi'k L'ubochn~a Marie Norbert Oto
Petr Quido Rudolf R~ehor~ Svatopluk S~imon Toma's~ T'epla'
Urban Va'clav dvojite'_ve' Xaver ypsilon Zuzana Z~ofie

***** SLOVAK *****

Contributor: Martin Votruba <votruba+@pitt.edu>

(telephone directory)

Adam, Boz~ena, Cyril, C~adca, Da'vid, D~umbier, Emil,
Frantis~ek, Gusta'v, Helena, CHrudim, Ivan, Karol, Ludvi'k,
L~ubochn~a, Ma'ria, Norbert, N~ - Nitra, Oto, Peter, Quido,
Rudolf, Sva"topluk, S~imon, Toma's~, T~ - Tepla', Urban,
Va'clav, W - dvojite' ve', Xaver, Ypsilon, Zuzana, Z~ofia

***** POLISH *****

Contributor: Michal Jankowski <michalj@fuw.edu.pl>

(Warsaw telephone directory)

Adam Barbara Celina Danuta Ewa Franciszek Genowefa Henryk
Irena Jadwiga Karol Leon L/ukasz Maria Natalia Olga Pawel/
Roman Stanisl/aw Tadeusz Urszula Wl/adysl/aw Xantypa Ygrek
Zygmunt

Contributor: Gyo:ngyo:si Jo'zsef <gyongyosi@bpsof.enet.dec.com>

(used by radio hams)

Adam, Bozena, Celina, Dawid, Ewa, Franek, Grazyna, Henryk,
Irena, Janusz, Kilo, Ludwik, Maria, Natalia, Olga, Pawel/,
Quido, Roman, Stefan, Tomasz, Urban, Violeta, Wanda, Xawer,
Y-grek, Zygmunt

(phrase book)

Adam Barbara Celina Dorota Ewa Franciszek Grazyna Henryk
Iwona Jan Karol Leon L/ukasz Maria Natalia Olga Piotr Quiz
Roman Stanisl/aw Tadeusz Urszula Violeta Wacl/aw Xymena
Ypsylon Zenon

***** HUNGARIAN *****

(telephone directory)

Andra's Be'la Cecil Do'ra Eleme'r Ferenc Gizella Hajnalka
Istva'n Ja'nos Katalin Luca Ma'tya's Na'ndor Olga Piroska
Queen Ro'bert Sarolta Ti'mea Ubul Vilmos Walter Xe'nia
Ypsilon Zolta'n

Contributor: Gyo:ngyo:si Jo'zsef <gyongyosi@bpsof.enet.dec.com>

(used by radio hams)

Antal, Be'la, Cecil (Ce'za'r), De'nes, Eleme'r, Ferenc,
Ge'za, Hele'n, Ibolya (Imre), Ja'nos, Ka'roly, La'szlo',
Ma'ria, Nelli, Olga, Pe'ter, Kvelle, Ro'bert, Sa'ndor,
Tama's, Ubul, Viktor (Vilmos), dupla-ve' (dupla-Vilmos,
"viszki"), "x-es", "ipszilon" (jenki), Zolta'n

(phrase book)

Alada'r A'gota Bala'zs Ceci'lia De'nes Erzse'bet E'va Ferenc
Ga'bor Hele'n Ilona Jo'zsef Ka'roly La'szlo' Mo'nika Na'ndor
Olga O:do:n Pe'ter Ku' Ro'bert Sa'ndor Tivadar Ubul U:ro:m
Vilma duplave' iksz ipszilon Zora'n

***** CROATIAN *****

Contributor: Ivan.Drzanic@gbcon.g-box.fido.hr (Ivan Drzanic)

Adria, Biokovo, Cavtat, Dubrovnik, Europa, Frankopan,
Gospic, Hrvatska, Istra, Jadran, Karlovac, Lika, Mostar,
Novska, Osijek, Pula, Q, Rijeka, Split, Trogir, Ucka,
Vukovar, W, X, Y, Zagreb

***** SERBO-CROAT *****

(phrase book)

Avala Beograd Cetinje C~ac~ak C'uprija Dubrovnik Djakovo
Dz~amija Evropa Foc~a Gorica Hercegovina Istra Jadran Kosovo
Lika Ljubljana Mostar Nis~ Njegos~ Osijek Pirot Rijeka
Skopje S~ibenik Titograd Uros~evac Valjevo Zagreb Z~irovnica
Kvadrat Duplo_V Ipsilon Iks

***** ROMANIAN *****

(phrase book)

Ana Barbu Constantin Dumitru Elena Florea Gheorghe
Haralambie Ion Jiu kilogram Laza~r Maria Nicolae Olga Petre
qu Radu Sandoo Tudor T,ara~ Udrea Vasile dublu_V Xenia
I_grec zaha~r

***** TURKISH *****

Contributor: Gorkem Cetin <e077245@narwhal.cc.metu.edu.tr>

ankara bursa ceyhan CankIrI denizli edirne fatsa giresun
hopa Isparta izmir jale kayseri lUleburgaz manisa nazilli
ordu OdemiS pazar rize samsun SarkOy trabzon urfa Unye van
yalova zonguldak

(phrase book)

adana balIkesir ceyhan Corum diyarbakIr edirne fatsa giresun
hatay Irmak istanbul jandarma kastamonu lUleburgaz manisa
nazilli ordu OdemiS pazar quebek rize samsun trabzon urla
Unye van dubel_v xavier yozgat zonguldak

Contributor: Fuat C. Baran <fuat@columbia.edu>

(1982 diary) "standard" for telephone

ankara bursa ceyhan Canakkale denizli edirne fatih giresun
hakkAri Ilgaz izmir japonya kayseri lUleburgaz malatya
nevSehir ordu OdemiS polatlI rize sivas Sile trabzon Unye
uSak van yozgat zonguldak

***** HEBREW *****

(phrase book)
(phonetics for Roman alphabet)

Affula Binyamina Carmel Dalia Eretz France Gedera Haifa
Israel Jaffa Karkur Lod Moledet Naan Ogen Pardes Queen
Rishon Sefer Tveria Urim Vered Wingate Express Yavniel
Zikhron

Contributor: Alon Tal <mtl@netvision.net.il>

Aleph Boaz Gimel David Hagar Vav Ze'ev Hava Tiach Yona
Carmel Lea Moshe Nesher Samekh A'in Pesel Tsipor Korakh Ruth
Shamir Telem

***** RUSSIAN *****

Contributor: tom@systemtechnik.tu-ilmenau.de (Thomas Planke)

Aleksej Boris Vasilij Grigorij Dmitrij Elena Zhenja Zoya
Ivan Ivan_Kratkij Kilowatt Leonid Maria Nikolai Olga Pavel
Roman Sergej Tatjana Uljana Fjodor Hariton Zaplja Chelovek
Shura Schuka Tviordiy_Znak Igrek Miagkiy_Znak Emilija Yuri
Jakow

Contributor: "Oleg.A.Chernozyomov" <victoria@rada1.saratov.su>

(currently used in amateur radio)

Anna Boris Vasiliy Galina Dmitriy Yelena Yozh Zhuk Zinaida
Ivan Ivan_Kratkiy Konstantin Leonid Maria Nikolay Olga Pavel
Roman Sergey Tamara Ul'yana Fyodor Hariton Tsentr Chelovek
Shura Shchyuka Tvyordy_Znak Yery Myagkiy_Znak Ekho Yuliana
Yakov

Variants: Anton Grigoriy Yolka Zhenya Zoya Irina/Igor Yot
Kilowatt Lyubov Mikhail Nadezhda/Nina Oleg Polina Radio
Semyon Tatyana Tsaplya Znak/Iks Igrek Znak/Iks

Used informally: Borya Vasya Grisha Galya Dima Zina Kostya
Kolya Lyonya Lyuba Misha Masha Nadya Pasha Roma Sasha Tanya
Fedya Yulya Yasha

Morse code is as follows:

A B W G D E E V Z I J K L M N O P R S T
U F H C /- - -./- - - -/ Q X Y X /..-../..- -/.-.-

and the same mapping provides a system of phonetics for Roman letters (used in parallel with Alpha Bravo). [The mapping is similar to KOI-7 but not identical]

***** SWAHILI *****

(phrase book)

Aali Bibi Cyprus Daniel Elfu Fiwi Gombe Henry Ida Jinja Kenya Leso Mtu Nairobi Olga Paul Quebec Robert Sana Tanga Unga Victor William Xavier Yatima Zanzibar

***** KWANYAMA *****

[South-western Bantu; northern Namibia]

Contributor: jouni@ling.gu.se (Jouni F Maho)

(school book)

Anna Beata Cesilia David Eva Feni Gerson Hosea Immanuel Johanna Kayosho Lamek Maria Nande Otto Pauli Quini Rauha Simon Tuuli Ulania Vilho Wilkka Xokulu Yoleni Zola

***** NDONGA *****

[South-western Bantu; northern Namibia]

Contributor: jouni@ling.gu.se (Jouni F Maho)

(school book)

Anna Beata Cesilia David Eva Feni Gerson Hosea Immanuel Johanna Kayoso Lamek Maria Nande Otto Pauli Quini Rauha Simon Tuuliki Ulania Vilho Wilika Xerxes Yoleni Zola

***** CHINESE *****

The Chinese armed forces use the following in connection with Romanised Mandarin:

Aiya Boli Ciqi Desheng Egu Fuzhuang Geming Heping I: Yifu J.. Keren Leguan Mofan Nali Ouyang Polang Q.. Riguang Sixiang Tebie U: Weida V: Wudao W: Wuzhuang X.. Yisheng Zidian

***** ESPERANTO *****

Contributor: Edmund.Grimley-Evans@cl.cam.ac.uk

(Yearbook of Universala Esperanto-Asocio 1995)

Asfalto Barbaro Centimetro \^Cefo Doktoro Elemento Fabriko Gumo \^Girafo Hotelo \^Haoso Insekto Jubileo \^Jurnalo Kilogramo Legendo Ma\^sino Naturo Oktobro Papero Rekordo Salato \^Silingo Triumfo Universo Universo-hoko Vulkano Zinko

[An earlier version had Omnibuso instead of Oktobro]

Non-Esperanto letters:

q = kuo
w = \^germana vo
x = ikso
y = ipsilono

***** END *****

Brian Kelk
Cambridge
U.K.
bck1@cl.cam.ac.uk

4383. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct4.152518.3110@ke4zv.atl.ga.us>
Source record: 215535

In article <52pr3s$itl@news.ais.net> carl@ais.net (Carl Stevenson) writes:
>In <1996Sep29.153915.8605@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>>In article <52kh2s$8s6@news.ais.net> carl@ais.net writes:
>>>
>>>Gary ... your point is (as usual) valid ... however, the CW folks
>>>continue to refuse to even consider switching ... in light of yout last
>>>sentence above this speaks volumes :-)
>>
>>You're being overly harsh again.
>
>I disagree ... these folks NEED a wake-up call ...
>
>>Today, there is no *need* to switch. Numbers have not yet climbed to a
>>level where a choice must be made. Current HF enabled licensees have a
>>large sunk investment in Morse wetware conditioning. They are reluctant
>>to discard that while they can still get marginal utility
>>from it.
>>
>
>I understand the latter part, but disagree with the first part ...

Try tuning across HF today. If you can't find room to squeeze in
another QSO, you aren't trying very hard. The bands simply are not
full to capacity. Until they are, people aren't going to be highly
motivated to abandon methods in which they have large sunk costs
in order to adopt more efficient techniques.

"Good enough" is always the direst enemy of "Better". That's a
fact, Jack, and there's no getting around it. If you don't recognize
this fact of life, your campaign for greater efficiency will not be
effective. First "good enough" has be become "not good enough" anymore
before large numbers of people will be motivated to change their
ways.

Computers and networking are examples of how quickly "good enough"
can change to "not good enough". In a free market, I've seen pushing
1200 baud through a telco pair go from "good enough" to laughably
insufficient in a mere decade. Today there are those who are saying
28.8 kb isn't "good enough" any longer because the content of their
communications has become richer.

But in the overly regulated and artificially tariffed insular
world of amateur radio, most amateurs are still stuck at the
1200 baud level today, or the even more laughably pitiful 300
baud, or the even more pathetic WPM of OOK Morse.

There are a number of structural reasons for this sad state of affairs. One reason is that a surprising number of amateurs just don't have much to say to each other. They are caught up in the postal card collecting game and only operate a radio as a way to facilitate that collecting activity. They don't *need* to communicate anything of substance to another person, every exchange is a carbon copy of the last. Thus they don't need a high bits/sec/Hz.

Others who may have something to say find that they still have enough "elbow room" in which to say it without resorting to more advanced techniques. SSB or FM are "good enough" for their purposes. The bands just aren't so full that another QSO can't be squeezed in. And they haven't yet discovered that their content exchanges could be much richer with better techniques.

The few amateurs who do want a highly content rich global environment, and thus need to use efficient information carrying techniques, aren't yet of sufficient number to form a critical mass to drive such a possibility toward becoming the dominant reality. And of relevance here, arbitrarily restrictive regulations and artificial protective tariffs such as the Morse tests keep those numbers from growing significantly towards critical mass.

And perhaps equally significant, wired networks have removed much of the demand for such amateur radio links. Amateur packeteers have given up on a global network and have turned to internet wormholes to interconnect their little patches of activity. Without the ability to use HF effectively to lower the hop count, the latency of solely VHF+ amateur networks makes an effective global amateur radio network an impossibility.

In a way, both you and I are trying to sell freezers to Eskimos. They just don't want or need what we have to offer. We see a thaw coming, and try to make people understand that they will need these techniques, but all they see is last year's accumulation of ice and snow and don't yet feel the heat.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4384. Re: Pre 1970 U.S. Call books

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: bat@gateway.grumman.com
Message-ID: <533evh$13l@gateway.grumman.com>
Source record: 215536

In article <32543631.19A8@fishnet.net>,
Mike Snowden <mikes@fishnet.net> wrote:
>I am trying to trace to orgins of my fathers Call signs. I would like to
>find a mid 1960's to early 1970 U.S. call books in good to fair
>condition. Thanks for the help.
>mikes@fishnet.net

Mike, a lot of us with old callbooks don't like
to give them up for the same reason; we need to look
up old calls frequently. I'd never part with mine.
Please give us your Dad's callsign, and we'll look through
some old books. I have a 57 ,60, 62 book around the shack.
-pat

--
* Pat Masterson B38-01, Northrop Grumman, * Ham:KE2LJ
* Plant 1, South Oyster Bay Rd., * Packet: KE2LJ@KC2FD.NY
* Bethpage, NY 11714 * President Grumman Amateur
* email: bat@grumman.com Fone: 516-346-6316 * Radio Club WA2LQO

4385. Re: Radio Propogation Software Required

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: James Lee Tabor <ku5s@wtrt.net>
Message-ID: <32553FBA.476D@wtrt.net>
Source record: 215537

Larry Gagnon LU/VE6TN wrote:
>
> Does anyone know of a good piece of DOS or Windows Radio Propogation
> Software and if so, where I can FTP it?? Your help is greatly appreciated.

Hi,

See QST Sept,Oct '96 for confirmation:

CAPMan HF Propagation Prediction Software

CAPMan - The recognized leader in HF propagation prediction software
using the proven IONCAP engine. CAPMan is a mature package for amateur
and professional alike featuring advanced
system analysis.

CAPMan now supports contour mapping with the CAPMap option. The MUF and
numerous other skywave parameters can be displayed on user selected
areas and world maps.

Visit our web site for details and sample maps and graphs.

http://ourworld.compuserve.com/homepages/KU5S

Lucas Radio/Kangaroo Tabor Software
Boulder, CO
Phone 303-494-4647, Fax 303-494-0937

--
CAPMan HF Propagation Prediction & System Analysis Software
http://ourworld.compuserve.com/homepages/KU5S

4386. Re: Suffixes to amateur call signs

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: tgold@microvst.demon.co.uk
Message-ID: <844448714snz@microvst.demon.co.uk>
Source record: 215538

In article <5336nf$16k@lehi.kuentos.guam.net>
pacrimgolf@kuentos.guam.net "Jim Kehler" writes:

> For example, if I was operating from California, I could sign KH2D or
> KH2D/W6 which would let people who hear me know where I am without
> asking. At one time, you could tell where someone was by his or her
> callsign, but not any more.

Yup, but the /6 really relates to being away from the location of the address on the Station License rather than being away from the region of call district. For example, if Jim moved to California and changed the address on the Station License (actually now just the mailing address for the single Operator and Station License) then if he was at home he would sign KH2D in California, it would be KH2D/6 when travelling near to his new home and KH2D/2 when visiting his old haunts.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

4387. Re: Suffixes to amateur call signs

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: bdbennet@ix.netcom.com
Message-ID: <533mla$1fc@dfw-ixnews5.ix.netcom.com>
Source record: 215539

In <530ueq$57p@lex.zippo.com> gary@carcs1.wustl.edu writes:
>
>What do the suffixes attached to amateur call signs mean?
>For instance, the "7" in "KA0AAA/7", or the "AE" in "K0BB/AE"?
>
>- Gary KB0QGE

Gary,
The number after the suffix is the call area from which the op is working from since it it different from the call zone of his license. That is, he was issued a "zero" call, but is working from a "7" call zone.

The letters after the suffix are for upgrades. Signing "kt" means temporary tech plus, the license has not be issued to reflect the upgrade. Same with "AG" for general, "AA" for advanced and "AE" for Extra. An op can sign his call with the added letters as soon as he has upgraded with a Certificate of passing those elements. A general that has just upgraded to advanced can get on the HF bands a go to the advanced portion of the band and give his call with "temp AA" and would do so until the new license arrives from the FCC showing the new class, and or call sign.

4388. Novice/Tech-Plus License Classes

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: jimkr2t@water.waterw.com
Message-ID: <jimkr2t.17.002ED7E3@water.waterw.com>
Source record: 215540

The South Jersey Radio Association is planning on conducting a series of classes to prepare students for the Novice and Technician-Plus exams. Classes will begin Tuesday, October 29, 1996, and will run for 15 weeks. Classes will be held at the Voorhees Middle School, Evesham Road and Holly Oak Drive, Voorhees, NJ. The textbook will be the ARRL's "Now You're Talking", and the registration fee of $20 will include a copy of the book for the student.

Anyone with questions or an interest in registering for the class can contact us by E-mail at jimkr2t@waterw.com or sjra@waterw.com.

Thanks and 73, Jim KR2T

4389. Re: 2m Wide Open in Florida

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <533vbi$ghp@jupiter.planet.net>
Source record: 215541

> VUBS79A@prodigy.com (Drew Durigan) writes:
> pacrimgolf@kuentos.guam.net (Jim Kehler) wrote:
> >
> >kc5egg@ix.netcom.com (Gerald Schmitt) wrote:
> >
> >>I am glad that you are so prepared because every time you slander me
> on
> >>the net I am going to complain to your ISP. If you choose to slander
> me
> >>from your place of employment that is your problem. Perhaps we can
> >>learn empirically all about your claimed Carte Blance internet account.
>
> >>You see Chris the only recourse I have is to complain to your ISP and
> >>ask to have the slander stopped.
> >
> >No, the other thing you could do Jerry is grow up. You get on here, beg
> >for people to beat you up, and when they do, you cry about it. Act like
> an> >adult or go back under your rock.
> >
> >73, Jim KH2D
>
>
> Me thinks Jerry has a legitimate gripe here. Our friend Mr. Greenhalgh
> has this nasty habit of slandering certain participants on this newsgroup.
>
>
> Calling somebody a "liar" is not a nice thing to do. From a legal
> standpoint, it's not very smart, either, unless you have the neccessary
> burden of proof to back up your claims.
>
>
> -Drew in Sunny Central Florida-
> KF4DDM

actually there is no legal recourse for calling someone a liar, prrof or not.
If there were, every 7 year kid would be filing suit against his/her older/younger
brother/sister. And for the record....

LIBEL noun anything tending to degrade or asperse character or reputation
As it pertains to law.. slander written and published, the act or crime of publishing it

SLANDER noun a false tale or report, or such tales or reports colllectively, uttered
with malice and designed or tending to injure the reputation of another

In otherwords , children here on the newgroup(s) it would be considered libel and not slander. However, the courts have ruled already that actions and deeds on the various newsgroups can not be construed as libel (as of this time)

maybe when pigs fly morse requirements are eliminated that too will change, but for now, don't hold your breath

SO CUT IT OUT!!!

thought you'd like to know the legal perspective of it all

steve

No code or Know Kode it's all the same to me
5 wpm is no code

4390. When are Vanity callsigns open to General

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: David Barnes <david_barnes@hp.com>
Message-ID: <325580C9.1E51@hp.com>
Source record: 215542

I'm a general class with no relatives or other reason to lay claim to a previous callsign.

When will I be able to apply for a vanity callsign?

David Barnes

4391. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: cphillips@pobox.com
Message-ID: <53408v$38v@redstone.interpath.net>
Source record: 215543

Gareth Crispell <gareth@capecod.net> wrote:
>> This program of rented calls is a can of worms.
[snip]
>It is certainly going to wreck havoc with a lot of log programs.

No more so than a system where people [can] change calls everytime they upgrade their license. We've had to live with a system of changing callsigns for a long time now.

========= Opinions expressed are solely those of the author ==========
Curt Phillips, CEM KD4YU ex-WB4LHI) | "Computer users will need a
Engineer/Writer/Nerd Extraordinaire | mouse when they grow a
Chairman, Tar Heel Scanner/SWL Group| third arm." -Pres of WordStar
ARRL Life; QCWA;Raleigh ARS;NRA; AEE| circa 1983
==== cphillips@pobox.com ==== [Copyright 1996 All rights reserved]====

4392. SB200 Information Needed

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: John Siegel <JohnASiegel@worldnet.att.net>
Message-ID: <32559CA4.78EA@worldnet.att.net>
Source record: 215544

Can someone tell me the values of the resistors in the high voltage metering circuit of the SB200. I need to repair my Dad's amp and I would like to have the right components on hand. The schematic lettering is getting a bit small for him but is 3 4.7M resistors right?
Thanks es 73
John K4BNC

4393. Alabama License Classes

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: Bill Levey <bro@bro.net>
Message-ID: <3255A080.134A@bro.net>
Source record: 215545

The Birmingham Amateur Radio Club (Alabama) is sponsoring Amateur Radio License Classes beginning October 15th.

Interested parties are invited to visit the BARC home page for complete details: http://bro.net/barc/classes.html

or by email to: radioclasses@bro.net

BARC is also sponsoring free web classified advertising for all Amateurs at: http://bro.net/barc/forsale.html

73/DX!

4394. easy gentlemen...2m dx

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: mckinne <mmckinne@fontbonne.edu>
Message-ID: <325567A5.152@fontbonne.edu>
Source record: 215546

you would think old jim did something wrong by commenting on dx 2m...cant we just relax and not chew each other for a second or two....i believe the term is rag chewing,not people chewing isnt it?mmckinne@fontbonne.edu

4395. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <5343bd$t0@anomaly.ideamation.com>
Source record: 215547

In article <1996Oct4.152518.3110@ke4zv.atl.ga.us>,
Gary Coffman <gary@ke4zv.atl.ga.us> wrote:

>Try tuning across HF today. If you can't find room to squeeze in
>another QSO, you aren't trying very hard. The bands simply are not
>full to capacity. Until they are, people aren't going to be highly
>motivated to abandon methods in which they have large sunk costs
>in order to adopt more efficient techniques.

I suspect that in a few more years, given no increase in the number of amateurs on HF, that "free" frequencies will be harder and harder to find, simply due to changing propagation characteristics. Its easy to have 100,000 people share limited space when two people a couple hundred miles away from each other can't hear one another. Its another thing entirely when you can work Australia on a pen-knife.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

4396. IPS Daily Report - 04 October 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <5345sf$c0f@flare.syd.ips.oz.au>
Source record: 215548
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 04/2330Z OCTOBER 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE AUSTRALIAN SPACE FORECAST CENTRE
SUMMARY FOR 04 OCTOBER AND FORECAST FOR 05 OCTOBER - 07 OCTOBER

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 69/3

GOES satellite data for 03 Oct
Daily Proton Fluence >1 MeV: 1.8E+06
Daily Proton Fluence >10 MeV: 1.7E+04
Daily Electron Fluence >2 MeV: 2.1E+07 (normal)
X-ray background: A1.0
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
05 Oct 06 Oct 07 Oct
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 05 Oct: 70/5

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Quiet

Estimated Indices : A K Observed A Index 03 Oct
Learmonth 8 2221 3312
Fredericksburg 5 12
Planetary 8 13

Observed Kp for 03 Oct: 2342 2333

2B. MAGNETIC FORECAST
Date Ap Conditions
05 Oct 7 Quiet to unsettled
06 Oct 7 Quiet to unsettled
07 Oct 7 Quiet to unsettled

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band

Date Low Middle High
04 Oct Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
05 Oct Normal Normal-fair Fair
06 Oct Normal Normal Fair
07 Oct Normal Normal Fair
COMMENT: High latitude HF communication may be degraded during
local day.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
04 Oct -4

Observed Australian Regional MUFs:
Darwin: No data.
Townsville: 15% depressed until 7UT then near predicted monthly values.
Sydney: 15% depressed until 7UT then near predicted monthly values
with spread F.
Hobart: 20% depressed until 11UT then near predicted monthly values
with spread F.

Predicted Monthly T index for October: 10

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
05 Oct 0 about 10% below predicted monthly values
06 Oct 5 near predicted monthly values
07 Oct 5 near predicted monthly values

--
IPS Radio and Space Services | email: asfc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/asfc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
tel: +61 2 94148300 | fax: +61 2 94148331

4397. Mic Wire Diag FT-301

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: "Donald W. Rankins" <bimlic@borg.com>
Message-ID: <3255F029.72FB@borg.com>
Source record: 215549

Thnx--I need wiring diagram for mic for Yaesu FT-301.
Thanks for your time and help. N2ZWO <don>

4398. Amateur Radio Newsline #999 04 Oct 1996

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: bigsteve@dorsai.org
Message-ID: <LxcVyQQI81MX092yn@dorsai.org>
Source record: 215550
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB NEWSLIN @ ALLBBS $NLIN.999
Amateur Radio Newsline #999 04 OCT 1996

The Newsline Information and Copyright Notice is now published seperately every month. Please read this notice before using any part of Newsline in any manner. For a copy of the notice e-mail bigsteve@dorsai.org or netmail Steve Coletti @ 1:278/230 on Fidonet.

NEWSLINE RADIO - CBBS EDITION #999 - 10/04/96

(**)
(* *)
(* A M A T E U R *)
(* *)
(* R A D I O *)
(* *)
(* N E W S L I N E *)
(* *)
(**)

The following is late news about Amateur Radio for Radio Amateurs as prepared from NEWSLINE RADIO scripts by the staff of the AMATEUR RADIO NEWSLINE, INC., formerly the WESTLINK RADIO NETWORK. Amateur Radio Newsline is a audio news service distributed via telephone.

This hardcopy version is produced by Dale Cary - WD0AKO from scripts provided to him weekly by Newsline. It is then distributed to on-line services, bbs networks and internet user jointly by Dale Cary and Steve Coletti.

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For further information about the AMATEUR RADIO NEWSLINE, please write to us with an S.A.S.E. at:

NEWSLINE
c/o Andy Jarema-N6TCQ
P.O.Box 660937
Arcadia, CA
91066

Thank You,
NEWSLINE

(**********
Some of the hams of AMATEUR RADIO NEWSLINE: WA6ITF WB6MQV WB6FDF K6DUE W6RCL N6AHU N6AWE N6TCQ K6PGX N6PNY KU8R N8DTN W9JUV KC9RP K9XI KB4KCH KC5UD KC0HF G8AUU WD0AKO DJ0QN and many others in the United States and around the globe!!!
(**********
[999]

C L O S E D C I R C U I T A D V I S O R Y

Newsline report number 999 for release on Friday, October 4, 1996 to follow.

(*****
The following is a QST

The Department of Defense ends the use of Morse code in the Military Affiliate Radio System. Also, will your new vanity call be issued by lottery? Find out on Newsline report number 999 coming your way right now!

(*****
MARS BANS CW

The Department of Defense has unilaterally banned the use of Morse code on all Military Affiliate Radio System circuits. CW nets and other Morse activity in the Military Affiliate Radio System were ordered to cease operation effective October 1st.
A final CW message was transmitted simultaneously on Army, Navy and Air Force MARS frequencies at 13:00, 15:30 and 17:00 UTC on September 30th. A special certificate commemorating the demise of CW in the Military Affiliate Radio Service is available to any MARS member that correctly copied that final message.
No detailed explanation was given for by the Department of Defense for dropping the use of CW in MARS communications. Observers say that this could be the final impetus needed to get the code dropped as a mandatory testing requirement at upcoming World Radio Communications Conferences before the end of the decade.

(*****
N6NHG INDICTED

Kevin David Mitnick, N6NHG, has been indicted on new charges of carrying out a thirty month reign of software thefts that cost the nations corporations millions of dollars. The thirty three year old convicted computer hacker was charged on Thursday, September 26th with a new twenty five count indictment. An indictment that accuses him of breaking into the systems of software companies and attacking computers of Internet service providers.
News reports say that Mitnick and a co-defendant were indicted on charges that include wire fraud, impersonating company employees to gain access to computers and using cloned cellular phones and damaging computers at the University of Southern California.
Mitnick is considered one of the worlds leading experts at writing computer security breaching programs. Authorities say that this allowed him to gain access to even the most heavily guarded computer systems.
Using the internet pseudonym of Condor, N6NHG eluded investigators for two and a half years. He was eventually caught in February in Raleigh, North Carolina. This, after authorities enlisted the help of a computer security expert. In addition to this hacker tracker, the nationwide investigation involved a multi agency task force that included the Federal Bureau of Investigation, the Internal Revenue Service and the Department of Justice and NASA.
Mitnick has previously pleaded guilty in April to one federal count of cellular phone fraud and violating his parole from an earlier computer fraud conviction. That case concerned his activities between January and February of 1995 in North Carolina. This latest set of indictments alleges a set of crimes committed between June 1992 and February 1995. If convicted on all counts, Kevin David Mitnick, N6NHG could face up to 200 years in federal prison.

(*****
HAMS CHARGED IN PHONY POLICE CALLS

Three ham radio operators from Mesa, Arizona, have now been officially charged in the wake of a year long spree of false distress calls and profane broadcasts on police, fire and ham radio frequencies. The trio, reportedly led by a 16 year old Mesa Police Explorer Scout, are alleged to have faked reports of bomb scares, carjackings and robberies, and officers in distress. Investigators claim that the three also played music on emergency channels and harassed police dispatchers.
Charged in the case are 20 year old Christopher R. Johnson, KC7QPJ. And in an unusual move, police also released the identity the two 16 year old minors. They are identified as Brad E. Shelley, KC7JQY, and Joshua D. Cavender, KC7JGH. Johnson and the teenagers are accused of interfering with public safety frequencies, impersonating a police officer and false reporting.
As first reported on Newsline a month ago, it was members of the Arizona Repeater Association's Local Interference Committee located the alleged offenders. The ham radio operators also aided police and FCC inspectors in gathering enough evidence to make the arrests.

(*****
FCC FINE AGAINST COFFIELD REAFFIRMED

The FCC is holding then line on a fine that it issued against a Californian for operating without a license. The FCC has denied an application for review of a $2,000 fine against Danny Lee Coffield of Lakewood, California. This, for unlicenced operation in spectrum adjacent to the 11 meter Class D Citizens Band.
The FCC Compliance and Information Bureau had leveled the fine last year and affirmed it earlier this year. Coffield was cited for operating an unlicensed transmitter on 27.7744 MHZ back in 1993. Since that time, he obtained an Amateur Radio license.
The FCC says that it had warned Coffield of the potential penalties for unlicenced operation prior to citing him on September 29, 1993. The FCC has not indicated whether Coffield's ham license, issued in 1995, would be in jeopardy.
The Commission acted on the review application on September 19th.

(*****
NEWSLINE PAST 1000

Some good news and some bad news about our finances here at Newsline. According to our support fund administrator Andy Jarema, N6TCQ, there is enough in the way of funds now on hand to keep us in operation through early December. Unfortunately, there is not enough to take us to into 1997.
Newsline will not disappear after newscast number 1000. On the other hand we honestly cannot tell you how long we will be able to maintain service. Obviously your continued support is needed right now to keep Newsline serving you into 1997 and beyond. Our address is the:

Newsline Support Fund
P.O.Box 660937
Arcadia, California
91066

We thank you for any help you can provide.

(*****
LIKE A LOTTERY

The FCC is handling Gate 2 of the vanity call sign program almost as if it was a lottery. Gate 2 opened on September 23rd and within days the agency was deluged with requests for new calls. As of August 26th, the FCC had received 339 applications filed electronically and 4148 Paper.
The FCC says it won't start to grant new call signs until all applications for a given day are entered, whether they were filed on paper or electronically. When the agency finally starts granting new call sign requests, they will be done in random order. A lottery of sorts.
The agency also says to be patient. It could be a few weeks before your application is granted.

(*****
K1AR LEAVES CQ MAGAZINE

Some names in the news. First is John Dorr, K1AR. John has left CQ Communications to accept a new position in product marketing for Cerulean

Technologies, Inc., of Marlborough, Massachusetts. Cerulean is the result of the commercial application of DX Packet Cluster software and technology. The company recently entered into partnerships with two of the largest mobile data carriers, Bell Atlantic NYNEX Mobile and GTE Mobilnet, to give police officers on the street wider latitude in tracking down stolen vehicles and cuffing drivers with criminal warrants. Dorr says that he left CQ only because of the opportunity this represents and because of his desire to return to the Massachusetts area. He will continue to edit the magazine's Contest Calendar.

(*****
HUDSON DIVISION DIRECTOR RETIRES

And the Leagues' Hudson Division Director Paul Vydarney, WB2VUK, resigned his seat on the ARRL Board, effective September 5th. WB2VUK cited job and church obligations as preventing him from doing what he considers a proper job of fulfilling his duties as director.
Vice Director Richard Sandell, WK6R, of Scarsdale, New York, becomes director for the remainder of Vydarney's term, which expires January 1, 1997.

(*****
RCA HONORS HAMS

The Radio Club of America has announced that Carole Perry, WB2MGP, will be the recipient of its 1996 Barry Goldwater Amateur Radio Award. Perry is a secondary school teacher from Staten Island New York. She was selected based on her dedication in introducing New York City school children to the thrilling world of ham radio.
Also receiving honors from the Radio Club of America are Frank A. Gunther, W2ALS, will get a commendation named in his honor and Fred. M. Link, W2ALU, will receive the President's Award. All three will be recognized at the Radio Club of America annual banquet on Friday, November 22nd in New York City.

(*****
HAM TEACHER FEATURED IN MAGAZINE

And past ARRL Professional Teacher of the Year Sheila Perry, N0UOP, of Bloomfield, Missouri, was featured in the August edition of Learning magazine. The article highlighted her SAREX work and cited ARRL's Educational Activities Department as the place to get more information. By the way, as far as we know Carole Perry and Sheila Perry are not related to each other.

(*****
BITBUCKET

BitBucket is a newly created mailing list reflector devoted to specialized amateur radio communication techniques. This includes SSTV, ATV, FAX, Packet, Pactor, G-TOR, Clover and much more. To subscribe, send e-mail with body of message "subscribe bitbucket" to

majordomo@primenet.com

(*****
THRUWAY HAM ACKNOWLEDGMENT

The New York State Thruway Authority will help to promote ham radio. The agency has announced plans to place ARRL Amateur Radio recruitment brochures at rest stops along the toll highway.

(*****
WRC MEETING

A meeting of the worlds telecommunications leaders is taking place in Tel Aviv, Israel as we go to air. This is the 1997 World Radiocommunication Conference and several items of interest to Amateur Radio are being discussed.
Not being talked about this time is the abolition of the Morse Code a testing requirement for getting a ham ticket. That matter comes to the table in 1999. More on this WRC next week.

(*****
UK CW TEST FEE

From England, news that its going to cost more to pass a Morse Code ham radio test in the United Kingdom. The Radio-communications Agency has agreed to a rise in the fees for Morse code tests. From the 1st of September the new rates are 20 pounds Stirling for the 12 words per minute test and 15 pounds Stirling for the 5 words per minute Morse code test, in British currency.

(*****
NEW UK BEACON

A new 50 MHZ propagation beacon is now operational. As part of an experiment by the RSGB Propagation Studies Committee, Chris Deacon, G4IFX, of Darlington in County Durham, has been granted permission to use the callsign GB3IFX for his 50 MHZ tropospheric tests. The beacon transmits on 50.275MHz, on the hour, every hour, in 30 second bursts during which the callsign and time are sent twice.

(*****
NOEL EATON. VE3CJ, SK

Noel Eaton, VE3CJ the former ARRL Canadian Division Director and President Emeritus of the International Amateur Radio Union has died. According to IARU Region 2 President Tom Atkins, VE3CDM, Eaton passed away in the early hours of Saturday, September 28th. A memorial service is planned for Toronto on October 11th.

(*****
DX

Brett Graham, VR96BG, reports that hams in Hong Kong will be allowed to use several prefixes to commemorate the transfer of sovereignty over the territory from the United Kingdom to the People's Republic of China on July

1, 1997. At the request of the Hong Kong Amateur Radio Transmitting Society, Hong Kong amateurs will be allowed to change the numeral in their call sign to 96 during 1996, to 97 during 1997, and to 98 during 1998. Graham says that Hong King Amateurs began to use these new prefixes on September 10th with a contact between VS96BG and VR96GO. The Hong Kong club says it will announce later the details of a new award to be offered to amateurs for contacting stations using these special prefixes.
All Hong Kong amateurs have held licenses with call signs using the prefix VR2 for several years. Those previously holding VS6 calls are allowed to continue to use the VS prefix through July 1st of 1997. The VRA to VRZ block allocated by the ITU to the United Kingdom will be transferred to the Peoples Republic of China at that time. The only other use of that block at present by amateurs is on Pitcairn Island, where VR6 calls are still in use.

(*****
NEWSLINE CELEBRATES 1000 ON HRM

Finally, part of Newslines worldwide celebration of its 1000th newscast will take place on shortwave radio. This thanks to Len Winkler, KB7LPW of Phoenix, Arizona. Winkler has invited Newsline to be on his October 13th edition of Ham Radio and More that airs on broadcast station nationwide and on shortwave worldwide.
Joining Len will be Newsline Producer Bill Pasternak, WA6ITF and several other Newsline regulars. Bill will also have some vintage audio clips from the early days of Newsline when it was still known as the Westlink Radio Network.
Ham Radio and More airs tape delayed on radio station WWCR every Sunday at 22:00 UTC on 7.435 MHZ. WCCR is located in Nashville, Tennessee and has an effective radiated power of 100,000 watts. The show is also simulcast in Real Audio format on the World Wide Web.

(*****
And for this week, that's all from the Amateur Radio Newsline. You can write to us at:

NEWSLINE
P.O.Box 660937
Arcadia, California
91066

For now, with Bill Pasternak, WA6ITF at our editors desk, we at Newsline say one week and counting, 73 and we thank you for listening.

(* * * Newsline is copyright 1996 & all rights are reserved. * * *

--
< ^^>
< "Big Steve" Coletti >
< Computer and Network Installation, Upgrades and Repair. >
< Internet: bigsteve@dorsai.org >
< I was balding, then I installed Windows 95 and pulled the rest out. >

< US Mail: P.O. Box 396, New York, NY 10002 >
< Fax Weekdays/Voice Weekends: +1 212 995-2637 >
~~~~~~
~~~~~~

4399. BASIC PROG (ELECTRICITY)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: altavoz <altavoz@worldnet.att.net>
Message-ID: <3255F794.559D@worldnet.att.net>
Source record: 215551

```
Basic program to calculate: ohm ( DC or RF ) , watts
amps , volt drop ( i use CASIO FX850 pocket calculator )
You can input all wire gages including 0 00 000 0000
once entered , values need not be entered again unless you want
change them ( hitting cr many times will recalc all )
Someday i will debug and add the other parts ( coax,DBM etc)
700 cm/amp is max recommended (cm=circular mills . )
Wire is spec'd in diameter or gage or... , so convert square mils
to cir mils by mult by pi then divide by 4.
typical inputs :
W cr : "wire"
12 cr : 12 gage, it now displays gage, dia, cir mils
cr : it now prompts for "inches"
120 cr : " " " " " "amps"
2 cr : displays rho for your selction . A "cr" will default to
copper.
7E6 cr : displays 330.3 milohms .66 volts 1.32 watts 313
cir-mils
```

```
-.1 :displays gage, dia , cir mils
cr :displays "inches"
12 * 10 cr : input 120 inches , then displays amps
100 : displays 10.37 for copper . A cr defaults to 10.37
cr : cr defaults to 0.0 htz
displays 266 milohms ...ooooppppps we didnt
change the 7 mhz back to zero . s/b 10.37 milohms
1.037 volts at DC. Remember if you dont change a variable , it
stays the same and is used in the result.
```

```
zero ( 0 ) and letter O
: separates multiple statements per line
//// is comments
C*2 is "C" mult by 2
C^2 is "C" squared
sqr is square root
N is used twice ( above line 467 its the "VAL" of input string)
M$ is input
N$ is privious input
A=amps
C=circular mils( some may not be carrying amps)
D=diameter
F=frequency
I=inches
N is scratch variable
```

```
O=ohms
R=RHO
W=watts

3 F=.001
4 N=0
5 set e5
6 r4=1e99
7 print"everything is in series,uf,uh
8 R=10.37
10 input "enter(serial) Blkbox To-para-From Ser+ Par+ Math Coax
Dbm Wire";A$
25 if asc(A$)=13 goto 44
30 U=asc(A$) -64 : if U >32 then U=U-32
44 cls
rem 45 on U gosub,300,400,500,80,600,,,,,,,650,,,200,,,250,160,,,450
50 if A$ <> " " goto 25 //// no space between " "
450 set f5 : K=.7929815
451 input "Gage# or dia(inches) as -.3 ",M$ //// input gages as
positive #
and diameters as neg numbers.
452 ifM$ <> " " then N$=M$ //// no space between " "
453 N=val(N$) //// string to number
455 if N > 0 goto 468 //// goto 468 if gage
460 if N = 0 goto 467 ////
461 D= -N : C=(PI/4)*(D*1E3)^2 //// you are here cause
its diameter
465 N$=left$(str$((log( C*3.745223E-6)/(log(k))-4),7) : goto 473 ////
calcs gage from dia

467 N=1-len(N$) //// here cause "0-0000"
468 C=267006.8*k^(N+4) : D=1E-3 * sqr (C*4/pi) //// cir mils ,N=-1 if
"00"..N=0 for gage "1"

473 Print "Gage= " ; N$ ; " dia=" ; D ;
475 Print tab(0) ; cir-mil = " ; C
477 Input "inches " , I
478 Input "Amps" , A
482 Print "Gld=14.7 Ncrm=600 Tng=33" tab(0) ; " ncl=47 constn=295" ;
tab(0) ; "cpr=10.37 slvr=9.9 brss=39 " ; tab(0)
483 Print "fe =71 al=17 rho=" ; R ; : Input R
484 if R <> 10.37 goto 493

486 Input "Freq " , F : If F=0 goto 493
487 O=I*SQR F / ( 12000*D) : goto 494
493 O = (I/12)*R/C
494 V=A*O : W=V*A //// O,V are milliohm and millivolt
495 if V > 1 then goto 498
496 Print O; "m" ; chr$(133) ; " " ; V ; "mV" ; tab(0); ////
UC O
497 Print W ; "mw" ; " Cir-mil " ; C : return
```

```
498 Print O*.001; chr$(133) ; " " ; V*.001 ; "V" ; tab(0);
//// UC O
499 Print W*.001 ; "W" ; " Cir-mil " ; C : return

Gage=left$(str$((log( C*3.745223E-6)/(log(k))-4),7) calcs gage from Cir
Mils

Cir Mils=267006.8*k^(N+4) .... N=-1 if "00"..N=0 for gage "1" ..N=1 for
gage "2"
Cir Mils= 4/pi * sqr mills
Skin Depth =(sqr ( 1.724E3 / F ) / ( 5.08* PI )) F in hertz , depth in
inches

_________________altavoz@worldnet.att.net_____________________

______End of text from altavoz___________
```

4400. Re: Info-Hams Digest V96 #1149

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-04 00:00:00 UTC
From: bartsch@omnifest.uwm.EDU
Message-ID: <9610041551.AA10079@omnifest.uwm.edu>
Source record: 215552

I'm getting sick and tired of seeing people post messages on turning 5 bucks into thousands. Why is this allowed? How does this pertain to amatuer radio. I would like other peoples thoughts on this.
Thanks

4401. Re: E-MAIL! was: Cheapest ...QSL cards?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: gbaron@deskmedia.com
Message-ID: <325a88cc.3321049@news.deskmedia.com>
Source record: 215356

jbmitch@vt.edu (John Mitchell) wrote:

>In article <charles1DyB6M9.IG3@netcom.com>, charles1@netcom.com says...
>>
>>After talking to Kinko's, I'm quit shocked what they want to make 3X5
>>QSL cards. A mininum of 100 at 41 cents EACH! Price drops to 18 cents
>>each for 1000 ... thats $181!
>>
>>I bought some heavy duty paper, but dread cutting out these things.
>>
>>Any Ideas?
>
>OK sports fans. This is not a new idea. But why doesn't somebody
>perfect a system to send electronic QSLs?????
>
>I hate QSL cards. I just printed up 500, which cost me about 60 bucks,
>and now I have to go the expense to snail mail the things all over the
>planet. It doesn't make sense. The allure of the paper card wore off
>for me when I was a kid, collecting international SWL cards. Everytime I
>send SASE's to the buro, I get back at least half EU SWL cards, which I
>pay first class postage to have forwarded to me! I'm not a SW
>broadcaster! I don't want to pay expensive snail mail fees to know some
>guy in Poland can hear my signal. I know that already, I just worked the
>ham next door to him. Get my drift, here?.
>
>Let's get a bunch of whiz kid computer folks together and develop a
>system to send and validate qso exchange by internet. Those without
>internet access (whose number should be diminishing drastically in the
>next few years) will simply access a local "node", maintained by local
>club, whatever, even Kinko's can get you on internet. This can't be too
>hard. Why don't we do it???
>
>73,
>John
>
>

I have to agree, this should be available. Of course the idiotic ARRL
has opposed it saying it could be too easily faked. NO IT CAN'T NOT if
you use digital signatures. Let's do it NOW. It is idiotic to pay 50
cents to a buck or more per qsl Pretty soon some have more in qsl
expense that they do in radios. IT IS TIME to get email qsls working
AND ACCEPTED by the league.

--
Gil Baron W0MN gbaron@deskmedia.com Web http://www.deskmedia.com/~gbaron
"Bailar es vivir" pgp2.6 key http://www-swiss.ai.mit.edu/~bal/pks-toplev.html
"Cuatro caminos hay en mi vida. Cual de los cuatro sera el mejor"
[Posted with Agent .99f. For info, email agent-info@forteinc.com.]

4402. Vanity Call Delay.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: "T.J. Alessi" <Tom@Alessi.Com>
Message-ID: <32572C63.5FD4@Alessi.Com>
Source record: 215357

I just read the ARRL Bulletin regarding a possible 4 to 5 week
delay in processing Day-1 applications due to lack of personnel
to do data entry... Hmmmmm? I bet I can find, oh say, 4500 people
who would enter at least one each for free! =)

I'll drive.

Tom - WB1L
--

T.J. Alessi, WB1L E-Mail: Tom@Alessi.Com
147 Joffre Avenue www.discovernet.net/usr/alessi
Stamford, Connecticut 06905 Voice: 203.977.5200

4403. Re: New copy of license

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: kd1nr@anomaly.ideamation.com
Message-ID: <5374gg$1mk@anomaly.ideamation.com>
Source record: 215358

In article <01bbb306$57490700$31111dcc@davis-p166>,
Davis Straub <davis@halcyon.com> wrote:

>If you have lost your license, you can obtain a duplicate by
>writing to: FCC, 1270 Fairfield Rd, Gettysburg PA
>17325-7245; indicating that you lost your license and that
>you are requesting that a replacement license be issued to
>you. You may fax your request to FCC at 717-337-1541.

I carry a photocopy of my license in my wallet. The original is
laminated and stays at home 99.9% of the time along with my station
license (The 5x7), GROL, etc...

So spend the ten cents and get those copies.

Tony

4404. Yaesu FT-1000D For Sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: wa7lnw@earthlink.net
Message-ID: <wa7lnw-0510962316090001@cust43.max1.phoenix.az.ms.uu.net>
Source record: 215359

YAESU FT-1000D FOR SALE

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-200 WATTS OUTPUT, (100 WATTS RTTY 100% DUTY CYCLE)

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COMPLETE SET OF OPTIONAL FILTERS
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A DXER&#65533;S DREAM RADIO, FULLY LOADED, MINT CONDITION, $ 3,300

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E-MAIL ADDRESS: wa7lnw@earthlink.net

JACK REED, WA7LNW
U.S.A.

4405. ARRL Elections a Sham, AGAIN!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: "William C. (Bill) Wells" <WA8HSU@netusa1.net>
Message-ID: <32566551.7382@netusa1.net>
Source record: 215360

Gentlemen:

I just received my ballot in the biannual exercise in futility known as the ARRL elections.

Here in the Central Division we were again offered no alternative in the "race" for Division Director. The only name on the ballot was that of the incumbent. This is not because other candidates did not present themselves, though!

There was at least one other candidate that I know of who had the required number of signatures on a petition who outwardly, at least, fulfilled all the requirements to run in the election. But, since his politics did not pass muster, the headquarters staff found some arcane rule which barred his running in the election.

Because of this, for Central Division Director I voted "NO" and would urge everybody else out there to do likewise.

At least for Central Division Vice-director there was a choice presented. I voted for the challenger, not because I know him to be a great guy or well qualified but because he is the challenger.

We NEED to vote out ALL incumbents and continue to do so in EVERY election until these guys all know that they serve us and not the other way around and that politics as usual is no longer acceptable.

73, Bill Wells - WA8HSU - ARRL Member # 1233411
wa8hsu@netusa1.net

4406. Re: Digital VS. CW Testing

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: Ramon Gandia <rfg.at.nome.dot.net@to.keep.spam.out>
Message-ID: <325742C1.531D@to.keep.spam.out>
Source record: 215361

Jim Kehler wrote:
>
> carl@ais.net (Carl Stevenson) wrote:
>
> >Right ... by your own admission, later in your post (quoted below)
> >*your* test was rigged so that you "could easily win" ...
>
> Out of context, out of mind ? Don't forget I also said Gary 'could win
> easily' as his test was also 'rigged'.
>
> >>You obviously agree that I can make 500 contacts on CW much faster than
> >>you can make 500 contacts on Pactor or Clover.
>
> >I'm not sure you'd win this one in a monitored, judged environment Jim.
>
> I'm not sure you've ever been on HF when you make statements like that.
> But anyway, Gary and I are having a nice discussion, so let's not turn it
> into an argument.

Fellows, I think both modes have their strengths and weaknesses.
Under very difficult conditions, noise, QRM, etc it is likely that
CW will get thru better than digital modes. In normal conditions,
the digital will outstrip the CW for speed.

As for tuning, and getting set up, if you can hear the CW, you can
copy it. Tuning the signal in is much more critical on digital
modes.

And for digital modes you need a lot more equipment than just the
radio. Computer, keyboard, monitor, etc. And computers do radiate
a bunch of hash and noise.

Each mode has its time and place. And for Amateur radio purposes,
what counts is not throughput, but what the particular ham enjoys.

In favor of digital I will say that the time has finally arrived that
it is reliable enough, etc., that commercial services have adopted
it in lieu of CW. But they are channelized services, with 10 hZ
tolerance, and that is definetely not amateur radio.

Ramon AL7X

4407. Re: Mast for vertical Yagi

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: Ramon Gandia <rfg.at.nome.dot.net@no.spam.please>
Message-ID: <325745A6.C8B@no.spam.please>
Source record: 215362

gary@carcs1.wustl.edu wrote:
>
> I'd like to put a 2-meter Yagi antenna on the roof of my house. I need
> to polarize it vertically. If I do that, I don't think I can use steel
> or aluminum masts, because they'll interfere with the operation of the Yagi.
> Am I correct? If I am, does anyone have any suggestions?

Gary, the mast will probably not affect it terribly, but it will do
some "damage" to the pattern.

Some people use a wood or fiberglass mast, and then run the coax
down this mast. The coax shield being a ground, I do not think
they gain one iota.

If you stack two vertical beams side by side, you can connect
them with a metal mast in between them, which in turn mounts near
the center to your tower or rotor mast. The coax follows the
masting and supports.

Many vertically polarized beams mount the beam entirely ahead of
the mast in order to avoid interaction; the idea being that since
the beam as a F/B ration of 20 db or more, the energy going back to
the mast is not enough to cause much disturbance. However, this
puts a lot of stress on the clamp and is used more often when the
beam is side mounted on the tower and can be adequately braced.
Or, you could use a dacron line (which unlike nylon doesn't stretch)
to hold up the far end of the beam.

Unless you have a critical application in mind, I wouldn't worry
about it too much.

Ramon, AL7X [To avoid SpamBots, my e-mail address is not machine
readable. Reply to rfg.at.nome.dot.net]

4408. Re: Ramon, Fix Your Software

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: Ramon Gandia <rfg.at.nome.dot.net@no.spam.please>
Message-ID: <32574870.1684@no.spam.please>
Source record: 215363

Jim Kehler wrote:
>
> Ramon,
> I can't answer email you send me because:
>
> Return-Path: <rfg.at.nome.dot.net@to.keep.spam.out>
> Date: Sat, 05 Oct 1996 16:36:17 -0800
> From: Ramon Gandia <rfg.at.nome.dot.net@to.keep.spam.out>
> Reply-To: rfg.at.nome.dot.net@no, .spam.please@nome.net
>
> doesn't seem to be a good email address.

It is good, but you have to translate it by hand and type it in
instead of pressing the "reply-to" button. My address is the
standard accepted Internet phonetic: rfg.at.nome.dot.net
where ".at." is replaced with @, and ".dot." is replaced with a period

I did it to foil the SpamBots that cruise the usenet looking for
e-mail addresses to send junk mail to. LOTS of people are doing
this now.

I tried just a plain rfg.at.nome.dot.net and my Netscape 3.0 would
not accept that unless it had an @ sign somewhere in there. So
that is the best I could come up with.

What I need to do is make up a signature file (sans cartoons, thank you)
that explains this a bit better. Sorry for the inconvenience.

Ramon, AL7X [To foil SpamBots, my e-mail address is not machine
readable. Address your e-mail to rfg.at.nome.dot.net

4409. Re: Answer for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <536gns$mbr@news.Hawaii.Edu>
Source record: 215456
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Dave Horsfall <dave@fgh.fgh.oz.au> wrote:
> pacrimgolf@kuentos.guam.net writes:

>| What kind of changes were you hoping for ?

>Oh, the end of the requirement to shoe a horse before you can drive a car.
>After all, you, the motorist, might find that your life depends upon being
>able to shoe a horse, when all other transport has failed...

If about half the vehicles on the road were horses then maybe it'd be a
good idea to retain that knowledge.

Jeffrey KH2PZ / KH6 CW
Mathematics, sailing, chess, piano, hamradio, ocean diving

4410. Re: RIP MARS CW

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <536oh3$rj6@news.Hawaii.Edu>
Source record: 215457

Kevin Jessup <kevin.jessup@mail.mei.com> wrote:
>joseph.buch@dol.net. wrote:

>> As of 0000 UTC 1 October 1996 CW is prohibited on
>> frequencies controlled by the US Department of Defense
>> including MARS frequencies.

>> Paraphrasing Samuel Morse, "What God hath wrought the DoD
>> hath put asunder."

>I believe the Luddites had similar words
>when the industrial revolution arrived.

Speaking of Luddites, are you still communicating with a microphone,
Kevin? Voice is just about as old as Morse sent via CW, you know.

KH2PZ / KH6

4411. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <536ovk$s01@news.Hawaii.Edu>
Source record: 215458
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>Part of the cost of Morse is the wetware conditioning required,

Part of the cost of digital is the moistware conditioning required
learning to type.

>I would not be surprised, or disappointed, if it became like AM, something
>people tinker with only for nostalgic reasons.

Oh, I wouldn't call domestic and foreign AM broadcasters, and aircraft
AM radio users, tinkerers.

Jeffrey KH2PZ / KH6
Mathematics, sailing, chess, piano, ham radio, ocean diving

4412. Re: Digital VS. CW Testing

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: carl@ais.net
Message-ID: <534a0k$s3b@news.ais.net>
Source record: 215459

In <531qfp$p77@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net (Jim Kehler) writes:
>gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>
>>A test sounds like a good idea, Jim. But the contentless contacts
>>you suggest smell like Dx gaming to me. The purpose of communications
>>is to communicate, so I suggest we have something to say. Some of
>

[snipped the remainder of Gary's well-thought-out proposal for a
meaningful test]

>So, in other words, you don't wanna play. Not with my rules, anyway.

Right ... by your own admission, later in your post (quoted below)
your test was rigged so that you "could easily win" ...

>The purpose of communications is to communicate......

Gary is right here ... pro-coders constantly assert that CW is *the
best* way to communicate ... so COMMUNICATE, as in "move some meaningful
volume of information from point "A" to point "B" ...

>What I had envisioned was a rather short test to see if the statements about
>'nobody is using CW anymore' and 'digital modes are more popular' are true.
>Which I could easily win.
>

Nobody said that no hams were using CW ... what has been said is that
"Nobody *BUT* hams are using CW any more. (to any meaningful degree)

And the fact that your proposed "test" was contrived to be to your
perceived advantage (while having virtually no meaning) was not lost on
anyone with any intelligence ...

>What you envision is a test of passing a large amount of data to see if the
>the statements 'digital modes are more effective' than CW are true. Which
>you would easily win.
>
>You obviously agree that I can make 500 contacts on CW much faster than
>you can make 500 contacts on Pactor or Clover.

I'm not sure you'd win this one in a monitored, judged environment Jim.

>And I agree that you can
>pass long text messages on Pactor or Clover much easier than I can on CW.

But you're definitely on the mark on this one ...

>So do we both agree that CW and the digital modes have different purposes
>on HF as they pertain to amateur radio, and that each would excell under certain
>conditions ? Or do we only agree that he who makes the rules wins the test ?

It's sort of like the current system where the "foxes" are "guarding the
hen-house" ...

Carl - wa6vse
carl@ais.net

4413. Re: for Gary

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: carl@ais.net
Message-ID: <534aos$s3b@news.ais.net>
Source record: 215460

In <531102$pb8@freenet-news.carleton.ca>, dg198@FreeNet.Carleton.CA (Frank Sved) writes:
>
>You're a "digital" person, look at this analogy.
>
> Radio components are equal to commands of a programming
> language. Using commands you build a program (= radio).
>
> Which transmitter would require the least amount of instructions
> to build?

Who CARES ????

For example ... the CPU in the machine I'm writing this on runs at
120MHz ... CPU cycles are CHEAP ...

(even on DSPs ... I'm aware of a consumer product ... a telephone, to be
exact ... that has in its complement of devices a 50 MIPS DSP subsystem)

.. complexity (compared to a CW transmitter) is TOTALLY IRRELEVANT ...
it's HOW WELL DOES IT PERFORM? that you should be asking ...

This is the 1990s, NOT the 1930s ... as I've asked before "Hello? Is
anybody home? Wake up?!?"

Carl - wa6vse
carl@ais.net

4414. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: carl@ais.net
Message-ID: <534bl2$s3b@news.ais.net>
Source record: 215461
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <52u9ef$k1u@usenet.pa.dec.com>, little@pecan.enet.dec.com (Todd Little) writes:
>In article <52sgq2$975@news.ais.net>
>carl@ais.net (Carl Stevenson) wrote:
>
>> In <52n13q$nrv@usenet.pa.dec.com>, flaherty@pago-pago.pa.dec.com (Paul Flaherty)
writes:
>
>>>The reason that QSOs/Hz and not bits/Hz is the relevant metric is that human
>>>beings adapt their information rates to the channel in question, applying
>>>compression in various forms.
>
>> I didn't say bits/Hz ... I said bits/sec/Hz ... that's THE valid metric
>> .. Morse can be viewed as bits, just as can data, or voice (in
>> digitized equivalent form, if you like) ... QSOs/Hz makes NO sense ...
>
>Well as much as it pains me to say so, QSOs/Hz is a valid metric.

I disagree ... but I know you'll hear me out ...

>It basically measures how many concurrent QSOs can take place in
>a given bandwidth. Given the variable speed at which humans generate
>information, it makes sense as it measures occupancy, not throughput.

But occupancy is not what measures spectral efficiency ... information
transfer is ... that's why the bits/sec/Hz metric is the one that's
prefered in the engineering community and by the FCC ...

As Gary points out, QSOs/Hz says nothing about how efficiently those
QSOs are being carried out, or if there's any value in the content.
Like it or not, if the content value is low enough, as Gary points out,
"QSOs/Hz" is simply a measure of the number of active noise generators.

>>>Oh yes you have. You've repeately called for a mandated change from
>>>"outdated" technology to something new.
>
>> No, I said "Eliminate the mandatory code test and let new technology
>> flourish instead of maintaining a repressive, backward status quo."
>
>The two are not the same. I don't believe Carl is asking for a mandated
>change in technology, only an elimination of a mandated mode test.
>

That's correct, Todd ... and we also need to change a few archaic rules
with regard to permissable bandwidth, coding schemes, etc.

Carl - wa6vse
carl@ais.net

4415. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: carl@ais.net
Message-ID: <534d67$s3b@news.ais.net>
Source record: 215462

In <1996Oct4.152518.3110@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>
>Try tuning across HF today. If you can't find room to squeeze in
>another QSO, you aren't trying very hard. The bands simply are not
>full to capacity. Until they are, people aren't going to be highly
>motivated to abandon methods in which they have large sunk costs
>in order to adopt more efficient techniques.
>

But the same people who will bitch about spending a few bucks on more
modern, efficient technology are the exact same people who will turn
right around and bitch that "the bands are already too crowded, we can't
handle the influx of people that a no-code HF license would bring."

Of course, neither of their complaints is true ...

>"Good enough" is always the direst enemy of "Better". That's a
>fact, Jack, and there's no getting around it. If you don't recognize
>this fact of life, your campaign for greater efficiency will not be
>effective. First "good enough" has be become "not good enough" anymore
>before large numbers of people will be motivated to change their
>ways.

But they already say the bands are too crowded (for more hams) ... so
why not begin adopting better technology now??? (other than being set in
their ways and/or cheap?)

>Computers and networking are examples of how quickly "good enough"
>can change to "not good enough". In a free market, I've seen pushing
>1200 baud through a telco pair go from "good enough" to laughably
>insufficient in a mere decade. Today there are those who are saying
>28.8 kb isn't "good enough" any longer because the content of their
>communications has become richer.
>

I remember when 300 baud was "good enough" and 1200 was "fantastic"
<grin> now, 28.8 kb IS painfully slow ...

>But in the overly regulated and artificially tariffed insular
>world of amateur radio, most amateurs are still stuck at the
>1200 baud level today, or the even more laughably pitiful 300
>baud, or the even more pathetic WPM of OOK Morse.
>

It IS, as you state below, a sad state of affairs ...

>There are a number of structural reasons for this sad state of affairs.
>One reason is that a surprising number of amateurs just don't have
>much to say to each other. They are caught up in the postal card
>collecting game and only operate a radio as a way to facilitate that
>collecting activity. They don't *need* to communicate anything of
>substance to another person, every exchange is a carbon copy of the
>last. Thus they don't need a high bits/sec/Hz.
>

Your comment in another post about how, with sufficiently low content value, "QSOs/Hz" becomes simply a measure of the number of active noise generators clearly applies to the "QSOs" described above ... (oops, Jim will be pissed, I think I just dumped on his beloved "DEE-X")

>The few amateurs who do want a highly content rich global environment,
>and thus need to use efficient information carrying techniques, aren't
>yet of sufficient number to form a critical mass to drive such a possibility
>toward becoming the dominant reality. And of relevance here, arbitrarily
>restrictive regulations and artificial protective tariffs such as the Morse
>tests keep those numbers from growing significantly towards critical mass.
>

Agreed ... this also "serves the purpose" of the CW folks' desire to maintain the status quo ...

>And perhaps equally significant, wired networks have removed much of the
>demand for such amateur radio links. Amateur packeteers have given up
>on a global network and have turned to internet wormholes to interconnect
>their little patches of activity. Without the ability to use HF effectively
>to lower the hop count, the latency of solely VHF+ amateur networks makes
>an effective global amateur radio network an impossibility.

And the inability to achieve enough "critical mass" to get people to move to something better than 1200 baud AFSK doesn't help either ... removing the CW test and getting more technical folks involved will help.

>In a way, both you and I are trying to sell freezers to Eskimos. They
>just don't want or need what we have to offer. We see a thaw coming,
>and try to make people understand that they will need these techniques,
>but all they see is last year's accumulation of ice and snow and don't
>yet feel the heat.

Problem is, when the heat arrives, all that blubber those backward "Eskimos" have stockpiled is going to start stinking REAL bad ...

But it'll all be spoiled (bands will be sold off) before we can get enough "freezers" fielded to save it from the heat ...

Then the "Eskimos" will REALLY have something to bitch about ...

Carl - wa6vse
carl@ais.net

4416. Re: Suffixes to amateur call signs

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: wrt@eskimo.com
Message-ID: <325cb053.5959862@eskinews.eskimo.com>
Source record: 215463

gary@carcs1.wustl.edu wrote:

>What do the suffixes attached to amateur call signs mean?
>For instance, the "7" in "KA0AAA/7", or the "AE" in "K0BB/AE"?
>
>- Gary KB0QGE

In the examples you gave, the /7 means that he is operating from the 7th call area instead of the 0 call area, where he is licensed. This used to be important since the FCC rules required that you identify the fact when you were away from your home station. Now they don't but some hams still do it either out of habit or just to advertise the fact.

The "AE" means that the person has upgraded to Amateur Extra class but hasn't received the paper copy of the license yet. As soon as they do, they can drop the "AE".

You will often find other things appended such as /M which means mobile, and /MM which means maritime mobile.

73, Bill W7LZP
wrt@eskimo.com

4417. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: carl@ais.net
Message-ID: <534dq9$s3b@news.ais.net>
Source record: 215464
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <3252D8F2.68A4@west.net>, Howard Coleman W6HQA <w6hqa@west.net> writes:
>These events can happen and did happen during the Northridge quake in
>California. I'm six miles from the center of that one. The only
>method we had of getting through on a consistent basis was hf cw.
>Why? Because this area is surounded by mountains and vhf just was not
>cutting it. CW got through with reliability.
>

So would have CLOVER or PACTOR (or SSB) ...

Having been associated with a large, wide area VHF/UHF system in SOCAL for many years (with equipment on all the major mountaintops in well-designed commercial buildings with backup generators AND our own batteries) I can assure you that the biggest volumes of traffic handled in emergency situations in California nowadays are handled on FM and packet ... with packet playing an ever-increasing role ...

Our system was closely associated with the state Office of Emergency Services, and provided support thereto ... (one of my co-directors of the system was in charge of communications for that government agency)

So, without attempting to question your sincerity or your motives, I feel compelled to label your "glowing testimonial of how CW saved the world again" as yet another example of a wishfully-exagerated "Morse Myth" ...

Carl - wa6vse
carl@ais.net

4418. HF Amateur Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: Jim Reid <jreid@aloha.net>
Message-ID: <01bbb25d$2649e420$76070ccf@jim-reid-1>
Source record: 215465
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

There has been much posted about data through put rates,
capacity, efficiency, etc on these newsgroups of late,
mostly to point up the antiquity surrounding CW! However,
much has been implied that these other alternative, modern,
though not new techniques are better.

Well then, to what purpose have radio amateurs used the
HF bands, that is up to 30 mHz?

Since the most early days of the hobby, the thrill of THE CONTACT
has been the lure of HF; certainly not quantity nor "quality" of data,
other than the essentials to be sure a real contact had occured. This
was also true for Marconi, Tesla and Hertz--did he hear me, and I DID
hear him and responded.

That is the entire point of the QRP branch of the HF hobby: can I make
the contact! That is all that is looked for, nearly exclusively on the
very difficult to operate 160 meter band!! Can I hear anyone tonight,
and if I do, can I make a contact with him/her? That is the fun of
160 meter hamming.

Contesting -- the bane to many on contest weekends, but on those
weekends absolutely several thousand HF amateurs, all over the world,
on every continent and in well over 100 REAL countires are on the air
for 48 hours straight. Why: to make as many CONTACTS with as
many others, in as many different places, contintents and countries
as they possibly can. Expense is NOT an issue with many Super
Station Big Gun owners. As much money goes into these stations as
does any stable of Ferrari racing equipment, perhaps more. There is
one contest station in the upper Midwest with 42, count them, 42
antenna towers!! Stacks of monoband arrays, multiplt rig setups,
computer networks to every tower, rig and operaor position, etc, etc.
Why, to make a few thousand contacts at a rate of up to 300 per
hour on a given band by a given position operator at peak band
condition times. And they need skill, loads of band propogation smarts
experience, and the very BEST of equipment to do it. Why? to show
they made more contacts to more places than anyone else on the
planet during those 48 hours; it causes there adrenalin to flow
greatly for all those hours, and creates a great high!!

Someone posted the opinion that the Old Farts were just interested in
collecting postcards (QSL's). They do give assurance of THE CONTACT.
These cards are useful to the individual on a day/night when the HF
bands are dead or too noisy. Then one can look through the stack,
and relive the QSO or contact, brief as it might have been, but perhaps

very tough to have gotten through! Or, mine make a very decroative blanket of wall covering! Quite colorful many, and does impress visitors, if they happen to give a hoot about my hobby!

Secondarily, the HF bands are a meeting place for old friends, and a casual, very casual, conversation with a stranger, who just might become a new friend. These occur on both SSB and CW modes every day, and night.

So until the HF band amateur discovers another way to really have lots of fun, they way it has been since the beginning of amateur radio. I suspect they will continue having fun the old way. RTTY has been gaining in popularity the last several years, not because of a great data rate, which it isn't, but it does allow a lot of contacts with a lot of people, all over the world, especially on RTTY contest weekends. Might say RTTY has been discovered as another way to really have some fun on HF. Of course it grew out of an earlier brach of the hobby which was connecting up the old Western Union and AP mechanical RTTY gear to the HF rig! Now that was fun; even have a couple of those out here in Hawaii (did someone post that this might be the "armpit" of the Pacific, well maybe some places in the wrong part of town in Honolulu, but NOT on rural, calm, beautiful, green, garden island of Kauai!!).

So, most of the arguments being posted on these reflectors are not that meaningful to todays really active HF band amateur. He is already having a lot of fun, the old way.

Notice, I have said nothing about technical training, emergency service, etc. in this piece. However, my station did save the ship Sea Harvest from being taken over by Cuba or Caribean Pirates one very stormy June night in 1992. The only signal the ship captain could cause to pay any attention that night was not on the marine bands, but he came up into the 20 meter SSB band, 14245 actually, and yelled at me until he got my attention!!

For reasons known only to the God of propogation, my signal was the ONLY signal he could find with his on-ship gear!

We were in QSO from here on Kauai
with some guys back in the Carolinas; they could not here the ship which was obviously much closer to them than to Hawaii, peculiarity of 20 meter skip. But they did land line the Coast Guard, and my station acted as the relay for instructions. Is a very long story and has been written up in both the W5YI Report(July 1, 1992) and QST (March 1993). So real HF amateurs have, upon occasion, been of real, life saving benefit to someone in real trouble!!

Just being on the band with good equipment, a bit of wisdom, and a willingness to jump in and spend a few hours helping someone in trouble is also a part of the spirit of HF band hamming. High speed data gear, spread spectrum, etc., would have been useless in the emergency

situation above. And talk about the HIGH experienced by yours truly as a result of that encounter!

So until you guys can make it obvious to a bunch of us that there is really a lot of fun and adventure to be had using your newer modes, we old farts will go on doing it the old, lots of fun way. I grew up in a time when our first radio was "powered" by a galena crystal; a type 01A nand 30 were the first triodes I fooled with. But I was educated at University in microwaves, started out building TWTs, later on it was silicon bipolar interdigital transistors, and at the end of my prof career,
Gallium Arsenide FETS with sub-micron geometries--but it was all for analog transmission/detection modes. Well,did have a bit of time with a QPSK rig: one could connect a telephone company T1 line to the input, and out came the digital, sort of spread spectrum signal on the 2gHz common carrier band; but that was the peak of my career in newer modulation methods.

So far as I know, the only places on the HF bands where anybody cares about data through put rates are the few packet type links up around 14100 on 20 meters, and these are "closed", coded protected BBS links, not open for casual QSO'ing.

So again, until the nature of what goes on within the HF amateur bands changes, I suspect the modes in use will not see much change. What we need now are sunspots to make the propogation God smile on these bands once again; that way we can operate more hours per day trying to throw our signals to the other side of the planet on as many of the nine HF bands as we possibly can! That is what is fun!!

73, Jim, AH6NB

4419. Re: XE2 reciprocal licensing?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: carl@ais.net
Message-ID: <534edn$s3b@news.ais.net>
Source record: 215466

In <325447a9.4786229@news.pacbell.net>, radionut@pacbell.net (Carl Swanson, KK6RV) writes:
>
> Does anyone (or has anyone) successfully obtained an XE2
>reciprocal license in Tijuana? If so, I would like to hear about it.
>(ie: where you went, what papers you had to have, etc.) I had done it
>once before through Mexicali, but that was more than 5 years ago and I
>have misplaced all of my paperwork since that time.
>
> I have been compiling info from many sources and each source
>tells me a different story. Can anybody help me? Please email with
>your advice: radionut@pacbell.net
>
>
>73 es gud DX,
>
>Carl, KK6RV

My experience with obtaining a license in TJ is circa 1992 ... had to
go to SCT office in TJ with copies (take several of each ...
bureaucrats LOVE paperwork) of passport, turist card, and US ham license
.. when papers are all determined to be in order, a modest fee must be
paid (in Pesos) and you get a reciprocal license ....

Again, this was in 1992 ... I can't remember the directions to the
office or the name of the official.

The best advice I can give you is to find and contact either or both of
the two major San Diego marine stores that cater to the sailboat
cruisers ... I'm afraid that I don't remember their names either, but
they're well known in the San Diego boating community ... they will know
the latest proceedures, directions, etc. for getting a Mexican
reciprocal license ...

73,

Carl - wa6vse
carl@ais.net

4420. Re: When are Vanity callsigns open to General

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: jonz@rainbow.rmii.com
Message-ID: <534mcn$9vj@rainbow.rmii.com>
Source record: 215467

David Barnes (david_barnes@hp.com) wrote:
: I'm a general class with no relatives or other reason to lay claim to a
: previous callsign.

: When will I be able to apply for a vanity callsign?

Well, uh, 11 days ago.

Jonesy

4421. Re: When are Vanity callsigns open to General

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <534msa$j2a@jupiter.planet.net>
Source record: 215468

> jonz@rainbow.rmii.com (Bea and Marvin Jones) writes:
> David Barnes (david_barnes@hp.com) wrote:
> : I'm a general class with no relatives or other reason to lay claim to a
> : previous callsign.
>
> : When will I be able to apply for a vanity callsign?
>
> Well, uh, 11 days ago.
>
> Jonesy

Not exactly. September 23 marked the opening of gate 2, not 3

The general gate will no be open for quite some time. At this point, gate 2 is for holders of extra licenses and that is taking quite some time.

Gate 3 for the advanced class is next but the effective date has yet to be announced.

73

steve KF2TI
now and forever

No code or Know Code...who cares
5 wpm is know code

4422. This Week in Amateur Radio #184 (for air through 10/11/96)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: "Stephan M. Anderman" <sanderman@delphi.com>
Message-ID: <5NEQFii.sanderman@delphi.com>
Source record: 215469

```
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-
Here is a summary of news items covered on edition #184 of
"This Week in Amateur Radio", North America's satellite-delivered
audio bulletin service, for the week ending 11-Oct:
-
1. FCC Says Vanity Call Sign Applications Below Expectations
2. $2000 Fine Against California Amateur Affirmed by Commission
3. RAC Headquarters Move from Kingston to Ottawa Begins This Week
4. ESA Moves Closer to Launch of Phase 3-D Satellite
5. Crystal Manufacturer Closes Down after 63 Years of Operation
6. "Gateway 160 Meter Net Report" with Vern Jackson, WA0RCR
7. QST Announces Correction of Contest Date
8. Weekly Propagation Forecast
9. "Ancient Amateur Archives" w/Bill Continelli, AB2CA (ex-KE2XB)
10. ARRL DXCC Desk Reports Minimal September Backlog
11. ANS Reports STS-78 QSL Cards Still on Hold
12. Special Event Station Calendar
13. "The RAIN Dial-up" from Chicago
14. Noel B. Eaton, VE3CJ, Former IARU President, SK at Age 86
-
Funding for the program's transmission and production expense was
provided this week by a grant from Keith McQueen, N7HMF, of Orem,
Utah, where "This Week in Amateur Radio" is heard on the N7HMF
repeater on 448.025 MHz serving Provo, Orem, and Utah County.
-
"This Week in Amateur Radio" is a weekly amateur voice bulletin
service, produced by Community Video Associates, Inc., a New York
State not-for-profit corporation based in Albany, NY. The program
is heard on the "W0KIE Satellite Network" each Saturday at 9:00 PM
(EDT) on the Hughes Communications SBS-6 commercial communications
satellite, transponder 13B upper, located at 74 degrees west
longitude in equatorial geosynchronous orbit. The transponder
center frequency is 12.019 GHz; tune up in frequency to 12.031 GHz.
Program audio is on the 6.2 MHz analog subcarrier and carried on
VHF/UHF repeaters throughout North America and on 160 meters at 1860
kHz. Contact your local amateur radio club or repeater operator if
"This Week in Amateur Radio" is not being heard in your area.
-
Production and transmission expenses are underwritten by donations
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from repeater operators, amateur radio clubs, and individuals.
Further information is available from George Bowen, N2LQS, at
518/283-3665 (email kxkvi@delphi.com) or Stephan Anderman, WA3RKB,
at 518/664-6809 (email sanderman@delphi.com). You may also reach
them @ WA2UMX.FN32AW.ENY.NY.USA.NA via amateur packet.

4423. Re: Suffixes to amateur call signs

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: billn@PEAK.ORG
Message-ID: <534qfn$akj@bashir.peak.org>
Source record: 215470

Anthony R. Gold (tgold@microvst.demon.co.uk) wrote:

: Yup, but the /6 really relates to being away from the location of the
: address on the Station License rather than being away from the region
: of call district. For example, if Jim moved to California and
: changed the address on the Station License (actually now just the
: mailing address for the single Operator and Station License) then if
: he was at home he would sign KH2D in California, it would be KH2D/6
: when travelling near to his new home and KH2D/2 when visiting his old
: haunts.

Have they changed the rules in the US? It used to be that you used the
/n suffix whenever operating out of district.

If that is still true - then, in the above example, it would be KH2D
while operating anywhere in the 6th district and KH2D/n when operating
in any other district - e.g. KH2D/2 while in the second district.

Bill

4424. info on connecting microreader to PC please

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: 100735.2576@compuserve.com
Message-ID: <5351lq$ola@dub-news-svc-5.compuserve.com>
Source record: 215471

Hi all,

A freind has just bought a PC to use for viewing the output of his ERA Microreader (which is attached to a Lowe HF-225). The ERA manual explains how to connect the 2 using a 2 wire cable to the serial port of the PC, but doesn't tell us if any special software is required ??. We have tried to use windows terminal to "receive a text file" but nothing happens. ANY advice would be greatly appreciated (I have been voluntered for the job of sorting it out for him, but I only understand the PC side & not the radio kit).

Thanks in advance

JOhn

4425. Re: Suffixes to amateur call signs

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: tgold@microvst.demon.co.uk
Message-ID: <844498921snz@microvst.demon.co.uk>
Source record: 215472

In article <534qfn$akj@bashir.peak.org> billn@PEAK.ORG "Bill Nelson" writes:

> Have they changed the rules in the US? It used to be that you used the
> /n suffix whenever operating out of district.
>
> If that is still true - then, in the above example, it would be KH2D
> while operating anywhere in the 6th district and KH2D/n when operating
> in any other district - e.g. KH2D/2 while in the second district.

Well, there really are no real *rules* about this any more. These
geographical suffixes are all classified as self-assigned in 97.119
(Station identification), and so long as a suffix does not conflict
with FCC issued suffixes (or with a prefix issued by another country)
you are free to make up your own rules on this one. And yours sounds
at least as good as mine, Bill.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

4426. For Sale: amateur and electornic equipment

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: Lonnie Domnitz <maniac@sirius.com>
Message-ID: <01bbb28f$785674e0$dfe386cd@polaris>
Source record: 215473

TOO MANY TO LIST HERE, Please take a look at my web site:
www.sirius.com/~maniac for the complete list

This list is updated daily since stuff is moving fast and I am adding
general electronic parts and equipment.

I have some homebrew and Heathkits and Commercial gear

4427. Re: easy gentlemen...2m dx

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <535k4n$27mc@usenetw1.news.prodigy.com>
Source record: 215474

mckinne <mmckinne@fontbonne.edu> wrote:
>
>you would think old jim did something wrong by commenting on dx
>2m...cant we just relax and not chew each other for a second or
>two....i believe the term is rag chewing,not people chewing isnt
>it?mmckinne@fontbonne.edu

Welcome to America in the 90s.

It's a crappy world that we live in, and getting worse all the time.

-Drew in Sunny Central Florida-
KF4DDM

4428. What the big guys think of hams.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <32566095.7953@ccsnet.com>
Source record: 215475
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

-

From:

Dennis A. Mason
damason@uswc.uswest.com

(I agree with every word, but he was too mild-Burt K1OIK).

You ham radio ops are a bunch of cheap skates. You're always trying to screw us commercial dealers out of a radio or repeater for some stupid project of your own. Most of your repeaters are all closed and are absolutely worthless for emergency use. You all claim to be such a big help in emergencies. WELL YOU'RE NOT!!! Hams can't and don't contribute anything to disaster relief any more.

All you do is whine and moan about how much a piece od commercial equipment costs. Well that isn't entirely true. You do go to hamfests and whine and moan to vendors about how much their equipment costs as well. You idiots have absolutely no idea what goes into the design production and marketing of any piece of gear, commercial or not. I truely feel sorry for any poor bastard that relies on making a living from you cheap SOB's.

Why not give us legitimate commercial interests your VHF, UHF and SHF spectrum so that we can do something useful for mankind instead of letting a bunch of retired has beens have access to billions of dollars of spectrum for nothing more than comparing prostate troubles during the day when the rest of humanity is doing something useful... like working for a living.

I'm sure to get some flame mail over this so I might as well make it good... You guys are worse than CBers. All you do is bitch about code requirements and how hard the tests are to get a license. Well I got news for you. You hams should be relegated to about 400 KHZ of spectrum in the 20 meter band. It should be allocated into 40 distinct channels 10 KHX apart. Maximum power 5 watts ERP. All testing and call signs should be revoked and every 18 wheeler should have a mass production, $50 20 meter ham rig installed. Then I suppose you all could bitch about paying a whole $50 to whoever is desperate enough to get into that market.

73zzzzz good buddies>>>

4429. Re: Vain CW op Calculates

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: jbmitch@vt.edu
Message-ID: <535v5c$faj@solaris.cc.vt.edu>
Source record: 215476

In article <3252786F.7497@haven.ios.com>, ldeering@haven.ios.com says...
>
>The wait for Gate 2 results lets us rethink CW, bandwidth, etc. For
instance,
>the number of applications on day one is roughly 4000. If the FCC typist
(snip)

Like about 5000 other hams, I've been giving this some thought, as well. Since the FCC phone rep told me there is only one full time person doing all the logging, I've wondered if they at least hired some part time help. Here's another thing to consider. I first visualized this process working like this: all the day one entries are forwarded to the FCC, then they are simply shuffled all together, and then the poor, overworked clerk takes them (randomly), and begins entering calls 1-25 until they get a "hit", i.e., the call is available. In this way, the poor, overworked clerk only has to enter a relatively few number of calls for each applicant, at least for those first thousand or so. After the first bulge of calls, there would be more and more repeat requests, and more applicants forms would require all 25 to be typed in, and even then, some will receive no call, right?

Well, what's actually occurring, as I understand it, is that all 5000 applicants are having all 25 calls entered. Aside from the extra time this will require, has anyone considered the probable error rate in entering 125,000 mixed letter-number entries? It's too bad the FCC didn't get the electronic filing system in place in time for more hams to file electronically, (even the instruction page was blank until the 23rd - who wants to chance it not working? i mailed mine on the 20th) because I estimate human error will result in erroneous entry of a significant number of applicants' carefully chosen calls.

I really don't think the FCC planned this out very well, and probably got quite a shock when they saw the deluge that came when Gate 2 opened. There is an order of magnitude difference between the numbers of qualified applicants between the first couple of gates and Gate 2. Just wait until the next gate opens.

4430. Re: HF Amateur Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: carl@ais.net
Message-ID: <535v1o$sk6@news.ais.net>
Source record: 215477
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <01bbb25d$2649e420$76070ccf@jim-reid-1>, "Jim Reid" <jreid@aloha.net> writes:
>
>Well then, to what purpose have radio amateurs used the
>HF bands, that is up to 30 mHz?
>

Mostly for games like Jim's "DEE-X" and the postcard collecting
oriented, carbon-copy, contentless "QSOs" that Gary refered to ...

>Since the most early days of the hobby, the thrill of THE CONTACT
>has been the lure of HF; certainly not quantity nor "quality" of data,
>other than the essentials to be sure a real contact had occured. This
>was also true for Marconi, Tesla and Hertz--did he hear me, and I DID
>hear him and responded.
>

In the days of Marconi, the fact that he was heard WAS unique and
exciting ... however, how many times over with "been there, done that"
before it ceases to have importance???? The first time man set foot on
the moon was a big deal ... a couple of hundred years from now when
permenant lunar bases have existed for a long time and mars has begun to
be colonized, a man on the moon will be no big deal.

This is part of the problem ... people who don't know any better, who
insist on making a big deal out of and assigning an unwarranted amount
of importance to their ham radio contacts, like there was something
marvelous and magical in the fact that "I've turned on my radio and
talked to someone in _____!!!!" Wow, I'm impressed!!! (not) ... wake up
people!!! Radio is well extablished. Has been for years. Working DX is
NOT some sort of pioneering effort that advances the communications art.

>Contesting -- the bane to many on contest weekends,

You got that right ... these ridiculous "organized jamming sessions" are
arguably a lone facet of ham radio that might merit an outright
regulatory ban ... <grin>

>Why, to make a few thousand contacts at a rate of up to 300 per
>hour

Wow, talk about content-rich, meaningful exchanges amongst intelligent
beings? (not) What a waste of energy and spectrum!!!

>Why? to show
>they made more contacts to more places than anyone else on the
>planet during those 48 hours; it causes there adrenalin to flow

>greatly for all those hours, and creates a great high!!
>

Sounds like the old ethnic joke where you give a guy a card that says:
"How do you keep a ____ busy for 48 hours? (see other side of card)"

On the other side of the card it says:
"How do you keep a ____ busy for 48 hours? (see other side of card)"

>Someone posted the opinion that the Old Farts were just interested in
>collecting postcards (QSL's). They do give assurance of THE CONTACT.

Big deal, so would a digital signature ... like signed plaintext
messages, using a public key program like PGP ...

>These cards are useful to the individual on a day/night when the HF
>bands are dead or too noisy. Then one can look through the stack,
>and relive the QSO or contact, brief as it might have been, but perhaps
>very tough to have gotten through!

Wow, that's USEFUL! (not) ... just another example of how many in the
pro-code circle seem to view life (living in the past) and assign value
(what you did "back when", not what you can do now, or what your plan to
do in the future that's even better)

>Or, mine make a very decroative blanket of wall covering! Quite
>colorful many, and does impress visitors, if they happen to give a
>hoot about my hobby!
>

I don't think that many would remain impressed with your collection of
wallpaper after finding out that the bulk of the "contacts" were just
that ... minimal contact ... "UR 599 in ___, TNX FER QSO, OM, PSE QSL,
73 <SK>"

>a couple of those out here in Hawaii (did someone post that this
>might be the "armpit" of the Pacific, well maybe some places in
>the wrong part of town in Honolulu, but NOT on rural, calm, beautiful,
>green, garden island of Kauai!!).
>
No, I was referring to Guam in response to someone's question about
"didn't Jim (K, on Guam) have anything better to do than ..." <grin>
Hawaii's nice, I've been to Oahu and Kona, only seem pics of Kauai)

>Notice, I have said nothing about technical training, emergency service,
>etc. in this piece. However, my station did save the ship Sea Harvest
>from being taken over by Cuba or Caribean Pirates one very stormy
>June night in 1992. The only signal the ship captain could cause to
>pay any attention that night was not on the marine bands, but he
>came up into the 20 meter SSB band, 14245 actually, and yelled
>at me until he got my attention!!
>

I see you managed to "save the world" without resorting to using CW ...
(congrats, not to demean your assistance to the vessel in distress, only
to point out that it was SSB, not CW)

>For reasons known only to the God of propogation, my signal was
>the ONLY signal he could find with his on-ship gear!
>

See, if we had a lot more HF hams, he'd have had an easier time finding
help.

Carl - wa6vse
carl@ais.net

4431. Re: E-MAIL! was: Cheapest ...QSL cards?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: jbmitch@vt.edu
Message-ID: <535vn2$faj@solaris.cc.vt.edu>
Source record: 215478

In article <charles1DyB6M9.IG3@netcom.com>, charles1@netcom.com says...
>
>After talking to Kinko's, I'm quit shocked what they want to make 3X5
>QSL cards. A mininum of 100 at 41 cents EACH! Price drops to 18 cents
>each for 1000 ... thats $181!
>
>I bought some heavy duty paper, but dread cutting out these things.
>
>Any Ideas?

OK sports fans. This is not a new idea. But why doesn't somebody
perfect a system to send electronic QSLs?????

I hate QSL cards. I just printed up 500, which cost me about 60 bucks,
and now I have to go the expense to snail mail the things all over the
planet. It doesn't make sense. The allure of the paper card wore off
for me when I was a kid, collecting international SWL cards. Everytime I
send SASE's to the buro, I get back at least half EU SWL cards, which I
pay first class postage to have forwarded to me! I'm not a SW
broadcaster! I don't want to pay expensive snail mail fees to know some
guy in Poland can hear my signal. I know that already, I just worked the
ham next door to him. Get my drift, here?.

Let's get a bunch of whiz kid computer folks together and develop a
system to send and validate qso exchange by internet. Those without
internet access (whose number should be diminishing drastically in the
next few years) will simply access a local "node", maintained by local
club, whatever, even Kinko's can get you on internet. This can't be too
hard. Why don't we do it???

73,
John

4432. Re: Kenwood HF radios in Truck Stops?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: jbmitch@vt.edu
Message-ID: <53609g$faj@solaris.cc.vt.edu>
Source record: 215479

>AN IMPORTANT POLICY ANNOUNCEMENT FROM KENWOOD
>
>
>Over the past several months, QST has reported that Kenwood is selling our
>Amateur products to CB stores and Truck Stops. We want to make it clear
>that this is just not true....
>The decision was made to use well known established distributors
>who could sell radios to those businesses. Our distributors were carefully
>selected and interviewed. Some were selling Amateur related products and
>accessories. All these distributors understand their responsibilities in
>regards to the sale of Amateur products for licensed use only.

What a bunch of specious crappola. As we all know, "well known established distributors" already sell all the radios they can to Amateur Radio Stores. As far as "Amateur-related products and accessories" I can only think of one business that is well known - Rat Shack. Rat Shack will sell a 10 meter or 2 meter transceiver to anything that comes through the door. I can't imagine any other vendor, other than truck stores and CB shops. I guess in Kenwood's mind, as long as you can by coax with 70 per cent shield, then it's a ham store.

This "Policy Announcement" confirms my worst suspicions. They are not only doing what we suspect, they are crafting such lies as this to try to excuse themselves. This is one prong of a multi-tier effort to finish the job of turning ham radio into a commercial success at the expense of everything that has made it a great avocation. The other big prong is the no-code initiative.

4433. HELP : CODE 3 vers. 5.0 Hoka Elettronica

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: roby@xs4all.nl
Message-ID: <53628s$865@news.xs4all.nl>
Source record: 215480

Hy,
I looking voor Code 3 vers.5 from Hoka Elettronics (The
Netherland).

Does version 5 exist?

Thanks

roby@xs4all.nl

4434. Re: question for carl and the no code group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct5.130247.6751@ke4zv.atl.ga.us>
Source record: 215481

In article <52r77t$l1l@freenet-news.carleton.ca> dg198@FreeNet.Carleton.CA (Frank Sved) writes:
>I enjoy CW and use it. Wish I could go faster. Its inclusion in the
>license, however, could be better replaced with another test more
>effective (and fair) for granting right-of-passage to full bands. Full
>bands shouldn't be accessible to everyone just for the asking, it should
>be worked for, a bit like money.

I must disagree. There is no reason for government to impose a
rite of passage. The concept of work has no inherent moral value.
Bank robbers have been known to toil very hard tunneling into
a vault, but their work has no moral value. Only if the work
itself has intrinsic value should it be prized.

There is reason for government to demand that their legitimate
concerns be met. But government should be indifferent to the
effort an applicant must expend to meet those concerns. If there
must be gradations in licensing, then the gradations should make
sense from the perspective of legitimate government concerns. In
that regard, *power* is the most appropriate differentiator of
amateur grades rather than access limits to fundamentally similar
slices of spectrum.

In line with recent government actions, perhaps we should consider
two amateur classes. The lesser class would convey amateur privileges
at a maximum power limit of 50 watts while the greater would convey
amateur privileges at a maximum limit of 1.5 kW. Framkly, I'd be
satisfied if amateur power limits were reduced to 10 watts and 100 watts
respectively for the two classes. Amateurs tend to use too much power
anyway as compensation for using inefficient modulations and codings.
However, there are a few extraordinary situations where greater powers
than those I mention might be warranted, so I'm content to accept 50 watts
and 1.5 kW as the appropriate *maximum* levels for now, with the clear
understanding that "minimum power necessary" should always be a
paramount concern among amateurs.

As a step toward encouraging amateur respect for "minimum power
necessary", I'd like to call on the contest organizing bodies
to disallow credit for contacts made with more than 50 watts
of power (except for extraordinary situations like EME, and
perhaps 160m and 80m summertime contests). That should immediately
ease a number of government concerns, and cause amateurs to
start seriously considering more efficient methods of operation.

Gary
--

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4435. Re: Zoological creatures was(question for carl and the no code group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct5.133708.6884@ke4zv.atl.ga.us>
Source record: 215482
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <32524161.5D52@nome.net> rfg@nome.net writes:
>Jim Conn wrote:>
>> People often argue that while they would be for dropping the morse
>> requirement, they would be for a stiffening of the written tests, to
>> serve as a barrier against the millions of new hams I mentioned.
>
>Well, I fully support the no-code idea, even if I am an extra class
>ham and a c.w. man (besides the local repeater for chit chat with the
>boys).
>
>The exam does need some strengthening. I am a VE so I know whereof
>I speaketh. But it does not need strengthening in technical matters;
>I thought the written for codeless technician to be fairly wide in
>scope and depth as a technical test.
>
>No, where I think it needs strengthening is in operating practices;
>things like radio etiquette, radio lore, perhaps some history and
>tradition; good operating (no lids, no kids...), etc. Many hams
>today, quite a few with extra class calls, are doing nothing but
>yelling, shouting and using apalling language on the air. 20 meters
>is often a zoo.
>
>We need to get these zoological creatures off the air, and perhaps
>a written test that addresses the issue better might be the way to
>"stiffen" up the ham radio written exam.

I'm afraid that's not the answer. Many of these "zoological creatures"
of which you speak are Extras with many years tenure in the amateur
service. They have had ample opportunity to learn better ways of
operating than they exhibit. It's not that they are unaware of good
amateur practice, it is that they deliberately flout it. So a test
of the sort you suggest would be of no value.

For the vast majority of amateurs, peer pressure and good example
have served well to establish good operating behaviors. For the
few "zoological creatures" to which much reference is made, these
tools have failed. Only strong enforcement action will correct
this situation.

In general, I am opposed to government censorship of any form,
but I have no problem with government action against deliberate
jammers or those who are deliberately and consistently abusive
of others on the air. Whether they use obscene language or not
in pursuit of their jamming or abuse is irrelevant to me. I don't

mind hearing language on the air that I hear in everyday conversation
on the street. I don't expect amateurs to speak as if they were
in church while operating.

I do expect them to show others a bit of courtsey, however, by not
plopping down on top of other amateur transmissions and transmitting
with full knowledge that the frequency is currently occupied, or bursting
into irrational tirades against those operators. I do expect them to honor
97.101(b) and not attempt to enforce an ownership right to a particular
frequency because "they've been using it for years". I expect them
to *listen* each time before they transmit, and refrain from transmitting
on top of another already transmitting on the channel. This most
emphatically includes W1AW and other amateur "broadcasters" as well
as a number of "nets" which have also exhibited this behavior. There
should never be an excuse for a "frequency war" on amateur radio.
We've all got receivers, and most of us have VFOs. We should learn
to use them.

Gary
--
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4436. New WWW Ham Web Page

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: AC6V <AC6V@ix.netcom.com>
Message-ID: <3256A4E1.72F3@ix.netcom.com>
Source record: 215483

Although set up as a DX Reference Page, you will also find info on:

Operating QRP, Beacons, Q-signals, CW Abbreviations, Maps, Distance and
Bearings, WWV Summaries.

10-10 International, County Hunters, QSL Info, Grid Squares,
Mail Lists - On line, 1000+ Ham Links, Parts Suppliers, Antenna Pages,
Tech Data Links, Antique Radio Links, Visiting San Diego.

And Much More at:

http://www.netcom.com/~ac6v/index.html

Suggestions Welcome.

73
Rod In San diego
--
Hark for I have hurled my words to the far reaches of the earth!
What King of old could do thus??
..... AC6V

4437. Re: HF Amateur Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: rlubash@poco.mv.com
Message-ID: <DytF3q.Hpr@mv.mv.com>
Source record: 215484
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <01bbb25d$2649e420$76070ccf@jim-reid-1>
"Jim Reid" <jreid@aloha.net> writes:

> There has been much posted about data through put rates,
> capacity, efficiency, etc on these newsgroups of late,
> mostly to point up the antiquity surrounding CW! However,
> much has been implied that these other alternative, modern,
> though not new techniques are better.
>
> Well then, to what purpose have radio amateurs used the
> HF bands, that is up to 30 mHz?
>
> Since the most early days of the hobby, the thrill of THE CONTACT
> has been the lure of HF; certainly not quantity nor "quality" of data,
> other than the essentials to be sure a real contact had occured. This
> was also true for Marconi, Tesla and Hertz--did he hear me, and I DID
> hear him and responded.

BIG SNIP

> So again, until the nature of what goes on within the HF amateur
> bands changes, I suspect the modes in use will not see much
> change. What we need now are sunspots to make the propogation
> God smile on these bands once again; that way we can operate
> more hours per day trying to throw our signals to the other side of
> the planet on as many of the nine HF bands as we possibly can!
> That is what is fun!!
>
> 73, Jim, AH6NB

Well put!!!

The fun and thrill of the contact is the thrugh-put

Richard, N1VXW

Richard Lubash
N1VXW
email rlubash@poco.mv.com

4438. Re: question for carl and the no code group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct5.122530.6539@ke4zv.atl.ga.us>
Source record: 215485
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <32510B58.C79@nome.net> rfg@nome.net writes:
>I am a CW man, enjoy code but cannot see what use is testing for
>morse code ability anymore. Hey, the FCC did not give me a test
>on giving speeches on a microphone to an audience (lots of people
>freeze). If they allow you to use voice on the radio without
>a speech test, why test for code? Makes no sense. It is
>obsolete thinking.
>
>What I want to see is all licenses be no-code. Carl proposes just
>one class, I think two would be better (a basic test for limited
>privileges as an entry point, then the full ticket).
>
>However, the cw sub-bands would be retained (actually created so
>we don't get clobbered by the digital modes as they grow). The
>hams that know code can operate CW or not as they see fit. The
>no coders....some will learn the code on their own and join the
>fun on 14005.
>
>While I strongly support doing away with the code test, I most
>vehemently oppose any elimination of the CW mode and sub band
>accomodation for it. This only makes sense.
>
>Ramon, AL7X Nome, Alaska

A voice of sanity and reason comes from out of the wilderness.
I think you've struck exactly the right note of reason in this
debate. I can even go along with the idea of two license classes,
one with sharply reduced privileges, May I suggest a *power limit*
of less than 50 watts would be the appropriate differentiating
factor considering the FCC's recent actions?

I've also suggested before that CW exclusive sanctuaries will
be needed in the future to protect that mode from encroachment
by more modern methods. I think that too is an excellent way
to maintain a semblence of peace on the bands. As a start, I'd
suggest the current amateur Extra segments at the bottom of HF
bands would serve nicely as sancturary.

Eventually, I'd prefer that most arbitrary government limits
be removed from our usages of amateur spectrum. I'd like to
see amateurs themselves come up with bandplans which fit their
evolving needs. Perhaps this would be a suitable role for the
IARU to play. Government could still serve an enforcement role
under the "good amateur practice" clause of the regulations if

such enforcement action became necessary.

Gary
--
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4439. Re: SCREW THE CODE!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct5.135745.7039@ke4zv.atl.ga.us>
Source record: 215486

In article <32541DCA.4AE6@fontbonne.edu> mckinne <mmckinne@fontbonne.edu> writes:
>doesnt code carry better than am of same power?and isnt it just the thing
>for operation at rugged qrn/rm when you really need to get
>through??ka9emp

Indeed some codes do very well in comparison to analog AM voice. The
best ones are coherent uniform codes, such as trellis codes. And they
are most effective when the modulation used is also coherent and uniform,
such as PSK, MSK, or some other M-ary modulation. On Off Keying, OOK,
is about the worst possible modulation method for effective code
transmission, and codes with no error detection/correction features
are worse than codes which have them.

Even given that, however, OOK Morse can still often beat analog AM
voice under severe conditions, though that is highly dependent on
the skills of the operators involved. SSB and FM modulations also
handily beat AM under rough conditions. Fortunately, AM voice is
rarely used on amateur bands today, so the point is rather moot.

Gary
--
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4440. Re: Mast for vertical Yagi

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct5.140035.7122@ke4zv.atl.ga.us>
Source record: 215487

In article <5315b2$ajq@lex.zippo.com> gary@carcs1.wustl.edu writes:
>I'd like to put a 2-meter Yagi antenna on the roof of my house. I need
>to polarize it vertically. If I do that, I don't think I can use steel
>or aluminum masts, because they'll interfere with the operation of the Yagi.
>Am I correct? If I am, does anyone have any suggestions?
>
>- Gary KB0QGE

There will be some interaction, but it usually is not serious.
In some cases, such as circularly polarized satellite antennas,
the introduction of a metal mast into the antenna near field
does significantly disturb pattern circularity, and non-metallic
masts should be used instead. But for most uses, don't worry
about it.

Gary
--
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4441. IC-W31A or IC-W32A MODS?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: mikew@bayserve.net
Message-ID: <mikew-0510961638430001@port47.bayserve.net>
Source record: 215488

Anyone have any mods for the Icom IC-W32A or IC-W31A dual band HT?
I have searched the various archives at BARC, QRZ, Oakland, Buffalo, and
more with no luck. HELP!!!!

4442. Plate voltages

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: gbostick@luna
Message-ID: <536gk8$o4j@news.usf.edu>
Source record: 215489
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

In many of the HF amps for amateur radio there is a cw/ssb switch that changes the plate voltage from low on cw to high on ssb. I have read that this is to maintain efficiency at the different power inputs used. The high plate voltage makes sense, in that for a given power level a lower current would be required. To run at a lower voltage, thus requiring a higher current at a given power does not make sense. So, if you can run 1000W input with 2500V @ 400MA, what is the reason for lowering the voltage to 1700V and then having to push 588MA ? What is the criteria for selecting the lower voltage value?

This is an equal opportunity question open to all that would like to share their answers, as I am a bit weak in the hi pwr linear amp design department.

-gary
gbostick@luna.cas.usf.edu

4443. Re: When are Vanity callsigns open to General

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: wday@dfw.net
Message-ID: <wday-0510961620140001@ppp19.fortworth.dfw.net>
Source record: 215490

In article <325580C9.1E51@hp.com>, David Barnes <david_barnes@hp.com> wrote:

> I'm a general class with no relatives or other reason to lay claim to a
> previous callsign.
>
> When will I be able to apply for a vanity callsign?

The FCC has not announced when gate 3 or gate 4 applications will be
accepted. Keep watching and waiting.

73 Wayne KF5ZC

Wayne Day KF5ZC Fort Worth,Texas,USA kf5zc@amsat.org |
CompuServe: 76703,376 76703.376@CompuServe.Com | ,__o
wday@dfw.net |--_<,
Member: Bicycle Mobile Hams of America (*)/'(*)
For info on BMHA or the BIKEHAM mailing list: Finger KF5ZC@dfw.net
---

4444. ### PLEASE, I NEED YOUR HELP!!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: kleite@summer.com.br
Message-ID: <535f2l$aao@beta.pucpr.br>
Source record: 215491
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Dear Fellows,

A friend of mine has small business to repair computer and amateur
radio equipments.
By the way, he needs repair the OSCILLOSCOPE TEKTRONIX,
model 453-A and he would like to get service manual.
So, can you help him???? I hope so!
I hope hear from you and I thank you in advance!

Vy best 73 de PS7KM,

Karl Leite

ps7km@usa.net

Karl M Leite E-mails: kleite@summer.com.br
Rua Estacio de Sa 1838 ps7km@usa.net
59054-580 Natal, RN, Brasil Fone/Fax: 084-213-2933

*** Ham Radio PS7KM * I Collect LightHouse PostCards Around World ***

4445. New copy of license

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: Davis Straub <davis@halcyon.com>
Message-ID: <01bbb305$8a35a340$31111dcc@davis-p166>
Source record: 215492

My wallet was stolen with my license in it.

I've looked around the web for instructions on how to get a new one, but
didn't find anything.

Could you be so good as to point me in the right direction?

Thanks.

--
\\\^///
< ��� >
~

Notice the new address (davis@halcyon.com)

Davis Straub
co-author with Brian Livingston of "Windows 95 Secrets Gold," IDG Books,
Inc.
"Windows 95 Secrets ... is the Jaws of Life for Windows 95 users."
http://www.halcyon.com/davis/secrets.htm
Seattle, Washington

4446. Re: New copy of license

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: Davis Straub <davis@halcyon.com>
Message-ID: <01bbb306$57490700$31111dcc@davis-p166>
Source record: 215493

Oops, I found it.

LOST LICENSES

If you have lost your license, you can obtain a duplicate by
writing to: FCC, 1270 Fairfield Rd, Gettysburg PA
17325-7245; indicating that you lost your license and that
you are requesting that a replacement license be issued to
you. You may fax your request to FCC at 717-337-1541.
--
\\\^///
< ��� >
~

Notice the new address (davis@halcyon.com)

Davis Straub
co-author with Brian Livingston of "Windows 95 Secrets Gold," IDG Books,
Inc.
"Windows 95 Secrets ... is the Jaws of Life for Windows 95 users."
http://www.halcyon.com/davis/secrets.htm
Seattle, Washington

Davis Straub <davis@halcyon.com> wrote in article
<01bbb305$8a35a340$31111dcc@davis-p166>...
> My wallet was stolen with my license in it.
>
> I've looked around the web for instructions on how to get a new one, but
> didn't find anything.
>
> Could you be so good as to point me in the right direction?
>
> Thanks.
>
> --
> \\\^///
> **< ��� >**
> ~
>
> Notice the new address (davis@halcyon.com)
>
> Davis Straub
> co-author with Brian Livingston of "Windows 95 Secrets Gold," IDG Books,
> Inc.
> "Windows 95 Secrets ... is the Jaws of Life for Windows 95 users."

> http://www.halcyon.com/davis/secrets.htm
> Seattle, Washington
>

4447. 10-10 Web Site

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: "Scott A. Nelson" <scottnel@iw.net>
Message-ID: <3256F481.10A4@iw.net>
Source record: 215494

I used to have the address for the 10-10 club website, but I seem to have misplaced it. Anyone out there have it. Thanks.

73,

-- Scott -- KG0GD

4448. CFS & CFJ Murata ceramic filters

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: hi80@pipex.dial.com
Message-ID: <3256e419.3197544@newnews.dial.pipex.com>
Source record: 215495
Cross-posted to: alt.radio.scanner.uk,alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave,sci.electronics.repair,rec.radio.amateur.misc,rec.radio.amateur.homebrew

Does anyone know of a supplier of the full range of CFS or CFJ Murata filters, preferably in the UK? I know Cirkit sell them, but their range is limited; the narrowest one they sell is 1 khz, while I am looking for 300hz or 500hz. I would also like to find a supplier of Collins mechanical filters and Hy Q or similar crystal filters. Again, I know these are sold by manufacturers such as AOR or Kiwa, but they seem to rather more expensive than they should be, as they are sold as spares or accessories for their products.

I intend to replace some of the filters in my NRD535, so if anyone has the replacement Crystal filters for the 535 at a good price, I may be interested. I have a 1.8khz filter for the NRD that I would like to exchange for for the 300hz, 500hz or possibly the 1000hz.

Finally, I am looking for a design of a loop antenna similar to the KIWA MW loop. Unfortunately, I can't possibly afford the 350 UKP price of the KIWA, much as I would like to buy it, so building a similar design(balanced loop with DG Mosfet amplifier and bandwidth control) is the only alternative. Has anyone built a design by GF Maynard called the "WQ medium wave loop". This appeared in the UK "Shortwave magazine" in November 1986, and looks very impressive. However, the construction is VERY complex, so I would like to gather any opinions before starting on the project myself.

TIP FOR UK LOOP FANATICS:
Any experimenters with loops might like to know that ARGOS sells a product called a "TV Turntable" for around 7UKP, which is perfect for mounting a rotating loop, especially if it's completed project and a smart appearance is needed. AFAIK it is only available at ARGOS superstores. I have had difficulty in finding very wide diameter plastic pipe(12 to 24 inches) or something similar, again for loops. Any ideas?

Regards,

Joe Kirlew

4449. IPS Daily Report - 05 October 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <536qgr$qdl@flare.syd.ips.oz.au>
Source record: 215496
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 05/2330Z OCTOBER 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE AUSTRALIAN SPACE FORECAST CENTRE
SUMMARY FOR 05 OCTOBER AND FORECAST FOR 06 OCTOBER - 08 OCTOBER

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 69/3

GOES satellite data for 04 Oct
Daily Proton Fluence >1 MeV: 2.4E+06
Daily Proton Fluence >10 MeV: 1.7E+04
Daily Electron Fluence >2 MeV: 2.9E+07 (normal)
X-ray background: A1.3
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
06 Oct 07 Oct 08 Oct
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 06 Oct: 68/2

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Quiet

Estimated Indices : A K Observed A Index 04 Oct
Learmonth 5 2212 1122
Fredericksburg 5 6
Planetary 5 5

Observed Kp for 04 Oct: 2111 2221

2B. MAGNETIC FORECAST
Date Ap Conditions
06 Oct 7 Quiet
07 Oct 10 Unsettled
08 Oct 12 Unsettled
COMMENT: Recurrence suggests active conditions for 7-9 October
currently observations are unable to substantiate this.

3A. GLOBAL HF PROPAGATION SUMMARY

Latitude Band
Date Low Middle High
05 Oct Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
06 Oct Normal Normal Normal
07 Oct Normal Normal Fair
08 Oct Normal Normal Fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
05 Oct 1

Observed Australian Regional MUFs:
Darwin: No data.
Townsville: near to 10% below predicted monthly values.
Sydney: near predicted monthly values with spread F 9-19UT.
Hobart: 10% below predicted monthly values with spread F
10-19UT.

Predicted Monthly T index for October: 10

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
06 Oct 5 near predicted monthly values
07 Oct 0 about 10% below predicted monthly values
08 Oct 0 about 10% below predicted monthly values

--
IPS Radio and Space Services | email: asfc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/asfc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
tel: +61 2 94148300 | fax: +61 2 94148331

4450. NRD 535 crystal filters wanted /to exchange

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: hi80@pipex.dial.com
Message-ID: <3258ef84.6121785@newnews.dial.pipex.com>
Source record: 215497
Cross-posted to: alt.radio.scanner.uk,rec.radio.shortwave,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.swap,rec.radio.amateur.equipment

I intend to replace some of the filters in my NRD535, so if anyone has the replacement Crystal filters for the 535 at a good price, I may be interested. I also have a 1.8khz filter for the NRD that I would like to exchange for for the 300hz, 500hz or possibly the 1000hz, so if you have these, but are mainly interested in SSB, please contact by email

Also wanted, the Bandwidth Control Board for the NRD535.
I am in the UK.

Regards,

Joe Kirlew

4451. Antw: Re: Hopeless to run HF voice at 100 watts?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: hank@pop3.worldaccess.nl
Message-ID: <N.100696.002846.63@lwd1-9.worldaccess.nl>
Source record: 215498
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

```
In history it was written:
>
>
> Thanks to all who replied! Its good to know that is hope at 100 watts.
>
> I'll have to work in this, as it is quit hard being on the first floor
> and surrounded by neighbors on all sides and above. When my lease is
> up, I'll have to do some serious prospecting on a more suitable apartment.
>

Lucky us people of Holland (or if you prefer: The Netherlands), since our
powerlimit used to be 100 Watts, so no discussion neccesary.
Nowadays the limit has been raised to 400 Watts PEP.

----
+-----------------------------------+
| Henk |
| 'Hank Panthouse' |
| Broekhuizen |
+-----------------------------------+
| email: hank@worldaccess.nl |
+-----------------------------------+

+-----------------------------------+
| It's better to burn up, |
| than to fade away |
+-----------------------------------+
```

4452. Re: Digital VS. CW Testing

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <536vu2$j4r@lehi.kuentos.guam.net>
Source record: 215499

carl@ais.net (Carl Stevenson) wrote:

>Right ... by your own admission, later in your post (quoted below)
>*your* test was rigged so that you "could easily win" ...

Out of context, out of mind ? Don't forget I also said Gary 'could win
easily' as his test was also 'rigged'.

>>You obviously agree that I can make 500 contacts on CW much faster than
>>you can make 500 contacts on Pactor or Clover.

>I'm not sure you'd win this one in a monitored, judged environment Jim.

I'm not sure you've ever been on HF when you make statements like that.
But anyway, Gary and I are having a nice discussion, so let's not turn it
into an argument.

73, Jim KH2D
Don't Convince ME - Convince The FCC.

4453. Re: Please, folks...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: Patrick Cook <pcook@dimensional.com>
Message-ID: <Pine.SUN.3.95.961005201129.8614B-100000@nova.dimensional.com>
Source record: 215500

On 1 Oct 1996, Robert Bennett wrote:

> The motion to "End Discussion of Morse Code on r.r.a.m. " has been
> moved and seconded, All those in favor say "AYA"
>
> Bob - kg0rj
>
>
> In <325194AD.334D@starpoint.net> Mark Brown <kb0pyo@starpoint.net>
> writes:
> >
> >Derek Wills wrote:
> >> Please take the Morse code discussions back to r.r.a.policy,
> that's
> >
> >I second the motion, anybody else tired of this being cross posted?

In light of MARS' announcement to drop all CW nets, I would have to say
"AYA!" too.

Patrick Cook, KB0OXD
Denver, Colorado

4454. Re: New copy of license

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: Dick Flanagan <dick@merlin.libelle.com>
Message-ID: <32571C9E.691E@merlin.libelle.com>
Source record: 215501

Davis Straub wrote:
>
> My wallet was stolen with my license in it.
>
> I've looked around the web for instructions on how to get a new one, but
> didn't find anything.

Write a letter to the FCC, 1270 Fairfield Rd, Gettysburg, PA 17325-7245,
requesting a new one. Tell them what happened to the old one. No pain,
no strain, no cost.

(FCC R&R 97.29)
--
Dick Flanagan W6OLD CFII (dick@merlin.libelle.com) Minden, Nevada

4455. Re: What the big guys think of hams.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: Patrick Cook <pcook@dimensional.com>
Message-ID: <Pine.SUN.3.95.961005202135.8614D-200000@nova.dimensional.com>
Source record: 215502
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

On Sat, 5 Oct 1996, Burt Fisher wrote:

> -
>

Burt, first of all, you are a genius. To make the text of your message an attachment instead of a plainly viewable message, that truly shows your colors.

I especially *LOVED* the part about hams NOT doing the public any good in emergency situations anymore.

YO BURT!!! REALITY!!! Ham Radio is MUCH more effective in emergency situations than cellular telephones. But then of course, living up there in the NE area, you wouldn't know ANYTHING about this, would you???

Of course not.

Afterall, the closest you've ever gotten is some hurricane that just happened to cut an almost due west path across the Atlantic Ocean on the border of warm and cold waters.

Real thrilling. What a real emergency THAT one was.

Truth be known, Burt: You know ABSOLUTELY *NOTHING* about emergency communications. In fact, I'll go so far as to PUBLICALLY *ADMIT* that I don't either.

And to think you call yourself a "real ham".

I'll admit it. I'm still a no-code techie. But given what you said in the attached message, almost ANYONE (short of a complete newbie) knows a heck of a lot more than you do.

Also, what's this about "real hams" not being productive???

YO BURT!!! REALITY!!!

There are MANY hams who work for a living. There are even husbands and wives who communicate with each other via 2 meters and 440 EVERY DAY!!! And to go even one step further, there are KIDS (remember them??) who GO TO *SCHOOL* with their HT's!!!!! In fact Colorado happens to be the home of the BARC Jr. club, which is sponsored by the Boulder ARC!!!

Did you also know that an 11-year old from Ohio talked with NASA Astronauts in the STS-79 mission this past week as everyone from the town mayor to representatives of the Ohio Legislature were present. (Yes, television was also there -- NINEFOLD!!!).

So much for the validity of the comments YOU made in the attached message and what credibility your words had here in r.r.a.m., Burt. Hope you're happy now!!

You still want to write to congress IN FAVOR of the Little Leos NOW, Burt???? If so, I think you'll find yourself a VERY lonely person....

And that leads me to this, Burt: If you HATE the hobby as much you have expressed, then why not just sell your equipment and turn in your license??? That would make things so much simpler, and we wouldn't have to hear your &^$#&(&*%$@# bellyaching!!!!!!!

Patrick Cook, KB0OXD
Denver, Colorado
pcook@dimensional.com

From k1oik@ccsnet.com Sat Oct 5 20:19:28 1996
Date: Sat, 05 Oct 1996 09:20:21 -0400
From: Burt Fisher <k1oik@ccsnet.com>
Newsgroups: rec.radio.amateur.misc, rec.radio.amateur.policy
Subject: What the big guys think of hams.

-

[Part 2, Text/PLAIN 45 lines]
[Unable to print this part]

4456. Re: info on connecting microreader to PC please

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct5.180731.7939@ke4zv.atl.ga.us>
Source record: 215503

In article <5351lq$ola@dub-news-svc-5.compuserve.com> 100735.2576@compuserve.com (John Hazeltine) writes:
>Hi all,
>
>A freind has just bought a PC to use for viewing the output of his ERA
>Microreader (which is attached to a Lowe HF-225). The ERA manual
>explains how to connect the 2 using a 2 wire cable to the serial port
>of the PC, but doesn't tell us if any special software is required ??.
>We have tried to use windows terminal to "receive a text file" but
>nothing happens. ANY advice would be greatly appreciated (I have
>been voluntered for the job of sorting it out for him, but I only
>understand the PC side & not the radio kit).

Open Hyperterminal for direct connection. Click on properties
in Hyperterminal, choose configure, and change flow control to
none. You have to do this with a 2 wire interface or you'll
receive nothing. Next set the baud, number of data bits, parity,
and number of stop bits to what the Microreader uses. (If you don't
know what these should be, experiment until you get readable text.)

That should be all there is to it.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4457. Re: Kenwood HF radios in Truck Stops?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: Patrick Cook <pcook@dimensional.com>
Message-ID: <Pine.SUN.3.95.961005205317.8614F-100000@nova.dimensional.com>
Source record: 215504

Hi John:

On 5 Oct 1996, John Mitchell wrote:

> >AN IMPORTANT POLICY ANNOUNCEMENT FROM KENWOOD
> >
> >
> >Over the past several months, QST has reported that Kenwood is selling our
> >Amateur products to CB stores and Truck Stops. We want to make it clear
> >that this is just not true....
> >The decision was made to use well known established distributors
> >who could sell radios to those businesses. Our distributors were carefully
> >selected and interviewed. Some were selling Amateur related products and
> >accessories. All these distributors understand their responsibilities in
> >regards to the sale of Amateur products for licensed use only.
>
> What a bunch of specious crappola. As we all know, "well known established
> distributors" already sell all the radios they can to Amateur Radio Stores.
> As far as "Amateur-related products and accessories" I can only think of
> one business that is well known - Rat Shack. Rat Shack will sell a 10 meter
> or 2 meter transceiver to anything that comes through the door. I can't
> imagine any other vendor, other than truck stores and CB shops. I guess
> in Kenwood's mind, as long as you can by coax with 70 per cent shield, then
> it's a ham store.

I agree with you 100% here. It's bad enough we have unsavory folks
walking into Radio Shack and walking out with what they have been told
(or what the salesman thinks) is a WALKIE-TALKIE when, in fact we all know
that the HTX-202 and 404 are BOTH Ham Radio HT's!!!

Can you say BOOTLEGGER a thousand times over????? I can, but I'm afraid I
might lose count and/or my breath!!!

> This "Policy Announcement" confirms my worst suspicions. They are not only
> doing what we suspect, they are crafting such lies as this to try to excuse
> themselves. This is one prong of a multi-tier effort to finish the job of
> turning ham radio into a commercial success at the expense of everything
> that has made it a great avocation. The other big prong is the no-code
> initiative.

And couple that with these wild, crazy, and insane ideas of making ham
licenses EVEN EASIER to obtain, and we're talking about 11 meters all
over again (only FIFTEENFOLD).

Just my humble opinion..... :-)

Patrick Cook, KB0OXD
Denver, Colorado
pcook@dimensional.com

4458. Re: New copy of license

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: Patrick Cook <pcook@dimensional.com>
Message-ID: <Pine.SUN.3.95.961005210612.8614G-100000@nova.dimensional.com>
Source record: 215505

On 5 Oct 1996, Davis Straub wrote:

> My wallet was stolen with my license in it.
>
> I've looked around the web for instructions on how to get a new one, but
> didn't find anything.
>
> Could you be so good as to point me in the right direction?

Have you tried submitting a Form 610 with the explaination that your
license was stolen??? Do you still have the wall section??? If so,
one would think that Xeroxing that and a 610 should do the trick.

Dunno if it can be done online though.

Hope this helps.....

Patrick Cook, KB0OXD
Denver, Colorado
pcook@dimensional.com

P.S.: A photocopy of the wallet section of your license IS just as valid
as the real thing. Just an FYI for future reference. :-)

4459. UHF Equipment Needed!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: scott.mcquilkin@hal.apk.net
Message-ID: <HAM_MISC.3701@hal.apk.net>
Source record: 215553

<> Attention Hams!

USED or ReConditioned Portable and Mobile Tranceiver Radios WANTED!!!

PORTABLE: 5w, 2chnl (min), Tone Card, Antenna (Extendable/Rubber)
2 Battery Pack(s), 1-Charging Unit.

MOBILE: 25w, 2chnl (min), Tone Card, Antenna (Magnetic/RoofMount),

Unit(s) should be programable or crystallable for the 460mhz range.
- They should also include Cigarette Plug Adapter(s).

We are Offering up to $150.00 for each of these unit(s).

Anyone in LEGAL possession of this equipment should call the office
and discuss your terms with them.

... -=[Gray Investigation Agency * Cleveland, Ohio @ [216] 333-7111]=-

---
• Blue Wave/QWK v2.20 [NR] •

4460. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <536ftm$lki@news.Hawaii.Edu>
Source record: 215554

Gary Coffman <gary@ke4zv.atl.ga.us> wrote:

``A test sounds like a good idea, Jim. But the contentless contacts...''

(Remember the phrase "contentless contacts", gang...)

``you suggest smell like Dx gaming to me. The purpose of communications
is to communicate, so I suggest we have something to say. Some of
my digital operator friends and I chirped this test idea over on the
air after I shared your message with them. We agreed that what we
need is some standard text to exchange for the test.

``So, after a bit of debate, we decided that we'd just use this message
that you're reading now, verbatim, including the RFC822 header and the
sig, as the test message. What we propose is that I will contact as many
amateurs in as many ITU countries as possible via digital modes, pass this
message to them, and ask them to mail it to their nation's telecommunication
authority responsible for WRC-99 planning. You do the same via CW.

``I agreed to mail a copy of the message to each administration with a
cover letter so that they would have a check text to compare with the
copies received from amateurs in their countries. This will allow
them to see how efficiently and accurately their nation's amateurs
can handle messages with greater than trivial content using various
text transmission methods. Each forwarding amateur should note below
the sig of the message the time, date, and mode used to receive the
message.

``If you are agreeable to this test, I propose that it start on November
1, 1996 and run through November 30, 1996. We'll let the world's
telecommunications regulators be the judges of the test. I know there
are amateurs with digital capability in at least 200 ITU countries,
because I've worked that many. I assume that there are amateurs with
Morse capability in all ITU countries. That gives you an edge. Lets
see what you can make of it. Remember, the message must be delivered
verbatim to count.''

I looked for content - any content - in the above and found none. In
wanting to send the above digitally, you've proven the point I've brought
up before - that the digital modes only encourage hams to write long-
winded stuff that few will ever take the time to read.

I would much rather receive a greeting from someone, telling me about
their rig and antenna than receive what you've written.

You want to sent a large file because you know you'd lose otherwise.
500 CW contacts could be gotten in just one weekend with no sweat.
Heck, I'd collect 500 WX reports from ships via CW each day while in
the Coast Guard (WX observations are taken and passed to shore stations
by every ship worldwide every 6 hours). And a WX OBS certainly has
more content than what you're proposing to pass.

Jeffrey KH2PZ / KH6
Mathematics, sailing, chess, piano, ham radio, ocean diving

4461. Re: Suffixes to amateur call signs

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-05 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <536hc4$mnv@news.Hawaii.Edu>
Source record: 215555

Anthony R. Gold <tgold@panix.com> wrote:
>he was at home he would sign KH2D in California, it would be KH2D/6
>when travelling near to his new home and KH2D/2 when visiting his old
>haunts.

You've made a grave but common error, Tony. Guam in not in the 2nd
call district. In your example, Jim would be operating up in New
England, not Guam.

73 from Hawaii (the 13th call area, not the 6th),
Jeff KH2PZ / KH6

4462. Conar transceiver 452, 2m??

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: wyseguy@flinet.com
Message-ID: <01bbb33a$b7845a00$29da66ce@wyseguy.flinet.com>
Source record: 215306

Conar transceiver model 452
Does anyone know anything about this unit, aprox. manufacture date,
operation manual, watts out, freq. range, schematic diag. ?

Would Appreciate the help, willing to pay for copying cost and mailing if
avail. please e-mail reply to:
Dan Jaume KF4LOO
wyseguy@flinet.com

4463. Re: ARRL Elections a Sham, AGAIN!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: "William C. (Bill) Wells" <WA8HSU@netusa1.net>
Message-ID: <3257AE08.10D7@netusa1.net>
Source record: 215307

Tuck Miller wrote:
>
> William C. (Bill) Wells wrote:
> >
> > Gentlemen:
> >
> >The only name on the ballot was that of
> > the incumbent. This is not because other candidates did not present
> > themselves, though!
> >
> > There was at least one other candidate that I know of who had the
> > required number of signatures on a petition who outwardly, at least,
> > fulfilled all the requirements to run in the election. But, since his
> > politics did not pass muster, the headquarters staff found some arcane
> > rule which barred his running in the election.
> >
> >
> > At least for Central Division Vice-director there was a choice
> > presented. I voted for the challenger, not because I know him to be a
> > great guy or well qualified but because he is the challenger.
> >
>
> Of course you have the right to vote for whomever you wish, but do you
> really think that is really smart? I am sure you are a very intelligent
> person. Voting for someone just because they are challenging the
> incumbent, well that could be dangerous....
>
> > We NEED to vote out ALL incumbents and continue to do so in EVERY
> > election until these guys all know that they serve us and not the other
> > way around and that politics as usual is no longer acceptable.
> > Once again Bill, I do not understand your reasoning here. If you have a
> bad apple in your area, why dump the whole barrel. You have folks who
> work very hard for the radio service, and who are deserving of election
> and or re-election. Sounds to me like throwing the baby out with the bath
> water.
>
> > 73, Bill Wells - WA8HSU - ARRL Member # 1233411
> > wa8hsu@netusa1.net
>
> Bill, I am sorry, but I do think you are a bit mistaken. I ran for
> Section Manager in the San Diego Section section against the incumbent,
> did not win this time, but it has not discouraged me. I was on the
> ballot. You mentioned that the League found some rule or something that
> precluded him from being on the ballot, maybe I missed what it was. Did

> you mention what the rule was. It is very simple, at least for Section
> manager.... you must have a petition with at least 10 league members, and
> file it on time. That should be it....
> Maybe there was a slight descrepancy in this procedure. As one who has
> been a part of this process, I do not feel it is a sham..
>
> 73,
>
> Tuck, KC6ZEC

Tuck:

The candidate who we in the Central Division were denied the opportunity to vote for by Mr. Sumner is Mr. Henry Ruh, the publisher of Amateur Television Quarterly Magazine. He is very well qualified for the office of Division Director. The "sin" which Mr. Ruh committed which prevented us from having the opportunity to vote for the much needed change was that he "made money off or Amateur Radio through his magazine."

Actually, in his best year, Mr. Ruh only reported a net operating loss of about $12.00 on his Federal Income Tax from the magazine which is not really a business meant as a money maker but is rather a labor of love designed only to be self supporting. Mr. Ruh even offered to sell the Magazine if he would be allowed to run for office.

I am copying this message to Mr. Ruh's Email address in the hope that he will chime in here and provide all the straight poop, from the horse's mouth so to speak, for the benefit of the newsgroup and Amateur Radio.

73, Bill - WA8HSU

4464. Re: ARRL Elections a Sham, AGAIN!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: "William C. (Bill) Wells" <WA8HSU@netusa1.net>
Message-ID: <3258398E.D12@netusa1.net>
Source record: 215308

Tuck Miller wrote:
>
> William C. (Bill) Wells wrote:
> >
> > Gentlemen:
> >
> >The only name on the ballot was that of
> > the incumbent. This is not because other candidates did not present
> > themselves, though!
> >
> > There was at least one other candidate that I know of who had the
> > required number of signatures on a petition who outwardly, at least,
> > fulfilled all the requirements to run in the election. But, since his
> > politics did not pass muster, the headquarters staff found some arcane
> > rule which barred his running in the election.
> >
> >
> > At least for Central Division Vice-director there was a choice
> > presented. I voted for the challenger, not because I know him to be a
> > great guy or well qualified but because he is the challenger.
> >
>
> Of course you have the right to vote for whomever you wish, but do you
> really think that is really smart? I am sure you are a very intelligent
> person. Voting for someone just because they are challenging the
> incumbent, well that could be dangerous....
>
> > We NEED to vote out ALL incumbents and continue to do so in EVERY
> > election until these guys all know that they serve us and not the other
> > way around and that politics as usual is no longer acceptable.
> > Once again Bill, I do not understand your reasoning here. If you have a
> bad apple in your area, why dump the whole barrel. You have folks who
> work very hard for the radio service, and who are deserving of election
> and or re-election. Sounds to me like throwing the baby out with the bath
> water.
>
> > 73, Bill Wells - WA8HSU - ARRL Member # 1233411
> > wa8hsu@netusa1.net
>
> Bill, I am sorry, but I do think you are a bit mistaken. I ran for
> Section Manager in the San Diego Section section against the incumbent,
> did not win this time, but it has not discouraged me. I was on the
> ballot. You mentioned that the League found some rule or something that
> precluded him from being on the ballot, maybe I missed what it was. Did

> you mention what the rule was. It is very simple, at least for Section
> manager.... you must have a petition with at least 10 league members, and
> file it on time. That should be it....
> Maybe there was a slight descrepancy in this procedure. As one who has
> been a part of this process, I do not feel it is a sham..
>
> 73,
>
> Tuck, KC6ZEC

Subject:
Re: ARRL Election a Sham, AGAIN!
Date:
Mon, 7 Oct 1996 11:14:18 -0400
From:
ATVQ@aol.com
To:
WA8HSU@netusa1.net

Be it known by all presents....oh, wrong speech.
I, Henry Ruh KB9FO did secure the sacred crest embossed ARRL affidavits, to
run for the office of Director. Ten signatures were required, 19 were on the
petition to run for office. It was sent by FEd Ex and arrived at ARRL HQ. I
received both a FAX and a PERSONAL PHONE CALL from Dave Sumner, K1ZZ
acknowledgint that my petition had been received and was timely.

The petition to run for office was disqualified because even though at the
time it was filed I had a buyer for ATVQ, the sale was not completed although
at the time it was expected to be completed by Oct 1., well in advance of the
actual election.

ATVQ in its most recent year had a gross income of about $26,000 and a
taxable net loss of $29. (in other words I run it as a break even/self
sustaining effort with no pocketable/taxable profit, I have nothing against
profit, I just didn't make any!)

Mr. Sumner called the friday of the deadline to inquire about, and was sent
by fax, the pertinent details of the pending sale.

In a letter received a few days leter, Mr. Sumner explained that my petition
to run was disqualified due to conflict of interest (the magazine business)
and their rules do not allow for any commercial interests in anything

related
to ham radio in order to qualify to run for office. In other words, no
one
who works or ownes a ham related business (one would think the people
most
interested in the success of ham radio) can run for office unless they
first
divest themselves of any such interst.

This automatically means only retired people, jobless people, (at least
nojob
in ham radio) can run for office to run the only ham radio
organization.

Hey, its their rule not mine! I would choose the people who have the
best
interests of ham radio, those who depend on its success to remain
successful,
to run the shop. Its like refusing to hire Mario Andretti as a mechanic
because he works asd a race car driver and therefore must have a
conflict of
interest, since he might not want someone's street car to be able to be
go
faster than his does on the race course!

73

Henry

4465. Ramon, Fix Your Software

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <53713s$k06@lehi.kuentos.guam.net>
Source record: 215309

Ramon,
I can't answer email you send me because:

Return-Path: <rfg.at.nome.dot.net@to.keep.spam.out>
Date: Sat, 05 Oct 1996 16:36:17 -0800
From: Ramon Gandia <rfg.at.nome.dot.net@to.keep.spam.out>
Reply-To: rfg.at.nome.dot.net@no, .spam.please@nome.net

doesn't seem to be a good email address.

73, Jim KH2D

4466. Re: Plate voltages

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: Robert Morris <robrk@fyi.net>
Message-ID: <32572CE5.42A@fyi.net>
Source record: 215310
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Wish I knew wrote:
>
> In many of the HF amps for amateur radio there is a cw/ssb switch that
> changes the plate voltage from low on cw to high on ssb. I have read that
> this is to maintain efficiency at the different power inputs used. The
> high plate voltage makes sense, in that for a given power level a lower
> current would be required. To run at a lower voltage, thus requiring a
> higher current at a given power does not make sense. So, if you can run
> 1000W input with 2500V @ 400MA, what is the reason for lowering the
> voltage to 1700V and then having to push 588MA ? What is the criteria for
> selecting the lower voltage value?
>
> This is an equal opportunity question open to all that would like to share
> their answers, as I am a bit weak in the hi pwr linear amp design
> department.
>
> -gary
> gbostick@luna.cas.usf.eduIn the pre 1500W out days...effort was made so that you would
run 1000 in on cw and in order to run 2kw "PEP" and keep the
plate impedance/efficiency the same, plate voltage was switched.
I don't think you would tune for the 588ma, but some lower number
that would give the same plate load impedance. I think most
tubes like the higher volts.which makes the amp easier to
drive with lower grid current, ssb or cw... Leave the switch
in ssb for all modes.

4467. Re: Plate voltages

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: <>
Message-ID: <537840$1hcc@news-s01.ca.us.ibm.net>
Source record: 215311
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

In <536gk8$o4j@news.usf.edu>, gbostick@luna (Wish I knew) writes:
>In many of the HF amps for amateur radio there is a cw/ssb switch that
>changes the plate voltage from low on cw to high on ssb. I have read that
>this is to maintain efficiency at the different power inputs used. The
>high plate voltage makes sense, in that for a given power level a lower
>current would be required. To run at a lower voltage, thus requiring a
>higher current at a given power does not make sense. So, if you can run
>1000W input with 2500V @ 400MA, what is the reason for lowering the
>voltage to 1700V and then having to push 588MA ? What is the criteria for
>selecting the lower voltage value?
>
>This is an equal opportunity question open to all that would like to share
>their answers, as I am a bit weak in the hi pwr linear amp design
>department.
>
>-gary
>gbostick@luna.cas.usf.edu

Hi,

It changes the operating point of the tube, like class A, AB, B, C. In CW you typically run class C. It's a point on the characteristic curve of the tube that dictates how much plate current flows with a certain level of bias. (grid voltage) Go with the higher voltage, and tune the plate to keep within the legal limit. Most tubes drive easier with a higher plate voltage. Go to your local library or maybe some local old timer may have the Eimac 'Care and Feeding of Power Grid Tubes'. It does a great job of explaining the whole deal with load lines, impedances, and all. They're not too tough to understand. Only the Gate 2 Vanity Call operation is beyond comprehension. Cheers!

Jim - WD9AHF

4468. DR-150T mods please!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: dorje@mint.net
Message-ID: <325724d6.93364539@news.mint.net>
Source record: 215312

Please EMail me with any mods you know of for the Alinco DR-150T.
Thanx
Chuck WA1IIE
dorje@mint.net

4469. Re: Antw: Re: Hopeless to run HF voice at 100 watts?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: rdcole@usa.pipeline.com
Message-ID: <5377b6$f73@news2.h1.usa.pipeline.com>
Source record: 215313
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

>> I'll have to work in this, as it is quit hard being on the first floor
>> and surrounded by neighbors on all sides and above. When my lease is
>> up, I'll have to do some serious prospecting on a more suitable apartment.
>>

The prefer to invest in a better antenna than more power. I have been
and will continue to be a Quad Man.

Ron

4470. Re: HF Amateur Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <537cuo$ljm@lehi.kuentos.guam.net>
Source record: 215314
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Well said, Jimmy. But be careful, you know we are trying to keep all this
fun a secret and keep it to ourselves. Wouldn't want all these other guys
to start learning CW just to get in on the action......

73, Jim KH2D

"Jim Reid" <jreid@aloha.net> wrote:

>There has been much posted about data through put rates,
>capacity, efficiency, etc on these newsgroups of late,
>mostly to point up the antiquity surrounding CW! However,
>much has been implied that these other alternative, modern,
>though not new techniques are better.

>Well then, to what purpose have radio amateurs used the
>HF bands, that is up to 30 mHz?

>Since the most early days of the hobby, the thrill of THE CONTACT
>has been the lure of HF; certainly not quantity nor "quality" of data,
>other than the essentials to be sure a real contact had occured. This
>was also true for Marconi, Tesla and Hertz--did he hear me, and I DID
>hear him and responded.

>That is the entire point of the QRP branch of the HF hobby: can I make
>the contact! That is all that is looked for, nearly exclusively on the
>very difficult to operate 160 meter band!! Can I hear anyone tonight,
>and if I do, can I make a contact with him/her? That is the fun of
>160 meter hamming.

>Contesting -- the bane to many on contest weekends, but on those
>weekends absolutely several thousand HF amateurs, all over the world,
>on every continent and in well over 100 REAL countires are on the air
>for 48 hours straight. Why: to make as many CONTACTS with as
>many others, in as many different places, contintents and countries
>as they possibly can. Expense is NOT an issue with many Super
>Station Big Gun owners. As much money goes into these stations as
>does any stable of Ferrari racing equipment, perhaps more. There is
>one contest station in the upper Midwest with 42, count them, 42
>antenna towers!! Stacks of monoband arrays, multiplt rig setups,
>computer networks to every tower, rig and operaor position, etc, etc.
>Why, to make a few thousand contacts at a rate of up to 300 per
>hour on a given band by a given position operator at peak band
>condition times. And they need skill, loads of band propogation smarts
>experience, and the very BEST of equipment to do it. Why? to show
>they made more contacts to more places than anyone else on the

>planet during those 48 hours; it causes there adrenalin to flow
>greatly for all those hours, and creates a great high!!

>Someone posted the opinion that the Old Farts were just interested in
>collecting postcards (QSL's). They do give assurance of THE CONTACT.
>These cards are useful to the individual on a day/night when the HF
>bands are dead or too noisy. Then one can look through the stack,
>and relive the QSO or contact, brief as it might have been, but perhaps
>very tough to have gotten through! Or, mine make a very decroative
>blanket of wall covering! Quite colorful many, and does impress
>visitors, if they happen to give a hoot about my hobby!

>Secondarily, the HF bands are a meeting place for old friends, and
>a casual, very casual, conversation with a stranger, who just might
>become a new friend. These occur on both SSB and CW modes every
>day, and night.

>So until the HF band amateur discovers another way to really have
>lots of fun, they way it has been since the beginning of amateur radio.
>I suspect they will continue having fun the old way. RTTY has been
>gaining in popularity the last several years, not because of a great
>data rate, which it isn't, but it does allow a lot of contacts with a lot
>of people, all over the world, especially on RTTY contest weekends.
>Might say RTTY has been discovered as another way to really
>have some fun on HF. Of course it grew out of an earlier brach of
>the hobby which was connecting up the old Western Union and AP
>mechanical RTTY gear to the HF rig! Now that was fun; even have
>a couple of those out here in Hawaii (did someone post that this
>might be the "armpit" of the Pacific, well maybe some places in
>the wrong part of town in Honolulu, but NOT on rural, calm, beautiful,
>green, garden island of Kauai!!).

>So, most of the arguments being posted on these reflectors are not
>that meaningful to todays really active HF band amateur. He is already
>having a lot of fun, the old way.

>Notice, I have said nothing about technical training, emergency service,
>etc. in this piece. However, my station did save the ship Sea Harvest
>from being taken over by Cuba or Caribean Pirates one very stormy
>June night in 1992. The only signal the ship captain could cause to
>pay any attention that night was not on the marine bands, but he
>came up into the 20 meter SSB band, 14245 actually, and yelled
>at me until he got my attention!!

>For reasons known only to the God of propogation, my signal was
>the ONLY signal he could find with his on-ship gear!

> We were in QSO from here on Kauai
>with some guys back in the Carolinas; they could not here the ship
>which was obviously much closer to them than to Hawaii, peculiarity
>of 20 meter skip. But they did land line the Coast Guard, and my station
>acted as the relay for instructions. Is a very long story and has been

>written up in both the W5YI Report(July 1, 1992) and QST (March 1993).
>So real HF amateurs have, upon occasion, been of real, life saving
>benefit to someone in real trouble!!

>Just being on the band with good equipment, a bit of wisdom, and a
>willingness to jump in and spend a few hours helping someone in trouble
>is also a part of the spirit of HF band hamming. High speed data gear,
>spread spectrum, etc., would have been useless in the emergency
>situation above. And talk about the HIGH experienced by yours truly
>as a result of that encounter!

>So until you guys can make it obvious to a bunch of us that there
>is really a lot of fun and adventure to be had using your newer modes,
>we old farts will go on doing it the old, lots of fun way. I grew up in
>a time when our first radio was "powered" by a galena crystal; a type
>01A nand 30 were the first triodes I fooled with. But I was educated at
>University in microwaves, started out building TWTs, later on it was
>silicon bipolar interdigital transistors, and at the end of my prof
>career,
>Gallium Arsenide FETS with sub-micron geometries--but it was all
>for analog transmission/detection modes. Well,did have a bit of time
>with a QPSK rig: one could connect a telephone company T1 line
>to the input, and out came the digital, sort of spread spectrum signal
>on the 2gHz common carrier band; but that was the peak of my career
>in newer modulation methods.

>So far as I know, the only places on the HF bands where anybody
>cares about data through put rates are the few packet type links up
>around 14100 on 20 meters, and these are "closed", coded protected
>BBS links, not open for casual QSO'ing.

>So again, until the nature of what goes on within the HF amateur
>bands changes, I suspect the modes in use will not see much
>change. What we need now are sunspots to make the propogation
>God smile on these bands once again; that way we can operate
>more hours per day trying to throw our signals to the other side of
>the planet on as many of the nine HF bands as we possibly can!
>That is what is fun!!

>73, Jim, AH6NB

4471. Re: What the big guys think of hams.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: bdbennet@ix.netcom.com
Message-ID: <537crc$8pj@dfw-ixnews8.ix.netcom.com>
Source record: 215315
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

FLAME!!!! ???? Who gives a rats behind what you think???
Let's see, I could go out and buy a commercial radio and operate
without any license. Who checks those??

Bob KG0RJ

In <32566095.7953@ccsnet.com> Burt Fisher <k1oik@ccsnet.com> writes:
>
>This is a multi-part message in MIME format.
>
>--------------432048D015A3
>Content-Type: text/plain; charset=us-ascii
>Content-Transfer-Encoding: 7bit
>
>-
>
>--------------432048D015A3
>Content-Type: text/plain; charset=us-ascii; name="Hamstore"
>Content-Transfer-Encoding: 7bit
>Content-Disposition: inline; filename="Hamstore"
>
>
>From:
>
> Dennis A. Mason
> damason@uswc.uswest.com
>
>
>(I agree with every word, but he was too mild-Burt K1OIK).
>
> You ham radio ops are a bunch of cheap skates. You're always trying
to
> screw us commercial dealers out of a radio or repeater for some
stupid
> project of your own. Most of your repeaters are all closed and are
> absolutely worthless for emergency use. You all claim to be such a
big
> help in emergencies. WELL YOU'RE NOT!!! Hams can't and don't
contribute
> anything to disaster relief any more.
>
> All you do is whine and moan about how much a piece od commercial
> equipment costs. Well that isn't entirely true. You do go to hamfests
> and whine and moan to vendors about how much their equipment costs as

> well. You idiots have absolutely no idea what goes into the design
> production and marketing of any piece of gear, commercial or not. I
> truely feel sorry for any poor bastard that relies on making a living
from
> you cheap SOB's.
>
> Why not give us legitimate commercial interests your VHF, UHF and SHF
> spectrum so that we can do something useful for mankind instead of
letting
> a bunch of retired has beens have access to billions of dollars of
> spectrum for nothing more than comparing prostate troubles during the
day
> when the rest of humanity is doing something useful... like working
for a
> living.
>
> I'm sure to get some flame mail over this so I might as well make it
> good... You guys are worse than CBers. All you do is bitch about code
> requirements and how hard the tests are to get a license. Well I got
news
> for you. You hams should be relegated to about 400 KHZ of spectrum in
> the 20 meter band. It should be allocated into 40 distinct channels
10
> KHX apart. Maximum power 5 watts ERP. All testing and call signs
should
> be revoked and every 18 wheeler should have a mass production, $50 20
> meter ham rig installed. Then I suppose you all could bitch about
paying
> a whole $50 to whoever is desperate enough to get into that
> market.
>
> 73zzzzz good buddies>>>
>
>

4472. Re: S1 sealand

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: cphillips@pobox.com
Message-ID: <537fll$l7k@redstone.interpath.net>
Source record: 215316
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.misc,rec.radio.amateur.dx

morice stephane <smorice@MICRONET.FR> wrote:

>(sorry for bad english ...) I'm trying to get some infos about
>principalty of sealand which have unofficial ham call-sign S1. sealand is
>located in international waters near UK and it is a man made island,
>which was build during WWII, it's now an unofficial country.

One of the ham radio magazines in the United States called "73 Magazine"
carried an article on Sealand about 10 years ago. This article included
pictures and a history of the "country". I haven't heard anything about it
since then.

If you can find someone with a library of back issues of "73", perhaps
you can look it up. I'd say the issue was between 1983 and 1987.
Maybe someone in the amateur newsgroups (I'm crossposting this to a couple
of likely sources) knows the exact issue.

======== Opinions expressed are solely those of the author =========
Curt Phillips, CEM KD4YU (ex-WB4LHI)| "I don't want to achieve
Chairman, Tar Heel Scanner/SWL Group| immortality through my work.
ARRL Life; QCWA; Raleigh ARS; NRA | I want to achieve it through
Energy/Recycling BBS 704-547-3114 | NOT DYING." -- Woody Allen
==== cphillips@pobox.com == [Copyright 1996 All rights reserved]====

4473. Re: Vanity Call Delay.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: conklin@forbin.com
Message-ID: <325744e7.87097838@news.uni.edu>
Source record: 215317

On Sat, 05 Oct 1996 23:49:55 -0400, "T.J. Alessi" <Tom@Alessi.Com>
wrote:

>I just read the ARRL Bulletin regarding a possible 4 to 5 week
>delay in processing Day-1 applications due to lack of personnel
>to do data entry... Hmmmmm? I bet I can find, oh say, 4500 people
>who would enter at least one each for free! =)

Let's see: 4500 on the first day, at $30 a pop = $135,000.
Figure the average governmental key-puncher in Gettysburg makes under
$30,000 a year - the *FIRST DAY* of gate 2 should pay the salary of 4
new employees for the next 365 days.

Let us be generous and give them 2 minutes to enter each application
very carefully - this means the 4 employees should do 960
applications in an 8 hour work day. This means that all of the 4500
+/- applications received on 9/23 should have been completed no later
than Monday 9/30.

Seems to me, there are not enough people entering forms, or they are
trying their damnest to convince me that all government workers are
lazy non-productive slags (which they are not).

Mind you- my 4 employee estimate assumes a full year's employment,
when they could certainly justify getting some temp clericals for 2
months- lets say $15 an hour to be really generous - assuming 40 hour
work weeks, 8 weeks total - this would afford 28 employees.

Seems to me our $30 isn't buying much in the way of "administrative
burden support."

Oh well- at least the basic license in the US is still free (for now
at least......)
Chris Conklin, Amateur Radio: N0PAV
444.65mhz, PL 136.5 -- Cedar Falls IA
Home: 319-266-2761, pager: 319-235-8328

4474. Re: Digital/Analog HF Receiver Design

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: keinanen@sci.fi
Message-ID: <537o0d$973@tron.sci.fi>
Source record: 215318

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>Oh, I see what you're doing. The A/D doesn't respond directly to
>signal power. It responds to signal current. So the proper ratio
>is 20*log(2^16)=96.33 db. That's the maximum possible ratio of
>signal power above the quantization noise. But I can't use that
>range properly. The signal is buried in real noise (channel noise)
>and mixed with real signals, both above the quantization threshold,
>and it has a finite span of its own. I need that span to be more than
>one bit to do any meaningful processing of it, IE so I can extract
>it from the channel crud and demodulate it.

>I might be able to get away with 2 bits if the signal waveform
>were a simple square wave,

I can only agree with this if we assume that no dithering is used (and
that the background noise level is well below one quantization step).
When dithering is used, much smaller signals can be detected at low
and medium frequencies. "Fade to noise" is a common test to check the
linearity of a CD-player. Dithered tones at -105 dB or even lower
levels are detected, while you would expect only -96 dB for the 16 bit
CD-system. I don't know how well this can be applied to I/Q
demodulation, but I assume that if the signals of interest are a few
octaves below Fs/2 (say below 5 kHz), one or two extra bits can be
extracted. Some noise shaping tricks might even be usable, but I
haven't looked into it. Anyway, it is very desirable to have 18 to 24
bit DSPs to process the samples from 16 bits ADCs.

>but to recover the more complex waveform
>of QPSK, I need more bits. 4 may do, but 8 works lots better.

If you want to tranfer 28.8 kbit/s through a 3 kHz channel (e.g.
ordinary phone modems) then 8 bits certainly makes sense. However,
when transfering 2 bits/symbol in QPSK even 4 bits sounds quite a lot,
particulary if the sampling frequency Fs is a few octaves above the
tones of interest, when some extra resolution can be obtained from the
dithering effects of band and/or equipment noise.

>So a 2 bit span reduces the usable dynamic range by 12 db, 4 bits
>by 24 db, and 8 bits by 48 db.

Yes, the minimum _usable_ signal must be greater than the quantization
step by several dBs and several tens of dBs for extremely complex
waveforms.

This is nitpicking, but the dynamic range for analogue receivers are
usually defined between strong off channel signal(s) and the noise

floor (which depends on the detection bandwidth). The ratio is not between strong signal(s) and a usable signal.

>Note, the A/D can *handle* a wider span than that, but if my
>desired signal plus other passband crud gets within 4 bits of
>either limit, it clips, and I can't process it properly.

You must have quite a few strong undesired signals in the ADC pass-band in order to get the peak voltages aligned at the same time to have the signal clipped with 24 dB headroom. To completely avoid clipping in a two tone IMD test, each tone must be 6 dB below full scale.

>So
>that effectively reduces my dynamic range by 8 bits, or 48 db.
>Or stated another way, the sum of my signal and channel crud
>has to stay 24 db below the all 1s condition and my signal
>has to be 24 db above the quantization limit, IE all 0s. Of
>course both limits don't occur at the same time, so perhaps
>you could say I have 72 db of dynamic range with the current
>setup. I don't think that's the proper way to look at it
>though.

This is of course true that the usable range is less than the converter range, but maybe we should call the usable range something else than dynamic range to be more consistent with terms used with analogue equipment.

<about 24 bit ADC deleted>
>
>The brickwall filters do reduce signals which are more than
>+/- 20 kHz from the desired signal, but that isn't a great help
>at HF where signals sit cheek by jowl. I need to be able to work
>closer than that to a strong signal. I want to be able to work
>with signals on 1 kHz channel centers at the dynamic signal
>extremes.

You also have to consider the phase noise characteristics of both the transmitters and receivers.

Of course if you are participating in a multi-multi contest with multiple transmitters (>1 kW) on the same premises and on the same band or have a neighbour within a few blocks operating at the same band at 1 kW, you definitely need 24 bits. Some free space loss calculations (assuming far field propagation) are quite interesting in this case.

If you are only dealing with signal comming via the ionosphere, the required dynamic range is much less.

Using similar dynamic range test mehods, the 16 bit ADC would be slightly worse than some mobile HF rigs, but a 20 bit ADC would be superior to the most expensive HF ham rigs.

<about the current 16 bit ADC system>

>I'm not using really aggressive brickwall filters to avoid
>introducing undesirable phase shift in the I and Q channels.
>About all I'm doing is 12 db per octave, IE a simple RC. I

<clip>

>The codec does oversample at a 64x rate (and uses decimation
>to give an effective sample rate of 44 kHz), so the brickwall
>requirements for anti-aliasing aren't as severe as they might
>appear at first, IE the anti-aliasing rejection is 93 db in
>the current setup. But that doesn't do much close in.

I do not quite follow in this calculation. Using 64x oversampling, there are 6 octaves between half of the final sample rate (Fs/2) and half the oversampling rate (Fos/2), where you have to fit the slope of the low pass filter. However, since the alias components just above Fos/2 fall high above the audio range, the slope of the filter can extend up to Fos - 20kHz and thus, the slope can be nearly 7 octaves long. With 12 dB/octave, the alias components from Fos-20kHz to Fos are only attenuated by 84 dB, which is not quite sufficient for a 16 bit converter. An additional 6 dB/octave LPF at say 100 kHz would do the trick without adverse effects in the audio pass band.

Paul OH3LWR

4475. Re: Vanity Call Delay.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: wday@dfw.net
Message-ID: <wday-0610960007410001@ppp54.fortworth.dfw.net>
Source record: 215319

In article <32572C63.5FD4@Alessi.Com>, "T.J. Alessi" <Tom@Alessi.Com> wrote:

> I just read the ARRL Bulletin regarding a possible 4 to 5 week
> delay in processing Day-1 applications due to lack of personnel
> to do data entry... Hmmmmm? I bet I can find, oh say, 4500 people
> who would enter at least one each for free! =)

And the saddest thing about that Bulletin is that it reports that the feds
are surprised at the LACK of numbers of applications. Wonder how long it
would have taken if the expected number of applications had shown up!

73 Wayne KF5ZC

Wayne Day KF5ZC Fort Worth,Texas,USA kf5zc@amsat.org |
CompuServe: 76703,376 76703.376@CompuServe.Com | ,__o
wday@dfw.net |--_<,
Member: Bicycle Mobile Hams of America (*)/'(*)
For info on BMHA or the BIKEHAM mailing list: Finger KF5ZC@dfw.net
---

4476. Help: RFI with TV

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: hbcsc274@huey.csun.edu
Message-ID: <537s3f$g4f@csun2.csun.edu>
Source record: 215320

I just installed a 2-meter 5/8 wave vertical mag mount antenna on top of
the air conditioner on the roof. My radio is a Radio Shack HTX 212
mobile used as a base station. Whenever I transmit on any 2 meter
frequency, channel 18 goes out
on all of my tv's. The tv's are hooked up to cable, and not antennas.
My neighbor's who also has cable has channel 18 go out when I transmit as
well. My minimum transmit power is 10 watts on the HTX 212.
Even at low power, channel 18 goes out with a bunch of snow on the
screen. As soon as I let go of the PTT, it's back to normal.
It only happens on channel 18. How can I fix this?
Btw, the roof is about 20 feet up.
Any help is appreciated.

jerry - ke6uux
--
Jerry H. Wang
California State University Northridge
School of Engineering and Computer Science
Email: jerry.wang@csun.edu
Web: www.csun.edu/~hbcsc274

4477. Re: What the big guys think of hams.(Burt posting)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: emtp4355@aol.com
Message-ID: <5384qq$qvv@newsbf02.news.aol.com>
Source record: 215321

I wish people would put it in the subject title that a post is related to this Burt person.

Joseph K Murphy, EMT-P KF4KEK
emtp4355@aol.com EM75RW

Harriman, TN USA

4478. Re: General to Advanced.. re-take code test?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: lewis@phoenix.net
Message-ID: <lewis-ya023080000610960629560001@news.phoenix.net>
Source record: 215322

In article <530uhm$5g3@lex.zippo.com>, gary@carcs1.wustl.edu wrote:

>I'm a tech-plus and have just passed my 13 word-per-minute code
>test. I know that the certificate of completion for the 13 wpm code
>test is good for one year. Assuming I pass the general class
>written exam within a year, is there some time limit for taking
>and passing the advanced class exam? For instance, suppose I
>take and pass the advanced class exam five years later. Will I
>have to retake the 13 wpm code test?
>
>- Gary KB0QGE

Your safe as long as you get that General written out of thew way within the year. You won't need to need to retake the 13 word per code test to upgrade to the Advanced. There is a problem when you get that advanced ticket though. You will start to covet that little bit of space that the extras have, and the bragging right that follow. Then you'll see that 20 wpm barrier in your way and code when then become an obsession in your life again.
My advice would be to continue with the code now, even if you have no use for it, just to get to the extra as quickly as possible. It will be harder to do later. You are a roll now. Congrats on the 13 wpm. Take the written as soon as possible. You find that HF is great. As nice as VHF can be, your first contact with a ham in some obscure part of the world is a kick you will remeber the rest of your life.

Lewis

--
Lewis P. Stephens Jr. KM5BH (Amateur Radio Callsign)
Amber, Inc. CLARC (Clear Lake Amateur Radio Club)
lewis@phoenix.net NAMU (NASA Area Macintosh Users)
LewisS3@AOL.com
73404.1403.compuserve.com

4479. Re: CFS & CFJ Murata ceramic filters

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: John Evans <john.evans@uteshack.demon.co.uk>
Message-ID: <U31xpGAPI4VyEwYk@uteshack.demon.co.uk>
Source record: 215323
Cross-posted to: alt.radio.scanner.uk,alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave,sci.electronics.repair,rec.radio.amateur.misc,rec.radio.amateur.homebrew

In article <3256e419.3197544@newnews.dial.pipex.com>,
hi80@pipex.dial.com writes
>Finally, I am looking for a design of a loop antenna similar to the
>KIWA MW loop. Unfortunately, I can't possibly afford the 350 UKP price
>of the KIWA, much as I would like to buy it, so building a similar
>design(balanced loop with DG Mosfet amplifier and bandwidth control)
>is the only alternative. Has anyone built a design by GF Maynard
>called the "WQ medium wave loop". This appeared in the UK "Shortwave
>magazine" in November 1986, and looks very impressive. However, the
>construction is VERY complex, so I would like to gather any opinions
>before starting on the project myself.
>
Joe, Graham Maynard has several ready made loop antenna design's and
builds them to customer preferences.

For info on these and other loop items, contact....

reprints@spacemen.demon.co.uk

This is the reprint service of the Medium Wave Circle, a UK based club
specifically catering for the Medium / Longwave listener. Magazine
reprints are available which cover a vast number of topics pertaining to
the Medium and Longwaves.

Regards,
--
John Evans. G7CEC. "....tis better to have listened and not heard,
than never to have listened at all."

4480. Re: ARRL Elections a Sham, AGAIN!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: tgold@microvst.demon.co.uk
Message-ID: <844592679snz@microvst.demon.co.uk>
Source record: 215324

In article <32566551.7382@netusa1.net> WA8HSU@netusa1.net "Bill" writes:

> There was at least one other candidate that I know of who had the
> required number of signatures on a petition who outwardly, at least,
> fulfilled all the requirements to run in the election. But, since his
> politics did not pass muster, the headquarters staff found some arcane
> rule which barred his running in the election.

Would you please state the plain facts. Your editorial slant without
the facts tells me only that you have some unspecified grudge, but
not what it is.

What was the rule that tripped your friend, why do you say that it is
arcane and in what way did your friend fail to comply with that rule?

Are you really now proposing that the headquarters staff should
comply with some of the rules but not others, and does your friend
feel that same way? If he does, then I and perhaps many more members
will be relieved that his nomination was disqualified.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

4481. Dealing with pigs (hams).

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <325799AF.5E7E@ccsnet.com>
Source record: 215325
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Recently the ARRL New England Convention and the huge Rocherster, N.H. flea market were placed on the same exact date. That gave me an idea. Lets us have all the contests on the same weekend. Sort of the New Jersey principle, all the garbage in ONE place.

Burt

4482. Re: What the big guys think of hams.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3257991D.6767@ccsnet.com>
Source record: 215326
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Patrick Cook wrote:
>
> Burt, first of all, you are a genius. To make the text of your message an
> attachment instead of a plainly viewable message, that truly shows your
> colors.

That is the only way I can import text composed off line.
You are the first ever to mention this.

> I especially *LOVED* the part about hams NOT doing the public any good in
> emergency situations anymore.

Remember I was not the author however hams do a minute amount of good.
But it is rare that a ham does anything but blab while sitting on his
fat white butt.

> YO BURT!!! REALITY!!! Ham Radio is MUCH more effective in emergency
> situations than cellular telephones. But then of course, living up there
> in the NE area, you wouldn't know ANYTHING about this, would you???

Your example is?

> Afterall, the closest you've ever gotten is some hurricane that just
> happened to cut an almost due west path across the Atlantic Ocean on
> the border of warm and cold waters.

I live on Cape Cod, Eduardo passed close enough to bring out the hams.
What a sad bunch they were to listen to. They used 1000 words to convey
what 10 words would have.

> Truth be known, Burt: You know ABSOLUTELY *NOTHING* about emergency
> communications. In fact, I'll go so far as to PUBLICALLY *ADMIT* that
> I don't either.

How do Y O U know what I know? Are you God? Of course you are a ham.

> And to think you call yourself a "real ham".

Are God damn nuts. I NEVER EVER called myself that. Where did you get
that from?

> I'll admit it. I'm still a no-code techie. But given what you said in
> the attached message, almost ANYONE (short of a complete newbie) knows a
> heck of a lot more than you do.

No coders are just fine. How do you know what I know? If you were a
SYSOP

of a packet board you might be God.

>
> There are MANY hams who work for a living. There are even husbands and
> wives who communicate with each other via 2 meters and 440 EVERY DAY!!!

That is the only way most hams COMMUNICATE with their wives. They NEVER
make love.

> And to go even one step further, there are KIDS (remember them??) who GO
> TO *SCHOOL* with their HT's!!!!! In fact Colorado happens to be the home
> of the BARC Jr. club, which is sponsored by the Boulder ARC!!!

We call those kids PIMPLE FACED GEEKS.
I have students that are ASHAMED to admit they are hams.

> Did you also know that an 11-year old from Ohio talked with NASA
> Astronauts in the STS-79 mission this past week as everyone from
> the town mayor to representatives of the Ohio Legislature were present.
> (Yes, television was also there -- NINEFOLD!!!).

I will pee in my pants from excitement. My daughter was licensed at age
8 to
a license HIGHER than yours. Big deal.

> You still want to write to congress IN FAVOR of the Little Leos NOW,
> Burt???? If so, I think you'll find yourself a VERY lonely person....

I already have. Plus I appeal to congress to take the frequencies FROM
hams and use them for a PRODUCTIVE purpose.

> And that leads me to this, Burt: If you HATE the hobby as much you have
> expressed, then why not just sell your equipment and turn in your license???
> That would make things so much simpler, and we wouldn't have to hear your
> &^$#&(&*%$@# bellyaching!!!!!!!

You are right it is rare for a ham to hear and accept DIFFERENT views.
>

.-.
// ,. \\ / \ .-. .
\\ ( ) // / \ / \ .-. _ .-. /
\>-'`-</ /--Burt Fisher K1OIK@ccsnet.com-\---/-\---/---\-----/--
( )( ) \ / \ / `-' `-' \ /
) (\ / `-' `-'
/ \ `-'
\ /
\/ / <----- Hams this is a female
(<
\ |

4483. Re: Please, folks...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <53878l$1vn@anomaly.ideamation.com>
Source record: 215327

In article <52vjr2$8cb@news.Hawaii.Edu>,
Jeffrey Herman <jherman@Hawaii.Edu> wrote:

>Anarchy will distroy this newsgroup. .Policy was created to take the
>code debate off of this group. How can we respect your views when you
>won't even respect the rec.radio.amateur charter that governs these
>groups?

Carl doesn't want people to respect his views. He wants to merely
impose them on you whether you want them or not. His anti-social
behaviour is a clear indicator of his true intentions.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

4484. Re: Zoological creatures was(question for carl and the no code group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: gfoley@freenet.columbus.oh.us
Message-ID: <538cij$kn@login.freenet.columbus.oh.us>
Source record: 215328
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
,snip>
: >
: >No, where I think it needs strengthening is in operating practices;
: >things like radio etiquette, radio lore, perhaps some history and
: >tradition; good operating (no lids, no kids...), etc. Many hams
: >today, quite a few with extra class calls, are doing nothing but
: >yelling, shouting and using apalling language on the air. 20 meters
: >is often a zoo.
: >
: >We need to get these zoological creatures off the air, and perhaps
: >a written test that addresses the issue better might be the way to
: >"stiffen" up the ham radio written exam.

: I'm afraid that's not the answer. Many of these "zoological creatures"
: of which you speak are Extras with many years tenure in the amateur
: service. They have had ample opportunity to learn better ways of
: operating than they exhibit. It's not that they are unaware of good
: amateur practice, it is that they deliberately flout it. So a test
: of the sort you suggest would be of no value.

: For the vast majority of amateurs, peer pressure and good example
: have served well to establish good operating behaviors. For the
: few "zoological creatures" to which much reference is made, these
: tools have failed. Only strong enforcement action will correct
: this situation.

My casual listening on 20 makes me think that the situation has
improved from some years ago, when the service nets were driven off
14.313 MHz by intentional abusive interference. It took a long time
to get enforcement action in a handful of cases, but it seems to
have been effective against a much larger group than the few who
were penalized. We do need the FCC to do enforcement. Maybe
there will be a change in the political climate this fall that
will filter through to a regulatory agency like FCC.

If it does, I certainly hope it hits the way Gary advocates,
and not in silly petty actions against occasional slips of the
tongue. I agree with everything Gary Coffman says about this
matter.

K8EF

--
Gerry

4485. Re: HF Amateur Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: ronklein@ix.netcom.com
Message-ID: <538d3r$fgi@dfw-ixnews10.ix.netcom.com>
Source record: 215329
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <01bbb25d$2649e420$76070ccf@jim-reid-1> "Jim Reid" <jreid@aloha.net>
writes:
>
>There has been much posted about data through put rates,
>capacity, efficiency, etc on these newsgroups of late,
>mostly to point up the antiquity surrounding CW! However,
>much has been implied that these other alternative, modern,
>though not new techniques are better.
>
>Well then, to what purpose have radio amateurs used the
>HF bands, that is up to 30 mHz?
>
>Since the most early days of the hobby, the thrill of THE CONTACT
>has been the lure of HF; certainly not quantity nor "quality" of
data,
>other than the essentials to be sure a real contact had occured. This
>was also true for Marconi, Tesla and Hertz--did he hear me, and I
DID
>hear him and responded.
>
>That is the entire point of the QRP branch of the HF hobby: can I make
>the contact! That is all that is looked for, nearly exclusively on
the
>very difficult to operate 160 meter band!! Can I hear anyone tonight,
>and if I do, can I make a contact with him/her? That is the fun of
>160 meter hamming.
>
>Contesting -- the bane to many on contest weekends, but on those
>weekends absolutely several thousand HF amateurs, all over the world,
>on every continent and in well over 100 REAL countires are on the air
>for 48 hours straight. Why: to make as many CONTACTS with as
>many others, in as many different places, contintents and countries
>as they possibly can. Expense is NOT an issue with many Super
>Station Big Gun owners. As much money goes into these stations as
>does any stable of Ferrari racing equipment, perhaps more. There is
>one contest station in the upper Midwest with 42, count them, 42
>antenna towers!! Stacks of monoband arrays, multiplt rig setups,
>computer networks to every tower, rig and operaor position, etc, etc.
>Why, to make a few thousand contacts at a rate of up to 300 per
>hour on a given band by a given position operator at peak band
>condition times. And they need skill, loads of band propogation
smarts
>experience, and the very BEST of equipment to do it. Why? to show

>they made more contacts to more places than anyone else on the
>planet during those 48 hours; it causes there adrenalin to flow
>greatly for all those hours, and creates a great high!!
>
>Someone posted the opinion that the Old Farts were just interested in
>collecting postcards (QSL's). They do give assurance of THE CONTACT.
>These cards are useful to the individual on a day/night when the HF
>bands are dead or too noisy. Then one can look through the stack,
>and relive the QSO or contact, brief as it might have been, but
perhaps
>very tough to have gotten through! Or, mine make a very decroative
>blanket of wall covering! Quite colorful many, and does impress
>visitors, if they happen to give a hoot about my hobby!
>
>Secondarily, the HF bands are a meeting place for old friends, and
>a casual, very casual, conversation with a stranger, who just might
>become a new friend. These occur on both SSB and CW modes every
>day, and night.
>
>So until the HF band amateur discovers another way to really have
>lots of fun, they way it has been since the beginning of amateur
radio.
>I suspect they will continue having fun the old way. RTTY has been
>gaining in popularity the last several years, not because of a great
>data rate, which it isn't, but it does allow a lot of contacts with
a lot
>of people, all over the world, especially on RTTY contest weekends.
>Might say RTTY has been discovered as another way to really
>have some fun on HF. Of course it grew out of an earlier brach of
>the hobby which was connecting up the old Western Union and AP
>mechanical RTTY gear to the HF rig! Now that was fun; even have
>a couple of those out here in Hawaii (did someone post that this
>might be the "armpit" of the Pacific, well maybe some places in
>the wrong part of town in Honolulu, but NOT on rural, calm,
beautiful,
>green, garden island of Kauai!!).
>
>So, most of the arguments being posted on these reflectors are not
>that meaningful to todays really active HF band amateur. He is
already
>having a lot of fun, the old way.
>
>Notice, I have said nothing about technical training, emergency
service,
>etc. in this piece. However, my station did save the ship Sea
Harvest
>from being taken over by Cuba or Caribean Pirates one very stormy
>June night in 1992. The only signal the ship captain could cause to
>pay any attention that night was not on the marine bands, but he
>came up into the 20 meter SSB band, 14245 actually, and yelled

>at me until he got my attention!!
>
>For reasons known only to the God of propogation, my signal was
>the ONLY signal he could find with his on-ship gear!
>
> We were in QSO from here on Kauai
>with some guys back in the Carolinas; they could not here the ship
>which was obviously much closer to them than to Hawaii, peculiarity
>of 20 meter skip. But they did land line the Coast Guard, and my
station
>acted as the relay for instructions. Is a very long story and has
been
>written up in both the W5YI Report(July 1, 1992) and QST (March 1993).
>So real HF amateurs have, upon occasion, been of real, life saving
>benefit to someone in real trouble!!
>
>Just being on the band with good equipment, a bit of wisdom, and a
>willingness to jump in and spend a few hours helping someone in
trouble
>is also a part of the spirit of HF band hamming. High speed data
gear,
>spread spectrum, etc., would have been useless in the emergency
>situation above. And talk about the HIGH experienced by yours truly
>as a result of that encounter!
>
>So until you guys can make it obvious to a bunch of us that there
>is really a lot of fun and adventure to be had using your newer modes,
>we old farts will go on doing it the old, lots of fun way. I grew up
in
>a time when our first radio was "powered" by a galena crystal; a type
>01A nand 30 were the first triodes I fooled with. But I was educated
at
>University in microwaves, started out building TWTs, later on it was
>silicon bipolar interdigital transistors, and at the end of my prof
>career,
>Gallium Arsenide FETS with sub-micron geometries--but it was all
>for analog transmission/detection modes. Well,did have a bit of time
>with a QPSK rig: one could connect a telephone company T1 line
>to the input, and out came the digital, sort of spread spectrum
signal
>on the 2gHz common carrier band; but that was the peak of my career
>in newer modulation methods.
>
>So far as I know, the only places on the HF bands where anybody
>cares about data through put rates are the few packet type links up
>around 14100 on 20 meters, and these are "closed", coded protected
>BBS links, not open for casual QSO'ing.
>
>So again, until the nature of what goes on within the HF amateur
>bands changes, I suspect the modes in use will not see much

>change. What we need now are sunspots to make the propogation
>God smile on these bands once again; that way we can operate
>more hours per day trying to throw our signals to the other side of
>the planet on as many of the nine HF bands as we possibly can!
>That is what is fun!!
>
>73, Jim, AH6NB

Jim,

You've said it well. Your post describes what amateur radio is about to many of us. I guess after 37 years licensed (since age 15), I may qualify as an old Phart as well.

Just yesterday, I experienced one of the peripheral joys of the HF aspect of the hobby. I spent time in the back of my 2 acre lot erecting an end support for what is going to become a 160 meter inverted-L addition to one of my two Hygain hytowers. It was one of those beautiful, 72 degree Colorado October afternoons. Next weekend, once I have the materials, the antenna modification will be installed.

Then will come the time at the rig operating 160 to see what the band is like these days. While I have been licensed for 37 years, I have only occasionally operated the band, and with pretty lousy antennas. So, I look forward to yet another "new" HF operating experience.

One of the things that has kept me in the hobby all these years has been the continuing evolution of technology and applications to the hobby. There is always something new to experiment with... be it a new contest to operated, a different antenna to try, or a new mode - such as packet - to experiment with. There is always something to be challenged by.

And, not least is the friendships that have been formed. Later on this morning, I will make my weekly schedule with the fellow who elmered me into the hobby when we were both in high school. Also there - if he's not too busy fishing - will be the guy who helped me fix my first Heathkit so it would work when I was just trying to get my noice station on the air. I have known this fellow now for probably 42 years. We are the closest of friends, although we live 300 miles apart and see each other at most 1 or 2 times per year. Yet, the friendship has remained close because of amateur radio.

Enough sentiment, but I hope that those new to the hobby will give the HF bands a try.... in my opinion, that is where the longterm interest in the hobby will spring from.

73,

Ron - W0OSK (for a while longer, anyway)
--
Ron Klein
----

ronklein@ix.netcom.com

4486. Re: When are Vanity callsigns open to General

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: Daniel Velez <dvelez@infi.net>
Message-ID: <3257BA83.4B9D@infi.net>
Source record: 215330

Bea and Marvin Jones wrote:
>
> David Barnes (david_barnes@hp.com) wrote:
> : I'm a general class with no relatives or other reason to lay claim to a
> : previous callsign.
>
> : When will I be able to apply for a vanity callsign?
>
> Well, uh, 11 days ago.
>
> Jonesy
Well, uh, I don't think so...next is gate 3 for advanced class...not yet
announced (that I'm aware of) and then gate 4 for all others, I believe.
--
Dan

Daniel Velez | Aoooga! Aoooga!
dvelez@infi.net |
N4WZR@WD4MIZ.VA | Dive! Dive! Dive!

4487. Re: Boatanchors Newsgroup voting

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: res@cmprime.cis.att.com
Message-ID: <538f94$dgk@anchor.cis.att.com>
Source record: 215331

Richard E Stealey (res@cmprime.cis.att.com) wrote:
The last day to vote is Monday Oct 7th.

Heres how to vote FOR the new newsgroup -

: Vote by sending email to rrab@infobahn.net
: And put this is the body of your message (If you are voting affirmatively)

: I vote YES on rec.radio.amateur.boatanchors

Rick KT2Q

4488. 10 Meter Freqs

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: Bigdad <Bigdad@Rworld.com>
Message-ID: <537ohs$cra@kirin.wwa.com>
Source record: 215332

To save me the time hunting and maybe someone else is wondering...what is the frequency range that and modes that a class C technician license holder may use? Thanks!

4489. Re: ARRL Elections a Sham, AGAIN!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: Tuck Miller <kc6zec@amsat.org>
Message-ID: <3257E068.7557@amsat.org>
Source record: 215333

William C. (Bill) Wells wrote:
>
> Gentlemen:
>
>The only name on the ballot was that of
> the incumbent. This is not because other candidates did not present
> themselves, though!
>
> There was at least one other candidate that I know of who had the
> required number of signatures on a petition who outwardly, at least,
> fulfilled all the requirements to run in the election. But, since his
> politics did not pass muster, the headquarters staff found some arcane
> rule which barred his running in the election.
>
>
> At least for Central Division Vice-director there was a choice
> presented. I voted for the challenger, not because I know him to be a
> great guy or well qualified but because he is the challenger.
>

Of course you have the right to vote for whomever you wish, but do you really think that is really smart? I am sure you are a very intelligent person. Voting for someone just because they are challenging the incumbent, well that could be dangerous....

> We NEED to vote out ALL incumbents and continue to do so in EVERY
> election until these guys all know that they serve us and not the other
> way around and that politics as usual is no longer acceptable.
> Once again Bill, I do not understand your reasoning here. If you have a bad apple in your area, why dump the whole barrel. You have folks who work very hard for the radio service, and who are deserving of election and or re-election. Sounds to me like throwing the baby out with the bath water.

> 73, Bill Wells - WA8HSU - ARRL Member # 1233411
> wa8hsu@netusa1.net

Bill, I am sorry, but I do think you are a bit mistaken. I ran for Section Manager in the San Diego Section section against the incumbent, did not win this time, but it has not discouraged me. I was on the ballot. You mentioned that the League found some rule or something that precluded him from being on the ballot, maybe I missed what it was. Did you mention what the rule was. It is very simple, at least for Section manager.... you must have a petition with at least 10 league members, and file it on time. That should be it....

Maybe there was a slight descrepancy in this procedure. As one who has been a part of this process, I do not feel it is a sham..

73,

Tuck, KC6ZEC

4490. Re: Theory Question

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <539e3s$o5c@news.Hawaii.Edu>
Source record: 215334

Gary Coffman <gary@ke4zv.atl.ga.us> wrote:

>I'll admit that the answer seems intuitively compelling. As you
>approach the limit of zero wavelength, any antenna of finite physical
>size becomes larger and larger in terms of wavelength. And we know
>in general that as an antenna becomes larger in terms of wavelength
>its gain increases. For most antenna forms, however, there is a point
>of diminishing returns. Long wires, Vee beams, yagis, etc, can actually
>become so large in terms of wavelength that their gain decreases, IE
>sidelobes begin to dominate. And that often doesn't require many
>wavelengths in size before that occurs.

A Beverage antenna would appear to be a counter-example.

Jeff KH2PZ
Wanted: Second-hand computer chess board

4491. Re: Trouble with cq-contest reflector

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: Hans K0HB <71111.260@CompuServe.COM>
Message-ID: <537cr7$71p$1@mhade.production.compuserve.com>
Source record: 215335

That reflector will only accept incoming traffic for the
same address that it sends your outgoing traffic. For
example, if you subscribed from "this.address@here.com"
then you must also send your traffic to the reflector from
that address. If you send from "that.address@there.com"
it will be rejected because it "doesn't know you".

--
73, de Hans, K0HB
--
Liberator of the Blue Smoke, and
Minister of the Fumes of Flux

4492. Rejected by Custodian

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: OAKQM3@oakqm3.sps.mot.COM
Message-ID: <n1366750647.49710@oakqm3.sps.mot.com>
Source record: 215336

Mail*Link(r) SMTP Info-Hams Digest V96 #1157

Info-Hams Digest Sun, 6 Oct 96 Volume 96 : Issue 1157

Today's Topics:
Help: RFI with TV
HF Amateur Radio
New copy of license
Vanity Call Delay.

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
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Problems you can't solve otherwise to brian@ucsd.edu.

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 6 Oct 1996 08:54:07 GMT
From: hbcsc274@huey.csun.edu (jerry wang)
Subject: Help: RFI with TV

I just installed a 2-meter 5/8 wave vertical mag mount antenna on top of
the air conditioner on the roof. My radio is a Radio Shack HTX 212
mobile used as a base station. Whenever I transmit on any 2 meter
frequency, channel 18 goes out
on all of my tv's. The tv's are hooked up to cable, and not antennas.
My neighbor's who also has cable has channel 18 go out when I transmit as
well. My minimum transmit power is 10 watts on the HTX 212.
Even at low power, channel 18 goes out with a bunch of snow on the
screen. As soon as I let go of the PTT, it's back to normal.
It only happens on channel 18. How can I fix this?
Btw, the roof is about 20 feet up.
Any help is appreciated.

jerry - ke6uux
--
Jerry H. Wang
California State University Northridge
School of Engineering and Computer Science
Email: jerry.wang@csun.edu
Web: www.csun.edu/~hbcsc274

Date: Sun, 06 Oct 1996 03:33:40 GMT
From: pacrimgolf@kuentos.guam.net (Jim Kehler)
Subject: HF Amateur Radio

Well said, Jimmy. But be careful, you know we are trying to keep all this fun a secret and keep it to ourselves. Wouldn't want all these other guys to start learning CW just to get in on the action......

73, Jim KH2D

"Jim Reid" <jreid@aloha.net> wrote:

>There has been much posted about data through put rates,
>capacity, efficiency, etc on these newsgroups of late,
>mostly to point up the antiquity surrounding CW! However,
>much has been implied that these other alternative, modern,
>though not new techniques are better.

>Well then, to what purpose have radio amateurs used the
>HF bands, that is up to 30 mHz?

>Since the most early days of the hobby, the thrill of THE CONTACT
>has been the lure of HF; certainly not quantity nor "quality" of data,
>other than the essentials to be sure a real contact had occured. This
>was also true for Marconi, Tesla and Hertz--did he hear me, and I DID
>hear him and responded.

>That is the entire point of the QRP branch of the HF hobby: can I make
>the contact! That is all that is looked for, nearly exclusively on the
>very difficult to operate 160 meter band!! Can I hear anyone tonight,
>and if I do, can I make a contact with him/her? That is the fun of
>160 meter hamming.

>Contesting -- the bane to many on contest weekends, but on those
>weekends absolutely several thousand HF amateurs, all over the world,
>on every continent and in well over 100 REAL countires are on the air
>for 48 hours straight. Why: to make as many CONTACTS with as
>many others, in as many different places, contintents and countries
>as they possibly can. Expense is NOT an issue with many Super
>Station Big Gun owners. As much money goes into these stations as
>does any stable of Ferrari racing equipment, perhaps more. There is
>one contest station in the upper Midwest with 42, count them, 42
>antenna towers!! Stacks of monoband arrays, multiplt rig setups,
>computer networks to every tower, rig and operaor position, etc, etc.
>Why, to make a few thousand contacts at a rate of up to 300 per
>hour on a given band by a given position operator at peak band
>condition times. And they need skill, loads of band propogation smarts
>experience, and the very BEST of equipment to do it. Why? to show
>they made more contacts to more places than anyone else on the
>planet during those 48 hours; it causes there adrenalin to flow
>greatly for all those hours, and creates a great high!!

>Someone posted the opinion that the Old Farts were just interested in
>collecting postcards (QSL's). They do give assurance of THE CONTACT.
>These cards are useful to the individual on a day/night when the HF
>bands are dead or too noisy. Then one can look through the stack,
>and relive the QSO or contact, brief as it might have been, but perhaps
>very tough to have gotten through! Or, mine make a very decroative
>blanket of wall covering! Quite colorful many, and does impress
>visitors, if they happen to give a hoot about my hobby!

>Secondarily, the HF bands are a meeting place for old friends, and
>a casual, very casual, conversation with a stranger, who just might
>become a new friend. These occur on both SSB and CW modes every
>day, and night.

>So until the HF band amateur discovers another way to really have
>lots of fun, they way it has been since the beginning of amateur radio.
>I suspect they will continue having fun the old way. RTTY has been
>gaining in popularity the last several years, not because of a great
>data rate, which it isn't, but it does allow a lot of contacts with a lot
>of people, all over the world, especially on RTTY contest weekends.
>Might say RTTY has been discovered as another way to really
>have some fun on HF. Of course it grew out of an earlier brach of
>the hobby which was connecting up the old Western Union and AP
>mechanical RTTY gear to the HF rig! Now that was fun; even have
>a couple of those out here in Hawaii (did someone post that this
>might be the "armpit" of the Pacific, well maybe some places in
>the wrong part of town in Honolulu, but NOT on rural, calm, beautiful,
>green, garden island of Kauai!!).

>So, most of the arguments being posted on these reflectors are not
>that meaningful to todays really active HF band amateur. He is already
>having a lot of fun, the old way.

>Notice, I have said nothing about technical training, emergency service,
>etc. in this piece. However, my station did save the ship Sea Harvest
>from being taken over by Cuba or Caribean Pirates one very stormy
>June night in 1992. The only signal the ship captain could cause to
>pay any attention that night was not on the marine bands, but he
>came up into the 20 meter SSB band, 14245 actually, and yelled
>at me until he got my attention!!

>For reasons known only to the God of propogation, my signal was
>the ONLY signal he could find with his on-ship gear!

> We were in QSO from here on Kauai
>with some guys back in the Carolinas; they could not here the ship
>which was obviously much closer to them than to Hawaii, peculiarity
>of 20 meter skip. But they did land line the Coast Guard, and my station
>acted as the relay for instructions. Is a very long story and has been
>written up in both the W5YI Report(July 1, 1992) and QST (March 1993).
>So real HF amateurs have, upon occasion, been of real, life saving
>benefit to someone in real trouble!!

>Just being on the band with good equipment, a bit of wisdom, and a
>willingness to jump in and spend a few hours helping someone in trouble
>is also a part of the spirit of HF band hamming. High speed data gear,
>spread spectrum, etc., would have been useless in the emergency
>situation above. And talk about the HIGH experienced by yours truly
>as a result of that encounter!

>So until you guys can make it obvious to a bunch of us that there
>is really a lot of fun and adventure to be had using your newer modes,
>we old farts will go on doing it the old, lots of fun way. I grew up in
>a time when our first radio was "powered" by a galena crystal; a type
>01A nand 30 were the first triodes I fooled with. But I was educated at
>University in microwaves, started out building TWTs, later on it was
>silicon bipolar interdigital transistors, and at the end of my prof
>career,
>Gallium Arsenide FETS with sub-micron geometries--but it was all
>for analog transmission/detection modes. Well,did have a bit of time
>with a QPSK rig: one could connect a telephone company T1 line
>to the input, and out came the digital, sort of spread spectrum signal
>on the 2gHz common carrier band; but that was the peak of my career
>in newer modulation methods.

>So far as I know, the only places on the HF bands where anybody
>cares about data through put rates are the few packet type links up
>around 14100 on 20 meters, and these are "closed", coded protected
>BBS links, not open for casual QSO'ing.

>So again, until the nature of what goes on within the HF amateur
>bands changes, I suspect the modes in use will not see much
>change. What we need now are sunspots to make the propogation
>God smile on these bands once again; that way we can operate
>more hours per day trying to throw our signals to the other side of
>the planet on as many of the nine HF bands as we possibly can!
>That is what is fun!!

>73, Jim, AH6NB

Date: 5 Oct 1996 22:11:28 -0400
From: kd1nr@anomaly.ideamation.com (Anthony S. Pelliccio)
Subject: New copy of license

In article <01bbb306$57490700$31111dcc@davis-p166>,
Davis Straub <davis@halcyon.com> wrote:

>If you have lost your license, you can obtain a duplicate by
>writing to: FCC, 1270 Fairfield Rd, Gettysburg PA
>17325-7245; indicating that you lost your license and that
>you are requesting that a replacement license be issued to
>you. You may fax your request to FCC at 717-337-1541.

I carry a photocopy of my license in my wallet. The original is
laminated and stays at home 99.9% of the time along with my station

license (The 5x7), GROL, etc...

So spend the ten cents and get those copies.

Tony

Date: Sat, 05 Oct 1996 23:49:55 -0400
From: "T.J. Alessi" <Tom@Alessi.Com>
Subject: Vanity Call Delay.

I just read the ARRL Bulletin regarding a possible 4 to 5 week
delay in processing Day-1 applications due to lack of personnel
to do data entry... Hmmmmm? I bet I can find, oh say, 4500 people
who would enter at least one each for free! =)

I'll drive.

Tom - WB1L
--

T.J. Alessi, WB1L E-Mail: Tom@Alessi.Com
147 Joffre Avenue www.discovernet.net/usr/alessi
Stamford, Connecticut 06905 Voice: 203.977.5200

End of Info-Hams Digest V96 #1157
****

4493. Rejected by Custodian

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: OAKQM3@oakqm3.sps.mot.COM
Message-ID: <n1366750732.48191@oakqm3.sps.mot.com>
Source record: 215337

Mail*Link(r) SMTP Info-Hams Digest V96 #1158

!!! Original message was too large.
!!!
!!! It is contained in the enclosure whose name
!!! is the same as the subject of this message.
!!!
!!! A preview of the message follows:

Info-Hams Digest Sun, 6 Oct 96 Volume 96 : Issue 1158

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ARRL Elections a Sham, AGAIN! (2 msgs)
General to Advanced.. re-take code test?
HF Amateur Radio
Please, folks...
S1 sealand
Theory Question
To the no-code advocates re: "Sam Morse"
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policies or positions of any party. Your mileage may vary. So there.

Date: Sat, 05 Oct 1996 14:40:33 +0100
From: "William C. (Bill) Wells" <WA8HSU@netusa1.net>
Subject: ARRL Elections a Sham, AGAIN!

Gentlemen:

I just received my ballot in the biannual exercise in futility known as
the ARRL elections.

Here in the Central Division we were again offered no alternative in the
"race" for Division Director. The only name on the ballot was that of

the incumbent. This is not because other candidates did not present themselves, though!

There was at least one other candidate that I know of who had the required number of signatures on a petition who outwardly, at least, fulfilled all the requirements to run in the election. But, since his politics did not pass muster, the headquarters staff found some arcane rule which barred his running in the election.

Because of this, for Central Division Director I voted "NO" and would urge everybody else out there to do likewise.

At least for Central Division Vice-director there was a choice presented. I voted for the challenger, not because I know him to be a great guy or well qualified but because he is the challenger.

We NEED to vote out ALL incumbents and continue to do so in EVERY election until these guys all know that they serve us and not the other way around and that politics as usual is no longer acceptable.

73, Bill Wells - WA8HSU - ARRL Member # 1233411
wa8hsu@netusa1.net

Date: Sun, 06 Oct 96 09:04:39 GMT
From: tgold@microvst.demon.co.uk ("Anthony R. Gold")
Subject: ARRL Elections a Sham, AGAIN!

In article <32566551.7382@netusa1.net> WA8HSU@netusa1.net "Bill" writes:

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> required number of signatures on a petition who outwardly, at least,
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> politics did not pass muster, the headquarters staff found some arcane
> rule which barred his running in the election.

Would you please state the plain facts. Your editorial slant without the facts tells me only that you have some unspecified grudge, but not what it is.

What was the rule that tripped your friend, why do you say that it is arcane and in what way did your friend fail to comply with that rule?

Are you really now proposing that the headquarters staff should comply with some of the rules but not others, and does your friend feel that same way? If he does, then I and perhaps many more members will be relieved that his nomination was disqualified.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

Date: Sun, 06 Oct 1996 06:29:56 -0500
From: lewis@phoenix.net (Lewis P. Stephen

<<<<<< Attached TEXT file named "Info-Hams Digest V96 #1158" follows >>>>>>
Received: by oakqm3.sps.mot.com with SMTP;6 Oct 1996 10:52:50 U
Date: Sun, 06 Oct 96 08:51:57 MST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Subject: Info-Hams Digest V96 #1158
Reply-To: Info-Hams@ucsd.edu
To: Info-Hams@ucsd.edu
Apparently-To: "Lane_Robinson-RDMT50Q@email"
<lane_robinson@oakqm3.sps.mot.com>

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Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

Date: Sun, 06 Oct 1996 06:29:56 -0500
From: lewis@phoenix.net (Lewis P. Stephens Jr.)

Subject: General to Advanced.. re-take code test?

In article <530uhm$5g3@lex.zippo.com>, gary@carcs1.wustl.edu wrote:

>I'm a tech-plus and have just passed my 13 word-per-minute code
>test. I know that the certificate of completion for the 13 wpm code
>test is good for one year. Assuming I pass the general class
>written exam within a year, is there some time limit for taking
>and passing the advanced class exam? For instance, suppose I
>take and pass the advanced class exam five years later. Will I
>have to retake the 13 wpm code test?
>
>- Gary KB0QGE

Your safe as long as you get that General written out of thew way within
the year. You won't need to need to retake the 13 word per code test to
upgrade to the Advanced. There is a problem when you get that advanced
ticket though. You will start to covet that little bit of space that the
extras have, and the bragging right that follow. Then you'll see that 20
wpm barrier in your way and code when then become an obsession in your life
again.
My advice would be to continue with the code now, even if you have no use
for it, just to get to the extra as quickly as possible. It will be harder
to do later. You are a roll now. Congrats on the 13 wpm. Take the written
as soon as possible. You find that HF is great. As nice as VHF can be, your
first contact with a ham in some obscure part of the world is a kick you
will remeber the rest of your life.

Lewis

--
Lewis P. Stephens Jr. KM5BH (Amateur Radio Callsign)
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Date: 6 Oct 1996 13:44:27 GMT
From: ronklein@ix.netcom.com (Ron Klein)
Subject: HF Amateur Radio

In <01bbb25d$2649e420$76070ccf@jim-reid-1> "Jim Reid" <jreid@aloha.net>
writes:
>
>There has been much posted about data through put rates,
>capacity, efficiency, etc on these newsgroups of late,
>mostly to point up the antiquity surrounding CW! However,
>much has been implied that these other alternative, modern,
>though not new techniques are better.
>
>Well then, to what purpose have radio amateurs used the

>HF bands, that is up to 30 mHz?
>
>Since the most early days of the hobby, the thrill of THE CONTACT
>has been the lure of HF; certainly not quantity nor "quality" of
data,
>other than the essentials to be sure a real contact had occured. This
>was also true for Marconi, Tesla and Hertz--did he hear me, and I
DID
>hear him and responded.
>
>That is the entire point of the QRP branch of the HF hobby: can I make
>the contact! That is all that is looked for, nearly exclusively on
the
>very difficult to operate 160 meter band!! Can I hear anyone tonight,
>and if I do, can I make a contact with him/her? That is the fun of
>160 meter hamming.
>
>Contesting -- the bane to many on contest weekends, but on those
>weekends absolutely several thousand HF amateurs, all over the world,
>on every continent and in well over 100 REAL countires are on the air
>for 48 hours straight. Why: to make as many CONTACTS with as
>many others, in as many different places, contintents and countries
>as they possibly can. Expense is NOT an issue with many Super
>Station Big Gun owners. As much money goes into these stations as
>does any stable of Ferrari racing equipment, perhaps more. There is
>one contest station in the upper Midwest with 42, count them, 42
>antenna towers!! Stacks of monoband arrays, multiplt rig setups,
>computer networks to every tower, rig and operaor position, etc, etc.
>Why, to make a few thousand contacts at a rate of up to 300 per
>hour on a given band by a given position operator at peak band
>condition times. And they need skill, loads of band propogation
smarts
>experience, and the very BEST of equipment to do it. Why? to show
>they made more contacts to more places than anyone else on the
>planet during those 48 hours; it causes there adrenalin to flow
>greatly for all those hours, and creates a great high!!
>
>Someone posted the opinion that the Old Farts were just interested in
>collecting postcards (QSL's). They do give assurance of THE CONTACT.
>These cards are useful to the individual on a day/night when the HF
>bands are dead or too noisy. Then one can look through the stack,
>and relive the QSO or contact, brief as it might have been, but
perhaps
>very tough to have gotten through! Or, mine make a very decroative
>blanket of wall covering! Quite colorful many, and does impress
>visitors, if they happen to give a hoot about my hobby!
>
>Secondarily, the HF bands are a meeting place for old friends, and
>a casual, very casual, conversation with a stranger, who just might
>become a new friend. These occur on both SSB and CW modes every

>day, and night.
>
>So until the HF band amateur discovers another way to really have
>lots of fun, they way it has been since the beginning of amateur
radio.
>I suspect they will continue having fun the old way. RTTY has been
>gaining in popularity the last several years, not because of a great
>data rate, which it isn't, but it does allow a lot of contacts with
a lot
>of people, all over the world, especially on RTTY contest weekends.
>Might say RTTY has been discovered as another way to really
>have some fun on HF. Of course it grew out of an earlier brach of
>the hobby which was connecting up the old Western Union and AP
>mechanical RTTY gear to the HF rig! Now that was fun; even have
>a couple of those out here in Hawaii (did someone post that this
>might be the "armpit" of the Pacific, well maybe some places in
>the wrong part of town in Honolulu, but NOT on rural, calm,
beautiful,
>green, garden island of Kauai!!).
>
>So, most of the arguments being posted on these reflectors are not
>that meaningful to todays really active HF band amateur. He is
already
>having a lot of fun, the old way.
>
>Notice, I have said nothing about technical training, emergency
service,
>etc. in this piece. However, my station did save the ship Sea
Harvest
>from being taken over by Cuba or Caribean Pirates one very stormy
>June night in 1992. The only signal the ship captain could cause to
>pay any attention that night was not on the marine bands, but he
>came up into the 20 meter SSB band, 14245 actually, and yelled
>at me until he got my attention!!
>
>For reasons known only to the God of propogation, my signal was
>the ONLY signal he could find with his on-ship gear!
>
> We were in QSO from here on Kauai
>with some guys back in the Carolinas; they could not here the ship
>which was obviously much closer to them than to Hawaii, peculiarity
>of 20 meter skip. But they did land line the Coast Guard, and my
station
>acted as the relay for instructions. Is a very long story and has
been
>written up in both the W5YI Report(July 1, 1992) and QST (March 1993).
>So real HF amateurs have, upon occasion, been of real, life saving
>benefit to someone in real trouble!!
>
>Just being on the band with good equipment, a bit of wisdom, and a

>willingness to jump in and spend a few hours helping someone in
trouble
>is also a part of the spirit of HF band hamming. High speed data
gear,
>spread spectrum, etc., would have been useless in the emergency
>situation above. And talk about the HIGH experienced by yours truly
>as a result of that encounter!
>
>So until you guys can make it obvious to a bunch of us that there
>is really a lot of fun and adventure to be had using your newer modes,
>we old farts will go on doing it the old, lots of fun way. I grew up
in
>a time when our first radio was "powered" by a galena crystal; a type
>01A nand 30 were the first triodes I fooled with. But I was educated
at
>University in microwaves, started out building TWTs, later on it was
>silicon bipolar interdigital transistors, and at the end of my prof
>career,
>Gallium Arsenide FETS with sub-micron geometries--but it was all
>for analog transmission/detection modes. Well,did have a bit of time
>with a QPSK rig: one could connect a telephone company T1 line
>to the input, and out came the digital, sort of spread spectrum
signal
>on the 2gHz common carrier band; but that was the peak of my career
>in newer modulation methods.
>
>So far as I know, the only places on the HF bands where anybody
>cares about data through put rates are the few packet type links up
>around 14100 on 20 meters, and these are "closed", coded protected
>BBS links, not open for casual QSO'ing.
>
>So again, until the nature of what goes on within the HF amateur
>bands changes, I suspect the modes in use will not see much
>change. What we need now are sunspots to make the propogation
>God smile on these bands once again; that way we can operate
>more hours per day trying to throw our signals to the other side of
>the planet on as many of the nine HF bands as we possibly can!
>That is what is fun!!
>
>73, Jim, AH6NB

Jim,

You've said it well. Your post describes what amateur radio is about to
many of us. I guess after 37 years licensed (since age 15), I may
qualify as an old Phart as well.

Just yesterday, I experienced one of the peripheral joys of the HF
aspect of the hobby. I spent time in the back of my 2 acre lot erecting
an end support for what is going to become a 160 meter inverted-L
addition to one of my two Hygain hytowers. It was one of those

beautiful, 72 degree Colorado October afternoons. Next weekend, once I have the materials, the antenna modification will be installed.

Then will come the time at the rig operating 160 to see what the band is like these days. While I have been licensed for 37 years, I have only occasionally operated the band, and with pretty lousy antennas. So, I look forward to yet another "new" HF operating experience.

One of the things that has kept me in the hobby all these years has been the continuing evolution of technology and applications to the hobby. There is always something new to experiment with... be it a new contest to operated, a different antenna to try, or a new mode - such as packet - to experiment with. There is always something to be challenged by.

And, not least is the friendships that have been formed. Later on this morning, I will make my weekly schedule with the fellow who elmered me into the hobby when we were both in high school. Also there - if he's not too busy fishing - will be the guy who helped me fix my first Heathkit so it would work when I was just trying to get my noice station on the air. I have known this fellow now for probably 42 years. We are the closest of friends, although we live 300 miles apart and see each other at most 1 or 2 times per year. Yet, the friendship has remained close because of amateur radio.

Enough sentiment, but I hope that those new to the hobby will give the HF bands a try.... in my opinion, that is where the longterm interest in the hobby will spring from.

73,

Ron - W0OSK (for a while longer, anyway)
--
Ron Klein
----
ronklein@ix.netcom.com

Date: 6 Oct 1996 08:04:37 -0400
From: kd1hz@anomaly.ideamation.com (Michael P. Deignan)
Subject: Please, folks...

In article <52vjr2$8cb@news.Hawaii.Edu>,
Jeffrey Herman <jherman@Hawaii.Edu> wrote:

>Anarchy will distroy this newsgroup. .Policy was created to take the
>code debate off of this group. How can we respect your views when you
>won't even respect the rec.radio.amateur charter that governs these
>groups?

Carl doesn't want people to respect his views. He wants to merely impose them on you whether you want them or not. His anti-social behaviour is a clear indicator of his true intentions.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

Date: Sun, 06 Oct 1996 09:22:05 GMT
From: cphillips@pobox.com (Curt Phillips)
Subject: S1 sealand

morice stephane <smorice@MICRONET.FR> wrote:

>(sorry for bad english ...) I'm trying to get some infos about
>principalty of sealand which have unofficial ham call-sign S1. sealand is
>located in international waters near UK and it is a man made island,
>which was build during WWII, it's now an unofficial country.

One of the ham radio magazines in the United States called "73 Magazine"
carried an article on Sealand about 10 years ago. This article included
pictures and a history of the "country". I haven't heard anything about it
since then.

If you can find someone with a library of back issues of "73", perhaps
you can look it up. I'd say the issue was between 1983 and 1987.
Maybe someone in the amateur newsgroups (I'm crossposting this to a couple
of likely sources) knows the exact issue.

======== Opinions expressed are solely those of the author =========
Curt Phillips, CEM KD4YU (ex-WB4LHI)| "I don't want to achieve
Chairman, Tar Heel Scanner/SWL Group| immortality through my work.
ARRL Life; QCWA; Raleigh ARS; NRA | I want to achieve it through
Energy/Recycling BBS 704-547-3114 | NOT DYING." -- Woody Allen
==== cphillips@pobox.com == [Copyright 1996 All rights reserved]====

Date: 3 Oct 1996 06:44:12 GMT
From: jherman@Hawaii.Edu (Jeffrey Herman)
Subject: Theory Question

In article <52uu1k$fu6@nntp-2.io.com>, <kk5dr@io.com> wrote:
>What Theoretical Meter band has an antenna of infinite gain ?

Zero meters?

KH2PZ

Date: 3 Oct 1996 06:42:00 GMT
From: jherman@Hawaii.Edu (Jeffrey Herman)
Subject: To the no-code advocates re: "Sam Morse"

Carl Stevenson <carl@ais.net> wrote:
>I would suggest simply kill-filing or ignoring the pro-code ignoramus
>who insists on posting with th bogus pseudonym and address of "Sam
>Morse" ... it's not "cute" or clever ... it's just a troll ...

You mean Sam Morse KB1AQX?

>It's clear that he cannot be/does not want to be reasoned with and is
>totally unwilling to listen to or accept arguments that go against the
>code, no matter how accurate and factual ...
>so why waste the bandwidth providing gratification to someone who's not
>even committed to his "cause" enough to use his real name and callsign?
>
>Everyone is, of course, free to do what you want, but IMHO your time
>here is better spent debating the issues with people who are at least
>honest enough to correctly identify themselves ...
>73,
>Carl - wa6vse

Be honest yourself, Carl: Tell us once and for all what class license you hold; you always say "I've passed a code test" & "I've got HF privileges", but not once do I recall you stating what your license class is. Don't be ashamed.

If you want others to be honest, you too have to be honest and play fair (such as following the newsgroup's charter and keeping the code debate on .policy).

Jeff KH2ZP / KH6

Date: Sun, 06 Oct 1996 05:44:48 GMT
From: conklin@forbin.com (Chris Conklin (n0pav))
Subject: Vanity Call Delay.

On Sat, 05 Oct 1996 23:49:55 -0400, "T.J. Alessi" <Tom@Alessi.Com>
wrote:

>I just read the ARRL Bulletin regarding a possible 4 to 5 week
>delay in processing Day-1 applications due to lack of personnel
>to do data entry... Hmmmmm? I bet I can find, oh say, 4500 people
>who would enter at least one each for free! =)

Let's see: 4500 on the first day, at $30 a pop = $135,000.
Figure the average governmental key-puncher in Gettysburg makes under $30,000 a year - the *FIRST DAY* of gate 2 should pay the salary of 4 new employees for the next 365 days.

Let us be generous and give them 2 minutes to enter each application **very carefully** - this means the 4 employees should do 960 applications in an 8 hour work day. This means that all of the 4500 +/- applications received on 9/23 should have been completed no later than Monday 9/30.

Seems to me, there are not enough people entering forms, or they are trying their damnest to convince me that all government workers are lazy non-productive slags (which they are not).

Mind you- my 4 employee estimate assumes a full year's employment, when they could certainly justify getting some temp clericals for 2 months- lets say $15 an hour to be really generous - assuming 40 hour work weeks, 8 weeks total - this would afford 28 employees.

Seems to me our $30 isn't buying much in the way of "administrative burden support."

Oh well- at least the basic license in the US is still free (for now at least......)
Chris Conklin, Amateur Radio: N0PAV
444.65mhz, PL 136.5 -- Cedar Falls IA
Home: 319-266-2761, pager: 319-235-8328

Date: 6 Oct 1996 04:33:48 GMT
From: bdbennet@ix.netcom.com (Robert Bennett)
Subject: What the big guys think of hams.

FLAME!!!! ???? Who gives a rats behind what you think???
Let's see, I could go out and buy a commercial radio and operate without any license. Who checks those??

Bob KG0RJ

In <32566095.7953@ccsnet.com> Burt Fisher <k1oik@ccsnet.com> writes:
>
>This is a multi-part message in MIME format.
>
>--------------432048D015A3
>Content-Type: text/plain; charset=us-ascii
>Content-Transfer-Encoding: 7bit
>
>-
>
>--------------432048D015A3
>Content-Type: text/plain; charset=us-ascii; name="Hamstore"
>Content-Transfer-Encoding: 7bit
>Content-Disposition: inline; filename="Hamstore"
>
>
>From:
>
> Dennis A. Mason
> damason@uswc.uswest.com
>
>
>(I agree with every word, but he was too mild-Burt K1OIK).
>

> You ham radio ops are a bunch of cheap skates. You're always trying
to
> screw us commercial dealers out of a radio or repeater for some
stupid
> project of your own. Most of your repeaters are all closed and are
> absolutely worthless for emergency use. You all claim to be such a
big
> help in emergencies. WELL YOU'RE NOT!!! Hams can't and don't
contribute
> anything to disaster relief any more.
>
> All you do is whine and moan about how much a piece od commercial
> equipment costs. Well that isn't entirely true. You do go to hamfests
> and whine and moan to vendors about how much their equipment costs as
> well. You idiots have absolutely no idea what goes into the design
> production and marketing of any piece of gear, commercial or not. I
> truely feel sorry for any poor bastard that relies on making a living
from
> you cheap SOB's.
>
> Why not give us legitimate commercial interests your VHF, UHF and SHF
> spectrum so that we can do something useful for mankind instead of
letting
> a bunch of retired has beens have access to billions of dollars of
> spectrum for nothing more than comparing prostate troubles during the
day
> when the rest of humanity is doing something useful... like working
for a
> living.
>
> I'm sure to get some flame mail over this so I might as well make it
> good... You guys are worse than CBers. All you do is bitch about code
> requirements and how hard the tests are to get a license. Well I got
news
> for you. You hams should be relegated to about 400 KHZ of spectrum in
> the 20 meter band. It should be allocated into 40 distinct channels
10
> KHX apart. Maximum power 5 watts ERP. All testing and call signs
should
> be revoked and every 18 wheeler should have a mass production, $50 20
> meter ham rig installed. Then I suppose you all could bitch about
paying
> a whole $50 to whoever is desperate enough to get into that
> market.
>
> 73zzzzz good buddies>>>
>
>

Date: Sun, 06 Oct 1996 09:56:19 -0400
From: Daniel Velez <dvelez@infi.net>
Subject: When are Vanity callsigns open to General

Bea and Marvin Jones wrote:
>
> David Barnes (david_barnes@hp.com) wrote:
> : I'm a general class with no relatives or other reason to lay claim to a
> : previous callsign.
>
> : When will I be able to apply for a vanity callsign?
>
> Well, uh, 11 days ago.
>
> Jonesy
Well, uh, I don't think so...next is gate 3 for advanced class...not yet
announced (that I'm aware of) and then gate 4 for all others, I believe.
--
Dan

Daniel Velez | Aoooga! Aoooga!
dvelez@infi.net |
N4WZR@WD4MIZ.VA | Dive! Dive! Dive!

Date: 6 Oct 1996 09:35:15 -0400
From: gfoley@freenet.columbus.oh.us (Gerard Foley)
Subject: Zoological creatures was(question for carl and the no code group

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
,snip>
: >
: >No, where I think it needs strengthening is in operating practices;
: >things like radio etiquette, radio lore, perhaps some history and
: >tradition; good operating (no lids, no kids...), etc. Many hams
: >today, quite a few with extra class calls, are doing nothing but
: >yelling, shouting and using apalling language on the air. 20 meters
: >is often a zoo.
: >
: >We need to get these zoological creatures off the air, and perhaps
: >a written test that addresses the issue better might be the way to
: >"stiffen" up the ham radio written exam.

: I'm afraid that's not the answer. Many of these "zoological creatures"
: of which you speak are Extras with many years tenure in the amateur
: service. They have had ample opportunity to learn better ways of
: operating than they exhibit. It's not that they are unaware of good
: amateur practice, it is that they deliberately flout it. So a test
: of the sort you suggest would be of no value.

: For the vast majority of amateurs, peer pressure and good example
: have served well to establish good operating behaviors. For the

: few "zoological creatures" to which much reference is made, these
: tools have failed. Only strong enforcement action will correct
: this situation.

My casual listening on 20 makes me think that the situation has improved from some years ago, when the service nets were driven off 14.313 MHz by intentional abusive interference. It took a long time to get enforcement action in a handful of cases, but it seems to have been effective against a much larger group than the few who were penalized. We do need the FCC to do enforcement. Maybe there will be a change in the political climate this fall that will filter through to a regulatory agency like FCC.

If it does, I certainly hope it hits the way Gary advocates, and not in silly petty actions against occasional slips of the tongue. I agree with everything Gary Coffman says about this matter.

K8EF

--
Gerry

End of Info-Hams Digest V96 #1158
****

4494. Were you at Hosstraders/Rochester flea market?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: smooth@bu.edu
Message-ID: <538oss$p44@news.bu.edu>
Source record: 215364
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

Did you have a table at the Hosstraders/Rochester, NH flea market this past weekend (Oct. 4 and 5)?

I'm looking for someone who was there selling a Ms. Pac Man PCB and the Midway schematics manual. He was also selling milage counters for bikes and walkers.

I know this isn't really amateur radio related, but since it WAS a ham-radio flea market, this might be the place I can find that person.

If, by chance, you are that person, or know who that person was, PLEASE respond via e-mail to smooth@acs.bu.edu. It's important. Thanks a lot!

Joe
smooth@acs.bu.edu

4495. NEED IRC Software

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: Tuck Miller <kc6zec@amsat.org>
Message-ID: <3257E954.2BA5@amsat.org>
Source record: 215365

I would like to get some IRC software, so I can get on a chat with some of the folks. If you have such a critter, maybe you could send it to me as an attachment. Really would appreciate it.

73,

Tuck, KC6ZEC

tuck@pacbell.net

4496. Re: SCREW THE CODE!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: Tuck Miller <kc6zec@amsat.org>
Message-ID: <3257EB4D.60F1@amsat.org>
Source record: 215366

Frank Sved wrote:
>
> >
> > it's not a hobby, exactly. it's defined as a service in the rule books. that's an
> > important point. see basis and purpose in 97.1. to that end APRS needs
> > investigation and perfection so that fits in nicely...
>
> A "service" that you can't charge for, can't use professionally. You can
> only use it for non-lucrative goals and can't make a living at it?
> Sounds like a hobby to me. (unless one chooses to chase ambulances)
>
> >
> > Bill Newkirk WB9IVR The Space Coast Amateur

A service meaning providing communications in time of disaster or
emergencies, floods, earthquakes, hurricanes, bombings, plane crashes,
the list goes on. A service first, a hobby 2nd.

73,

Tuck, KC6ZEC

4497. NEED Clipperton mod

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: ernie@sgi.net
Message-ID: <325814D4.5959@sgi.net>
Source record: 215367

I have a Dentron Clipperton L amp and have been trying to find some info on a mod to allow operation on 10 meters. Does ANYONE have this info, or know where I can find it.
Thanks: Ernie,, KE3VC

4498. Re: New copy of license

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: Tuck Miller <kc6zec@amsat.org>
Message-ID: <3257EE2A.713@amsat.org>
Source record: 215368

Davis Straub wrote:
>
> My wallet was stolen with my license in it.
>
> I've looked around the web for instructions on how to get a new one, but
> didn't find anything.
>
> Could you be so good as to point me in the right direction?
>
> Thanks.
>
> --
> \\\^///
> < ï¿½ï¿½ï¿½ >
> ~
>
> Notice the new address (davis@halcyon.com)
>
> Davis Straub
> co-author with Brian Livingston of "Windows 95 Secrets Gold," IDG Books,
> Inc.
> "Windows 95 Secrets ... is the Jaws of Life for Windows 95 users."
> http://www.halcyon.com/davis/secrets.htm
> Seattle, Washington Just mail in another 610 and explain your wallet was stolen. That
should
help you out. 73, Tuck, KC6ZEC

4499. ICOM radios lose their minds? (backup battery issue)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: richw@yank.kitchener.on.ca
Message-ID: <19961006195129.richw@yank.kitchener.on.ca>
Source record: 215369

I have an ICOM IC-R71A receiver which I bought sometime in the mid-80's.

I vaguely recall reading on the net, some years ago, that there was a problem with some (all?) ICOM equipment because if the backup battery inside the unit failed, the operating parameters would all be lost and could only be restored by sending the unit back to ICOM for repair.

Is this true? Is it a general problem affecting all ICOM radios, or just some models? In particular, is this a problem with the IC-R71A? Is it feasible for the equipment owner to replace the battery without sending the radio to ICOM?

For what it may be worth, my IC-R71A has been working fine so far.

Rich Wales <richw@yank.kitchener.on.ca>
Kitchener, Ontario, Canada (originally from California, USA)
http://yank.kitchener.on.ca/~richw/ VE3HKZ / WA6SGA

4500. VHF Communications Magazine

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: Michael J Wooding <g6iqm@g6iqm.demon.co.uk>
Message-ID: <szT1NKATLBWyEw2n@g6iqm.demon.co.uk>
Source record: 215370
Cross-posted to:
uk.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.misc

Hi There,

To all our subscribers, please note that issue 3/1996 inland and surface has been shipped over the last 2 days. Air mail deliveries will be shipped tomorrow (07/10/96).

An index of the contents of this issue can be found on our WWW sites, as can details of subscribing to the magazine for anyone who may be interested.

http://www.eolas.co.uk/ag/vhfcomm.htm
http://www.clearlight.com/~vhfcomm
http://www.g6iqm.demon.co.uk/vhfcomm.htm

73 ... Mike

--
Michael J Wooding G6IQM email: vhf-comm@g6iqm.demon.co.uk
http://www.eolas.co.uk/ag/vhfcomm.htm & http://www.clearlight.com/~vhfcomm
KM Publications, 5 Ware Orchard, Barby, Nr.Rugby, CV23 8UF, UK
Tel: (0)1788 890365 Fax: (0)1788 891883
VHF Communications Magazine - Especially covering VHF, UHF and Microwaves

4501. Re: Info-Hams Digest V96 #1149

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct6.120157.10609@ke4zv.atl.ga.us>
Source record: 215371

In article <9610041551.AA10079@omnifest.uwm.edu> bartsch@omnifest.uwm.EDU (Paul L. Bartsch) writes:
>I'm getting sick and tired of seeing people post messages on turning 5 bucks
>into thousands. Why is this allowed? How does this pertain to amatuer radio.
>I would like other peoples thoughts on this.
>Thanks

It is "allowed" because usenet is still a free speech anarchy. There are no censors who rule on the content of a posting before allowing it to be distributed. For the most part, this is a very good thing, but it has a cost, and that cost is the occasional fast buck artist's posting. Fortunately, unlike solicitation phone calls, you don't have to read this stuff. You can just hit whatever key your reader uses for next message and ignore it.

If you feel that you really must be policeman for the net, these pyramid schemes are illegal activities, and you can forward them to the proper authorities for prosecution. If they solicit cash via US mail, as most do, then the proper authority is the postal inspector because this is considered mail fraud. Just send them the money that they request, then file a complaint with the post office that you've been taken. If you do this for every one of these postings, a lot of people will wind up in jail. You may wind up in the poor house, but hey, no one said a policeman's lot was easy.

Gary
--
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Lawrenceville, GA 30244 | |

4502. Re: New copy of license

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct6.121021.10718@ke4zv.atl.ga.us>
Source record: 215372

In article <01bbb305$8a35a340$31111dcc@davis-p166> "Davis Straub" <davis@halcyon.com>
writes:
>My wallet was stolen with my license in it.
>
>I've looked around the web for instructions on how to get a new one, but
>didn't find anything.
>
>Could you be so good as to point me in the right direction?

Just write a letter to the FCC explaining the circumstances of the
loss and they will send you a replacement license. They see this
every day, it's no big deal, and no charge.

I will suggest that you should keep your original license in a safe
place and only carry a photocopy in the future. That'll avoid the
necessity to write the FCC if this happens again. Or if you run
your wallet through the washer, as I once did. :-(

Gary
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4503. Re: HF Amateur Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct6.114714.10504@ke4zv.atl.ga.us>
Source record: 215373
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <01bbb25d$2649e420$76070ccf@jim-reid-1> "Jim Reid" <jreid@aloha.net> writes:
>There has been much posted about data through put rates,
>capacity, efficiency, etc on these newsgroups of late,
>mostly to point up the antiquity surrounding CW! However,
>much has been implied that these other alternative, modern,
>though not new techniques are better.
>
>Well then, to what purpose have radio amateurs used the
>HF bands, that is up to 30 mHz?
>
>Since the most early days of the hobby, the thrill of THE CONTACT
>has been the lure of HF; certainly not quantity nor "quality" of data,
>other than the essentials to be sure a real contact had occured. This
>was also true for Marconi, Tesla and Hertz--did he hear me, and I DID
>hear him and responded.

Actually, Marconi only cared about the fact of the contact *once*
to demonstrate to his backers that transoceanic contacts were
possible. Once he established that, he concentrated on increasing
throughput to make it a commercially viable service. Tesla too
concentrated on making *use* of his signals once he determined
that they existed, using them in 1895 to radio control a model
ship for example.

Early amateurs also concentrated on the practical *use* of their
equipment, with the American Radio *Relay* League formed to convey
messages further than a single amateur could manage to send. Early
amateur literature is full of exhortations to amateurs to improve the
speed and accuracy, IE *throughput*, of their stations so as to more
efficiently serve the purpose of message relay.

The radio pioneers weren't playing a game, they saw *application*
of radio waves as their direct goal. The game playing didn't come
until much later, long after the practicality of contact had been
proved feasible, and had in fact been made a commercial reality
by others.

Hertz was the exception to this in that he wasn't interested in
using radio waves. His interest was in exploring their properties.
His was a "pure" science interest of the mid-Victorian sort.

>That is the entire point of the QRP branch of the HF hobby: can I make
>the contact! That is all that is looked for, nearly exclusively on the
>very difficult to operate 160 meter band!! Can I hear anyone tonight,
>and if I do, can I make a contact with him/her? That is the fun of

>160 meter hamming.

To an extent, I can admire the QRP operator. He is, like Hertz,
exploring the limits of the properties of the Hertzian wave.
But mostly he is handicapping himself in the presence of Gaussian
noise by failing to use techniques that allow contacts at lower
signal levels, and/or with greater throughput. If the QRP operator
were really doing scientific enquiry like Hertz, he would be
trying to push the limits of more than just the power level at
which CW could be heard by ear. (A few QRP operators are doing
just that, but they're called Lowfers and not radio amateurs.)

>Contesting -- the bane to many on contest weekends, but on those
>weekends absolutely several thousand HF amateurs, all over the world,
>on every continent and in well over 100 REAL countires are on the air
>for 48 hours straight. Why: to make as many CONTACTS with as
>many others, in as many different places, contintents and countries
>as they possibly can. Expense is NOT an issue with many Super
>Station Big Gun owners. As much money goes into these stations as
>does any stable of Ferrari racing equipment, perhaps more. There is
>one contest station in the upper Midwest with 42, count them, 42
>antenna towers!! Stacks of monoband arrays, multiplt rig setups,
>computer networks to every tower, rig and operaor position, etc, etc.
>Why, to make a few thousand contacts at a rate of up to 300 per
>hour on a given band by a given position operator at peak band
>condition times. And they need skill, loads of band propogation smarts
>experience, and the very BEST of equipment to do it. Why? to show
>they made more contacts to more places than anyone else on the
>planet during those 48 hours; it causes there adrenalin to flow
>greatly for all those hours, and creates a great high!!

Contesting, like racing, was once touted as a method to "improve
the breed", and in fact it may have once done so. But just as
racing has ceased to be an important source of innovation due
to formula and class restrictions, so too has amateur contesting
ceased to be a method of improving the breed. It has become pure
sport, a game with no real purpose other than entertainment. It
is now no different from golf or tennis, except that at least
in golf and tennis some worthwhile physical exercise is gained
in the process of the competition.

>Someone posted the opinion that the Old Farts were just interested in
>collecting postcards (QSL's). They do give assurance of THE CONTACT.
>These cards are useful to the individual on a day/night when the HF
>bands are dead or too noisy. Then one can look through the stack,
>and relive the QSO or contact, brief as it might have been, but perhaps
>very tough to have gotten through! Or, mine make a very decroative
>blanket of wall covering! Quite colorful many, and does impress
>visitors, if they happen to give a hoot about my hobby!

I'm sure stamp collectors feel the same way about their collections.
They can regale their bored visitors with tales of stalking the

wily double print stamp through auctions, and the furious "action"
of the bidding to get it, just as you can the collection of your
cards. Unfortunately, their collections serve about the same purpose
as well, that is as decorative displays.

>Secondarily, the HF bands are a meeting place for old friends, and
>a casual, very casual, conversation with a stranger, who just might
>become a new friend. These occur on both SSB and CW modes every
>day, and night.

It certainly can, and is one of the purposes of amateur radio,
but with CW you can't say much of interest. Thus the friendships
are tenuous at best. How much can you really learn about another
person at only a few words per minute? I'd suggest not very much.
That often becomes painfully obvious when at last there is a face
to face meeting. More than mere physical appearance comes as a shock.
You often quickly discover you really don't know much about the
person at all.

>So until the HF band amateur discovers another way to really have
>lots of fun, they way it has been since the beginning of amateur radio.
>I suspect they will continue having fun the old way. RTTY has been
>gaining in popularity the last several years, not because of a great
>data rate, which it isn't, but it does allow a lot of contacts with a lot
>of people, all over the world, especially on RTTY contest weekends.

While it is true that RTTY has unfortunately been discovered by the
gamers, there is still plenty of conversation occurring between RTTY
operators. 60 WPM may still be a low data rate, but it is worlds better
than that typical for CW contacts. And, of course, many operators have
moved beyond RTTY to better techniques. In fact, RTTY activity is
declining, and PACTOR has now become the dominant digital method in
use on HF. (That'll likely be supplanted by PACTOR II and/or Clover
in the near future since either is clearly superior.)

>Might say RTTY has been discovered as another way to really
>have some fun on HF. Of course it grew out of an earlier brach of
>the hobby which was connecting up the old Western Union and AP
>mechanical RTTY gear to the HF rig! Now that was fun; even have
>a couple of those out here in Hawaii (did someone post that this
>might be the "armpit" of the Pacific, well maybe some places in
>the wrong part of town in Honolulu, but NOT on rural, calm, beautiful,
>green, garden island of Kauai!!).
>
>So, most of the arguments being posted on these reflectors are not
>that meaningful to todays really active HF band amateur. He is already
>having a lot of fun, the old way.

I don't think anyone is suggesting amateurs aren't having fun using
the old ways. There are many sources of fun. Some, like spraying
gang graffiti on walls, is anti-social, and some, like assisting
in a neighborhood beautification project, is not anti-social, but

it is all fun. No one participating is getting paid in any other coin. I would suggest, however, that it is better to derive fun and satisfaction from more progressive and useful activities than it is to rehash old exploits over and over again. Just how many times must DXCC be accomplished before it is accepted by everyone as a done deal?

>Notice, I have said nothing about technical training, emergency service,
>etc. in this piece. However, my station did save the ship Sea Harvest
>from being taken over by Cuba or Caribean Pirates one very stormy
>June night in 1992. The only signal the ship captain could cause to
>pay any attention that night was not on the marine bands, but he
>came up into the 20 meter SSB band, 14245 actually, and yelled
>at me until he got my attention!!
>
>For reasons known only to the God of propogation, my signal was
>the ONLY signal he could find with his on-ship gear!

That could be due in part to the relatively low numbers of amateurs on HF at the time, and also to, as you note, the lack of frequency agility of his equipment, or more likely to his lack of knowledge of propagation. I'd note parenthetically that the signals of the ham station at the medical school on Grenada blanketed much of the southeast during the invasion, and that the stations of Mexican amateurs reached much of the southwest and southeast during the earthquake there. That wasn't apparent, however, until stations in those areas starting listening for those signals.

If there's a lesson to be drawn from this, it is that large numbers of stations listening for the signals of stations in distress may be beneficial. But this has long been known by the maritime and aeronautical services. You suggest that failed in this case, and that may be true (or it may be that the operator in distress wasn't skilled enough to select an appropriate watch frequency). In any event, amateurs aren't strong on passive listening, so for amateurs the lesson may be to get and keep high activity by many geographically dispersed stations so that should an unskilled operator in distress call there would be someone present to hear the call.

> We were in QSO from here on Kauai
>with some guys back in the Carolinas; they could not here the ship
>which was obviously much closer to them than to Hawaii, peculiarity
>of 20 meter skip. But they did land line the Coast Guard, and my station
>acted as the relay for instructions. Is a very long story and has been
>written up in both the W5YI Report(July 1, 1992) and QST (March 1993).
>So real HF amateurs have, upon occasion, been of real, life saving
>benefit to someone in real trouble!!
>
>Just being on the band with good equipment, a bit of wisdom, and a
>willingness to jump in and spend a few hours helping someone in trouble
>is also a part of the spirit of HF band hamming. High speed data gear,

>spread spectrum, etc., would have been useless in the emergency
>situation above. And talk about the HIGH experienced by yours truly
>as a result of that encounter!

Indeed, and I would note parenthetically that CW skills would also
have proved useless in that situation (and are growing less useful
by the minute due changes in maritime communications regulations).
For the unskilled and ill equipped operator in distress, plain old
voice communications still have an important role.

But if the operator in distress had possessed digital or SS equipment,
you would have been unable to assist. It is a two way street. Digital
comms have proven useful in a number of recent emergencies, witness the
invasion of Kuwait story recently chronicled in QST for an HF example,
or any of a number of occasions when packet has been used to assist in
disaster communications after earthquakes, fires, floods, etc, and
that trend is very likely to grow.

From the perspective from which we currently stand, if we look
backward, we see an increasing reliance on AM, CW, or spark as
we go further back in time, but if we look forward, we see an
increasing reliance on SSB, modern digital text methods of a
number of -TOR sorts, SS, ALE, etc as the techniques of the future.
In which direction should we prepare, for the past, or for the
future? Are amateurs to serve as a reservoir of antique technics,
or are we to be in the forefront of communications technology as
we were until recent times?

There's fun to be found in either direction, but I know which
way I want amateur radio to go, and that isn't to yet another
rehash of past triumphs. Note well that I'm not suggesting that
we *ban* older methods. I am suggesting that we place an increased
emphasis on newer technics and less on older methods, both in
licensing and in our on-air activities. As the twig is bent,
so grows the tree, and I want our newer operators to be inclined
toward the future rather than toward the past.

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4504. Re: New copy of license

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: griffin@jgfl1.allcon.com
Message-ID: <DyvGGw.5s@jgfl1.allcon.com>
Source record: 215374

Anthony S. Pelliccio (kd1nr@anomaly.ideamation.com) wrote:
> In article <01bbb306$57490700$31111dcc@davis-p166>,
> Davis Straub <davis@halcyon.com> wrote:
[...]
> I carry a photocopy of my license in my wallet. The original is
> laminated and stays at home 99.9% of the time along with my station
> license (The 5x7), GROL, etc...

> So spend the ten cents and get those copies.

Better make copies of _all_ your papers. I once had my wallet
stolen and just getting the necessary information and serial
numbers of everything in your wallet took me _two_days_.

I now keep two sets of copies at different places, just in case.

Just my $.02,
Jens, DB9LL
--
What _was_ you username again? <clickety clickety click>

4505. Re: Theory Question

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct6.133839.11115@ke4zv.atl.ga.us>
Source record: 215375

In article <52vnbs$bho@news.Hawaii.Edu> jherman@Hawaii.Edu (Jeffrey Herman) writes:
>In article <52uu1k$fu6@nntp-2.io.com>, <kk5dr@io.com> wrote:
>>What Theoretical Meter band has an antenna of infinite gain ?
>
>Zero meters?
>
>KH2PZ

Justify.

I'll admit that the answer seems intuitively compelling. As you approach the limit of zero wavelength, any antenna of finite physical size becomes larger and larger in terms of wavelength. And we know in general that as an antenna becomes larger in terms of wavelength its gain increases. For most antenna forms, however, there is a point of diminishing returns. Long wires, Vee beams, yagis, etc, can actually become so large in terms of wavelength that their gain decreases, IE sidelobes begin to dominate. And that often doesn't require many wavelengths in size before that occurs.

A perfect parabolic reflector would seem to be an exception to this rule of diminishing returns, but even it has a feed, and that feed is usually of a form with a point of diminishing returns. More importantly, the beam formed can't be smaller than the diameter of the dish, which is finite and therefore can't have infinite gain. An antenna of infinite gain must generate a beam of zero diameter. And an antenna of zero dimension is by definition an isotropic point and has, again by definition, zero gain. Therefore I'm compelled to suggest that an antenna of infinite gain can't exist at a wavelength of zero meters, that point represents a discontinuity of the gain function.

It should also be obvious why an antenna operating at a longer wavelength than zero can't have infinite gain. That's because the photons generated have greater than zero dimension (or in classical terms, the wave energy is spread through the transverse E and H fields over a finite distance proportional to wavelength), thus the point of focus must be larger than zero, and thus have less than infinite power density. So we must assert that an antenna of infinite gain is impossible, even in theory, regardless of wavelength chosen.

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4506. ET3YU - NEW QSL ROUTE

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: dragans@EUnet.yu
Message-ID: <539a7p$54h@Solair3.EUnet.yu>
Source record: 215376

Hi for all.

As I finished my mission in Ethiopia the QSL route in Addis Ababa
isn't in use any more.

The new route is:

Dragan Stojanovic
Dusana Vukasovica 82/20
11070 Novi Beograd
YUGOSLAVIA

Till now I have exchanged about 4.000 QSL's out of 14.000 QSO's.

73's

Dragan - ET3YU

Dragan Stojanovic <> dragans@EUnet.yu

4507. Re: VANITY CALAMITY

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct6.143624.11415@ke4zv.atl.ga.us>
Source record: 215377

In article <53247j$dpt@redstone.interpath.net> cphillips@pobox.com writes:
>joseph barros <jbarros@ici.net> wrote:
>>Just found out that all this fuss about getting applications in on the
>>opening day of gate 2 was a BIG waste of time. First in first out
>>doesn't apply. It's a big "lottery" system (as it was described in a
>
> I agree. I had read that the first applications received would be the
>first processed, so I made an extra effort (no pun intended :-) to make
>sure mine would be there early.
>
>>WWW page). All info is being entered into a computer and entries will be
>>selected at random and their respective call signs issued. I thought I
>>remember reading that calls were supposed to be issued on a first come
>>first serve basis! But, then again I guess the saying, "I'm from the
>
> Same here, and I'm not very happy about it either.

Well, the system *is* first in, first out, but the firsts are *days*.
That's because the mail is delivered daily in batches, not one letter
at a time all day long.

It would be impossible to determine which letter in a large bag of letters
delivered by the postal authorities (or private equivalents) is "first"
and which is "last" except by some arbitrary selection method. Since
the incoming mail is inevitably delivered in a batch, and that's outside
FCC control, they have to use some arbitrary method to select which has
first priority. A random lottery among each day's receipts seems the
fairest method.

It would be just as much a lottery if they took the first letter at
the top of a mail bag first and the letter at the bottom of the mail
bag last. The relative positions of the letters in the bag would be
no less random. But since the truck delivering the mail no doubt
had many bags, entering them all in the computer first is more fair
than processing them bag at a time since that inevitably favors
those in the bag first opened (which is likely to have been the
last bag loaded on the truck, think about it).

Do you have a better suggestion for prioritizing the letters in
a bag, or group of bags, all delivered at the same time?

Email would sort the entries in time order one by one, but that
order wouldn't necessarily be the order in which they were sent.
I still get Email that was sent days ago thanks to the vagaries
of internet routing and the workings of POP servers. And I seriously
doubt that the FCC's web presence is up to handling 4,500 near

simultaneous logins.

The only feasible alternative I can see would have been to disallow mail entries altogether and require amateurs to queue up individually in person outside the door to hand deliver their requuests one at a time. That would favor amateurs local to the area, of course, and couldn't be considered fair either in a national system.

Gary
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4508. Re: 10 Meter Freqs

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <539fui$1ju@lehi.kuentos.guam.net>
Source record: 215378

Bigdad <Bigdad@Rworld.com> wrote:

>To save me the time hunting and maybe someone else is
>wondering...what is the frequency range that and modes that a
>class C technician license holder may use? Thanks!

We'd be glad to help you. But first you have to tell us what a 'class C'
technician license is .....

73, Jim KH2D

4509. Re: HF Amateur Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <539fpb$1ju@lehi.kuentos.guam.net>
Source record: 215379
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>While it is true that RTTY has unfortunately been discovered by the
>gamers

Years ago. But please explain to us why it is 'unfortunate', Gary ? Do you mean to imply that certain things in amatuer radio should be kept only for a certain subset of hams, and that when the general public of ham radio finds out about them it is unfortunate ?

73, Jim KH2D

4510. Spread Spectrum on the HF Ham Bands

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: Jim Reid <jreid@aloha.net>
Message-ID: <01bbb3e0$07e4c520$LocalHost@jim-reid-1>
Source record: 215380
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Spread Spectrum modulation techniques have been suggested
as the solution to band crowding. Also the technique is said to
be an excellent weak signal, dense signal environment
mode for amateurs.

Well there are problems not being considered by those proponents
of this technology. As Carl, and perhaps others have noted,
there are restrictions about modulation techniques for the
HF amateur bands. Why?

Not because of technology problems; but because of so called
"National Interests". What?

Recall the QPSK modulated radio I mentioned a few days ago.
About 25 years ago this radio was developed to allow the direct
microwave transmission of the new Bell System T1 TDM/PCM
carrier. This innovation of the Bell Labs would allow many more
POTS (plain old telephone signals) on a pair of twisted copper
wires than was poosible with the existing FDM technique, which
was then being used to modulate FM microwave radios for
transmission across large distances at lower cost than wire
trunks.

A radio was developed which could accept more than one T1
circuit and squirt it all out on a single 2gHz band beam. The
transmitted signal was a type of spread spectrum sort when
viewed with a spectrum analyzer. It further developed that two
such radios could simultaneosly use the same frequency if the
beams were cross polarized at the microwave antenna: this
meant a whole lot of POTS channels all together in the same
spectrum space at the same time. This was a great commercial
development, was dutifully and excitedly written up per the proper
format, and all submitted off with much data to the FCC for the
anticipated Type Acceptance so marketing and the revolution of
the phone system could begin!

But some weeks later, back came the package, disapproved!!??
Why? It worked beautifully well.

The FCC routes these Type Acceptance documents off to other
government agencies for a chop, identity is not important here.
But the problem, as explained to us was that the signals could
not be decoded by a casual observoer. A who?? To demodulate,
and understand the POTS information was the problem. An
interceptor of the signal must have apriori knowledge of the QPSK

scheme in order to copy the information content. It seems
it is in the national interest of the United States, at times, to be
able to do this, even to telephone common carrier traffic, a la
court approved "wire tapping", but in this case tapping in and
demodulating the microwave signals!! So certain things were
modified, the unnamed government agencies were satisfied,
and Type Acciptance was, at last, given.

Amateur signals have characteristics of interest to a sovereign
nation beyond the parameters we usually consider. Our HF
signals can be detected, that is they are not somehow hidden,
for example below the thermal noise level of the ktB sort plus
system noise; they are open for anyone to receive, demodulate
and understand the information being transmitted (amateurs
are prohibited from transmitting covertly or to convey commercial,
paid for, traffic, for example), therefore the FCC still maintains
monitoring stations, among other things, for example, to assure
the common carrier tariffed operators that amateurs are not
carrying commercial traffic. So the FCC sees to it that no
amateur band signal is transmitted which is non-detectable
nor non-decipheralbe/demodulatable (if that is a word). And,
it is in the national interest, at times, to be able to deny the
transmission of signals carrying information. So amateur band
signals are all of a sort that are easily detectable by present
US government monitoring equipment, and could, if needed,
be denied (jammed).

For these reasons alone, the possibility that any amateur band
transmission at HF will ever be sanctioned which could operate
below the noise level, simultaneously with many others of the
same sort, using spread spectrum techniques which allow them
to be separately detected and individually demodulated (which
does require apriori knowledge about unique and individual
transmission parameters by both transmitter and recipient) will
NEVER be allowed in the U S of A ! Each such signal must
have a unique parameter other wise it could not be separated,
detected and decoded from among the other simultaneous
spread spectrum signals. Technology is not the problem,
but because it might become detrimental to the sovereign
interest. Further, such spread spectrum signals at HF,
as being proposed, could not be separately and individually
selected for denial to a particular recipient by jamming;
all signals in the spectral region would also be jammed,
or more nicely, denied.

We will surely be getting along fine with RTTY (and others
of the sort), CW and SSB for years to come on the HF
amateur radio bands. All are easily detected and copied
by those agencies with sufficient interest to do so. Even the
so called "closed" HF packet signals going off to bulletin
boards, etc.

We will continue to do the sorts of things HF amateurs have enjoyed doing for decades; but with much more sophisticated digital techniques of signal processing as some others have discussed recently here on the newsgroups.

Just some more thoughts on another rather warm Sunday afternoon an hour or so befor the first Great Debate!

73, Jim, AH6NB

4511. What features for 2M mobile?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: gradyr@mindspring.com
Message-ID: <gradyr-ya023080000610961916400001@news.mindspring.com>
Source record: 215381

With the purchase of a 2m mobile in the near future, was wanting a little input on features to look for. I haven't decided between just a 2M or a 2M/70cm unit...the deciding factor will be cost. So what type of features will I look for? What are mandatory and what are just added features. Any help on this appreciated...if you can, explain why! I'm new to this and willing to learn.

TIA,
Grady Russell
KF4LDO

4512. Re: Vanity Call Delay.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: "T.J. Alessi" <Tom@Alessi.Com>
Message-ID: <32584550.1DB6@Alessi.Com>
Source record: 215382

Chris Conklin (n0pav) wrote:
>
> Let's see: 4500 on the first day, at $30 a pop = $135,000.
> Figure the average governmental key-puncher in Gettysburg makes under
> $30,000 a year - the *FIRST DAY* of gate 2 should pay the salary of 4
> new employees for the next 365 days.
>
> Let us be generous and give them 2 minutes to enter each application
> **very carefully** - this means the 4 employees should do 960
> applications in an 8 hour work day. This means that all of the 4500
> +/- applications received on 9/23 should have been completed no later
> than Monday 9/30.
>
> Seems to me, there are not enough people entering forms, or they are
> trying their damnest to convince me that all government workers are
> lazy non-productive slags (which they are not).
>
> Mind you- my 4 employee estimate assumes a full year's employment,
> when they could certainly justify getting some temp clericals for 2
> months- lets say $15 an hour to be really generous - assuming 40 hour
> work weeks, 8 weeks total - this would afford 28 employees.
>
> Seems to me our $30 isn't buying much in the way of "administrative
> burden support."
>

Ditto!
(D-day +13, but who is counting?)

--

T.J. Alessi, WB1L E-Mail: Tom@Alessi.Com
147 Joffre Avenue www.discovernet.net/usr/alessi
Stamford, Connecticut 06905 Voice: 203.977.5200

4513. looking for 2 or 6m all mode

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: "Mr.Macphisto" <zootv@erols.com>
Message-ID: <3258756F.78CD@erols.com>
Source record: 215383

hi
i'm looking for a 2m or 6m all mode rig. Both in the same box would be
great, also. Are there any good web sites with swap lists? thanks!
Mike, KD4RNF

4514. Re: Help: RFI with TV

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct6.225738.13420@ke4zv.atl.ga.us>
Source record: 215384

In article <537s3f$g4f@csun2.csun.edu> hbcsc274@huey.csun.edu (jerry wang) writes:
>I just installed a 2-meter 5/8 wave vertical mag mount antenna on top of
>the air conditioner on the roof. My radio is a Radio Shack HTX 212
>mobile used as a base station. Whenever I transmit on any 2 meter
>frequency, channel 18 goes out
>on all of my tv's. The tv's are hooked up to cable, and not antennas.
>My neighbor's who also has cable has channel 18 go out when I transmit as
>well. My minimum transmit power is 10 watts on the HTX 212.
>Even at low power, channel 18 goes out with a bunch of snow on the
>screen. As soon as I let go of the PTT, it's back to normal.
>It only happens on channel 18. How can I fix this?
>Btw, the roof is about 20 feet up.
>Any help is appreciated.
>
>jerry - ke6uux

Well, Jerry, cable ch 18 *is* the 2m band, so filters won't help.
All you can do is tighten up the cable system so there's no signal
ingress, and make sure your signal only egresses your coax at the
antenna, IE use good quality coax and a choke balun if that seems
appropriate to keep the outside of the coax "cold".

It sounds like there's a *serious* leak in the cable TV system
nearby. Sniff around 145.18 MHz and see if you hear anything.
If you do, it's probably cable signal leaking out. Any time
cable signal can leak *out*, amateur signals can leak *in*.

Likely causes are illegal cable taps, or a break in the cable
trunk shielding. Call the cable company. They're required to
fix this sort of leakage.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4515. CB Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: blanley@aol.com
Message-ID: <539j9u$c6j@newsbf02.news.aol.com>
Source record: 215385

Web site, is there one ? blacker@netcom.ca

4516. IPS Daily Report - 06 October 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <539ecc$eq5@flare.syd.ips.oz.au>
Source record: 215386
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 06/2330Z OCTOBER 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE AUSTRALIAN SPACE FORECAST CENTRE
SUMMARY FOR 06 OCTOBER AND FORECAST FOR 07 OCTOBER - 09 OCTOBER

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 69/3

GOES satellite data for 05 Oct
Daily Proton Fluence >1 MeV: 1.6E+06
Daily Proton Fluence >10 MeV: 1.7E+04
Daily Electron Fluence >2 MeV: 2.7E+07 (normal)
X-ray background: A1.0
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
07 Oct 08 Oct 09 Oct
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 07 Oct: 68/2

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Quiet

Estimated Indices : A K Observed A Index 05 Oct
Learmonth 5 2221 2111
Fredericksburg 5 3
Planetary 5 3

Observed Kp for 05 Oct: 1111 1011

2B. MAGNETIC FORECAST
Date Ap Conditions
07 Oct 7 Quiet to unsettled
08 Oct 10 Unsettled
09 Oct 10 Unsettled
COMMENT: Recurrence suggests active conditions for 7-9 October
currently observations are unable to substantiate this.

3A. GLOBAL HF PROPAGATION SUMMARY

Latitude Band
Date Low Middle High
06 Oct Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
07 Oct Normal Normal Normal
08 Oct Normal Normal Fair
09 Oct Normal Normal Fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
06 Oct 7

Observed Australian Regional MUFs:
Darwin: No data.
Townsville: near to 10% below predicted monthly values.
Sydney: near predicted monthly values with spread F 10-19UT.
Hobart: near predicted monthly values with spread F 8-19UT.

Predicted Monthly T index for October: 10

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
07 Oct 5 near predicted monthly values
08 Oct 0 about 10% below predicted monthly values
09 Oct 0 about 10% below predicted monthly values

--
IPS Radio and Space Services | email: asfc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/asfc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
tel: +61 2 94148300 | fax: +61 2 94148331

4517. UHF Equipment Needed!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: scott.mcquilkin@hal.apk.net
Message-ID: <HAM_MISC.F1A4@hal.apk.net>
Source record: 215387

```
<> Attention Hams <>

USED or ReConditioned Portable and Mobile Tranceiver Radios WANTED!!!

PORTABLE: 5w, 2chnl (min), Tone Card, Antenna (Extendable/Rubber)
2 Battery Pack(s), 1-Charging Unit.

MOBILE: 25w, 2chnl (min), Tone Card, Antenna (Magnetic/RoofMount),

Unit(s) should be programable or crystallable for the 460mhz range.
- They should also include Cigarette Plug Adapter(s).

We are Offering up to $150.00 for each of these unit(s).

Anyone in LEGAL possession of this equipment should call the office
and discuss your terms with them.

... -=[ Gray Investigation Agency * Cleveland, Ohio @ [216] 333-7111 ]=-

---
```

 Blue Wave/QWK v2.20 [NR]

4518. subscribe

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: Tom C <tomc@tiac.net>
Message-ID: <325876E5.79B1@tiac.net>
Source record: 215388

Please subscribe me to rec.radio.amateur.misc...thanks

4519. Re: ARRL Elections a Sham, AGAIN!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: Steve Wolf <no8m@apk.net>
Message-ID: <01bbb3c8$c211d400$b908b7ce@no8m>
Source record: 215389

What rule? No crap ... just the text of the rule they used.

--
73,
Steve
Amateur Radio: no8m@no8m.#neoh.oh.usa.na
Internet: no8m@apk.net
MSYS Mail List: msys-request@hamnet.org ("info" for title)

> There was at least one other candidate that I know of who had the
> required number of signatures on a petition who outwardly, at least,
> fulfilled all the requirements to run in the election. But, since his
> politics did not pass muster, the headquarters staff found some arcane
> rule which barred his running in the election.

4520. Ohio/Penn DX Bulletin #273

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: kb8nw@barf80.nshore.org
Message-ID: <$opdx.273.1996@ampr.org>
Source record: 215390
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.dx,rec.radio.info

SB DX @ WW $OPDX.273
Ohio/Penn DX Bulletin No. 273

The Ohio/Penn Dx PacketCluster
DX Bulletin No. 273
BID: $OPDX.273
October 7, 1996
Editor Tedd Mirgliotta, KB8NW
Provided by BARF-80 BBS Cleveland, Ohio
Online at 216-237-8208 14400/9600/2400/1200/300 8/N/1

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, K1VV, WU1F, W5IJU & Island News, W7TSQ, WA8JOC, K0DEQ, KI0W, I4UFH, LU6EF, PA3GBQ, PT2NP, PS7AB and SM0BFJ following DX information.

3B9, RODRIGUES ISLANDS. Jon, EA2KL, and Luis, EA3ELM, are making plans to be active from Rodriguez Island, possibly October 31st to November 5th. If everything receives an OK from the Ministery of Communications in in Mauritius (3B8), they plan to be active on 80-10 meters including the WARC bands. Operations will be on CW, SSB and RTTY. The QSL information was not provided at this time.

8P, BARBADOS. Jack/K3KG, Steve/(callsign not provide), John/N6YRU and Vic/KI6IM will be active as 8P9Z as a Multi/Single effort in the CQWW SSB Contest, October 26-27th.

9G, GHANA. Steve, PA3GBQ, reports he will once again spend his holiday in Ghana. He will be there in time to participate in the ARRL CW Contest (and possibily the SSB one also). His callsign will be 9G5BQ, and he has some plans to operate from on top of a mountain with nothing between USA and antenna than air. He has not yet decided what category to run (Single Op/ Multi or Single Band). Steve states he will also try to get a license for 160 meter this year (This is not allowed with a 9G5 callsign.).

A3, TONGA. Bob, W7TSQ, will be active as A35SQ from October 16-28th. His operation will include participation in the CQWW Contest. His plans are to operate all bands except perhaps 160. On his arrival, Bob will be helping Paul (KK6H), A35RK, install new antennas. By the way (BTW), Bob, is the QSL Manager for Paul. QSLs for A35SQ and A35RK go ONLY to W7TSQ with NO to A3 bureau active.

HEARD AND WORKED ON RS-12. This week Joel, WU1F (from FN42 - MA), reports EI4CL, 9Y4VU, F5RRS, EA3AHE and EI7CC were active. He also

reports RS-15 is now working Mode K (15 up and 10 down).

IG9, LAMPEDUSA ISLAND (ITALY). Fabio, I4UFH, reports after good results in the 1995 CQWW Phone Contest (IG9W), a team will once again be active from IOTA AF-019 for the 1996 CQWW Phone Contest effort. Operations will be from October 20-27th. This year they will cover all the 6 band, as a Single Band/Single Op effort. Look for the following (callsign - and band): IG9/IV3TAN - 160 meters, IG9/I4UFH - 80, IG9/IT9GSF - 40, IG9/IK2QEI - 20, IG9/IT9EQO - 15 and IG9/IT9GEZ - 10. There will be a little activity before the Contest to tune-up the equipment. QSLs will be handled by IV3TAN.

KH8, AMERICAN SAMOA. Members of the Yamata ARS will be active this week from Ofu Island starting October 9-11th. Look for operators JA1JQY, JA1KJW, JR1LVB, JA3MCA, JA8VE, JA0KNM, JD1BIK and 7L3MNH to sign homecall/KH8. Operations will be CW, SSB and satellites with activity on 80-10 meters. QSL to CBA.

ON THE ROAD AGAIN (or should we say sea!). Ron, ZL1AMO, is once again and currently active from Fiji as 3D2RW. Activity is mainly on CW, 80, 40 and 15 meters. He was heard also on SSB operating around 3796-3799 kHz at 1145z. On October 2nd, Ron stated he would be leaving for T2 (Tuvalu) soon and would be active as T28RW. QSL via ZL1AMO.

QSL NEWS AND UPDATES......
Whitey, K1VV, states he is "NOT" the QSL Manger for EP2EXX. He has been receiving DX QSLs every day for EP2EXX and doesn't know how he got listed as his manager.

The ABRA-DX Brazilian Association has informed OPDX that the first QSLs for the DXpedition from Coroa Vermelha Island (last January, ZW6C and ZX6C) were sent out. They would like to thank all those who made a contact with them, and those for being patient on waiting for the cards. They state the cards are worth the wait.

CY0AA QSLs. Ken, WA8JOC, reports the final proof was OK'd on Monday, September 30th, and WJ2O should be printing them within the next several days. They hope to have the cards within 1-2 weeks at the QSL Manager's QTH. They already have the labels printed for all cards received direct, with the exception of "NOT IN LOG", or band QSO problems. "98% are ready to go!", states Ken. The QSL will be a bifold, 2 faced QSL, and it will be well worth the wait for all. Finally, Ken states, "... Thank you for your patience, and financial support which has continued. The almost 16000 QSOs we made from CY0AA, made many many hams very happy for an all time "NEW ONE", we've been told countless times in the QSL envelopes. We're glad we were able to do it for you. On behalf of Mike/VE9AA, Wayne/K8LEE, and myself... Good DX and 73! KEN, WA8JOC"

The LU6Z GACW Manager, Raul, LU6EF, reports that 1850 direct QSLs have been answered, with some cards going out through the bureau. They also report that about 15 to 20% of the mail sent to them have

had the envelopes opened and resealed. They also believe some cards did not make it because the envelopes were stolen for the green stamps and IRCs. Raul states answering the cards is a slow process because it is a "ONE MAN-HANDMADE AFFAIR". An announcement will be made to let everyone know when all the cards have been answered so that individuals can send a second request if they did not receive their cards. ADDED NOTE: Sending cards to LU-land today is a big problem. They recommend NOT to send green stamps, but IRCs instead. DO NOT PUT callsigns on the envelopes and they suggest to send mail to: Box 9, 1875 Wilde, Baires, Argentina, ONLY.

Leif, SM0BFJ, (QSL Manager for Gus, 9Q5TE, 9X/SM5DIC, 5X1D) reports that on December 31, 1996, he will close the log and QSL for 9Q5TE for the period August 1989 - April 1992.

ZV0, MARTIM VAZ ISLAND. Just a reminder that Stuckert/PT2GTI, Paul/PT2NP and Lunkes/PT2HF from the ABRA-DX Brazilian Association will be active this week. The team was to be active as of October 7th, but because of a delay, look for them on October 8th (Stay tuned on the SSB IOTA frequencies and 5/10 kHz from the low edge bands on CW). The team will be taking a helicopter trip from Trindade to Martim Vaz Island, which is a big rock of about 130 meters high over Atlantic Ocean. It will be the first operation in the history of that island and the first time that somebody inhabited it. This will be a short operation only lasting two days. Look for the callsigns: ZV0MB for SSB and ZV0MV for CW. QSL only via PT2GTI (OK in CBA). Cards can be sent either directly or via the bureau. Their land coordinator, Ari, PT2BW, will assist them on the Brazil DX Net (14240 kHz, 0900z).

ZK3, TOKELAU. The "Island News" reports Yvette, F3YA, is active for the next three years as ZK3YA. With operation limited to six hours per day due to power restrictions, look for Yvette on 7003 kHz between 1000-1100z. QSL via home callsign.

-=-
OPDX INTERNET SUBSCRIBE/UNSUBSCRIBE REQUEST: opdx-request@nshore.org
OPDX WORLD-WIDE WEB HOME (provided by John, K8YSE):
http://www.en.com/users/k8yse/opdx.html
-=-
Excerpts and distribution of The OPDX Bulletin are granted as long as KB8NW/OPDX/BARF80 receive credit. To contribute DX info, call BARF-80 BBS online at 216-237-8208 14400/9600/2400/1200/300 and leave a message with the Sysop or send InterNet Mail to one of the two following addresses:
kb8nw@barf80.nshore.org -or- aq474@cleveland.freenet.edu
- OR - Send a message via packet to KB8NW @ WA8BXN.OH.USA.NA
- OR - Use the VOICE or FAX answering machine at 216-237-8208 which shares the same phone line as BARF-80 BBS using a data/fax/phone switch. To access: 1) Dial Number. 2) Wait for first ring (the second ring should be a false ring from the fax/data switch box) and then dial four quick ones ("1111"). (NOTE: Some FAX machines that send single "BEEPS" every second will not have to do this step.) 3) The phone will pick up and

after the "BEEP" leave your voice message or FAX.

/EXIT

Tedd Mirgliotta KB8NW
InterNet: kb8nw@barf80.nshore.org
Basic Amateur Radio Frequency BBS (BARF-80) +1 216/237-8208
"Totally devoted to Amateur Radio" - 24 Hrs a day 8/N/1 14.4k-300 baud

4521. << Help w/broken Brown Bros. key >>

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: radio@copland.udel.edu
Message-ID: <539gvf$a3v@copland.udel.edu>
Source record: 215391
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I have a Brown Brothers paddle which has the two paddle levers mounted on pieces of spring steel for hinges. Finally, one of the pieces tore through completely. Have you any idea where I could get a replacement?

Tnx, Bob WN3K

4522. SpamBots and newsgroups

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: Ramon Gandia <rfg.at.nome.dot.net@no.spam.please>
Message-ID: <32585495.68B8@no.spam.please>
Source record: 215392
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Folks,

I have been getting some e-mail concerning my From: and
the Reply To: address, which you will see in my posting header.

This is to foil the SpamBots. These are programs that
read newsgroups and collect e-mail addresses from posters. Those
addresses are processed into mailing lists for unsolicited
commercial advertisement by e-mail, called "Spam". You also see
Spam direct to the newsgroups, like chain letters, etc., but the
one of concern is the e-mail Spam.

The last issue or two of PC-type magazines have carried the
news that at least TWO major ad agencies collecting addresses and will
be making major advertising campaigns via e-mail Spam.

I am already getting some.

The main concern, besides being a pain in the arse, is that
it is done on your nickel. Newsgroup posts exist in one copy per
newsgroup, but e-mail is one copy per recipient. Thus, if your ISP
has 1,000 customers, it will receive and store 1,000 e-mail
messages.

Most of these SpamBots are so designed that the e-mail so
sent has each message slightly different from the others, so that
the automatic cancellers cannot catch them.

So, as my signature file explains, you can reply to my
newsgroup posts to the n.g. with no problems, but if you wish to
reach me by e-mail, you must address it by hand instead of pushing
the Reply:Mail button on your Netscape etc. This is a very slight
inconvenience to you, for which I apologize.

All Internet addresses are typed one way, but spelled
phonetically another way. Many people jumped into the Internet
by buying Netscape or Explorer and never learned the Internet
customs and etiquette. There are standard phonetics for Internet
addresses, just as for radio via the ICAO phonetic alphabet.

Thus: joe@host.somewhere.com
Becomes: joe.at.host.dot.somewhere.dot.com

I think this is self-explanatory. However, a complication for us
Netscape users is that Netscape requires the inclusion of the "@"
symbol in there somewhere, or it bombs the mail/posts. When you

go to Options-->Mail and News Preferences-->Identity you should enter your address in the form:

joe.at.host.dot.somewhere.dot.com@no.spam

This will get by Netscape and it might be obvious to someone. It mostly is not obvious, so my signature file explains it. I refer you folks to the alt.2600.* newsgroups and the comp.os.cpm and comp.os.linux.* newsgroups which are starting to collect e-mail spam.

It is a pity Netscape does not allow the Mail and News preferences as to identity to be set separately because e-mail is private and cannot be trolled by the SpamBots, just the newsgroups.

I strongly suggest that you folks follow suit, as the lists are being compiled NOW.

Ramon, AL7X [To foil the SpamBots, my e-mail addr is not machine
Nome, Alaska readable. Reply to: rfg.at.nome.dot.net]

4523. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: Ramon Gandia <rfg.at.nome.dot.net@no.spam.please>
Message-ID: <325859B3.EED@no.spam.please>
Source record: 215393
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Todd wrote:

> >Well as much as it pains me to say so, QSOs/Hz is a valid metric.
>
Carl wrote:

> I disagree ... but I know you'll hear me out ...
>
> >It basically measures how many concurrent QSOs can take place in
> >a given bandwidth. Given the variable speed at which humans generate
> >information, it makes sense as it measures occupancy, not throughput.
>
> But occupancy is not what measures spectral efficiency ... information
> transfer is ... that's why the bits/sec/Hz metric is the one that's
> prefered in the engineering community and by the FCC ...

Carl, I have to agree with Todd's statement. In an engineering world, or a commercial communications world, specially with specific frequency assignments or discrete communications channels, your method would be correct.

However, ham radio does not fit the mold this way. This is a hobby, for enjoyment. Thus, for us hams, its QSO's per Hz or per band, that is the measure of efficiency. Specially as we all want real-time QSO's (packet notwithstanding).

Ramon, AL7X [To foil SpamBots, my address is not machine readable.
Nome, Alaska Reply to: rfg.at.nome.dot.net]

4524. Re: ICOM radios lose their minds? (backup battery issue)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: wiley@interaccess.com
Message-ID: <wiley.26.018BDF46@interaccess.com>
Source record: 215394

In article <19961006195129.richw@yank.kitchener.on.ca> richw@yank.kitchener.on.ca (Rich Wales) writes:
>From: richw@yank.kitchener.on.ca (Rich Wales)
>Subject: ICOM radios lose their minds? (backup battery issue)
>Date: 6 Oct 1996 16:01:32 -0400

>I vaguely recall reading on the net, some years ago, that there was a
>problem with some (all?) ICOM equipment because if the backup battery
>inside the unit failed, the operating parameters would all be lost and
>could only be restored by sending the unit back to ICOM for repair.

This IS true, but it appears that the lithium batteries are lasting considerably longer than expected. I have both Icom IC-735 and IC-R71A that are well over 5 years old and the radios continue to perform without problems.

I just put the IC-R71A back in the main station and (earlier today) had looked up an article from QST, July, '94, that described a device from Willco Electronics for the IC-R71A, IC-751A and IC-745. It replaces the battery back-up board with a new board that will not "lose its mind" when the lithium battery eventually fails. The board (ICM-1024) also provides for up 1024 memory channels (vs. 32) and extends the frequency coverage from 100 Khz - 30 Mhz to 10 Khz - 32 Mhz. When the review was published, the board sold for $150. It is user-installed.

I took down the address and will write to confirm current prices and specs, but believe they are still in business. I don't know if I would spend the money before the radio dies, but it's nice to know there is an option to sending the rig back to Icom when (if) the original battery fails.

Wonder if anyone out there has purchased this board and what they think of it?

Willco's address is: P.O. Box 788, New Lenox, IL 60451.

73,

Bill, WA9NHQ

4525. Re: Zoological creatures was(question for carl and the no code group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: Ramon Gandia <rfg.at.nome.dot.net@no.spam.please>
Message-ID: <325863A0.216A@no.spam.please>
Source record: 215395
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Gerard Foley wrote:
>
> Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
> ,snip>
> : >
> : >No, where I think it needs strengthening is in operating practices;
> : >things like radio etiquette, radio lore, perhaps some history and
> : >tradition; good operating (no lids, no kids...), etc. Many hams
> : >today, quite a few with extra class calls, are doing nothing but
> : >yelling, shouting and using apalling language on the air. 20 m
> : >is often a zoo.
> : >
> : >We need to get these zoological creatures off the air, and perhaps
> : >a written test that addresses the issue better might be the way to
> : >"stiffen" up the ham radio written exam.
>
> : I'm afraid that's not the answer. Many of these "zoological creatures"
> : of which you speak are Extras with many years tenure in the amateur
> : service. They have had ample opportunity to learn better ways of
> : operating than they exhibit. It's not that they are unaware of good
> : amateur practice, it is that they deliberately flout it. So a test
> : of the sort you suggest would be of no value.
>
> : For the vast majority of amateurs, peer pressure and good example
> : have served well to establish good operating behaviors. For the
> : few "zoological creatures" to which much reference is made, these
> : tools have failed. Only strong enforcement action will correct
> : this situation.
>
> My casual listening on 20 makes me think that the situation has
> improved from some years ago, when the service nets were driven off
> 14.313 MHz by intentional abusive interference. It took a long time
> to get enforcement action in a handful of cases, but it seems to
> have been effective against a much larger group than the few who
> were penalized. We do need the FCC to do enforcement. Maybe
> there will be a change in the political climate this fall that
> will filter through to a regulatory agency like FCC.
>
> If it does, I certainly hope it hits the way Gary advocates,
> and not in silly petty actions against occasional slips of the
> tongue. I agree with everything Gary Coffman says about this
> matter.

Hi Gary,
I am the one that started the Zoological classification. Your message attribute is not quite correct....! I am guilty of "snipping" too much from time to time too!

You are right, things are better on 14,313 than they used to be, or on 3995 since the K1MAN fiasco.

By the way, in days when I should have known better, I sent K1MAN a 51S1 Collins receiver for repairs, he quoted me $300 to fix, and then refused to send it back when I thought it was too much.

Anyone know where I can get a hold of this joker now? I am older and wiser, but in those days, before the FCC action, K1MAN was respectable....then turned radical....then even took my radio!

You are right about peer pressure and example. But a lot of the fellows starting out do not really have an elmer, but simply study from a book. I was one of those, as my 'elmer' was a phone man, and I was not particularly interested in phone. But, I did have good books, including the ARRL license manual, the novice manual, and the Boy Scouts books.

This is why a few questions on those things would at least force the applicant to have read some text and prepare for those questions.

Q. What is the correct phraseology used in acknowleging correct reception of a transmission?

1. "Ten-Four, good buddy."
2. "Message received and understood."
3. "Roger."
4. "Roger, Wilco."

as an example of one such questions. More, surely, can be devised.

Ramon, AL7X [To foil SpamBots, my address is not machine readable.
Nome, Alaska [Please reply to: rfg.at.nome.dot.net

4526. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: Ramon Gandia <rfg.at.nome.dot.net@no.spam.please>
Message-ID: <32586EA9.7004@no.spam.please>
Source record: 215396

Jeffrey Herman wrote:
>
> Ramon Gandia <rfg@nome.net> wrote:
>
> (stuff deleted)
>
> Do be more careful, Ramon. Bart did *not* say all of what appears below.
> When you edit, make sure the attribution line matches the signature.
> Jeff KH2PZ / KH6
>
> Bart Jahnke, KB9NM ARRL/VEC wrote:
> > > : to say the least, I mean custom call signs for the well off ;-$
> > >
> > > Another good reason I don't support ARRL unilaterally.

Sorry fellows, I stand corrected. My "snipping scissors" were
blind! To Bart, I deeply apologize for my carelessness. No offense
intended.

Ramon, AL7X [To foil SpamBots, my address is not machine readable.
Nome, Alaska [Send your replies to: rfg.at.nome.dot.net

4527. Re: CB Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: Patrick Cook <pcook@dimensional.com>
Message-ID: <Pine.SUN.3.95.961006211314.27030C-100000@nova.dimensional.com>
Source record: 215397

On 6 Oct 1996, Blanley wrote:

> Web site, is there one ? blacker@netcom.ca

Try rec.radio.cb

Patrick Cook, KB0OXD
Denver, Colorado
pcook@dimensional.com

4528. Re: ICOM radios lose their minds? (backup battery issue)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: Patrick Cook <pcook@dimensional.com>
Message-ID: <Pine.SUN.3.95.961006212432.27449A-100000@nova.dimensional.com>
Source record: 215398

On Sun, 6 Oct 1996, William Gode wrote:

> >I vaguely recall reading on the net, some years ago, that there was a
> >problem with some (all?) ICOM equipment because if the backup battery
> >inside the unit failed, the operating parameters would all be lost and
> >could only be restored by sending the unit back to ICOM for repair.

Some Kenwoods do the same thing. I have a TH-75A which occasionally goes batty on me by showing some erratic display and not being able to transmit, although this is sometimes alleviated by just simply re-entering the memory channel or turning the radio off and then turning it back on a few seconds later.

If neither of the above work, then the only other option left is to reset the CPU (if the radio doesn't do it for you).

FWIW..... :-)

Patrick Cook, KB0OXD
Denver, Colorado
pcook@dimensional.com

4529. Re: Help: RFI with TV

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: Ramon Gandia <rfg.at.nome.dot.net@no.spam.please>
Message-ID: <32587777.2DC4@no.spam.please>
Source record: 215399

Gary Coffman wrote:
>
> In article <537s3f$g4f@csun2.csun.edu> hbcsc274@huey.csun.edu (jerry wang) writes:
> > Whenever I transmit on any 2 meter
> >frequency, channel 18 goes out
> >on all of my tv's. The tv's are hooked up to cable, and not antennas.
> >My neighbor's who also has cable has channel 18 go out when I transmit as
> >well.

> It sounds like there's a *serious* leak in the cable TV system
> nearby. Sniff around 145.18 MHz and see if you hear anything.
> If you do, it's probably cable signal leaking out. Any time
> cable signal can leak *out*, amateur signals can leak *in*.
>
> Likely causes are illegal cable taps, or a break in the cable
> trunk shielding. Call the cable company. They're required to
> fix this sort of leakage.

Another possibility is that the RFI is getting into a nearby TV set
and backfeeding into the cable. The cable company is not required
to fix this (although they could pull the service from the person
backfeeding the interference). But Gary is right, by and large,
one way or the other the cable company *has* to fix it. This was
the subject of a rulemaking some years ago, and the cable companies
can have heavy fines for failing to accomodate a licensed user.

Otherwise, follow Gary's advice.

Ramon, AL7X [To foil SpamBots, my address is not machine readable.
Nome, Alaska [Reply to: rfg.at.nome.dot.net

4530. Re: HF Amateur Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: Ramon Gandia <rfg.at.nome.dot.net@no.spam.please>
Message-ID: <325866ED.327A@no.spam.please>
Source record: 215400
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Gary Coffman wrote:

> Early amateurs also concentrated on the practical *use* of their
> equipment, with the American Radio *Relay* League formed to convey
> *messages* further than a single amateur could manage to send. Early
> amateur literature is full of exhortations to amateurs to improve the
> speed and accuracy, IE *throughput*, of their stations so as to more
> efficiently serve the purpose of message relay.
>
> The radio pioneers weren't playing a game, they saw *application*
> of radio waves as their direct goal. The game playing didn't come
> until much later, long after the practicality of contact had been
> proved feasible, and had in fact been made a commercial reality
> by others.

<snip>

> From the perspective from which we currently stand, if we look
> backward, we see an increasing reliance on AM, CW, or spark as
> we go further back in time, but if we look forward, we see an
> increasing reliance on SSB, modern digital text methods of a
> number of -TOR sorts, SS, ALE, etc as the techniques of the future.
> In which direction should we prepare, for the past, or for the
> future? Are amateurs to serve as a reservoir of antique technics,
> or are we to be in the forefront of communications technology as
> we were until recent times?
>
> There's fun to be found in either direction, but I know which
> way I want amateur radio to go, and that isn't to yet another
> rehash of past triumphs. Note well that I'm not suggesting that
> we *ban* older methods. I am suggesting that we place an increased
> emphasis on newer technics and less on older methods, both in
> licensing and in our on-air activities. As the twig is bent,
> so grows the tree, and I want our newer operators to be inclined
> toward the future rather than toward the past.

Gary, this was a good post. I have to comment that entertainment and
"rag chewing" is an important part of ham radio, and always was.
In the 1917 days, the Navy had temporary control of the radio waves,
and they did not want to release them back to a bunch of kids just
ragchewing on the air! Sir Hiram Percy Maxim, W1AW used the argument
that hams did more than that, including traffic, relaying, experimen-
ting, etc. And hams DID discover the usefulness of short waves.

If we were only allowed to transmit in order to fill a certain particular purpose, like a propagation study, at the exclusion of rag chewing, it would not be ham radio but an experimental service, for which the FCC provides reasonably easy to get licenses.

All modes, and all purposes have their time and place. But I think the most basic one of all is ragchewing. Even dyed in the wool experimenters do it. They establish contact, for the first time, over 500 miles at 10 GHz and what do they do...? Why ragchew, of course!

As technology evolves, we have to move the hobby forward, or like you like to say, "lean it towards the future". Of course, as you say, in no way should we do something that would eliminate the enjoyment others have using older or current modes.

This is why I favor no-code testing, but continue with written tests to guarantee commitment in part of the prospective ham...and to continue the allotment of CW sub bands, even if they get reduced in size from time to time as conditions warrant. This from someone who is an Extra and a CW man to boot! Good thing this is not in the days of Salem or I might be in for a hot time!

Ramon, AL7X [To foil SpamBots, my address is not machine readable.
Nome, Alaska [Please reply to: rfg.at.nome.dot.net

4531. Kenwood TS870 Mods

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: gbaron@deskmedia.com
Message-ID: <325930c4.1420203@news.deskmedia.com>
Source record: 215401

Does anyone have any modification information for the Kenwood TS870? I
see none at any of the usual sites.
--
Gil Baron W0MN gbaron@deskmedia.com Web http://www.deskmedia.com/~gbaron
"Bailar es vivir" pgp2.6 key http://www-swiss.ai.mit.edu/~bal/pks-toplev.html
"Cuatro caminos hay en mi vida. Cual de los cuatro sera el mejor"
[Posted with Agent .99f. For info, email agent-info@forteinc.com.]

4532. Re: ARRL Elections a Sham, AGAIN!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: Ramon Gandia <rfg.at.nome.dot.net@no.spam.please>
Message-ID: <32587377.618D@no.spam.please>
Source record: 215402

William C. (Bill) Wells wrote:
>
> Gentlemen:
>
> I just received my ballot in the biannual exercise in futility known as
> the ARRL elections.
>
> Here in the Central Division we were again offered no alternative in the
> "race" for Division Director. The only name on the ballot was that of
> the incumbent. This is not because other candidates did not present
> themselves, though!
>
> There was at least one other candidate that I know of who had the
> required number of signatures on a petition who outwardly, at least,
> fulfilled all the requirements to run in the election. But, since his
> politics did not pass muster, the headquarters staff found some arcane
> rule which barred his running in the election.

Bill -- this message to the newsgroup and e-mail copy to you as well.

I do not think there is need for secrecy. I do not really believe
that the ARRL would actually do that, but the present situation is
volatile enough that anything is possible....may even probable!

What we need are some FACTS so we can take action.

1. Who the fellow running that did not appear on the ballot was.
2. What date did he mail his nomination in, and when did the ARRL
receive it? (I assume he sent it by FedEx or certified mail
return receipt requested. If he did not, then I think the matter
will come to an end there).
3. Give the names of at least 10 hams who signed the petition and
were voting ARRL members.
4. Provide us with the answer ARRL gave your candidate friend as to
why he was not on the ballot. If the explanation was public,
you can reprint the ARRL letter here on the newsgroup. If not,
copyright law will prevent you from doing so, but it is okay to
recapitulate the content in your own words and have brief quotes.

Also, as a member since 1959, I have seen quite a few elections get
"tossed" because of irregularities. Mistakes do occurr. If the
application went in, and the ARRL never acknowledged it, but he HAS
a copy of it, and the FedEx or Mail receipts, then be assured that
the ARRL will hold a new election. Not doing so is against Federal
rules, even for a private organization.

The fact that a member running for the board has views opposite that of the policy established by the present board, is PRECISELY the reason people run for office....and precisely the reason the law is crafted to allow such people to run.

Simply complaining about it will not do. Let us have the FACTS so we can take action!

Also, blindly voting for the challenger is not a good idea. The person you vote out might be the one that expresses your own views. I think you should either read the information ARRL mailed with the ballot, which is a statement written by each candidate himself; or even e-mail or phone the guy and ask him pointed questions about his views. The candidate may or may not agree with you, but at least you know where he stands and you can vote intelligently and where it counts.

Ramon, AL7X [To foil SpamBots, my address is not machine readable.
Nome, Alaska [Please reply to: rfg.at.nome.dot.net

4533. Re: Kenwood HF radios in Truck Stops?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: gfiber@cmc.net
Message-ID: <538g74$nnt@news.cmc.net>
Source record: 215403

jbmitch@vt.edu (John Mitchell) wrote:

>>AN IMPORTANT POLICY ANNOUNCEMENT FROM KENWOOD
>>
>>
>>Over the past several months, QST has reported that Kenwood is selling our
>>Amateur products to CB stores and Truck Stops. We want to make it clear
>>that this is just not true....
>>The decision was made to use well known established distributors
>>who could sell radios to those businesses. Our distributors were carefully
>>selected and interviewed. Some were selling Amateur related products and
>>accessories. All these distributors understand their responsibilities in
>>regards to the sale of Amateur products for licensed use only.

>What a bunch of specious crappola. As we all know, "well known established
>distributors" already sell all the radios they can to Amateur Radio Stores.

Usually all of the Amateur Radio Stores purchase directly from the manufacturer
no distributors have been involved. You might get some two stepers who can not
make the required annual purchase minimums from the manufacturer. Generally
other Amateur radio stores will do some two stepping to these retailers.

Gary

4534. Looking for IC

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: grandall@phase2net.com
Message-ID: <32581344.0@news.intercenter.net>
Source record: 215404

Hello and thanks for reading this.

I am looking for a MC 4016 count down decade counter chip,
I know they are old, but I only need one.

If anyone knows where I can order one or just has one , let me
know via the newsgroup or email: grandall@phase2net.com

Thanks
Gary
KD4VRZ

4535. Re: 10-10 Web Site

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-06 00:00:00 UTC
From: Guy Clark <gclark@fn.net>
Message-ID: <3257A7F9.BB1@fn.net>
Source record: 215405

Scott A. Nelson wrote:
> I used to have the address for the 10-10 club website, but I seem to have
> misplaced it. Anyone out there have it. Thanks.

There is no WEB site, but the Ten Ten Listserver is at ....
ftp://ftp.lehigh.edu/pub/listserv/tenten-l/

I think I said that right.
73 es gud 10X
--
Track record is all that counts.
Guy Clark is wb0nnk@aol.com
Try my homepage: http://members.aol.com/wb0nnk/index.htm

4536. Cluster-logbook interface on internet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: "Andrew J. O'Brien" <andyo@wca-hospital.com>
Message-ID: <32593842.5209@wca-hospital.com>
Source record: 215256
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc

It's been a couple of years since I was actively DXing , I used to use my DXbase logging software which monitored the 2M DX cluster for spots and alerted me to needed stations.

Now I see that I can telnet to the clusters, but does the state of the art allow clusters accessed via the Internet to be monitored by my logging software (any logging software) ????

73 de Andrew KB2EOQ

4537. send no money

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: Jeff <jdlemast@mail.netusa1.net>
Message-ID: <3259CD94.1450@mail.netusa1.net>
Source record: 215257

The procedure is simple:

1) Write your name and address on 5 sheets of paper.
Below that, write the words, "Please add me to your
mailing list." Fold a $1 bill in each piece of paper
and mail them to the following 5 addresses:

1. H. McAllister
9543 East 500 North
Kokomo, In 46901

2. Daniel Sutherland
20 Greenville Drv, Grovedale,
Geelong, VIC 3216

3. Thomas Andersson
Ringvagen 43
Stockholm
SWEDEN

4. Per Hellberg
Poste Restante
34220 Alvesta
SWEDEN

5. J. Shoffner
711 South 300 West
Kokomo, In
46902

2) Now remove the top name from the list, and move the other
four names up. In other words, #5 becomes #4 and so on.
Put your name as the fifth one on the list. Use a simple
text editor such as Notepad, in your "accessories" window
(If you have MS-Windows), or DOS editor. In fact, any
editor will do.

3) Post the article to at least 200 newsgroups. There are
17,000, so it shouldn't be hard to find 200. Try posting
to as many newsgroups as you can, and the bigger the
newsgroup is, the more people are to see your message!

You are now in the mail order investment business, and
should start seeing returns within a week or two. Of course,
the more newsgroups you post to, the greater your return is.
If you wish to remain anonymous, you may use a psuedonym,
call yourself "The Manager","The Boss", whatever, but make

sure your address is correct.

Now, here is why the system works:

- Of every 200 posts I made, I received 5 responses. Yes, only 5. You make $5 for every 200 posts with your name at #5.

- Each person who sent you $1 now also makes 200 additional postings with your name at #4, i.e. 1,000 postings. On average, therefore, 50 people will send you $1 with your name at #4. Average return with 50 people = $50.

- Your 50 new agents make 200 postings each with your name at #3 or 10,000 postings. Average return 500 people = $500.

- They make 200 postings each with your name at #2, which is 100,000 postings. Average return is 5,000 at $1 each = $5,000.

- Finally, 5,000 people make 200 postings with your name at #1 and you get a return of $50,000 before your name drops off the list, AND THAT IS IF EVERYONE DOWN THE LINE MAKES 200 POSTINGS! Total avg. income in one cycle = $55,555.

From time to time, when you see your name no longer on the list, you take the latest posting that appears in the newsgroups, and send out another $5, and put your name at #5, and start posting again. Remember, 200 postings is only a guideline. The more you post, the greater the return.

THE ONLY COST IS $5, AND 5 STAMPS, 5 ENVELOPES and 5 PIECES OF PAPER. Anyone can afford $5 for such an effortless investment which produces such SPECTACULAR RETURNS.

There are millions of internet users, and millions of new net surfers every month! This is the great advantage of the Internet. People all over the world can hear you and listen carefully if you talk reasonably. Many will take that chance! I agree. If it wasn't the Internet, and it was a small circle of people, the return would be rather small. It would not succeed.

But here on the Internet, it is a giant village, where thousands of new members join in every day! The amount of money returned to you is 200 times larger because the group is 200 time larger, i.e 200 postings, and the risk is zero. You CAN'T lose!

Remember, read the instructions carefully, and play fairly. That's the only way this will work. Get a printout so you can refer back to this article easily. Try to keep a list of everyone that sends you money and always keep an eye on the postings to make sure everyone is playing fairly. You know where your name should be.

REMEMBER - HONESTY IS THE BEST POLICY. YOU DO NOT NEED TO CHEAT WITH THIS IDEA TO MAKE MONEY! BESIDES, NOT PLAYING THE GAME FAIRLY IS ILLEGAL. SO LET'S BE REASONABLE AND PLAY FAIRLY, SO WE CAN ALL ENJOY THE INTERNET GOLD MINE.

GOOD LUCK TO ALL OF YOU, and remember, play fair and you'll be a winner. Come on and finally get those things you've wanted for a long time!!!

4538. FCC Issuing Vanity Calls?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: Pete <retep@thecore.com>
Message-ID: <3259DC77.357F@thecore.com>
Source record: 215258

Was looking through latest FCC licensing activity and see a number of previously available call signs have been assigned. One in particular W5DX, leads me to believe that the issuing process has begun. Anybody have any info? Good Luck! Pete - KF2WI (for now?)

4539. Re: Goodbye.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: KD1YV <jimkd1yv@ix.netcom.com>
Message-ID: <3259BF45.3FFC@ix.netcom.com>
Source record: 215259
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.swap,rec.radio.cb

Ken Bessler wrote:
>
> (please excuse anty spelling mistakes due to h9gh dosages if pain killers ad
> severe visdion pr4oblems)
>
> I have4 had several hobnbies im my 32 years and one of them was Amateur
> radio. On monhdaY September 30th, I was critically injured when falling some
> 1-1/2 stories while trying to adjust the guy line on my Cushcrafh HF
> verticall. I just got out of the hospitall today. I have to go back in opn
> monday to get my face ro constructed. I have lost the use of my lweft eye
> because I managed to land head first on a cinder block. The damage was quite
> bad, including some peralisis <sp> of the left side of my bnody. My nose id
> GONE. My kids (4) are scared of me now! is this hobby worth it? no.
>
> Moral of the story:
>
> PLEASE BE CAREFULLL!! DON'T THINK THANK BECAUSE YOU HEV DONE SOMETHING BEFORE
> THAT NOTHING WILL HAPPEN!!! Theat is what happened to me. All I had to do was
> untie a guy wire. I almost died!
>
> My wife is KB0PWD. I am KG0WX. We have both had such a bad nightmare this
> last week with this that we are both gouing to seel al of our radiuos and get
> out of communications completrly. Please be carefiull....
>
> To hell with this hobby - it's not worth a LIFE.
>
> Ken bessler KG0WX, GTO268, "metro"
> Erica Besler KB0PWD, GTO269, "teaser"

I think that the newsgroup has been the victim of a hoax. Look at the foregoing letter, particularly the "typos". Sometimes the typing is letter perfect, then it lapses into something that is barely legible. Look at the spelling of the names in the signature. Most typists, no matter how bad, will not misspell their own names (twice!)

KC0WX is indeed Ken Bessler according to the callsign server. Howeve, I did a finger on kg0wx@feist.com, and it shows that he has never logged in.

Does anybody know this guy well enough to verify the story? If it's true, forgive me for being a cynic, but I have seen more than my share of spam!

BTW, many years ago, I used to install telephones, and I fell off of a few phone poles, but that didn't stop me from enjoying ham radio :-)

--
73 de Jim, KD1YV

4540. Re: ARRL Elections a Sham, AGAIN!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: KD1YV <jimkd1yv@ix.netcom.com>
Message-ID: <3259C2E1.293C@ix.netcom.com>
Source record: 215260

William C. (Bill) Wells wrote:
{snip}

> Subject:
> Re: ARRL Election a Sham, AGAIN!
> Date:
> Mon, 7 Oct 1996 11:14:18 -0400
> From:
> ATVQ@aol.com
> To:
> WA8HSU@netusa1.net
>
> Be it known by all presents....oh, wrong speech.
> I, Henry Ruh KB9FO did secure the sacred crest embossed ARRL affidavits,
> to
> run for the office of Director. Ten signatures were required, 19 were
> on the
> petition to run for office. It was sent by FEd Ex and arrived at ARRL
> HQ. I
> received both a FAX and a PERSONAL PHONE CALL from Dave Sumner, K1ZZ
> acknowledgint that my petition had been received and was timely.
>
> The petition to run for office was disqualified because even though at
> the
> time it was filed I had a buyer for ATVQ, the sale was not completed
> although
> at the time it was expected to be completed by Oct 1., well in advance
> of the
> actual election.
>
> ATVQ in its most recent year had a gross income of about $26,000 and a
> taxable net loss of $29. (in other words I run it as a break even/self
> sustaining effort with no pocketable/taxable profit, I have nothing
> against
> profit, I just didn't make any!)
>
> Mr. Sumner called the friday of the deadline to inquire about, and was
> sent
> by fax, the pertinent details of the pending sale.
>
> In a letter received a few days leter, Mr. Sumner explained that my
> petition
> to run was disqualified due to conflict of interest (the magazine
> business)

> and their rules do not allow for any commercial interests in anything
> related
> to ham radio in order to qualify to run for office. In other words, no
> one
> who works or ownes a ham related business (one would think the people
> most
> interested in the success of ham radio) can run for office unless they
> first
> divest themselves of any such interst.
>
> This automatically means only retired people, jobless people, (at least
> nojob
> in ham radio) can run for office to run the only ham radio
> organization.
>
> Hey, its their rule not mine! I would choose the people who have the
> best
> interests of ham radio, those who depend on its success to remain
> successful,
> to run the shop. Its like refusing to hire Mario Andretti as a mechanic
> because he works asd a race car driver and therefore must have a
> conflict of
> interest, since he might not want someone's street car to be able to be
> go
> faster than his does on the race course!
>
> 73
>
> Henry

Sorry, Henry, the Mario Andretti analogy doesn't fit. A better comparison would be if the President of Andretti Auto Sales tried to run on the board of Consumer's Union (the Consumer's Report folks, who reviews include automobiles.)

The sale may have been completed by the time of the election. The check is in the mail :-) Rules is rules. Sorry you missed out this time, but there's always another election in another two years.

--
73 de Jim, KD1YV

4541. FS:NEW YAESU BATTERYS & SPEAKER MIC

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: John Lee <aw688@lafn.org>
Message-ID: <32599D49.5EE4@lafn.org>
Source record: 215261

FS:NEW YAESU BATTERYS & SPEAKER MIC
ALL BATTERY IS MAKE BY YAESU

FNB-31 $ 40 +SHIP
FNB-38 $ 50 +SHIP
FNB-40 $ 35 +SHIP
FNB-41 $ 40 +SHIP

NEW YAESU SPEAKER MIC

MH-12 $ 20 + SHIP

4542. Re: ICOM radios lose their minds? (backup battery issue)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct7.055531.14893@ke4zv.atl.ga.us>
Source record: 215262

In article <wiley.26.018BDF46@interaccess.com> wiley@interaccess.com (William Gode) writes:
>In article <19961006195129.richw@yank.kitchener.on.ca> richw@yank.kitchener.on.ca (Rich Wales) writes:
>>From: richw@yank.kitchener.on.ca (Rich Wales)
>>I vaguely recall reading on the net, some years ago, that there was a
>>problem with some (all?) ICOM equipment because if the backup battery
>>inside the unit failed, the operating parameters would all be lost and
>>could only be restored by sending the unit back to ICOM for repair.
>
>This IS true, but it appears that the lithium batteries are lasting
>considerably longer than expected. I have both Icom IC-735 and IC-R71A
>that are well over 5 years old and the radios continue to perform without
>problems.

Well, it is only true for a small number of Icom models. The IC735
is *not* one of them. Its programming is safely in ROM. The IC-745
and IC-751 are the amateur transceivers affected. You can change the
battery in the field *before* it dies and save a trip back to Icom
for reprogramming. You have to be a bit careful to insure power is
always on the memory while you do the change, but it isn't that hard
to do. If you do lose the memory, it isn't necessary to ship the
whole radio back to Icom, just the memory board will do.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4543. Re: HF Amateur Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct7.170254.16200@ke4zv.atl.ga.us>
Source record: 215263
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <539fpb$1ju@lehi.kuentos.guam.net> pacrimgolf@kuentos.guam.net writes:
>gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>
>>While it is true that RTTY has unfortunately been discovered by the
>>gamers
>
>Years ago. But please explain to us why it is 'unfortunate', Gary ? Do you
>mean to imply that certain things in amatuer radio should be kept only for
>a certain subset of hams, and that when the general public of ham radio
>finds out about them it is unfortunate ?
>
> 73, Jim KH2D

I mean that it is unfortunate that there is no mode safe from
the plague of gamers. I've spoken before about foreign amateurs
who have been all but driven from the bands by gamers. A number
have retreated to the digital modes as a way to have conversations
in relative peace. But they are no longer free of the hounding
by the card collectors even on digital modes. I consider that
unfortunate.

Most of us living in "non-Dx" countries are little bothered by
the gamer. If we don't want to play the game, we don't have
to. There aren't hordes of gamers waiting for our call sign
to appear on a Dxcluster spot. Pileups don't occur every time
we get on the air. But the amateur in a "Dx" country doesn't
have that luxury. Just because of where he lives, he has no
option in the matter. The plague descends on him when he
tries to operate whether he wants to play the game or not.

Now he can announce that he does not wish to play the game,
and that sometimes disperses the mob, but he has to do that
over and over again every time he gets on the air because
a new crop of gamers discover him. And refusing to play the
game makes him look like a bad guy. Most people don't want
to appear to be a bad guy. So they either play the game or
go off the air. That's why most of the foreign "Dx" amateurs
you hear play the game, the ones who didn't want to play
are off the air. That's unfair.

The digital modes have served as sort of a refuge for some
of these people because digital operating hasn't been very
popular with the gaming crowd. It is unfortunate for these
foreign operators if that is changing.

I don't expect you to understand this. You're a gamer, so
the game is all consuming. As another poster noted, it's
what amateur radio is about. Well, all I'm saying is that
the game is *not* what amateur radio is about to everyone.
And they have a right to be allowed to operate in peace
just as much as anyone else. Digital operating has allowed
some of them to do that for a while.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4544. Re: Goodbye.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: Dan K Nelson <dknelson@pacbell.net>
Message-ID: <3259E756.5BE4@pacbell.net>
Source record: 215264
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.swap,rec.radio.cb

Ken Bessler wrote:
> >
> > (please excuse anty spelling mistakes due to h9gh dosages if pain killers ad
> > severe visdion pr4oblems)
> >
> > I have4 had several hobnbies im my 32 years and one of them was Amateur
> > radio. On monhdaY September 30th, I was critically injured when falling some
> > 1-1/2 stories while trying to adjust the guy line on my Cushcrafh HF
> > verticall. I just got out of the hospitall today. I have to go back in opn
> > monday to get my face ro constructed. I have lost the use of my lweft eye
> > because I managed to land head first on a cinder block. The damage was quite
> > bad, including some peralisis <sp> of the left side of my bnody. My nose id
> > GONE. My kids (4) are scared of me now! is this hobby worth it? no.
> >
> > To hell with this hobby - it's not worth a LIFE.
> >
> > Ken bessler KG0WX, GTO268, "metro"
> > Erica Besler KB0PWD, GTO269, "teaser"

Whatever happened to that novel idea of Personal Responsibility? Although I am truly sorry for your misfortune, I have found that in my life, I have always been either directly or indirectly responsible for each of my "accidents"... Every person plots his/her own course in life...

Should we ban cars because of drunks? How about matches because of fires, or pools because of drownings? I think not.

<<< DAN >>>
--
+---+
|An Armed Man is a Citizen, an Unarmed Man is a Subject.|
+---+

4545. B: What the big guys think of hams.(Burt posting)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: Kevin Jessup <kevin.jessup@mail.mei.com>
Message-ID: <32599F37.41C5@mail.mei.com>
Source record: 215265

EMTP4355 wrote:
>
> I wish people would put it in the subject title that a post is related to
> this Burt person.
>
> Joseph K Murphy, EMT-P KF4KEK
> emtp4355@aol.com EM75RW

Perhaps all Burt follow-ups could start with a "B:" in the title.
Then all those not interested could easily avoid them. Perhaps you already
are filtering your news or mail from Burt, but this could help with the
follow-ups. They'd all be immediately recognizable when your newsreader sorts
by title. This technique is used in certain other newgroups that suffer from
annoying or non-newsgroup related posts.

Maybe we should put this in the FAQ! ;-))

- n9sqb

4546. Re: NRD 535 crystal filters wanted /to exchange

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: SHAWN AXELROD <saxelrod@mb.sympatico.ca>
Message-ID: <3259CF30.3A01@mb.sympatico.ca>
Source record: 215266
Cross-posted to: alt.radio.scanner.uk,rec.radio.shortwave,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.swap,rec.radio.amateur.equipment

hi80@pipex.dial.com wrote:
>
> I intend to replace some of the filters in my NRD535, so if anyone has
> the replacement Crystal filters for the 535 at a good price, I may be
> interested. I also have a 1.8khz filter for the NRD that I would like
> to exchange for for the 300hz, 500hz or possibly the 1000hz, so if you
> have these, but are mainly interested in SSB, please contact by email
>
> Also wanted, the Bandwidth Control Board for the NRD535.
> I am in the UK.
>
> Regards,
>
> Joe Kirlew

The best places I know of this side of the pond are at Gilfer radio and
the Best of the Best is from KIWA electronics. Kiwa is at

www.wolfw.net/~kiwa

73 from the colonies?!?! Shawn

4547. WTB 7L12 Plug In

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: daveb@buffnet.net
Message-ID: <53l7q7$a4s@buffnet2.buffnet.net>
Source record: 215267
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.antenna

Hi,

Anybody know of any reasonably priced 7L12 Tek plug ins for sale??

Reply to daveb@buffnet.net

Thanks !!

4548. Re: VHF DX Opportunity

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: glennz@execpc.com
Message-ID: <539jt7$bap@newsops.execpc.com>
Source record: 215338
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.space,rec.radio.amateur.misc

robert colin newell <rnewell@castle.uvic.ca> wrote:

>Mark Gingrich wrote:
>>
>> On Thursday morning, 26 September, around 8:12 a.m. EDT (12:12 UTC), the
>> Space Shuttle Atlantis (STS-79) is expected to touch down at Kennedy Space
>This just arrived in my NEWS BOX! Sorry.
>A bit more notice next time would be great !
>I was up at those hours.. It would have been nice
>to know that this was going on..

>http://espresso.ts.uvic.ca
>The Worlds only Interactive SW WWW Site
So... does anybody have results to report?

73
Glenn

4549. Re: 10 Meter Freqs

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: jonz@rainbow.rmii.com
Message-ID: <539lvf$ish@rainbow.rmii.com>
Source record: 215339

Jim Kehler (pacrimgolf@kuentos.guam.net) wrote:
: Bigdad <Bigdad@Rworld.com> wrote:

: >To save me the time hunting and maybe someone else is
: >wondering...what is the frequency range that and modes that a
: >class C technician license holder may use? Thanks!

: We'd be glad to help you. But first you have to tell us what a 'class C'
: technician license is .....

And, explain please, why the knowledge of such sub-bands
would not be required knowledge of the license holder.

--
Jonesy W3DHJ
Marvin Jones jonz@rmii.com
Gunnison, Colorado

4550. Re: Plate voltages

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: wrt@eskimo.com
Message-ID: <325c60d6.11428327@eskinews.eskimo.com>
Source record: 215340
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Robert Morris <robrk@fyi.net> wrote:

>Wish I knew wrote:
>>
>> In many of the HF amps for amateur radio there is a cw/ssb switch that
>> changes the plate voltage from low on cw to high on ssb. I have read that
>> this is to maintain efficiency at the different power inputs used. The
>> high plate voltage makes sense, in that for a given power level a lower
>> current would be required. To run at a lower voltage, thus requiring a
>> higher current at a given power does not make sense. So, if you can run
>> 1000W input with 2500V @ 400MA, what is the reason for lowering the
>> voltage to 1700V and then having to push 588MA ? What is the criteria for
>> selecting the lower voltage value?
>>
>> This is an equal opportunity question open to all that would like to share
>> their answers, as I am a bit weak in the hi pwr linear amp design
>> department.
>>
>> -gary
>> gbostick@luna.cas.usf.eduIn the pre 1500W out days...effort was made so that you would
>run 1000 in on cw and in order to run 2kw "PEP" and keep the
>plate impedance/efficiency the same, plate voltage was switched.
>I don't think you would tune for the 588ma, but some lower number
>that would give the same plate load impedance. I think most
>tubes like the higher volts.which makes the amp easier to
>drive with lower grid current, ssb or cw... Leave the switch
>in ssb for all modes.

Efficiency is part of the reason, but linearity is another part. In my
AL-1200, the plate idling current is 75 ma in the SSB mode, but only 25 ma in
CW. When driven to the same output, the CW mode is more efficient, but the
SSB mode is more linear. Personally, I leave it in the SSB mode all the time
because linearity is good for CW too... it reduces the tendency to generate
key clicks.

73, Bill W7LZP
wrt@eskimo.com

4551. Hamfest in the Amanas

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: rawiley@blue.weeg.uiowa.edu
Message-ID: <rawiley.844652530@blue.weeg.uiowa.edu>
Source record: 215341

.

CVARC has announced that Summerfest 97 will be held
in the Amana Outdoor Convention Center at Amana Ia.
Date is Aug. 3, 97.

For those whose significant others have no interest in
radio, the Amana Colonies have wineries, restaraunts,
craft and gift shops, a furniture factory, and woolen
mill, and at nearby Williamsburg, an outlet mall

Contact is;

Wayne Hughes
WA0TGH
Box 408
Shellsgurg Ia. 52332

NE0R

4552. Re: NEED IRC Software

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: fer-tree@pacbell.net
Message-ID: <539p4l$rfm@news2.snfc21.pacbell.net>
Source record: 215342

Tuck Miller <kc6zec@amsat.org> wrote:

>I would like to get some IRC software,

Why don't you simply download it. Use a search engine to find the MIRC
home page. It has IRC shareware and other useful information.

4553. YAESU 51R MOD

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: jim <hawkj@earthlink.net>
Message-ID: <01bbb3f1$b5511220$5f6255ce@jim>
Source record: 215343

i am trying to locate a mod that someone told me about, it is suppose to
open the rx of the radio from around 75 up to 999mhz. i heard it was called
"the mother of all mod" if any one knows of it please let me know.
thank you

4554. www.hamradio-online.com - new features all the time

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: vbook@vbook.com
Message-ID: <539ruv$6hb@kanga.accessone.com>
Source record: 215344
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.scanner,rec.radio.shortwave,aus.radio.amateur.misc,aus.radio.amateur.digital

If you have not visited Ham Radio Online in a while, stop on by. We keep adding new features and new stories all the time. We've just added a new ham radio photo gallery, made updates to the humor and newsletter sections and updated the library. Plus of course, new stories are added all the time. We've got many new stories in preparation, some mini-product reviews, and some ideas for new features you won't find anywhere else on the Net. We've even been sketching some ideas for a hilarious cartoon strip about ham radio and techie topics (but it will probably be a while before we have time to get this feature added!).

Stop on by and pay us a visit at http://www.hamradio-online.com

More ham radio fun than anywhere else. Now read in 46 countries around the world!

Ed (KF7VY) and Kim (N7VPL) Mitchell
email to vbook@vbook.com
Visit Ham Radio Online, it's free! at
http://www.hamradio-online.com

4555. Re: Vanity Call Delay (What Delay?)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: Steve Wolf <no8m@apk.net>
Message-ID: <01bbb3fd$d498c4a0$3c08b7ce@no8m>
Source record: 215345

People are crabbing about how long it will take the
FCC to process vanity callsign applications. They
suggest the FCC should use the collected funds for
processing. They lament at the delay.

What delay?

You didn't figure that 5 or 6,000 additional applications might
cause them a delay? Anyone want to admit to being
surprised?

Why should the FCC needlessly waste their operating funds
on overtime? I would hate to see them waste their money
in that fashion. I would hate to see their employees be
forced into overtime on a project that is so easy for the
applicants to realize the effects of their requests.

THANK YOU FCC FOR MAKING THIS POSSIBLE.
Take your time. Perhaps then we will not be as big of a
burden when issues press that are a heck of a lot more
important than some dopey ham radio operator's vanity!

I sure will be glad when I dump "N" "ZERO" "EIGHT" "M"!

--
73,
Steve
Amateur Radio: no8m@no8m.#neoh.oh.usa.na
Internet: no8m@apk.net
MSYS Mail List: msys-request@hamnet.org ("info" for title)

4556. Fox Hunt!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: marty@trucom.com
Message-ID: <53a3pk$9b9@thepit.trucom.com>
Source record: 215346
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna

Hello, Folks:

On October 13, 1996 the Eastern Ozarks Amateur Radio Club (EOARC) will sponsor a Fox Hunt in St. Francois County Missouri.

Sign up will be from 1300-1330 at the Mineral Area College parking lot in Park Hills (formerly Flat River) and the Hunt itself will start at 1400.

Entry is _FREE_ but you must register!!

Maps of St. Francois County will be provided.

The Fox will live on 2m FM simplex and the exact frequency will be announced by the Fox at 1400. The Fox will be somewhere in St. Francois County.

Certificates and ribbons will be awarded.

From St. Louis, take Interstate 55 south to US highway 67 south to the Leadington/Park Hills exit then turn left.

From Cape Girardeau, take Interstate 55 north to US Highway 67 south as above.

From Poplar Bluff, take US Highway 67 north to exit as above and turn right.

You may call on the EOARC repeater on 147.030 (+600) for talk-in.

All Amateurs are welcome and encouraged to attend!

Take Care & 73

Marty Albert - marty@trucom.com
Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM

Heartland Internet Services

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Virtual Web Servers from only $29.00 a month!
http://www.adgrafix.com/info/calbertjr
****

4557. Re: VANITY CALAMITY

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: <>
Message-ID: <53a66l$npo@news-s01.ca.us.ibm.net>
Source record: 215347

In <1996Oct6.143624.11415@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>In article <53247j$dpt@redstone.interpath.net> cphillips@pobox.com writes:
>>joseph barros <jbarros@ici.net> wrote:
>>>Just found out that all this fuss about getting applications in on the
>>>opening day of gate 2 was a BIG waste of time. First in first out
>>>doesn't apply. It's a big "lottery" system (as it was described in a
>>
>> I agree. I had read that the first applications received would be the
>>first processed, so I made an extra effort (no pun intended :-) to make
>>sure mine would be there early.
>>
>>>WWW page). All info is being entered into a computer and entries will be
>>>selected at random and their respective call signs issued. I thought I
>>>remember reading that calls were supposed to be issued on a first come
>>>first serve basis! But, then again I guess the saying, "I'm from the
>>
>> Same here, and I'm not very happy about it either.
>
>Well, the system *is* first in, first out, but the firsts are *days*.
>That's because the mail is delivered daily in batches, not one letter
>at a time all day long.
>
>It would be impossible to determine which letter in a large bag of letters
>delivered by the postal authorities (or private equivalents) is "first"
>and which is "last" except by some arbitrary selection method. Since
>the incoming mail is inevitably delivered in a batch, and that's outside
>FCC control, they have to use some arbitrary method to select which has
>first priority. A random lottery among each day's receipts seems the
>fairest method.
>
>It would be just as much a lottery if they took the first letter at
>the top of a mail bag first and the letter at the bottom of the mail
>bag last. The relative positions of the letters in the bag would be
>no less random. But since the truck delivering the mail no doubt
>had many bags, entering them all in the computer first is more fair
>than processing them bag at a time since that inevitably favors
>those in the bag first opened (which is likely to have been the
>last bag loaded on the truck, think about it).
>
>Do you have a better suggestion for prioritizing the letters in
>a bag, or group of bags, all delivered at the same time?
>
>Email would sort the entries in time order one by one, but that
>order wouldn't necessarily be the order in which they were sent.

>I still get Email that was sent days ago thanks to the vagaries
>of internet routing and the workings of POP servers. And I seriously
>doubt that the FCC's web presence is up to handling 4,500 near
>simultaneous logins.
>
>The only feasible alternative I can see would have been to disallow
>mail entries altogether and require amateurs to queue up individually
>in person outside the door to hand deliver their requuests one at a
>time. That would favor amateurs local to the area, of course, and
>couldn't be considered fair either in a national system.
>
>Gary
>--
>Gary Coffman KE4ZV | You make it, | Due to provider problems
>Destructive Testing Systems | we break it. | with previous uucp addresses
>534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
>Lawrenceville, GA 30244 | |

Well, when I started this thread, it was pretty ambiguous as to how the whole thing is being managed (Mellon or the FCC). Looks like after seeing the delay post, that it's still pretty much up in the air. Did anybody ever see/read anything about a 'lottery' before the gate opened? Once they cashed checks, that should have been the price of a lottery ticket. Not this selective malarkey that's going on.

- Jim

4558. Re: What features for 2M mobile?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <539ke5$5vl@jupiter.planet.net>
Source record: 215348

> gradyr@mindspring.com (Grady Russell) writes:
>
> With the purchase of a 2m mobile in the near future, was wanting a little
> input on features to look for. I haven't decided between just a 2M or a
> 2M/70cm unit...the deciding factor will be cost. So what type of features
> will I look for? What are mandatory and what are just added features. Any
> help on this appreciated...if you can, explain why! I'm new to this and
> willing to learn.
>
> TIA,
> Grady Russell
> KF4LDO

a back lite microphone..especially useful when dtmf'g at night

display that shows when lite by durect sunlight

something that can be remote mounted...most cars don't have
the spare to mount a whole unit up front

a microphone that allows some remote functions...changing between
memory and VFO possibly power levels, etc

built in ctcss decoding..encoding would be nice, but not necessary

if you can, try for the dual band. it's usually not that much more.

good luck have fun

steve KF2TI

4559. atv

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: bob <snokid@cris.com>
Message-ID: <3258DB3C.35E5@cris.com>
Source record: 215349

Hi I'm looking for information on atv stuff (kits and general reading)

thanks 73's de KB8VRU

4560. Amateur Radio: Elmers List Info and Administrivia

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: pschleck@novia.net
Message-ID: <radio/ham-radio/elmers/admin-1-844675205@novia.net>
Source record: 215350
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

Posted-By: auto-faq 3.3 beta (Perl 5.003)
Archive-name: radio/ham-radio/elmers/admin
Posting-Frequency: posted on the first Monday of each month
URL: http://www.novia.net/~pschleck/elmers/

-----BEGIN PGP SIGNED MESSAGE-----

Amateur Radio: Elmers List Info and Administrivia

This administrivia file and the companion Amateur Radio Elmers Resource Directory are intended for non-commercial distribution via the Internet. Any other uses, please E-mail for permission.

[Special Note: Greater Omaha Public Access Unix has been acquired by Novia Internetworking as of September 1, 1996. Novia will assume ownership of the gonix.com domain and intends to keep it active (aliased to novia.net) for the foreseeable future. This means that you may use either the new novia.net addresses, listed below, or the old gonix.com addresses for the Amateur Radio Elmers Resource Directory. I'd like to thank the administrators of Gonix for their outstanding support of this resource over the years, and look forward to a fruitful relationship with Novia Internetworking for some time to come.]

In order to standardize the Internet resource notation used in this Directory, I've decided to adopt Uniform Resource Locator (URL) format throughout. In addition to being a straightforward, human-readable, format for specifying File Transfer Protocol (FTP) archives, Gopher and World-Wide Web (WWW) servers, and Usenet newsgroups, it is also amenable to formatting as hypertext links in Hypertext Markup Language (HTML). For example, users viewing this document at designated World-Wide Web Servers (see "How may I obtain the latest copy of the Elmers List?" below) will see all URL's converted to hypertext links on their WWW client. Rather than fumbling with the various conventions of FTP, Gopher, WWW, and Usenet News software, the document or directory referenced by a hypertext link is but one mouse-click (or key-click) away.

While I'm happy to incorporate the latest and most popular information-formatting standards into the documents that I maintain, I really can't allow myself to be dragged into the role of a WWW help-desk for all of the Internet. Please understand this when I politely refer you to other Elmers, easily-obtainable on-line

documentation, or even local expertise such as resident gurus, consultants, or help-desks at your school, company, or information service provider.

The URL format is easily mapped into human FTP, Telnet, Gopher, and Usenet News reader commands. For example:

ftp://ftp.cs.buffalo.edu/pub/ham-radio/README

Anonymous FTP to ftp.cs.buffalo.edu and get the file README under the /pub/ham-radio directory.

gopher://oes1.oes.ca.gov:5555/

Access the Gopher root page at oes1.oes.ca.gov via non-standard port 5555 (if the standard Gopher port of 70 was used, the ":5555" part would be replaced by ":70" or most likely not appear at all).

telnet://callsign.cs.buffalo.edu:2000/

Initiate a Telnet (remote terminal) session with callsign.cs.buffalo.edu via non-standard port 2000 (if the standard Telnet port of 23 was used, the ":2000" part would be replaced by ":23" or most likely not appear at all).

news:rec.radio.info

Access the rec.radio.info newsgroup on your Usenet newsreader from your local news server.

URL's that start with:

http:

Are only accessible via WWW client software or "browsers".

For more information about URL formats, see:

ftp://nis.nsf.net/documents/rfc/rfc1630.txt
http://www.w3.org/hypertext/WWW/Addressing/Addressing.html

Disclaimer: While I have personally confirmed the accuracy of all URL's through the Lynx WWW client, any referenced documents external to this document are subject to future changes beyond my control. In addition, with networks and their administration being what it is, many services with up-to-date URL's may be temporarily unreachable. Please consult with your local gurus, consulting staff, or help-desk to confirm that it's a non-local problem, then ask the Elmer him or herself (me in the case of URL's which appear outside of individual entries). The currency and accuracy of URL's should be at least no worse than that of the Elmers entries themselves (which are each individually confirmed by me every 2 years, and updated within 1 month on request of the Elmer).

A Brief Historical Overview:

If there is any one constant in the changing state of the communications art, it is that "Hams" (Amateur Radio Operators) have always been on the forefront of it. Rumors abound where the term "Ham" came from. Some of the more amusing are described in the list of Frequently Asked Questions for this newsgroup.

Regardless of origin of the name, a "Ham" is universally recognizable as one who experiments in radio and communications.

Whether it be constructing a low-power CW radio with vacuum tubes, or designing TCP/IP packet networks, such experimentation has historically spilled over into the mainstream such as was the case with Howard Armstrong, who developed the regenerative oscillator and FM radio, or General Curtis LeMay (W6EZV) who was instrumental in making Single-Sideband the communications standard for the Strategic Air Command (1946-1992, now reorganized into a joint command called USSTRATCOM) and eventually the U.S. Air Force. Although packet-switching techniques originated from DARPA (Defense Advanced Research Projects Agency) and the ARPANet, no one can deny the tremendous influence that amateurs have had in demonstrating the viability of TCP/IP and AX.25 communications via radio links. The efforts of AMSAT (the Amateur Satellite Corporation), including the development of many ham satellites and the low-orbiting Microsats (communications satellites no bigger than a breadbox that use store-and-forward packet techniques), have certainly advanced the state-of-the-art in communications, one of the defined purposes of the Amateur Radio Service, as recognized by international treaty.

Since in many cases hams are writing "the book", there is often no "book" or other established reference for a beginner to refer to. Traditionally, information has been passed on from ham to ham via word-of-mouth. Like many of the traditional crafts, a variation of the Master-Apprentice system has emerged, the Elmer-Novice relationship. Called "Elmers" because they are usually older and wiser, having the benefit of many years in the hobby, including several failed projects, and an electric shock or two, they have traditionally been the mainstay of amateur radio, and the source of many new hams, particularly those interested in working on emerging technologies.

Even more importantly, Elmers provided an outlet for the impatient newcomer who wanted "to know everything, and right away." Faced with such a request, a good Elmer will smile and proceed to lead the novice through some project or operating experience. Several hours, days, or weeks later, the novice would have his answers, but would have earned them. Even better, the sense of accomplishment would boost the novice's confidence and nudge him or her down the road to being a model, experienced ham operator.

Many present hams feel that such an experience is missing today. In today's hustle-bustle world, the response to such natural curiosity and desire to learn is, more often than not, "I'm too busy" or "RTFM."

As a result, the quality of new hams declines and the knowledge and operating habits they develop in their first formative months and years leave much to be desired. And the very same hams who claim that they "can't understand the new generation" also, in almost the same breath, lament about the "decline of amateur radio."

What is an Elmer today?

An Elmer today is of any age, male or female, who has some expertise and is willing to share it with beginners. Elmers don't even need to be licensed amateurs, just people with knowledge in some area of electronics or communications technology.

What is an Internet Elmer?

With the ever-widening scope of the Internet, the amateur radio newsgroups on Usenet, and now the World-Wide Web, the potential for Elmers to share their knowledge to a wide audience has never been greater. To that end, I maintain a list of such Elmers. Volunteers need only send me their name, E-mail address, and area(s) of expertise. URL-format pointers to resources they maintain, such as WWW home pages or FTP archives, would also be quite welcome. The list has gotten large enough that there should be plenty of suitable examples to model your entry after. If you need some further assistance formatting your entry, drop me a line and tell me a bit about yourself. Ironically, sometimes the best Elmers write to me saying, "I'm not an expert, but..."

As part of the Elmers List's entry into the World-Wide Web, I've also provided a formatted WWW Registration Form. It may be accessed from:

http://www.novia.net/~pschleck/elmers/register.html

I have set up an administrivia mailbox for correspondence related to this list (elmers-request@novia.net, the default Reply-To: of this message). I would prefer that all such correspondence be directed to that address. In addition to saving it into a special folder, my incoming E-mail filter will also send you an automated return-receipt. While I can guarantee that I will read all mail sent to elmers-request before the next month's posting of the list, mail sent to pschleck may not necessarily get reviewed for some time (although all E-mail sent to me is certainly read with interest *eventually*).

Those desiring a more extensive list, or who need more specific assistance, are encouraged to contact Rosalie White, WA1STO, Educational Services Manager at the American Radio Relay League, 225 Main St., Newington, CT 06111 or via electronic mail addressed to rwhite@arrl.org.

How may I obtain the latest copy of the Elmers List?

There are currently 6 ways of obtaining the Elmers List. Any site at least reachable by Internet E-mail can use options 5 or 6:

1. World-Wide Web (WWW): This is the recommended method for accessing the Elmers list, as it allows this resource to be viewed as hypertext. The home site at www.novia.net features immediate updates each month, hypertext-linked subject and geographic indexes, keyword searching, and registration and feedback forms. The other two sites use automatically-converted versions of the Usenet news articles, but are still usable, particularly if you are outside North America. The site marked with an asterisk also offers Wide-Area Information Service (WAIS) index searching by keyword for all Usenet News FAQ's:
+ http://www.novia.net/~pschleck/elmers/
+
http://www.lib.ox.ac.uk/internet/news/faq/rec.radio.amateur.misc.html
+ http://www.cs.ruu.nl/cgi-bin/faqwais *
(Note: Because of maintenance problems - FAQ documents not being promptly updated in particular - the sites at Ohio State and Smart Pages are no longer recommended for accessing a current copy of the Elmers List and have been removed from the above list.)
see also the newsgroups under comp.infosystems.www.* (I haven't listed URL's for all of the newsgroups under this hierarchy as there are now about a dozen of them (!!!).)
2. Usenet News: This was the original distribution medium for the Elmers list. It continues to be supported for users who cannot access the World-Wide Web. Since the document uses URL's throughout, the news article version may also be viewed as hypertext via some mail and news readers. The latest copy of the list can be found in the news articles with the Subjects of "Amateur Radio: Elmers Resource Directory [A-*]," "Amateur Radio: Elmers Resource Directory [*-*]," and "Amateur Radio Elmers Resource Directory [*-Z]" (The * represents a wildcard character, as the need to split the list evenly, as well as keep all parts under the 64K message limit for Usenet, requires that I adjust the split occasionally). Since the list is cross-posted to the following newsgroups:
+ news:rec.radio.amateur.misc
+ news:rec.radio.info
+ news:rec.answers
+ news:news.answers
on the first Monday of each month, with an expiration date 6 weeks into the future, there should always be a copy available at most news sites. Check your newsreader documentation for information about reading previously-read articles or articles that are "threaded" to this one. Also complain to your local news administrator (E-mail to "news" or "usenet" on your local host) if your local news server is configured to ignore Expires headers (and thus prematurely delete the articles) in worthwhile, mostly moderated, information newsgroups like those listed above.

3. Anonymous FTP: If your site is directly connected to the Internet,
you may retrieve the latest copy via File Transfer Protocol (FTP)
from the following sites:
+ ftp://ftp.novia.net/customers/pschleck/elmers/
+ ftp://ftp.cs.buffalo.edu/pub/ham-radio/
+
ftp://rtfm.mit.edu/pub/usenet/news.answers/radio/ham-radio/elm
ers/
+ ftp://ftp.uu.net/usenet/news.answers/radio/ham-radio/elmers/
4. Internet Gopher: The latest copy of the list should be available
from the following Gopher sites:
+ gopher://jupiter.sun.csd.unb.ca/
+ gopher://gopher.univ-lyon1.fr/
+ gopher://ftp.win.tue.nl/
+ gopher://gopher.win.tue.nl/
see also news:comp.infosystems.gopher
5. Mailing-List: Since the list is cross-posted to rec.radio.info,
the latest copy may be obtained from the mailing-list gateway for
that newsgroup (along with many other informational articles about
radio) when it is published each month. To subscribe, send E-mail
to:
listserv@ucsd.edu
and in the BODY (not the Subject) of the message, write:

subscribe radio-info
The server may not be able to determine your return address. In
that case write:

subscribe radio-info (your E-mail address)
You should get an acknowledgement very shortly.
6. Mail-Server: If you don't want to read through the entire gateway
of rec.radio.info, or want a copy of the list right away, send
E-mail to:
ftpmail@ftp.novia.net
and in the BODY (not the Subject) of the message, write:

open
get /customers/pschleck/elmers/admin
get /customers/pschleck/elmers/index/subject
get /customers/pschleck/elmers/index/geographic
get /customers/pschleck/elmers/list/part1
get /customers/pschleck/elmers/list/part2
get /customers/pschleck/elmers/list/part3
get /customers/pschleck/elmers/list/part4
get /customers/pschleck/elmers/diff

Alternatively, send E-mail to:
mail-server@rtfm.mit.edu
and in the BODY (not the Subject) of the message, write:

send usenet/news.answers/radio/ham-radio/elmers/admin
send usenet/news.answers/radio/ham-radio/elmers/index/subject

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send usenet/news.answers/radio/ham-radio/elmers/index/geographic
send usenet/news.answers/radio/ham-radio/elmers/list/part1
send usenet/news.answers/radio/ham-radio/elmers/list/part2
send usenet/news.answers/radio/ham-radio/elmers/list/part3
send usenet/news.answers/radio/ham-radio/elmers/list/part4
send usenet/news.answers/radio/ham-radio/elmers/diff
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and the latest copy of the list should be sent to you E-mail
within 24 hours (the mail-server uses batch priority to reduce
system demand).

How may I contribute to the Elmers List?

By using this resource, you are benefitting the net by obtaining
assistance in the fastest and most efficient way possible. By
volunteering to appear on this list, you are contributing to the good
reputation of the radio-related newsgroups.

Thanks to all the volunteer Elmers, as well as courteous list users,
for making this service a success.

--
73, Paul W. Schleck, KD3FU

pschleck@novia.net (personal mail)
elmers-request@novia.net (Elmers List administrivia)


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-----BEGIN PGP SIGNATURE-----
Version: 2.6.2

iQCVAwUBMlg21CROYYq72ea1AQGGaQP/eo3f9BcIH5gXzceyJ04SD4vWxz+iGWG0
QKjeiXWPy8NqY7T9SdcY7gSCxMOf5FYcrcooplmZCpdh8LzBtucFdncYdLPYBRWd
AnKvz+k5HYTj7XI1rI63/mdZMN3KMPufpS64RNcUhdgcIVBfoSFmCqM8zk0y6Zfo
+O2TWAXCi4o=
=bxxN
-----END PGP SIGNATURE-----
```

4561. Amateur Radio: Elmers List Subject Quick-Search Index

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: pschleck@novia.net
Message-ID: <radio/ham-radio/elmers/index/subject-1-844675276@novia.net>
Source record: 215351
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

Posted-By: auto-faq 3.3 beta (Perl 5.003)
Archive-name: radio/ham-radio/elmers/index/subject
Posting-Frequency: posted on the first Monday of each month
URL: http://www.novia.net/~pschleck/elmers/

-----BEGIN PGP SIGNED MESSAGE-----

Amateur Radio: Elmers List Subject Quick-Search Index

(Note: This index is not necessarily all-inclusive and some Elmers are
listed more than once.)

10-X INTERNATIONAL

* Cebik (Mailing List and WWW Page)

AMATEUR RADIO EMERGENCY SERVICE (ARES)/RADIO AMATEUR CIVIL EMERGENCY SERVICE
(RACES)/SKYWARN

* Adams, I (ARES and SKYWARN)
* Ammar
* Ayers (RACES and SKYWARN)
* Boccardi (ARES/RACES/SKYWARN)
* Boudda (Morocco)
* Butler
* Chilton (EMA Radio Officer)
* Glago (Sonoma Valley, CA ARES and RACES Director)
* Gray (Arkansas Section)
* Humphries (ex-Asst. EC)
* Ihry (ARES/RACES/SKYWARN)
* Knauer (ARES and SKYWARN, including National SKYWARN WWW Page)
* Kruml (Northeast King County, WA ARES EC, EComm Pacific Northwest
ARES Internet Mailing List)
* Lao (Philippines)
* Miller (Ventura County, CA ARES Area 6 Packet Radio Training Group
and WWW Page)
* Mills (SKYWARN)
* Moell, A (Hospital Disaster Support Communications System and WWW
Page)
* Morgan (ARES and SKYWARN)
* Morris (ARES)
* Neeson
* Neff
* Paperman

* Schliesser (SKYWARN)
* Schwartz (NYC EC for Operations)
* Shelton, P
* Smith (ARES and SKYWARN)
* Stader (EMAS SEC)

AMATEUR SATELLITE CORPORATION (AMSAT)

* Boudda (Morocco)
* Galazka
* Johnson, C
* Lee (Korea)
* Roth (Portland, OR Area Coordinator)
* Williamson, P (WWW Page, Anonymous FTP Archive, and Mailing Lists)

AMATEUR TELEPRINTER OVER RADIO (AMTOR)/PACKET TELEPRINTER OVER RADIO (PACTOR)/RADIO TELETYPE (RTTY)

* Bernstein
* Butler
* Leavey (73 Magazine RTTY Loop Column and WWW Page)
* Neeson
* Reynolds (FSK, PSK, MSK, Various Types of ARQ and FEC Systems)
* Sayer (also decoding CHU's ASCII time code)
* Sussman (Publisher of PACTOR News WWW Page, Speaker and Host of PACTOR Forum at Dayton Hamvention)

AMERICA ON-LINE

* Ruh (ATV Quarterly Representative, Ham Radio Manufacturers and Dealers Section)
* Stader (Host and Manager, Ham Radio Club Forum)

AMERICAN RADIO RELAY LEAGUE (ARRL)

* Bauer (W1AW Manager and Chief Operator, ARRL Bulletin Mailing List)
* Bloom (QEX Editor, ARRL CNC Contact)
* Cebik (Educational Advisor)
* Cira (Los Angeles, CA ACC)
* Ehrlich (EMAS Internetworking ASM)
* Elmore (CO TC)
* Goldstein (Volunteer Counsel - Florida Only)
* Halle (Phoenix, AZ Area Official Observer Coordinator)
* Hare (Laboratory Manager)
* Hill (TN TS)
* Jahnke (VEC Manager)
* Kruml (Northeast King County, WA EC)
* Lau (Technical Consultant)
* Newkirk (Webmaster, HQ WWW Page)
* Redding, T (Educational Advisor)
* Sefranek (EMAS TA)
* Sohl (NJ Local Govt. Liason)

* Stader (EMAS ASM and DEC)
* Tracy (InfoServer Sysop, TIS Coordinator)
* Turner (Volunteer Counsel)

AMIGA PERSONAL COMPUTER

* Leadmon (Amiga NOS FTP Archive)
* Morris
* Salnick
* Whatton (Manager, Amiga Amateur Radio User Group and WWW Page)

ANTENNAS

* Anthony
* Ayers
* Brewer (wire HF)
* Brubaker (HF)
* Butler
* Cebik
* Chahine
* Cieslak, C
* Coyle (multi-band wire HF)
* DePolo (Design/Theory)
* Elmore
* Galazka
* Graham (wire HF for apartments)
* Gray
* Halbert (simple designs)
* Hill (Mobile, including HF)
* Humphries (VHF and multi-band wire arrays)
* Ihry
* Morris
* Mouw
* Muenzler
* Myers (and transmission lines)
* Neeson
* Orcutt
* Redding, J (including VHF/UHF)
* Reynolds (including HF)
* Rymell
* Salnick
* Salyzyn
* Sarrio
* Sefranek (and Transmission Lines)
* Shelton, J
* Shelton, P
* Silva
* Smith (including Homebrew)
* Standerfer
* Stine (wire HF)
* Stockton

* Taylor
* Thomson (wire HF)
* van de Kerk (HF Low-Profile)
* Zurn (wire HF)

ANTIQUE AND OLDER EQUIPMENT

* Anthony
* Ayers
* Bellville
* Brewer (40's-70's and WWW Page)
* Butler
* Dean
* Drechsel (Collins Radio Virtual Museum WWW Page)
* Eisenberg
* Hill (Mailing List)
* Keys (including HF and CW)
* McEwen (Telegraph Key Collectors and Historians WWW Page)
* Morris
* Muncey (Terry Muncey dba Radio Era Schematics and Documentation Archives)
* Orcutt
* Paperman (Manuals, Service Information, and Literature)
* Standerfer
* Turner (including Kenwood and Ten-Tec)

APPLE MACINTOSH COMPUTER

* Been
* Bellville
* Boccardi
* Buydens
* Greatorex (including Amateur Radio Software FTP Archive)
* Mills
* Morris
* Seney (Macnet, including Anonymous FTP Archive and WWW Page, List of Amateur Radio Software WWW Page)
* Sohl

BATTERIES

* Ammar
* Ayers
* Browne
* Cieslak, C
* Eisenberg
* Hammill (Sealed Lead-Acid)
* Ihry
* Morris
* Muenzler
* Myers
* Redding, J

* Sefranek (including Solar Operation)
* Sohl

BRITISH AMATEUR TELEVISION CLUB (BATC)

* Pawson (WWW Page)

BULLETIN-BOARD SYSTEMS (BBS'S)

* Bertolino (Trance - Italy)
* Butler
* Cira (HAM*INFO*LINK*SOURCE*BBS)
* Gathergood (CQ Centre - United Kingdom)
* Johnson, C
* Meredith (F6FBB Packet BBS Support)
* Reeves
* Stillinger (IBBS)
* Watters

CALLSIGN DATA/NATIONAL TECHNICAL INFORMATION SERVICE (NTIS)

* Carruth
* Lloyd (QRZ! Ham Radio CDROM and Callsign/E-mail Registry)

CIVIL AIR PATROL (CAP)

* Moore
* Standerfer

COLLEGE CLUBS

* Bernstein (President, Georgia Tech ARC)
* DePolo (Technical Director, Univ. of Pennsylvania ARC)
* Edwards (Univ. of Maryland ARA)
* French, et al (Ham-Univ Mailing List)
* Killebrew (Trustee, University of Houston Amateur Radio Club)
* Luszcz (WWW Page)
* Madsen, et al (Iowa State Elmers)
* Mills (Auburn University)
* Schleck

COMMERCIAL EQUIPMENT

* Bellville
* Cieslak, C
* DePolo
* Dodell (Mailing List)
* Eisenberg
* Gray
* Ihry
* Veres (Commercial Radio through 12 GHz, UHF and 2.5 GHz ITFS TV)
* Wier (ICOM Mailing List)

CW (MORSE CODE)

* Been
* Bono (AutoCW)
* Butler
* Caserta
* Chahine
* Cieslak, C
* Elmers
* Elmore
* Galazka
* Hill (learning hints)
* Ihry
* Johnson, C
* Keys (including CWIST HF CW Net)
* McEwen (Telegraph Key Collectors and Historians WWW Page)
* Morris
* Muenzler
* Neeson
* Salyzyn
* Sarrio
* Shelton, P
* Silva
* Stine
* Stockton
* van de Kerk
* Watters
* Zurn (including European abbreviations)

DIGITAL SIGNAL PROCESSING (DSP)

* Ayers
* Bloom
* Bruhns
* Butler
* Chahine
* Edwards
* Gilliver
* Goerg (Webb Laboratories RF/Microwave CAE WWW Page)
* Hall (including WWW Page)
* Ihry
* Lee
* van Vliet (Filters, including Integrated, Distributed, Lumped, and Active)

DIRECTION FINDING (DF)

* Douglas (including Doppler and DF Systems WWW Page)
* Moell, J (Homing In Column WWW Page)
* Orcutt

DUTCH NATIONAL RADIO SOCIETY (VERON)

* Bruinsma (National Public Relations Committee, National WWW Page, Woerden Chapter Board Member, and Woerden Chapter WWW Page)

EARTH-MOON-EARTH (EME) COMMUNICATIONS

* Bernstein
* Cook (including WWW Page)
* Galazka
* Lee (Korea)
* Smit (WWW Page)

EQUIPMENT TESTING/TROUBLESHOOTING

* Ayers (Tube and Solid-State)
* Boccardi (Electrical Safety and Grounding)
* Brewer (Tube Gear)
* Bridges (Tech Bench Elmers Amateur Radio Society WWW Page)
* Bruhns (Low-Level/Low-Frequency Analog and Transmission Line Measurements)
* Butler
* Coyle (Kenwood TS-830S and TS-940/AT Service)
* DePolo
* Drechsel (Collins Radio Virtual Museum WWW Page)
* Dworkin
* Eisenberg
* Elmore (Troubleshooting)
* Galazka
* Goldman (Tech Bench Elmers Amateur Radio Society)
* Hare (ARRL Laboratory Manager)
* Ihry (General Electronics)
* Lord (including Radio Doctor's WWW Page)
* Morris
* Muncey (Terry Muncey dba Radio Era Schematics and Documentation Archives)
* Myers
* Ornitz (Instrumentation)
* Paperman (Manuals, Service Information, and Literature)
* Rymell (Electronics and Computer Service Work)
* Salnick
* Salyzyn
* Sefranek (including Power Supplies and Amplifiers)
* Seney (Digital Storage Scope FAQ)
* Standerfer (Test Equipment and Measurements)
* Stockton
* Taylor
* Veres (Commercial Radio through 12 GHz, UHF and 2.5 GHz ITFS TV)
* Wendt (Founder, Tech Bench Elmers Amateur Radio Society)
* Witte (Instrumentation, Test Equipment, and Measurements)

FINNISH AMATEUR RADIO LEAGUE (SRAL)

* Toijala (HQ Contact and WWW Page)

FREQUENTLY ASKED QUESTIONS (FAQ's)

* Adams, C (QRP Rig Standardized Info Sheets)
* Bowen (Supplemental FTP Archives, Internet Callbook Server)
* Cebik (QRP Periodicals, Electronics Books, and Antenna Books Lists)
* Cheeseman (Australia)
* Dawson (Linux HAM and AX.25 HOWTO's)
* Dodell (rec.radio.info Newsgroup)
* Goldstein (Packet Radio WWW Server, including Packet FAQ)
* Hill (Antennas)
* Jahnke (VE Exams Scheduled)
* Lloyd (QRZ! Callsign/E-mail Registry)
* Moell, J (Radio Direction Finding)
* Ruh (Amateur Television)
* Salyzyn (Hams on Usenet)
* Seney (General Amateur Radio, Digital Storage Scopes, and Macintosh Amateur Radio Software List WWW Pages)
* Turvey (United Kingdom)
* Twigger (Amateur Radio Exam Practice WWW Page)
* Williams (Amateur Radio WWW Server)
* Woods (Mail-Order Electronics)
* Yee (Online Repeater Directory)

GEORGIA RADIO AMATEUR PACKET ENTHUSIASTS SOCIETY (GRAPES)

* Bernstein
* Coffman (E-mail Contact)

HANDICAPPED OPERATING

* Gilliver (Blind Issues)
* Madsen, et al
* Tice (Manager, Courage HANDI-HAM System)

HIGH FREQUENCY (HF)/CONTESTING/DX

* Ayers
* Bernstein
* Bertolino (425 DX News and IOTA WWW Page)
* Boudda (Morocco)
* Brubaker
* Butler
* Caserta
* Chilton
* Cieslak, C
* Coyle (including Station Setup for New Hams)
* DePolo
* Dworkin
* Elmore (DX'ing, Contesting, and Propagation)
* Galazka
* Gilbert
* Gray
* Hill (Mobile)
* Ihry

* Job (Maritime Mobile Service Net)
* Johnson, C
* Kumagai (CQWW Committee Member, JIDX Committee Chairman, Japanese DX Contest Mailserver and Mailing List)
* Madsen, et al
* Martz (Bay Area, California, DX'ers WWW Page)
* Mills
* Muenzler
* Neader (Contesters and DX'ers WWW Page)
* Neff
* Nerenberg (DX Mailing List and WWW Page)
* Orcutt (SWL'ing, including Clandestines)
* Salnick
* Sarrio (CW)
* Silva
* Simpson (Best of 75 Net)
* Stiegler (Manager, Maritime Mobile Service Net)
* Thomson (Mostly CW)
* Tidd (DXCC Databases)
* Traubman (Russian Phrases for Amateur Radio)
* van de Kerk (CW, Low Profile)
* Veres
* Witkowski (DX QSL Info WWW Page)
* Zurn

HOMEBREWING/DO-IT-YOURSELF

* Ayers (Tube and Solid-State)
* Bernstein
* Bridges (Tech Bench Elmers Amateur Radio Society WWW Page)
* Bruhns (including Low-Level/Low-Frequency Analog, DSP, Surface Mounting, and Transmission Lines)
* Butler
* Carruth (Digital Design, Software)
* Chilton
* Cieslak, C
* Dean
* DePolo
* Edwards (including DSP)
* Eisenberg
* Elmore (Construction Practices)
* Galazka
* Gilliver (DSP, Blind Issues)
* Goldman (Tech Bench Elmers Amateur Radio Society)
* Gray
* Gunton (Microwave Components/Techlock Distributing WWW Page)
* Halbert (QRP)
* Hall (including DSP WWW Page)
* Hill ("Glowbugs" Tube Homebrewing Mailing List)
* Hosking (Perth, Australia Radio Experimenters Group and WWW Page)
* Ihry (General Electronics, Computers, and Computer Programming)

* Johnson, R
* Keys (Junk Box Projects, National Electrical Code for Hams)
* Kohnen (Tubes)
* Lau (Transverters, VHF/UHF, Filters, Repeatable Projects)
* Muenzler
* Myers (Transmission Lines, Analog and Digital Design)
* Neeson
* Ornitz (Chemical and Toxic Material Use and Handling)
* Rymell (Electronics and Computers, Low-Cost Projects)
* Salyzyn
* Sayer (Class-C Bipolar Amplifiers and Phased-Lock-Loop Circuits)
* Sefranek (Amplifiers, Battery/Solar Operation, Power Supplies, and Repeaters)
* Silva (Analog, Digital, Tubes, Semiconductors, RF, Finding Parts)
* Stine (Tube Amplifiers, Receivers, and Exciters)
* Stockton (including QRP)
* Taylor (Tubes and Amplifiers)
* van Vliet (including Power Amplifiers, Low-Noise Amplifiers, and Mixers for Microwave)
* Wendt (Founder, Tech Bench Elmers Amateur Radio Society)
* Woods (Mail-Order Electronics)

IBM PERSONAL COMPUTER (PC) AND CLONES

* Ammar
* Angus
* Ayers
* Bellville
* Bernstein
* Bono (AutoExam, et al)
* Butler
* Buydens
* Caserta
* Cieslak, C
* Cole
* Crick (Windows, Ham University)
* Currie (DOS, Windows 3.x & 95, Linux, Hardware)
* Dawson (Linux on Intel)
* Dean
* Dworkin
* Ehrlich
* Gray
* Ihry
* Johnson, R
* Keller
* Knauer
* Mills
* Moor
* Morris
* Muenzler
* Neff

* Orcutt
* Perens (Linux for Hams CDROM)
* Petersen (Simtel Software Repository)
* Redding, J
* Smith (Building and Maintaining)
* Watters

INTERNET SERVICES

* Ammar
* Bellville
* Bernstein
* Butler
* Caserta
* Cieslak, C
* Currie
* Dean
* Gray
* Ihry
* Knauer
* Mills
* Moor
* Morris
* Orcutt
* Redding, J
* Schleck
* Smith
* Sohl
* Taylor
* Watters

LOW FREQUENCY (LF)

* Butler
* Thomson (LF/MF Radiobeacon DX'ing)

MAIL/FILE TRANSFER PROTOCOL (FTP)/WORLD-WIDE WEB (WWW)/MULTIPLE-USER DUNGEON (MUD) SERVERS/ARCHIVES

* Affens (CQ Magazine WWW Page)
* Ardai (Boston ARC WWW Page)
* Bellville (Scanner, Ham, and CB Radio WWW Pages)
* Bertolino (425 DX News and IOTA WWW Page)
* Bible (Spread Spectrum WWW Page)
* Bloom, et al (ARRL Info Mail Server)
* Bowen (rec.radio.amateur.* Supplemental Archives)
* Brewer (Antique and Older Equipment WWW Page)
* Bridges (Tech Bench Elmers Amateur Radio Society WWW Page)
* Bruinsma (VERON National and Woerden Chapter WWW Pages)
* Caserta (425 DX News WWW Page and FTP Archives)
* Cebik (10-X International WWW Page)
* Cook (EME and Weak Signal WWW Page)

* Davis (NZART WWW Page)
* deVolpi (Amsoft and World of Ham Radio WWW Page)
* Douglas (DF Systems WWW Page)
* Drechsel (Collins Radio Virtual Museum WWW Page)
* Gibbs (Isle of Guernsey, UK, Amateur Radio Index WWW Page)
* Goerg (Webb Laboratories RF/Microwave CAE WWW Page)
* Goldstein (Packet Radio and TAPR WWW Server)
* Greatorex (Boston ARC FTP Archive)
* Gunton (Microwave Components/Techlock Distributing WWW Page)
* Hall (DSP WWW Page)
* Harding (Ham Server and WWW Page)
* Hosking (Perth, Australia Radio Experimenters Group WWW Page)
* Huntting (KaWin WWW Page)
* Keezer (HamView WWW Page)
* Kile (North American Amateur Radio Equipment Dealers WWW Page)
* Killebrew (University of Houston ARC and Internet Relay Chat
#HamRadio Channel WWW Pages)
* Knauer (National SKYWARN WWW Page)
* Komppa (Foreign Licensing WWW Page)
* Kumagai (Japanese DX Mailserver and Mailing List)
* Langner (SSTV WWW Page)
* Leadmon (WB3FFV FTP Archive and WWW Page)
* Leavey (73 Magazine RTTY Loop Column WWW Page)
* Leynes (Youthnet News WWW Page)
* Lloyd (QRZ! Ham Radio CDROM FTP Archive and WWW Page)
* Luszcz (College and University Club List WWW Page)
* Martz (Bay Area, California, DX'ers WWW Page)
* McEwen (Telegraph Key Collectors and Historians WWW Page)
* Miller (Ventura County, CA ARES Area 6 Packet Radio Training Group
WWW Page)
* Moell, A (Hospital Disaster Support Communications System WWW
Page)
* Neader (Contesters and DX'ers WWW Page)
* Nerenberg (Contesting, DX, and Technical Amateur Radio WWW Page)
* Newkirk (ARRL HQ WWW Page)
* Nielsen (TAPR)
* Pawson (British Amateur Television Club WWW Page)
* Perens (Linux for Hams CDROM, WWW Page and Mail Server)
* Petersen (Simtel Software Repository)
* Pulfer (Radio Amateurs of Canada WWW Page)
* Reis (Brazil Ham WWW Page)
* Sarrio (Raymond Sarrio Co. Full-Purpose Ham Radio WWW Server)
* Schwartz (NYC ARES WWW Page)
* Seney (Digital Storage Scope FAQ, Macnet, and Macintosh Amateur
Radio Software List WWW Pages)
* Simpson (Best of 75 Net and Security/Fire Systems WWW Pages)
* Smit (EME and SETI WWW Page)
* Sproul, M (APRS WWW Page)
* Stader, et al (Massachusetts Emergency Management Agency WWW Page)
* Stiegler (Maritime Mobile Service Net WWW Page)

* Strobel (K6PBT Dealer Directory WWW Home Page)
* Sussman (PACTOR News WWW Page)
* Tice (Courage HANDI-HAM System WWW Page)
* Toijala (SRAL WWW Page)
* Twigger (Amateur Radio Exam Practice WWW Page)
* Vekinis (Picosat System WWW Page)
* Walsh (QCWA WWW Page)
* Whatton (Amiga Amateur Radio User Group WWW Page)
* Wilkins (California Amateur VHF Enthusiasts WWW Page)
* Williams (Amateur Radio WWW Server)
* Williamson, P (AMSAT WWW Page and Anonymous FTP Archives)
* Witkowski (DX QSL Info WWW Page)
* Woods (Mail-Order Electronics FTP Archive and WWW page)

MAILING LISTS

* Ackermann (TAPR Net-SIG BBS)
* Adams, C (QRP-L)
* Ardai (Many, see full entry)
* Bauer (ARRL Bulletins)
* Caserta (425 DX News Mailing List)
* Cebik (10-X International)
* Colwell (Advanced Computer Controls and Link Communications Repeater Controllers)
* deVolpi (AmSoft and World of Ham Radio Product Announcements)
* Dodell (Land-Mobile Radio, MARS Members)
* French, et al (Ham-Univ College and University Clubs)
* Hill (Antique and Older Tube Equipment, rec.radio.amateur.* Working Group, "Glowbugs" Tube Homebrewing)
* Kruml (EComm Pacific Northwest ARES)
* Leadmon (MD/DC Activities)
* Madsen, et al (Iowa State Elmers)
* Meredith (F6FBB Packet BBS)
* Nerenberg (DX)
* Wier (Motorola HC11/HC16 and ICOM)
* Williamson, P (Many, AMSAT-related)

MEDIA (PUBLICATION/WRITING/BROADCASTING)

* Affens (CQ Magazine)
* Bertolino (SWL Page of Radio Rivista, Italy)
* Bloom (QEX)
* Buelow (TAPR BBSSIG User Education Working Group)
* Cebik (Technical Writing, FAQ's)
* Coletti, et al (Newsline)
* DeWolf (Media Relations for Clubs, Syndicated Columnist on Internet Matters)
* Lau (QST/QEX)
* Leavey (73 Magazine RTTY Loop Column)
* Leynes (Editor-in-Chief, Youthnet News)
* Lloyd (QRZ! Ham Radio CDROM)

* Moell, J (Homing In Column and WWW Page)
* Moore (Co-Host, Ham Radio and More)
* Moseson (CQ Magazine Online Coordinator)
* Perens (Linux for Hams CDROM)
* Ruh (ATV Quarterly)
* Schleck (FAQ's and auto-faq)
* Seney (Macnet)
* Sussman (PACTOR News)
* Witte (Ham Magazines, Electrical Engineering Publications, and a few books)

MEDIUM FREQUENCY (MF, 160 METERS)

* Ayers
* Bernstein
* Butler
* Gray
* Stillinger
* Thomson (LF/MF Radiobeacon DX'ing)
* Zurn

MICROWAVE

* Bernstein
* Goerg (Webb Laboratories RF/Microwave CAE WWW Page)
* Gunton (Microwave Components/Techlock Distributing WWW Page)
* Hammill
* Lau (Transverters up to 24 Ghz)
* Lee
* Reynolds (SHF)
* Stillinger
* van Vliet (including Power Amplifiers, Low-Noise Amplifiers, and Mixers)
* Veres (Commercial Radio through 12 GHz, 2.5 GHz ITFS TV)

MILITARY AFFILIATE RADIO SYSTEM (MARS)

* Alexander (Navy)
* Ayers
* Browne (Navy)
* Cartier (Army, CT Director for Emergency Operations)
* Dodell (Air Force, Mailing List)
* Gutstadt (Navy/Marine Corps.)
* Ingerson (Navy/Marine Corps., ME Area of Region ONE)
* Smith (Air Force)
* Taylor (Air Force)

MOBILE/PORTABLE/FIELD DAY

* Adams, I (Mobile and Portable)
* Ammar (Portable and Field Day)
* Ayers (Mobile and Portable)
* Bernstein (Field Day)

* Boccardi (Field Day)
* Butler (Field Day)
* Carruth (FM and HT's)
* Caserta (Portable)
* Chahine
* Cieslak, B (Field Day, Category 2A)
* Cieslak, C
* Dean
* Eisenberg (Mobile)
* Estes (Bicycle HF)
* Gray
* Hare (RFI issues)
* Hill (including MF, HF)
* Humphries
* Ihry
* Job (Maritime Mobile Service Net)
* Keller (HF)
* Morris (Portable)
* Redding, J (Portable)
* Salyzyn (HF CW)
* Schliesser (Mobile)
* Shelton, J (Field Day)
* Smith (Mobile and Portable)
* Stiegler (Manager, Maritime Mobile Service Net)

NATIONAL TRAFFIC SYSTEM (NTS)

* Boccardi
* Butler
* Elmore
* Goldstein (NCS FL Net, Packet)
* Neeson (Eastern Canada, Digital Modes)
* Salyzyn (Canada)
* Zurn (Europe)

NEW ZEALAND ASSOCIATION OF RADIO TRANSMITTERS (NZART)

* Andrews (Frequency Management and Technical Advisory Group Chair)
* Davis (WWW Page)

NORTH AMERICAN CENTER FOR EMERGENCY COMMUNICATIONS (NACEC)

* Addy (Executive Director and WWW Page)

NOVICE/TECH INSTRUCTION

* Adams, I
* Anthony
* Ayers
* Been
* Bellville (K-12 Educator and Consultant)
* Bono (AutoExam/AutoCW)
* Chilton

* Cieslak, C
* Dean (York - Ontario, Canada - Region Amateur Radio Club
Instructor)
* Deutschmann
* DeWolf (Ottowa Valley, Canada Instructor)
* Dworkin
* Galazka
* Glago (Public Service for Beginning Amateurs)
* Gray
* Hill (CW Learning Hints)
* Ihry
* Larson
* Madsen, et al
* Maia (W5YI Group Education Division)
* Mills
* Morris
* Muenzler
* Myers (including Basic Electronics and Communications Theory)
* Neff
* Paperman
* Redding, J
* Redding, T
* Reeves
* Smith
* Stader
* Twigger (Amateur Radio Exam Practice WWW Page)

PACKET AND DIGITAL NETWORKING

* Ackermann (including TCP/IP, TAPR, Net-SIG, and Kantronics D4-10
19.2kBaud Radio Modems, Joint IP Coordinator for Ohio Subnet)
* Angus (TCP/IP, NOS, UUPC, Tnet, and SNEWS, SCO Xenix, Windows 95,
IP Coordinator for CA - LA County Subnet)
* Bellville (including Rose)
* Bloom (ARRL CNC Contact)
* Boccardi (including APRS)
* Buelow (TAPR BBSSIG User Education Working Group)
* Butler
* Caserta
* Cieslak, C
* Coffman (GRAPES 56 kBaud Radio Modems)
* Cole (TCP/IP and NOS)
* Coyle
* Dawson (Linux HAM and AX.25 HOWTO's, ampr.org IP Coordinator for
Sydney, Australia, Internet Gateways)
* Dean
* Deutschmann
* Dodell (IP Coordinator for AZ Subnet)
* Elmers
* Fracchia (Argentina)
* Goldstein (TAPR TNC-2 Firmware, Packet Radio and TAPR WWW Server)

* Graham (KAMterm)
* Gray
* Huntting (KaWin WWW Page)
* Ingerson (TCP/IP, IP Coordinator for Maine Subnet)
* Johnson, C
* Karn (SQPSK Software Modem for Amateur Satellites)
* Leadmon (IP Coordinator for MD Subnet)
* Lee (Korea)
* Leynes (TCP/IP)
* Madsen, et al (Iowa State Elmers)
* Meredith (AZ VHF/UHF Digital Coordinator, F6FBB Packet BBS Mailing List and Support BBS)
* Miller (Ventura County, CA ARES Area 6 Packet Radio Training Group and WWW Page)
* Mills
* Neeson
* Nerenberg (TCP/IP)
* Nielsen (TAPR)
* Redding, J
* Reynolds (TCP/IP over HF)
* Salyzyn (Canadian)
* Sayer (VHF)
* Schleck (MACA)
* Schliesser
* Seney (Macnet)
* Smith
* Sproul, K (APRS)
* Sproul, M (APRS, including WWW Page)
* Stader (TCP/IP and Macintosh)
* Vail (TCP/IP, TAPR/9600)
* Watters

PART-15 BROADCASTING

* Browne
* Eisenberg
* Ornitz

POWER SUPPLIES

* Adams, I
* Ayers
* Butler
* Cieslak, C
* Dean
* Gray
* Ihry
* Morris
* Muenzler
* Myers
* Sefranek

PRODUCT INFO/FEEDBACK

* Bono (AutoExam, AutoCW, et al)
* Coffman (GRAPES 56 kBaud Radio Modems)
* Colwell (Advanced Computer Controls and Link Communications Repeater Controllers Mailing Lists)
* Crick (Ham University for Windows)
* Dawson (Linux HAM and AX.25 HOWTO's)
* deVolpi (AmSoft and World of Ham Radio Product Announcements Mailing List and WWW Page)
* Douglas (DF Systems WWW Page)
* Drechsel (Collins Radio Virtual Museum WWW Page)
* Gilhuly (Kentrol and SkedMan, FTP Archive and WWW Page)
* Gunton (Microwave Components/Techlock Distributing WWW Page)
* Huntting (KaWin WWW Page)
* Keezer (HamView WWW Page)
* Kile (North American Amateur Radio Equipment Dealers WWW Page)
* Lloyd (QRZ! Ham Radio CDROM, FTP Archive and WWW Page)
* Moell, J (Radio Direction Finding Equipment)
* Muncey (Terry Muncey dba Radio Era Schematics and Documentation Archives WWW Page)
* Paperman (Manuals, Service Information, and Literature)
* Pascal (Swisslog Ham Radio Log Program)
* Perens (Linux for Hams CDROM, WWW Page and Mail Server)
* Seney (Macnet, including Anonymous FTP Archive and WWW Page)
* Strobel (K6PBT Dealer Directory WWW Home Page)
* Traubman (Russian Phrases for Amateur Radio)
* Wier (ICOM Mailing List)

QRP (LOW POWER)

* Adams, C (QRP-L Mailing List, Standardized Info Sheets on QRP Rigs)
* Buydens
* Caserta
* Cebik (Periodicals, Electronics Books, and Antenna Books Lists)
* Dworkin
* Galazka
* Halbert (HF)
* Ihry
* Muenzler
* Stockton
* Zurn

QUARTER CENTURY WIRELESS ASSOCIATION (QCWA)

* Cebik
* Cieslak, C
* Phillips
* Walsh (WWW Page)
* Williamson, G

RADIO AMATEURS OF CANADA (RAC)

* Pulfer (Treasurer, Webmaster, and WWW Page)

RADIO FREQUENCY INTERFERENCE (RFI)

* Adams, I
* Ayers
* Butler
* Eisenberg
* Elmore
* Gray
* Halle (AZ Repeater Association Interference Committee Chairman)
* Hare (including Automotive, Telephone, and Cable Television)
* Ihry
* Muenzler
* Myers
* Orcutt
* Paperman
* Sefranek
* Stockton
* Thomson (Telephone and Lightning Protection)

RECIPROCAL LICENSING/FOREIGN OPERATION

* Andrews (New Zealand)
* Bertolino (Italy)
* DeWolf (Belize and Canada)
* Komppa (Foreign Licensing WWW Page)
* Kumagai (Japanese Operating in the United States)
* Lao (Philippines)
* Lynch (Foreigners Operating in Japan)
* Reis (Brazil)
* Salyzyn (Canada)
* Stockton (UK)
* Witte (Japan)
* Zurn (Italy and Germany)

REPEATERS

* Adams, I
* Ayers
* Bellville (2m/6m/440)
* Bernstein
* Butler
* Chilton
* Cieslak, C
* Colwell (Advanced Computer Controls and Link Communications Repeater Controllers Mailing Lists)
* DePolo (VHF/UHF Design and Construction, Database Manager - EPA/SNJ Repeater Coordination Council)
* DeWolf (Repeater Linking, St. Lawrence Valley Repeater Council Frequency Coordinator, Past President of the Champlain Regional Repeater Association)
* Gilbert (State Frequency Coordinator, TX VHF-FM Society)

* Gray
* Halle (AZ Repeater Association)
* Ihry
* Keller (220 Mhz)
* Killebrew (VHF and UHF)
* Madsen, et al
* Mills
* Phillips
* Redding, J
* Rose (AZ Repeater Association)
* Schliesser (including VHF)
* Sefranek (Building and Maintaining)
* Smith
* Wilkins (including UHF)
* Witte (VHF and UHF)

SATELLITES/ORBITAL SATELLITE CARRYING AMATEUR RADIO (OSCAR)/SHUTTLE AMATEUR RADIO EXPERIMENT (SAREX)

* Bertolino (RadioSputniks and DOVE Telemetry)
* D Alessio (Branson School SAREX Project Coordinator)
* Estes (Mostly Analog, Some Digital, and SAREX)
* Galazka
* Gilbert
* Karn (SQPSK Software Modem)
* Lee (Korea)
* Marchant (SAREX School Group Technical Mentor)
* Morris
* Roth (Portland, OR Area AMSAT Coordinator, All Modes including AO-13 Mode S and Weather Satellites)
* Stillinger
* Vekinis (Picosat System and WWW Page)
* Williamson, P (InstantTrack, OrbitDRV, AMSAT Services)

SCOUTING

* Ammar
* Cieslak, B (Radio Merit Badge Advisor)
* Goldberg (ScoutRadio WWW Page)
* Halle (Explorer Post Advisor)
* Ihry
* Muenzler
* Sohl (Radio Merit Badge Counselor)

SEARCH FOR EXTRATERRESTRIAL INTELLIGENCE (SETI)

* Bernstein
* Smit (WWW Page)

SEMINARS/LECTURES

* Ayers
* Boccardi

* Dean
* Humphries
* Redding, T
* Sohl
* Sussman (Speaker and Host of PACTOR Forum at Dayton Hamvention)
* Watters

SPREAD SPECTRUM

* Bible (WWW Page)
* Karn

TELEVISION, FAST-SCAN (ATV)

* Chilton
* Dean
* Galazka
* Hammill
* Larson
* Pawson (British Amateur Television Club WWW Page)
* Phillips
* Ruh (ATV Quarterly)
* Veres (UHF and 2.5 GHz ITFS TV)

TELEVISION, SLOW-SCAN (SSTV)

* Bernstein
* Cieslak, C
* Dean
* Galazka
* Johnson, C
* Langner (including WWW Page)

TOWERS

* Ihry

TUSCON AMATEUR PACKET RADIO (TAPR)

* Ackermann (Net-SIG)
* Bernstein
* Buelow (BBSSIG)
* Goldstein (WWW Page, TNC-2 Firmware)
* Lee (Korea)
* Nielsen (File Server and E-mail Contact)

UNIX

* Angus (including SCO Xenix TCP/IP and Sendmail)
* Bernstein
* Buydens
* Carruth (System Administration, Phoenix, AZ Linux Users Group)
* Caserta (Linux)
* Cole (including Linux)

* Dawson (Linux HAM and AX.25 HOWTO's)
* Ehrlich
* Killebrew (including Linux and TNOS)
* Nerenberg (especially System Administration, Networking, and Electronic Mail)
* Perens (Linux for Hams CDROM)
* Redding, J
* Salyzyn (including NeXTSTEP)
* Sayer (especially SunOS)
* Schliesser

VERY HIGH FREQUENCY (VHF)/ULTRA HIGH FREQUENCY (UHF)

* Ammar
* Ayers
* Bellville (2m/6m/440 AM/FM/SSB/Packet/QRP/Repeaters)
* Bernstein
* Butler
* Caserta (VHF)
* Cook (EME and Weak Signal, including WWW Page)
* Coyle
* DePolo (VHF/UHF Repeaters, Weak Signal, and Contesting)
* Deutschmann (Radio Amateurs International Awards Registry)
* Eisenberg
* Galazka
* Gapinski
* Glago (including Public Service Communications)
* Gray
* Hammill (including ATV, Weak Signal, and DX)
* Humphries (2m FM)
* Ihry
* Johnson, C (VHF)
* Killebrew (VHF and UHF Repeaters)
* Larson (Weak Signal)
* Lau (CW/SSB to 222 Mhz)
* Mills
* Morris
* Redding, J
* Reynolds (VHF/UHF)
* Schliesser
* Silva
* Smith
* Sohl
* Stillinger
* Thomson (Commercial VHF and UHF)
* Veres (Amateur and Commercial Radio and UHF TV)
* Wilkins (UHF Propagation and California Amateur VHF Enthusiasts WWW Page)
* Witte (including VHF and UHF Repeaters, Portable, Mountaintopping, and Colorado 14er Radio Event)

VOLUNTEER EXAMINER (VE) AND INDUSTRY (COMMUNICATIONS) CANADA (IC) EXAMINER PROGRAMS

* Ardai (ARRL VEC Mailing List)
* Ayers (ARRL and W5YI)
* Boccardi (ARRL)
* Butler
* Cieslak, C
* DePolo (Univ. of Pennsylvania ARC VE Team Leader)
* DeWolf (Industry Canada Designated Examiner)
* Eisenberg
* Gray (ARRL and Arkansas Area Team Liaison)
* Ihry
* Jahnke (ARRL VEC Manager)
* Kohnen (W5YI)
* Kumagai (Tokyo, Japan W5YI Contact VE)
* Maia (W5YI VEC)
* Neff
* Paperman
* Reeves
* Sefranek (ARRL and W5YI)
* Shelton, P

-----BEGIN PGP SIGNATURE-----
Version: 2.6.2

iQCVAwUBMlhElyROYYq72ea1AQGQRwP9EzWCKBJxetn4Sb4hlFHNJOjOntjLGLmK
E7RRLK+RixOKCjbvQ5gnNuOXJbD9zNeaZeoH3bVra0Rz94GjAE3ANzoCLg2hjtd3
2uBeg7TAt3XUUsuI4Pf6UdebfvgplV59owlKC3CRDRVoPOdokv3IpIA4f//gKhAB
JPdHn/f4i80=
=+BDR
-----END PGP SIGNATURE-----

4562. Amateur Radio: Elmers List Geographic Quick-Search Index

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: pschleck@novia.net
Message-ID: <radio/ham-radio/elmers/index/geographic-1-844675445@novia.net>
Source record: 215352
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

Posted-By: auto-faq 3.3 beta (Perl 5.003)
Archive-name: radio/ham-radio/elmers/index/geographic
Posting-Frequency: posted on the first Monday of each month
URL: http://www.novia.net/~pschleck/elmers/

-----BEGIN PGP SIGNED MESSAGE-----

Amateur Radio: Elmers List Geographic Quick-Search Index

(Note: This index only lists Elmers with explicit geographic
information in their entries.)

ARGENTINA

* Fracchia (Rosario)

AUSTRALIA

* Cheeseman
* Dawson (Sydney)
* Hosking (Perth)

BRAZIL

* Reis (Natal City)

CANADA

Alberta

* Salyzyn (Edmonton)

British Columbia

* Nerenberg (Prince George)

Ontario

* Dean (Newmarket)
* DeWolf (Braeside)
* Gilhuly (Arnprior)
* Neeson (Brockville)
* Pulfer (Kingston)

FINLAND

* Komppa (Nummela)
* Toijala

GERMANY

* Elmers (Hamburg)
* Gapinski (Dettenheim)

ITALY

* Bertolino
* Caserta (Roccasecca)
* Zurn (Ispra)

JAPAN

* Kumagai (Tokyo)

KOREA, REPUBLIC OF

* Lee (Chinju)

MOROCCO

* Boudda (Rabat)

NETHERLANDS

* Bruinsma (Amsterdam)
* Reynolds (The Hague)
* van Vliet (Delft)

NEW ZEALAND

* Andrews
* Davis (Christchurch)

PHILIPPINES

* Lao (Olongapo City)

SWITZERLAND

* Pascal

UNITED KINGDOM

* Gathergood
* Gibbs (Isle of Guernsey)
* Gilliver
* Pawson
* Stockton

UNITED STATES

Alabama

* Mills (Auburn University)

Arizona

* Carruth (Phoenix)
* Dodell
* Halle (Phoenix)
* Lloyd (Scottsdale)
* Meredith (Phoenix)
* Moore (Scottsdale)
* Nielsen (Tuscon)
* Redding, J (Tuscon)
* Reeves (Prescott)
* Rose

Arkansas

* Gray (Searcy)

California

* Ammar (Monterey)
* Angus (Gardena/Los Angeles)
* Been (Long Beach)
* Bridges
* Cira (Los Angeles)
* Douglas (Sacramento)
* French (Palo Alto)
* Glago (San Francisco)
* Goldberg (Huntington Beach)
* Larson (Palo Alto)
* Miller
* Moell, A (Orange County)
* Shelton, P (Santa Barbara)
* Stillinger (Edwards AFB)
* Traubman (San Mateo)
* Turner (Irvine)
* van De Kerk (Santa Ana)
* Wilkins (Berkeley)

Colorado

* Elmore (Longmont)
* Huntting (Boulder)
* Knauer (Westminster)
* Myers (Ft. Collins)
* Standerfer (Loveland)

Connecticut

* Bauer (Newington)
* Bloom (Newington)
* Cartier (Middletown)
* Hare (Newington)
* Jahnke (Newington)
* Lau (Newington)

* Tracy (Newington)

Florida

* Browne (LaBelle)
* Goldstein
* Graham (Ft. Walton Beach)
* Redding, T (Palm Beach)
* Veres (Miami)

Georgia

* Anthony (Sautee)
* Bernstein (Atlanta/Marietta)
* Coffman (Lawrenceville/Atlanta)
* Humphries (Atlanta)

Idaho

* Morris (Post Falls)

Illinois

* Johnson, C (Aurora)
* Leynes (Chicago)
* Taylor (Mahomet/Urbana/Champaign)

Iowa

* Buelow (Cedar Rapids)
* Madsen (Ames)
* Neff (Mt. Pleasant)

Louisiana

* Watters (Elm Grove)

Maine

* Ingerson

Maryland

* Edwards (College Park)
* Leadmon (Baltimore)

Massachusetts

* Ardai (Boston)
* Bellville (Millbury)
* Chilton (Marlborough)
* Ehrlich
* Halbert (West Newton/Boston)
* Langner (Chelmsford)
* Sefranek (Shirley)
* Stader (Westford)

* Vail (Billerica)

Michigan

* Galazka (Vernon, Shiawassee County)

Missouri

* Deutschmann (Creve Coeur/St. Louis)

Nebraska

* Schleck (Bellevue/Omaha)

New Hampshire

* Bono (Derry)
* Seney (Manchester)

New Jersey

* Boccardi (North Brunswick)
* Moor (Vernon)
* Sohl (Budd Lake)
* Sproul, K (North Brunswick)
* Sproul, M (North Brunswick)

New York

* Coletti (New York City)
* Eisenberg (Merrick)
* Kohnen (Penfield/Rochester)
* Orcutt (West Seneca)
* Phillips (Cazenovia)
* Schwartz (New York City)
* Yee (Brooklyn)

North Carolina

* Dworkin (Charlotte)
* Hammill (Raleigh)
* Keys (Raleigh)
* Smith (Greensboro)
* Williams

Ohio

* Ackermann (Dayton)

Oregon

* Roth (Portland)
* Walsh (Eugene)

Pennsylvania

* Adams, I (Erie)
* Colwell (Pittsburgh)
* DePolo (Philadelphia)
* de Volpi (New Cumberland)
* Rymell (Bloomsburg)

Tennessee

* Cebik (Knoxville)
* Hill (Brentwood)
* Ornitz (Kingsport)
* Shelton, J (Clarksville)

Texas

* Butler (Plano)
* Chahine (El Paso)
* Gilbert (Huntsville)
* Ihry (Quinlan)
* Killebrew (Houston)
* Maia (Dallas)
* McEwen (Richardson/Dallas)
* Morgan (Temple)
* Muenzler (Floresville)
* Paperman (Cut 'n Shoot)
* Wier

Vermont

* Ayers (Lyndonville)

Washington

* Crick (Bellevue)
* Kruml (Northeast King County)
* Salnick (Spokane)

West Virginia

* Schliesser (St. Albans)

Wisconsin

* Twigger (Millwaukee)

-----BEGIN PGP SIGNATURE-----
Version: 2.6.2

iQCVAwUBMlhEmiROYYq72ea1AQGwBQQAod11Iz3gF3DsSkSschTj8TtsTCB+Upj7
noa3BWSVTG0GYjdnHarA9N/QcucOAZh/qzpGRLH4uPYfKnk3AyKmVN0304/ko5xM
bwo6AhQQ6uoCm/txYAbcrKgmS/8eStLcxaTNI3IjHs8HUazmws5jwdkWstezcMga
YHLcTzooTYU=
=us6u
-----END PGP SIGNATURE-----

4563. Amateur Radio: Elmers Resource Directory [A-D]

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: pschleck@novia.net
Message-ID: <radio/ham-radio/elmers/list/part1-1-844675619@novia.net>
Source record: 215353
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

Posted-By: auto-faq 3.3 beta (Perl 5.003)
Archive-name: radio/ham-radio/elmers/list/part1
Posting-Frequency: posted on the first Monday of each month
URL: http://www.novia.net/~pschleck/elmers/

-----BEGIN PGP SIGNED MESSAGE-----

Amateur Radio: Elmers Resource Directory

More information about this list can be found in the companion posting
to this file, "Amateur Radio: Elmers List Info and Administrivia."

73, Paul, KD3FU

- A -

John Ackermann AG9V

jra@lawdept.daytonOH.ncr.com -or- jra@ag9v.ampr.org

My primary interests are in packet radio network building
(particularly higher speed stuff) and TCP/IP. I've got quite a lot of
info on using the Kantronics D4-10 19.2kB radios, as that's the
hardware we've been struggling with here.

TAPR (Tuscon Amateur Packet Radio) has formed a special interest group
to discuss issues of regional packet networking (Net-SIG). As a
result, the TAPR net-sig mailing list was born, and is now ready for
operation.

This list is <not> intended to replace any of the existing
packet-related mailing lists. Its purpose is provide a medium for
communications among those interested in packet radio networking, both
dealing with technical issues and political/regulatory ones. We'll
discuss things like how the potential 219MHz band will fit into the
networking picture, how to link areas using different networking
schemes, how to set network parameters, etc. The list's charter will
be posted there regularly.

The address of the list is net-sig@tapr.org and you can subscribe by
sending mail to listserv@tapr.org with the text "join netsig".

Apart from subscribing to the list, you can contact me for further
details about the Net-SIG (including upcoming conferences).

Joint ampr.org IP Coordinator for Ohio subnet (44.070.xxx.xxx)

Please direct all correspondence regarding the assignment of ampr.org IP numbers in Ohio to:

ipaddr@ag9v.ampr.org

which is a mailing list read by a team of coordinators.

[Editor's note: All ampr.org coordinators are listed in the document at:

ftp://ftp.ucsd.edu/hamradio/amprnets

]

Chuck Adams K5FO

adams@sgi.com

Maintainer of Standardized Info Sheets on QRP Rigs

They are available from the QRP-L WWW Pages at:

* http://qrp.cc.nd.edu/QRP-L/index.html
* http://www.lehigh.edu/lists/Archives/qrp-l/ (on or after June 1, 1995)

Owner of QRP-L Mailing List

The QRP mailing list is open for discussion of any subjects relating to low-power amateur radio operation. Example topics: portable operation, equipment design and construction, solar and battery power, QRPp, contesting, kit building, etc.

This list was started by me with an announcement on the rec.radio.amateur.misc USENET group in early 1993. Bruce Walker, WT1M, maintained the mailing lists and FTP area from then through August 1994 on a system at Thinking Machines Inc., think.com. Then it was moved to qrp-l@netcom.com until May 14th, 1995. Thanks to Mike Ardai, N1IST, for all his hard work during the time that QRP-L was on netcom.com.

I am still the keeper of the non-electronic archives, including copies of some schematics, etc. Contact me directly or watch this list for more info.

To subscribe, send E-mail to:

listserv@lehigh.edu

and in the body of the message, write:

SUBSCRIBE QRP-L your_name your_call

where "your_name" is your real name, and "your_call" is your callsign,
if any. For example:

SUBSCRIBE QRP-L John Doe K5FJZ

A welcome message with more detailed help will follow shortly.

To unsubscribe, type:

UNSUBSCRIBE QRP-L

Ian Adams N3UOC

isa100@psu.edu

Voice: +1 (814) 898-6554

PSU Behrend MB 527
5091 Station Road
Erie, PA 16563

* ARES
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* Power Supplies
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* Repeaters

Edward Addy KE0EG

eaddy@nacec.org

Executive Director, North American Center for Emergency Communications

After a large disaster strikes your community and your family, I am
sure you will agree that its a little late to start building a massive
rapid response, emergency communications system supported by thousands
of people within companies, organizations and serving as volunteers to
provide essential support services.

We are the North American Center For Emergency Communications Inc.
(NACEC), a federally-registered non-profit organization serving North
America since 1992. We have been developing a system that merges many
different technologies to create a unique, high-capacity,
rapidly-deployable solution to the problem of communications outages
and shortages that occur following a large disaster. Our volunteer
network in using the Internet as its communications backbone, is
itself using one of the many technologies employed in NACEC's overall
solution.

To help ensure the greatest possible effectiveness in as many
communities as possible throughout North America, we are developing a
very large volunteer network of community volunteers (Community

Ambassadors) who work with our staff and their local communities. If you are community active and are interested in helping, we need your help, NOW. Please, don't wait until disaster strikes, help us to be prepared and be ready to assist your community.

The more communities that are represented by our volunteer network, the more effective we can be in disaster preparedness, emergency operations and in the area of emergency and military family message handling and delivery.

As a NACEC volunteer (Community Ambassador) you will assist with the movement of information that is vital to the continued success and growth of this organization and the survivability of your family and your community following a large disaster.

This project is growing rapidly, as we locate and add new dedicated volunteers from as many communities as possible from across North America. I hope you will join us in making this organization a success.

To find out more about how you can get involved in this project and use your Internet skills to help your community, please review the information that is in our WWW Homepage area which can be found at:

http://www.nacec.org/

An electronic volunteer application form can also be found there as well. Should you have any questions, please address them to my E-mail address above.

Steven C. Affens K3SA

k3sa@access.digex.net

http://www.access.digex.net/~k3sa/steve.html

Maintainer of the CQ Magazine World-Wide Web Home Page:

http://www.access.digex.net/~cqmag/

(see also Rich Moseson)

David Alexander KG7ZQ, NNN0IID

dalex@eskimo.com

Navy MARS

Ali Ammar KE6YCJ

ali@ali.monterey.ca.us

http://www.10mb.com/ali/

AX.25: KE6YCJ@K6LY.#CENCA.CA.US.NOAM

Voice: +1 408 373-2526
FAX/Modem: +1 408 373-2534

898 Laine Street
Monterey, CA 93940

* ARES
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* Scouting
* VHF

David Andrews ZL2SX

andrews@ee.cit.ac.nz

I have been involved with the Amateur Radio International Travel Host scheme. I also chair the NZART Frequency Management and Technical Advisory Group, which is responsible for all repeater coordination and band-planning (LF, MF, HF, VHF, UHF, and above) in New Zealand. I would be pleased to answer any queries with regard to reciprocal licensing or frequency coordination that may arise.

Jeff Angus WA6FWI

jangus@skyld.grendel.com

I run NOS as a tcp/ip <--> AX.25 mail bbs gateway. I also run a few nodes, And, I have successfully installed UUPC/extended 1.11k and SNEWS for those MS-DOS afficionados out there. SCO UNIX, Win95 networking information available.

ampr.org IP Coordinator for California - Los Angeles County (44.016.xxx.xxx)

Hardware, software and wetware questions answered either with correct answers or the name of someone who does know.

J. Angus, 15900 Crenshaw Blvd. Suite G533 Gardena, CA 90249-4832.
Phone numbers: +1 310 887-8545 pager or +1 310 287-0618 voice.

[Editor's note: All ampr.org coordinators are listed in the document at:

ftp://ftp.ucsd.edu/hamradio/amprnets

]

John C. Anthony K4PCA

anth2ga@stc.net

Voice: +1 706 878-2940
FAX: +1 706 878 3498

132 Covered Bridge Rd.
Sautee, GA 30571

* Antennas
* Antique and Older Equipment
* Novice/Tech Instruction

Mike Ardai N1IST

n1ist@netcom.com

Boston Amateur Radio Club Webmaster

http://www.barc.org/barc.html

Maintainer of the following Boston Amateur Radio Club mailing lists:

* newsline-list (Amateur Radio Newsline)
* letter-list (ARRL Letter)
* ky1n-list (KY1N VEC listing, Local Eastern MA VE sessions)
* barc-list (Boston Amateur Radio Club mailing list)
* barc-races (RACES in Eastern MA and Roy Engelhausen's CA posts)
* fieldorg-l (ARRL Field organization discussions)
* ham-tech (Untamed technical discussions about the hobby)
* fox-list (Fox hunting (Radio direction finding))
* arrl-exam-list (amateur radio license examinations scheduled in
the US and in some foreign areas.)
* arrl-ve-list (ARRL VE Announcements, run by ARRL VEC Bart Jahnke)
* arrl-nediv-list (Announcements from the director of the ARRL NE
division)

To join any or all of the above:

Send a message to:

majordomo@netcom.com

In the body of the message, type:

subscribe list_you_want

Since there appears to be no hope that Netcom will ever improve its
mailing list services, w1aw-list has been moved to a server down at
ARRL headquarters. See Jeff Bauer's entry for more information if you
wish to continue to receive W1AW bulletins.

There is no need to unsubscribe from the Netcom list. I'll take care
of that myself.

Thanks again for your support and patience with my w1aw-list over the
years. Note that this change will not affect any of the other
ham-radio related lists at Netcom.

John B. Ayers AA1IC, AAR1BQ

ayers@plainfield.bypass.com
AX.25: AA1IC@K1UAQ.#NNH.NH.USA.NOAM

Voice/FAX/Modem: +1 (802) 626-8503

RR2 Box 160
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* RFI
* Repeaters
* Seminars/Lectures
* VHF/UHF

ARRL and W5YI Volunteer Examiner

Experienced with both vacuum-tube and solid-state equipment.

- B -

Jeff Bauer WA1MBK

jbauer@arrl.org

American Radio Relay League
225 Main Street
Newington, CT 06111-1494
+1 860 594-0208
FAX: +1 860 594-0299

Manager and Chief Operator, ARRL Headquarters Station W1AW

Owner of w1aw-list ARRL Bulletin Mailing List

To subscribe, send E-mail to:

w1aw-list-request@arrl.org

with the following in the subject (not the body) of the message:

subscribe user@host.com

where user@host.com is your E-mail address. To unsubscribe, send:
unsubscribe user@host.com

For information about the ARRL info server, send E-mail to
info@arrl.org with the word "HELP" in the message body.

See Cheyenne Greatorex's entry for information about the ARRL
Anonymous FTP Archive and David Newkirk's entry for information about
the ARRL World-Wide Web Home Page.

Please direct any other inquiries to my E-mail address above.

William L. (Bill) Been KE6MUE

wlbeen@lbusd.k12.ca.us

Voice: +1 (310) 438-8622

500 Redondo Ave. #307
Long Beach, CA. 90814
USA

* Apple Macintosh Computer
* CW
* Novice/Tech Instruction

Rob Bellville N1NTE

Rob's cobWeb Page

Rob Bellville, N1NTE | <bellvill@bellville.ultranet.com>
PO Box 515 | Got an old PC or Mac? Millbury Schools
Millbury, MA 01527 | are looking for donations dead or alive!

Technical Supervisor, Millbury Public Schools
Computer Technology and Radio Communications Consultant
*** World-Wide Web Creation Services - Business and Individual ***
---

* Experience:
+ Computer Networking Hardware Technical Engineer (Yuck!)
+ Computer Education and Technology Consultant (PC/Mac HW & SW)
+ K-12 Computer Educator/Instructor/Technician in a public
school

+ Two-way Radio Consultant
+ NetRead(tm) author (Articles via Internet)
* Interests:
+ VHF/UHF simplex
+ Duplex and simplex repeaters
+ Remote Bases
+ 6M - AM/SSB/FM
+ 2M - AM/SSB/FM/Packet
+ 440 MHz FM
+ Would try 1.2GHz if there was any local activity!
+ VHF/UHF QRP
+ Fixing radios old and new
+ Setting up a packet radio file server (ROSErver)
+ Internet - Usenet newsgroups, FTP, etc...
+ Scanners, SWL, and making CB radio useful again
+ PC and Mac computers - hardware and software
+ Communications for neighborhood crime watches
+ Caching radio equipment for that *special* occasion

I also maintain the following radio-related Web pages:

Scanner:
http://www.ultranet.com/~bellvill/scanner.html

Ham Radio:
http://www.ultranet.com/~bellvill/ham.html

CB Radio:
http://www.ultranet.com/~bellvill/cb.html

Please feel free to contact me either by E-mail or US Mail. Will be
happy to share the knowledge!

Sacha J. Bernstein N2NSZ

sacha@ee.gatech.edu
gt5334b@prism.gatech.edu

http://www.ee.gatech.edu/users/sacha/

Voice: +1 (770) 612-0749
Work: +1 (404) 560-8604

Atlanta/Marietta, GA
USA

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* EME
* Field Day
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* Packet And Digital Networking
* Portable
* RTTY
* Repeaters
* SETI/Radio Astronomy
* SSTV
* TAPR
* VHF/UHF
* UNIX

President, Georgia Tech ARC, W4AQL

Former ARES AEC, Huntington, NY

Maurizio Bertolino

I121171 Maurizio Bertolino - Short Wave Listener - Italy
SWL Manager of A.R.I. (Italian Amateur Radio Association)
Sysop of Trance *free* BBS in Italy +39-11-482751 28,8 bps
E-mail:I121171@amsat.org JRC-NRD535 Kenwood R5000 AOR3000A

425 DX NEWS Weekly Bulletin WWW PAGE (NEW SITE!!!)

- ------->> http://promet12.cineca.it/htdx/index.html <<---------

NEWS, INFO, RUMORS, DXPEDITIONS, IOTA ACTIVITIES and more

DX CALENDAR, WABA AWARD (rules & scores) now available

in English Version and Italian Version

Same server of the IK4LZH site for QSL MANAGERS.

I am an IOTA chaser, I work DX and I join contests. Actually I'm in
love with RS sats and DOVE telemetry. I'm the Shortwave Listening
(SWL) coordinator of the Italian Amateur Radio Association and I have
a regular SWL page in their official magazine Radio Rivista. Recently
I joined the 425 gang that produces the 425 DX News bulletin. I
translate it into English and send it to many DXers via E-Mail. I also
maintain a WWW page to provide the bulletins graphically with previous
numbers and more to come. I've been an SWL since 1974 when I received
a receiver as gift from my parents. Now I'm 36 and I'm running also a
free BBS devoted to HAM/SWL.

Steve Bible N7HPR

srbible@gnatnet.net
n7hpr@amsat.org
n7hpr@tapr.org

Spread Spectrum World-Wide Web Page:

http://www.tapr.org/ss/

Jon Bloom KE3Z

Jon Bloom, KE3Z | jbloom@arrl.org
American Radio Relay League | Justice is being allowed to do whatever
225 Main St. | I like. Injustice is whatever prevents
Newington, CT 06111 | my doing so. -- Samuel Johnson

QEX Editor

Digital Signal Processing (DSP)

Collecting information for the next annual ARRL Computer Networking
Conference:

http://www.tapr.org/tapr/html/dccconf.html

For information about the ARRL info server, send E-mail to
info@arrl.org with the word "HELP" in the message body.

See Cheyenne Greatorex's entry for information about the ARRL
Anonymous FTP Archive and David Newkirk's entry for information about
the ARRL World-Wide Web Home Page.

Brian Boccardi N2MPM

n2mpm@worldnet.att.net
AX.25: N2MPM@KB4CYC.NJ

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203 Bishop Blvd.
North Brunswick NJ 08902

* APRS
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* Field Day
* NTS
* Packet And Digital Networking
* Seminars/Lectures

Rich Bono NM1D

Rich Bono NM1D Internet: rbono@nectech.com
+1 508 635-6300 nm1d@aol.com

Author of the following MS-DOS ham programs:

* AutoExam - Examination simulator and study aid
* AutoCW - Morse Code practice program
* DOSGATE - allows users to run programs on your PC remotely
(AutoExam compatible)
* AutoCall - Allows use of the Buckmaster HAMCALL CDROM online
callbook with DOSGATE
* AutoFax - Allows reception of weather fax using Kantronics TNC's
* SeeSats - Real time satellite tracking (text only), DOSGATE
compatible

Most of these programs are available via anonymous FTP from:

* ftp://oak.oakland.edu/SimTel/msdos/hamradio/
* ftp://wuarchive.wustl.edu/systems/msdos/msdos/hamradio/

or write me at:

7 Redfield Circle
Derry, NH 03038

and enclose:

* A FORMATTED high density diskette (either 1.44 MB or 1.2 MB; 3.5"
or 5.25").
* A Self Addressed STAMPED return diskette mailer.
* A note explaining that you want a copy of AutoExam and/or AutoCW
(or one of the other programs).

I am always receptive to individuals interested in maintenance,
enhancements, and non-commercial distribution for these shareware
programs.

Ahmed Boudda CN8GI

cn8gi@mtds.com
75337.3071@compuserve.com
cn8gi@amsat.org

Voice/FAX: +212 7 681720
Work: +212 7 794140

5 Rue Ourgha Agdal
10000 Rabat
Morocco

* ARES
* AMSAT
* DX

Geology and Geophysics

Devon Bowen KA2NRC

bowen@olsen.ch

Maintainer of the rec.radio.amateur.* Supplemental Archives available from:

ftp://ftp.cs.buffalo.edu/pub/ham-radio/

[Editor's Note: Fixes have recently been made to the FTP software at this site so that the above URL will now work with most Web browsers.]

Maintainer of the Internet Ham Radio Callbook Server at:

telnet://callsign.cs.buffalo.edu:2000/

For further information about the Callbook Server, please consult the server's help facility, the rec.radio.amateur.misc FAQ, or additional server documentation at:

ftp://ftp.cs.buffalo.edu/pub/ham-radio/faq_callsign

Well, I've been talking about it for years. Those of you that have talked with me via E-mail know that. But this time I've actually started on my rewrite of the callsign server at Buffalo. And I've finally got a design that I'm happy with. The new searching capabilities are going to be *much* improved over the current system. I'll be getting rid of the bugs in the current telnet system and making it available to more people. Also coming is a WWW front-end for web surfers. Time to step into the 90s.

Part of the rewrite is an entire reorganization of the database look-up system. The old system was very specific to the FCC database format because that's all that was available when it was written (yes, the server is very, very old). But now there are a number of databases floating around the net for different countries and I am rewriting the system to be more flexible and to accommodate a variety of formats and search types.

In doing so, I'll have the ability to add data for many more countries. That is, of course, if I have the data. In order to do this I need help. I need to get in touch with all people that have access to databases from countries other than the US. The more up-to-date these databases are, the better. If you have access to a database and would be willing to donate a copy to the callsign server for everyone to use, please contact me. A lot of people would genuinely appreciate it.

The callsign server has become remarkably popular on the net and this has happened because the community has contributed so much to it over the many years it's been running. I have heard stories of reunions with old classmates, stories of silent-keys that have been remembered, and stories from blind hams doing simple look-ups of other hams, all

possible because of the server. Congratulations to the community for making this system so useful.

Work on this project has been delayed such that its completion time is somewhere in the indefinite future. In the meantime you can access the current server.

Please direct all other feedback, submissions and administrivia regarding these services to my E-mail address above.

John M. Brewer WB5OAU

John M. Brewer WB5OAU "there's a reason the reset button
johnmb@mindspring.com on a PC is on the front panel."

Wire antennas, restoration, operation and parts/tubes supplies for most 40's-70's vintage gear.

Antique and Older Equipment World-Wide Web Page:

http://www.mindspring.com/~johnmb/

Mike Bridges AC6SX

mbridges@cyberg8t.com

Webmaster, Tech Bench Elmers Amateur Radio Society

Tech Bench Elmers World-Wide Web Page:

http://www.geocities.com/SiliconValley/2775/

Please direct any submissions, feedback, or administrivia regarding the Tech Bench Elmers World-Wide Web Page or the Tech Bench Elmers Amateur Radio Society in general to techbench@geocities.com.

Don Browne KQ4YM, NNN0TFI

browne@aol.com

http://members.aol.com/browne/

+1 (941) 675-5715

LaBelle, Florida

* Batteries
* Navy MARS
* Part-15 Broadcasting

Alan Brubaker K6XO

alan@es.com

* HF Antenna Systems
* Contest Operating
* General HF Operations
* Propagation

Tom Bruhns K7ITM

tomb@lsid.hp.com

* Electronic Circuits
* Antennas and Transmission Lines

My electronics expertise is mostly analog, but I have some insights into DSP applications that can do better in what used to be the analog dominions. I can be of the most help with low-frequency analog stuff, particularly measurements and low-level/low-noise/low-distortion applications. I breadboard with IC's, discretes, and surface mounts (which I prefer to use now, as surface mounting requires less drilling of PCB boards once they are etched). My electrical engineering education (Ph.D.) emphasized control systems. I also have a clear understanding of transmission line measurements and behavior (a personal research interest for the last 25 years or so).

Pieter J. T. Bruinsma PA0PHB

pieth@nikhef.nl

AX.25: PA0PHB@PI8WNO.EU

http://www.nikhefk.nikhef.nl/~pieth/

Voice: +31 20 5922057
FAX: +31 20 5922165

P.O. Box 4395
1009 AJ
Amsterdam
the Netherlands

Member, Public Relations Committee, Dutch National Radio Society (VERON)

VERON World-Wide Web page:

http://www.nikhefk.nikhef.nl/~pieth/veron/

Board Member, Woerden Chapter of VERON

Woerden Chapter World-Wide Web Page:

http://www.nikhefk.nikhef.nl/~pieth/amrad/wnoe.htm

Barry Buelow WA0RJT

Barry Buelow WA0RJT Packet BBS in Cedar Rapids, IA
barry@ia.net WA0RJT@WA0RJT.IA.USA.NOAM

The Tuscon Amateur Packet Radio (TAPR) Bulletin Board Special Interest Group (BBSSIG) is sponsoring a working group to generate and distribute a series of information bulletins which will serve to instruct packet radio users in a variety of areas. These bulletins will be distributed via the packet network and can be retained at each BBS in a file area. An index will be provided to allow users to find information they desire.

If you are interested in actively participating in this effort and can work on a collaborative effort, please speak up. Send a message to my E-mail address above.

[Editor's Note: As this project is still very much a work in progress, and its eventual products will certainly be made available via several information sources (including the Internet) as soon as they are completed, I'm sure Barry would appreciate it if only serious volunteer contributors contacted him at this time.]

Paul Butler AB5TD

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Work: +1 (214) 416-4774

1816 WestRidge Dr.
Plano, TX 75075
USA

* ARES/RACES/SKYWARN
* AMTOR/RTTY
* Antennas
* Antique and Older Equipment
* BBS's
* CW
* DSP
* HF/DX
* Equipment Testing/Troubleshooting
* Field Day
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* IBM PC's
* Internet Services
* LF
* 160 Meters
* NTS
* Packet and Digital Networking
* Power Supplies
* RFI

* Repeaters
* VHF/UHF
* Volunteer Examiner

Brian Buydens VE5RDV

brian.buydens@usask.ca

http://duke.usask.ca/~buydens/

* Apple Macintosh Computer
* IBM PC's
* QRP
* UNIX

- C -

Rusty Carruth N7IKQ

Rusty Carruth aka N7IKQ aka rusty@indirect.com (NIC: RC541)

The Phoenix Linux User's group has formed! Details: me.
Join the Usenet Un-Net: 1700-1900Z Saturdays, 28.410 or 28.390 MHz

I'm willing to act as a reference for anyone wanting info on getting tapes (especially Callsign tapes) from the Department of Commerce National Technical Information Service (NTIS) or wanting other info on callsign-project related stuff.

One of these days I'll actually be around for the un-net! I promise, really!

My job is currently System Administrator for a large Unix site so I know a little bit about day-to-day Unix operations and Unix installation :-) I also have much experience with constructing E-mail paths that will work rather than bounce.

I also have a fair amount of experience in hardware/software interfacing and machine control.

Rob Cartier KD1JG, AAR1FU

robcartier@aol.com
rob.cartier@snet.com
rob.cartier@juno.com

AX.25: KD1JG@W1EDH.CT.USA.NOAM
MARS AX.25: AAR1FU@AT1TCT.CT.RGN1.CONUS.NOAM

112 Fieldbrook Road
Middletown, CT 06457-1756
+1 203 771-7027 Work
+1 203 632-9055 Home

Connecticut Director for Emergency Operations, Army MARS

I also run a full-service MSYS BBS and have close ties with the other
services in my state.

Mirko Caserta IK0ZSN

ik0zsn@amsat.org

http://www.fr.flashnet.it/~mirko/

Voice: +39 776-566529
Work: +39 775-830012

Via Lazio, 6
03030 Roccasecca (FR)
Italy

* CW
* HF
* IBM PC's
* Internet Services
* Packet and Digital Networking
* Portable
* QRP
* UNIX
* VHF

I'm the 425 DX News Mailing List maintainer. Further info at:

http://www.fr.flashnet.it/cgi-bin/425dxnews-list

I'm the webmaster for:

http://www.fr.flashnet.it

(maybe soon www.saiu.it) and the FTP owner of:

ftp://ftp.fr.flashnet.it/

There's a /pub/ham directory there. There's not much at the moment but
you may use it if you want. Just send new software under /incoming
including a file which tells what kind of software it is.

Expertise includes anything related to the Internet.

I used to work HF, mostly CW and QRP.

I also love Linux but never used it for ham radio, except for a
satellite tracking software :)

L. B. Cebik W4RNL

L. B. Cebik, W4RNL /\ /\ * / / / (Off) +1 615 974-7215
1434 High Mesa Drive / \/ \/\ ----/\--- (Hm) +1 615 938-6335
Knoxville, Tennessee /\ \ \ \ / / || / (FAX) +1 615 974-3509
37938-4443 USA / \ \ \ \ || cebik@utkvx.utk.edu

Maintainer of List of Periodicals of Interest to QRP Enthusiasts, Electronics Books of Interest to QRP Enthusiasts, and Antenna Books of Interest to QRP Enthusiasts

Available from the QRP-L WWW Page at:

http://qrp.cc.nd.edu/QRP-L/index.html

Since QRP-L has moved to lehigh.edu, the articles will also appear at this address on or about June 1, 1995:

http://www.lehigh.edu/lists/Archives/qrp-l/

(Note: the "A" in Archives is capitalized.)

Please direct all submissions, feedback, and administrivia for these articles to my E-mail address above.

10-X International World-Wide Web Page:

http://www.lehigh.edu/lists/tenten-l/

10-X International Mailing List:

To subscribe, send E-mail to:

listserv@lehigh.edu

and in the body of the message, write:

SUBSCRIBE tenten-l your_name your_call

where "your_name" is your real name, and "your_call" is your callsign, if any. For example:

SUBSCRIBE tenten-l John Doe K5FJZ

A welcome message with more detailed help will follow shortly.

To unsubscribe, type:

UNSUBSCRIBE tenten-l

(10-X International is an amateur radio organization devoted to encouraging the use of the 10 Meter, or 28 MHz, amateur band. They are primarily known for their "10-X" numbers which members exchange during communications on that band.)

I serve as an Educational Advisor to ARRL and hence fall within the loose bounds of their field organization. I know something of the fundamentals in electronics, having written the current Chapter 6 of

the 1995 ARRL Handbook, and something of antennas, with a series appearing in Communications Quarterly. I serve on the Board of Directors of 10-X International and maintain memberships in most of the QRP organizations, as well as the Quarter Century Wireless Association (QCWA). As to what I do not know, there are no limits.

I also know something of the craft of technical writing and editing, being director of Techwright, an occasional consulting operation in this field with my wife, Jean, N4TZP, who has been a technical editor and writer since 1980.

James A. Chahine AC5AK

NYXdePARIS@aol.com
kari@utep.edu

+1 915 532-4575

2509 N. Kansas
El Paso, TX 79902

* Antennas
* Morse Code
* Digital Signal Processing (DSP)
* Mobile/Portable/Field Day

Mark Cheeseman VK2XGK

cheese@asstdc.com.au

Maintainer of the aus.radio FAQ

A copy of the FAQ may be obtained from:

ftp://grivel.une.edu.au/pub/ham-radio/aus.radio/faq/australia

Please direct all feedback, submissions and administrivia to my E-mail address above.

Ken Chilton KA1TIH

53 Alan Road
Marlborough, MA 01752
chilton@emc.com
Design Engineer

* Amateur Qualifications:
+ Trustee of the Algonquin Amateur Radio Club Repeaters:
446.675 -- 223.86 -- 53.47
+ Assistant Radio Officer for the City of Marlborough Emergency Management Agency

+ NESMC Region 440 MHz frequency coordinator
+ Trained in Electronics Engineering, Electrical Engineering,
Computer Sciences, Computer Programming, and Management
+ Knowledgeable in Rules, Regs, and interpretations
* Areas I am also interested:
+ Homebrewing
+ Repeater Hardware, Control, Operation
+ Packet (AX.25)
+ Net Control Operations
+ Electromagnetics and EMP
+ HF SSB and CW operating
+ Satellite and Shuttle operation
+ Amateur Television
+ Elmering new HAMs

Brian Cieslak AE9K

bcieslak@mkelan5.remnet.ab.com

Radio Scouting Merit Badge Advisor

Field Day Operations

(Our club, the W/K ARC, has finished first in Wisconsin in the 2A
Category for the last 10 years.)

Chris Cieslak AA9HD

ccieslak@ais.net
ccieslak@uiuc.edu

http://www.uiuc.edu/ph/www/ccieslak/

* Antennas
* Batteries
* Commercial Equipment
* Morse Code
* DX
* Field Day
* HF
* Homebrewing
* IBM PC's
* Internet Services
* Mobile
* Novice/Tech Instruction
* Packet Radio
* Portable
* Power Supplies
* QRP
* Repeaters

* SSTV
* Volunteer Examiner Programs (information about sessions)

Joe Cira KB6AXK

kb6axk@ix.netcom.com

ARRL Affiliated Club Coordinator (ACC) for Los Angeles, California

Sysop of HAM*INFO*LINK*SOURCE*BBS

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Lawrenceville, GA 30244 | |

GRAPES 56 kBaud Packet Radio Modems

I'm not an official representative of the Georgia Radio Amateur Packet Enthusiasts Society (GRAPES), but I am in contact with them, and have experience using their 56 kBaud radio modems. At the very least, I can forward requests I can't handle to the proper people.

The Proceedings of the 6th Computer Networking Conference has a paper by WA4DSY explaining the theory and practice of the 56 kBaud radio modem. (I think it's the 6th, I don't have my copy handy.)

GRAPES furnishes instructions for modifying a TNC2 to drive the modem, but there are better solutions. The Ottawa PI card and the Gracilis PacketTwin card are two good solutions. Of course they are PC bus cards. If you need standalone capability, the Kantronics Data Engine can handle it, as can the incredible Gracilis PacketTen. PacComm

claims their new Sprint TNC can, too (PacComm now also manufactures the Gracilis cards under license and you can get them either from them or from Gracilis direct).

WA4DSY has interfaced raw telco codecs to the modems and done "digital voice" while mobile. It works quite well.

If you want information on the RF modem (full document sets are $20 US, creditable towards a later order) write to GRAPES at

GRAPES, Inc
PO Box 636
Griffin, GA 30224-0636

GRAPES is a volunteer networking organization. There's no phone number, and turnaround on info requests may be slower than when dealing with commercial outfits. Please cut the volunteers a little slack.

(The GRAPES WWW Home Page is moving to its own dedicated machine at a new ISP. This will give GRAPES direct T1 access to the Internet. It will provide comprehensive GRAPES information, support, and online ordering facilities. I'm told this will all be up and running in a few weeks. Bruce Nebergeld and Dennis Barrow, both former GRAPES presidents and net wizards, are spearheading this effort.)

Derrick C. Cole KC4WEJ

dcc@ssds.com

I'm a Network/Systems Analyst with a national systems integration firm. My professional fortes are UNIX-based system administration, sendmail, TCP/IP-based ethernet network engineering, network systems security (including firewalls), and programming (primarily Perl and C).

I've had notable success dealing with issues surrounding PC's, DOS, Windows and various applications/protocol stacks, including PC-NFS and LAN Workplace.

I'm still clueless in the electrical/circuit department.

Steve Coletti

< ^^>
< "Big Steve" Coletti >
< Shortwave Listener, Ex-Broadcaster, Computer Consultant >
< Internet: bigsteve@dorsai.org ==== S.COLETTI2@genie.geis.com >
< Notice: We no longer have a Fidonet Netmail address. >
< US Mail: P.O. Box 396, New York, NY 10002 >
< Fax Weekdays/Voice Weekends: +1 212 995-2637 >
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Relayer of Amateur Radio Newsline Bulletins

Amateur Radio Newsline is produced as an audio service by Newsline, a service of the Westlink Radio Network. The transcribed version is produced by Dale Cary, WD0AKO from materials provided by Newsline, and is jointly distributed to online services and bulletin board networks by Steve Coletti and Dale Cary.

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Editorial comment, news items and all other business should be directed to

Bill Pasternak, WA6ITF, Newsline's Producer and Editor-In-Chief.
E-Mail - 3241437@mcimail.com or BILLWA6ITF@aol.com
Phone/Fax - +1 805 296-7180, fax senders wait for voice prompt.

Text Version information:

* BBS Networks: RIME - RO mail to Steve Coletti, ->35 Others - Steve Coletti (within the conference)
* Online Services: America Online - tstader@aol.com (Terry Stader, Sysop) or wd0ako@rrnet.com (Dale Cary) Compuserve, Delphi, Genie - wd0ako@rrnet.com
* Usenet: news:rec.radio.info - david@stat.com (David Dodell, Moderator)
* File Requests: FidoNet users can Freq the latest edition of NEWSLINE from Joe Brown, KB2NBN 1:2625/111 or ftp://oak.oakland.edu/ - n1qzs@magrathea.com (Cheyenne Greatorex, Boston ARC - librarian)
* Internet E-Mail: Send mail to listserv@netcom.com with the

following commands in the body of the message (the subject is ignored) To subscribe:

subscribe newsline-list

To unsubscribe:

unsubscribe newsline-list

For more information:

help

* World-Wide Web: Coming soon.

Manual mailing lists are also maintained by bigsteve@dorsai.org for individual subscribers and by wd0ako@rrnet.com for BBS's and radio clubs that redistribute Newsline.

Richard R. (Rich) Colwell WA3QKX

Richard R. Colwell WA3QKX
University of Pittsburgh President
School of Engineering Greater Pittsburgh VHF Society (WA3BAK/R)
664 Benedum Hall Link Communication Controller RLC-3 User
Pittsburgh, PA 15227 146.610MHz - 444.950MHz + 223.980MHz - 145.330MHz
PHONE - +1 412 624-9820 rrc2@engrng.pitt.edu
FAX - +1 412 624-9831

WEB - http://www.engrng.pitt.edu/~rrc2/
* ** * * * * * * * * * * ** * * * * * *

Maintainer of Advanced Computer Controls (ACC) and Link Mailing Lists

The ACC list has approximately 60 members at this time. I am trying to restrict the list to only ACC users (control people) and owners. The list is also supported by the new owner of all the rights to ACC, Link Communications. I am also running the Link repeater controller list server. It has approximately 90 members at this time.

The way to join the list server is to send me a short E-mail and tell me what equipment you are using.

(Note: I have no ties to Link Communications or ACC. I started the Link list first and found how useful it is. I had a lot of requests to start the ACC list and did it.)

Link Communications World-Wide Web Home Page:

http://www.link-comm.com/

Mike Cook AF9Y

mwcook@cris.com

Earth-Moon-Earth (EME) and Weak Signal World-Wide Web Page:

http://www.webcom.com/af9y/

(I'm not able to do much elmering beyond answering the questions generated by my Web page. You can certainly E-mail me for further information about EME, but with the 30+ E-mail messages received a day, my responses will be limited.)

William (Bill) Coyle N3OGH

wcoyle@iss.dccc.edu

AX.25: N3OGH@AA3CH.EPA.USA.NA

My primary experience is with HF communications, particularly with the Kenwood TS-830S and TS-940/AT. My preferred mode is CW, although I also use SSB. I have had experience with light service on both rigs (including the internal antenna tuner on the 940 and the tube finals on the 830). I have the service manual for the 940.

I am particularly interested in helping new hams design and set up HF stations with multi-band wire antenna arrays.

Other than HF, I am also involved in VHF and UHF, particularly 2 meters, and have recently gotten involved in packet radio (having gained some experience on the hardware end of setting up such a station).

Michael Crick

mica@crick.com

Bellevue, WA

http://crick.com/mica/

I design and write software. I have written a top of the line Ham Radio training program for Windows called "Ham University". You can download a free demo copy from my web site.

I also helped write Microsoft Windows. I am not a ham operator but more of a web nut (I was part of the group at BBN that developed the ARPANET back in 1967). However, in designing Ham University, I got a lot of expert advice. I think it will meet many people's training needs.

Jon Currie KC5UGK

jon@jedi.net

http://www.jedi.net/jon/

```
* IBM PC's & Clones
+ mostly DOS, Windows 3.x & 95, and Linux.
+ hardware knowledge (I work at a computer company)
* Internet Services (Mail/FTP/WWW)

--------------------------------------------------------------------

(Continued in next part.)

-----BEGIN PGP SIGNATURE-----
Version: 2.6.2

iQCVAwUBMlhZ9SROYYq72ea1AQGj1AP/YvBx66kLlNZydHXRMtTI2IQ8vYYvZZBv
2eNPNG69haaBvEmcfGUi2tORIE7cqdB5+DLXSjuqSXyUilughQAML6OzyhXuvqK2
R0FXqRGoOCHViArDsydSc17BCxh+cfqeC3rBDZiHpbnpDSygW9evYvbSCkGI/ZeW
A6+9zs4wSKk=
=OyWS
-----END PGP SIGNATURE-----
```

4564. Amateur Radio: Elmers Resource Directory [D-K]

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: pschleck@novia.net
Message-ID: <radio/ham-radio/elmers/list/part2-1-844675719@novia.net>
Source record: 215354
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

Posted-By: auto-faq 3.3 beta (Perl 5.003)
Archive-name: radio/ham-radio/elmers/list/part2
Posting-Frequency: posted on the first Monday of each month
URL: http://www.novia.net/~pschleck/elmers/

-----BEGIN PGP SIGNED MESSAGE-----

(Continued from previous part.)

- D -

Matthew A. (Matt) D Alessio KC6VIM

mattd@branson.org -- send here first, please!
mdaless@ocf.berkeley.edu

I cannot claim to be an expert in any field, but I did participate in SAREX as the project coordinator for our school (The Branson School) in the STS-64 mission. I will be happy to help anybody else who is interested in any and all aspects of the SAREX project. I also know a little bit about UNIX administration, but I find myself asking questions more often than answering them.

I am a high school senior, so my real area of expertise is getting young people involved in ham radio. I was a speaker at the Dayton HamVention Youth Forum, and am active in recruiting in my local community.

Steve Davis ZL2UCX

steve@zl2ucx.gen.nz

Mobile: +64 25-361-796
FAX: +64 25-361-796

P.O. Box 120
Christchurch
New Zealand

New Zealand Association of Radio Transmitters (NZART) World-Wide Web Page:

http://www.nzart.org.nz/

(NZART is New Zealand's national amateur radio society.)

Terry Dawson VK2KTJ

terry@perf.no.itg.telecom.com.au
terry@albert.vk2ktj.ampr.org

Maintainer of the Linux HAM and AX.25 HOWTO's

Available from:

http://sunsite.unc.edu/mdw/HOWTO/HAM-HOWTO.html

http://sunsite.unc.edu/mdw/HOWTO/AX25-HOWTO.html

Please direct any feedback, submissions, or administrivia regarding
these resources to my E-mail address above.

I've been an active Linux advocate since it first appeared on the
Internet. I was looking for an operating system that would better meet
the needs of my interest in Amateur Radio and provide me with an
environment in which I could actively experiment and develop. Linux
provides that and I've been promoting its use within Amateur Radio
ever since.

I'm an early contributing member of the Linux Documentation Project,
and you'll find the amassed works for it at:

http://sunsite.unc.edu/mdw/

ampr.org IP Coordinator for Sydney, Australia Metropolitan Area subnet
(44.136.xxx.xxx)

(I'm also the co-administrator of the Sydney University of Technology
Internet/ampr.org gateway.)

I'm happy to assist with information relating to:

* Linux, especially when related to Amateur Radio.
* Amateur Radio Internet Gateways

Christopher Dean VE3TBP

chris@openstore.com
jhowe@rogerswave.ca

http://www.openstore.com/yra/

Voice: +1 905 853-7340
Work: +1 905 790-0660
Modem: +1 905 853-7033
FAX: +1 905 790-0712

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Canada

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* Power Supplies
* Seminars/Lectures
* Amateur Television
* Slow-Scan Television

I have taught the Amateur radio course for the York Region Amateur Radio Club for the last 2 years I have brought over 30 new Hams from 13 to 65 years of age into the hobby. I am active in H.F., VHF, and UHF voice, digital and television modes (both Fast and Slow-Scan TV). I am also a specialist in large computer backup systems and computer networking (all platforms) and am responsible for the web site(s) and E-Mail systems at Open Storage Solutions

----

Jeff DePolo WN3A

- -=-
Jeff DePolo WN3A Twisted Pair: H:+1 610 337-7383 W:+1 215 387-3059 x300
depolo@eniac.seas.upenn.edu RF: 442.1 442.2 442.4 443.8 link system PL 131.8
Claim to Fame: I got the first speeding ticket on the information superhighway

* Technical Director, University of Pennsylvania ARC
* Sponsor/Owner, University of Pennsylvania Linked Repeater System
* VE Team Leader, University of Pennsylvania ARC VE Team
* Database Manager, Area Repeater Coordination Council of EPA/SNJ

Memberships:
ARRL, UPenn ARC, Holmesburg ARC, NEAR-FAR ARC, Mt. Airy VHF Society (Packrats), Mid-Atlantic Radio Club

Main interests:
VHF/UHF repeater design, construction, networking, servicing.
VHF/UHF weak signal, design and construction, antenna design.
Propagation, anything homebrew, HF DX, VHF/UHF contesting,
Land-mobile radio communications equipment, digital hardware
and software design.

* Volunteer Examiner
* VHF/UHF Weak Signal and FM
* College Clubs
* Repeater design, construction, repair, coordination
* General Homebrewing
* Antenna design/theory

Gary V. Deutschmann, Sr. N0ZOI

raiar@inlink.com

AX.25: N0ZOI@K0PFX.#STL.MO.USA.NA

12341 Promenade Ln.
Creve Coeur, MO 63146-5057

I am the US National Coordinator for RAIAR, Radio Amateurs International Awards Registry, we have over 78,000 registered members and just over 2,500 general members, plus lifers and charters also.

RAIAR only deals with the VHF/UHF spectrum for its awards, plus SWL on all bands.

I am ready to help any interested individual obtain his Novice or Tech ticket, as well as teach him the ins and outs of VHF Packet.

Our radio club holds classes for those inclined to advance to General and above.

Pete deVolpi KC3TL

amsoft@epix.net

AmSoft
PO Box 666
New Cumberland, PA 17070-3036
Voice: +1 717 938-8249
FAX: +1 717 938-6767

A mailing list for product announcements from AmSoft, publishers of the "World of Ham Radio" CDROM software and callsign database for amateur radio, is available. To subscribe, contact me at my E-mail address above.

The WWW Site for the "World of Ham Radio" is:

http://hamster.business.uwo.ca/~amsoft/

Peter DeWolf VE3YYY

whisper@igs.net

RR #1
Braeside, ON K0A 1G0
Canada

+1 613 623-5914

* Frequency Coordinator for the St. Lawrence Valley Repeater Council (http://www.igs.net/slvrc/)

* Industry (Communications) Canada Designated Examiner
* Class Instructor for Ottawa Valley
* Syndicated Columnist on Internet matters.
* Past President of the Champlain Regional Repeater Association.

Specific interests and areas I may be of assistance:

* Canadian Radio Regulations
* Repeater Linking
* Examinations for Canadian Licenses
* SWL's
* Club media relations

(used to operate as VP1BCX, V3X, and currently also hold V31FS)

Please feel free to contact me if you require more information.

David Dodell WB7TPY, AFA6GB

Internet: david@stat.com FAX: +1 602 451-6135
Bitnet: ATW1H@ASUACAD FidoNet=> 1:114/15
Amateur Packet ax25: WB7TPY@WB7TPY.AZ.USA.NA

Member, USAF MARS

ampr.org IP Coordinator for Arizona subnet (44.124.xxx.xxx)

[Editor's Note: All ampr.org coordinators are listed in the document
at:

ftp://ftp.ucsd.edu/hamradio/amprnets

]

Owner of the Land-Mobile-Radio Mailing List

The purpose of this list is to allow discussion about commercial
land-mobile radio equipment, its use and maintenance.

Owner of the Military Affiliate Radio Service (MARS) Members Mailing List.

The purpose of this list is to allow discussion about MARS (Military
Affiliated Radio Service) activities. The list is open to all branches
of MARS.

To subscribe to or unsubscribe from either of the above lists, please
send electronic mail to:

listserv@stat.com

and include the command:

subscribe list-name

or

unsubscribe list-name

as the first line of your message, where list-name is either
land-mobile-radio or mars-list. An acknowledgement/welcome message
should follow very shortly.

Moderator of rec.radio.info newsgroup:

news:rec.radio.info

Please direct all rec.radio.info submissions to
rec-radio-info@stat.com and all feedback and administrivia to
rec-radio-request@stat.com.

Stephen Douglas K6HZT

k6hzt@dfsystems.com

DF Systems World-Wide Web Page:

http://www.dfsystems.com/

P.O. Box 246925
Sacramento, California 95824-6925

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* Radio Direction Finding (DF)
* Doppler DF
* Surplus Electronics and Communications Equipment

Norm Drechsel WA3KEY

wa3key@fast.net

http://www.users.fast.net/~wa3key/

Virtual Collins Radio Museum World-Wide Web Page:

http://www.users.fast.net/~wa3key/collins.html

(Features virtual "exhibits" of Collins radio equipment, as well as
quite a few links to Collins clubs, parts dealers, and other related
technical information.)

Dr. Marc L. Dworkin WB2YSH

mdworkin@gnn.com

Voice: +1 (704) 541-3662

Charlotte, NC
USA

* Equipment Testing/Troubleshooting
* HF
* IBM PC's
* Novice/Tech Instruction
* QRP

- E -

Thomas Edwards N3HAU

tedwards@eng.umd.edu

http://w3eax.umd.edu/thomas.html

* Technopagan Priest
* Member, University of Maryland ARA - W3EAX
* Digital Signal Processing (DSP)
* Electrical and Electronics Engineering

The UMARA is running a World-Wide Web hypertext page at:

http://w3eax.umd.edu/w3eax.html

Give it a try!

Scott Ehrlich WY1Z

scott@linedance.com

Internetworking ASM, Eastern Mass.

I've played around with Mac and PC hardware, as well as dabbling a
little with DOS, UNIX, and MacOS.

The Boston Amateur Radio Club World-Wide Web Home Page is now
maintained by Mike Ardai. See his entry for more information.

The Boston Amateur Radio Club Anonymous FTP Archives and Ham Radio and
More Home Page are now maintained by Cheyenne Greatorex. See his entry
for more information.

The American Radio Relay League (ARRL) World-Wide Web Home Page has
now moved to ARRL HQ. See David Newkirk's entry for more information.

Jerry Eisenberg K2CFG

eisencom@aol.com

Voice: +1 (516) 378-8873
FAX/Modem: +1 (516) 623-7728

304 Margaret Boulevard
Merrick, NY 11566
USA

* Antique And Older Equipment
* Batteries
* Commercial Equipment
* Equipment Testing/Troubleshooting
* Homebrewing
* Mobile
* Part-15 Broadcasting
* Radio Frequency Interference (RFI)
* VHF
* Volunteer Examiner

I am available most days; work from home. I am especially interested in teaching the practical side of ham radio technology. I will help troubleshoot kits, old radios, etc., but will expect the new or prospective ham to pitch in.

Expertise gained from over 40 years of ham radio and almost as many years in broadcast engineering.

Joerg Elmers DL2BCD, KD6ZYA

dl2bcd@t-online.de

+49 4022-78066

Beethovenstr. 6
22083 Hamburg, Germany

* Morse Code
* Packet Radio/Digital Networking

Kim Elmore N5OP

Kim Elmore, N5OP
1103 South Gay Drive
Longmont, CO 80501

elmore@brightband.rap.ucar.edu
AX.25: N5OP@WA8ZIA

I'm the Technical Coordinator for the Colorado Section.

* Areas of expertise:
+ RFI/EMI
+ Antennas
+ DX'ing
+ Contesting
+ HF propagation
+ CW

* Areas where I have enough knowledge to be dangerous:
+ Troubleshooting
+ Traffic Handling
+ Homebrewing and construction practices

Wayne Estes WD5FFH

Wayne_Estes@csg.mot.com

* Amateur Satellites
* Bicycle Mobile HF

I am most knowledgeable about analog satellites, but I would be
willing to answer questions about digital satellites and SAREX (I have
lots of reference information).

- F -

Marcelo Fracchia LU9FQT

tecnicai@satlink.com

FAX: +54 041-261190

P.O. Box 263
2000 Rosario
Argentina

Packet and Digital Networking

Robert S. French AC6GO

rfrench@cs.stanford.edu

http://hawg.stanford.edu/~rfrench/

The Stanford Amateur Radio Club, W6YX, will be taking over the
Ham-Univ Mailing List for College and University Amateur Radio Clubs,
effective immediately.

The new address will be: ham-univ@w6yx.stanford.edu

The old address at the New Jersey Institute of Technology will
continue to work for the time-being as a forwarder to the new address.

To subscribe or unsubscribe, send mail to:

ham-univ-request@w6yx.stanford.edu

with the body saying "subscribe" or "unsubscribe".

Current subscribers have been automatically added to the new mailing list.

Please let ham-univ-owner@w6yx.stanford.edu know if there are any problems.

Stanford Amateur Radio Club (W6YX) WWW Page is at:

http://w6yx.stanford.edu/

- G -

Ed Galazka WB8WTB

martini@tir.com

+1 517 288-2342

P.O. Box 424
Vernon, MI
(Shiawassee County)

* Satellites (AMSAT/OSCAR/SAREX)
* EME
* Antennas
* Morse Code
* DX
* Equipment Testing/Troubleshooting
* HF
* Homebrewing
* Novice/Tech Instruction
* QRP
* Amateur Television
* Slow-Scan Television
* VHF

Ham Operator since 1975

Advanced license, Passed Extra CW

I love CW. My station is all-band, all-mode from QRP to EME, including OSCAR, WEFAX, TNC, SSTV, ATV. My strongest areas of expertise are CW, antennas, and teaching theory. I would be happy to help individuals or groups.

Bernie Gapinski DK3ZT, AB7IY

gap@ilk.de
AX.25: DK3XT@DB0GE.#SAR.DEU.EU

+49 07255-20604

Nelkenweg 7 76706 Dettenheim Germany

http://www.ilk.de/sites/gap/

VHF/UHF

Mike Gathergood G4KFK

mike@g4kfk.demon.co.uk

Tel +44 01753 582085
Fax +44 01753 592726

Sysop, The CQ Centre BBS

+44 01753 595468 and +44 01753 593524

Fidonet 2:252/320

Hundreds of Megabytes of Quality Software for Radio Amateurs and SWLs
----

Steven Gibbs GU3MBS

sgibbs@guernsey.net
AX.25: GU3MBS@GB7GUR.GB7LWM.#27.GBR.EU

+44 1481 57605

44 Les Prins
Vale
Guernsey GY6 8HB
United Kingdom

Isle of Guernsey (United Kingdom) Amateur Radio Index World-Wide Web Page:

http://www.guernsey.net/~amateur_radio/

Paul Gilbert KE5ZW

{~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~|~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~}
{ | Do Not Be Afraid Of Any Man }
{ Paul Gilbert, KE5ZW | No Matter What His Size }
{ Huntsville, TX 77340 | Just Call On Me In Time Of Need.. }
{ +1 409 291-9532 | And I Will Equalize! }
{ vis_pfg@pip.shsu.edu | Samuel E. Colt }
{ | 1838 }
{ | }
~~~~~~

State Frequency Coordinator, Texas VHF-FM Society

(We do the repeater coordinating in Texas.)

I have done HF, Satellites, VHF/UHF, and been in amateur radio for 10
years. I don't know it all, but through my contacts I can find someone
~~~~~~

that can usually answer most of the questions.

I also know of several other coordinators in the US and have contacts through the ARRL and a BBS.

Brian Gilhuly VE3BGB

Brian Gilhuly VE3BGB Author of KENTROL, the ultimate in
rig control/logging/memory mgmt software
brian@synapse.net for Kenwood HF rigs and MS Windows
CompuServe: 73257,3131
Tel/fax: +1 613 623-9735 Kentrol Web Page:
http://www.synapse.net/~kentrol/
76 McDonald Street S Kentrol FTP Site:
Arnprior ON K7S 2W5 Canada ftp://ftp.synapse.net/private/k/kentrol/

Kentrol is a Windows 3x control program for Kenwood HF transceivers and the R-5000 receiver, which has built-in logging and memory-management capabilities. Since its introduction in 1991, Kentrol has set the standard for Windows-based rig automation, and new features continue to be added regularly. SkedMan is an automated sked manager for Kentrol. Enter schedule data, set alarms, and when an alarm goes off, SkedMan uses - even launches - Kentrol to tune it in.

Kentrol and SkedMan are shareware, so if you haven't tried them, you are most welcome to do so.

J. P. (John) Gilliver G6JPG

g6jpg@soft255.demon.co.uk
AX.25: G6JPG@GB7NNA.GBR.EU

Digital Signal Processing

Computing and Electronics for the Blind (including Radio)

Eran Glago KD6KVO

glago@aol.com

I am into public service, and also ARES/RACES. I am the Emergency Coordinator for both organizations in Sonoma Valley, Sonoma county, San Francisco Section of California.

We do ARES and RACES as one program here, and actually lean more towards RACES because the government entities are so supportive.

I like to encourage newer hams to participate in the events for which I coordinate the communications. It's ideal training for emergency services, and it's fun, too. Codeless Technicians who can't participate on most HF NTS traffic nets have a real role to play here,

as we generally use VHF and UHF, and these amateurs are instrumental with their enthusiasm in filling the rosters.

It's also sometimes a good initiator for those new hams who are self-conscious talking with other, experienced hams one-on-one, but are OK talking formally to a net control station. Similarly, I try to encourage those new hams who became hams so they could talk to their ham spouses, and all you ever hear them do is talk to their spouses and to no-one else. While that's perfectly OK in and of itself, public service is a good way to break out of that mold and get more fun from radio while really helping out.

Kathy Goerg

kgoerg@webblabs.com

Webb Laboratories RF/Microwave CAE World-Wide Web Page:

http://www.webblabs.com/

(Featuring information about receiver engineering, structure synthesis, and active filter design.)

Mel Goldberg KO6TF

scoutradio@scout.net

Assistant Scoutmaster, Troop 319 & Webmaster Advisor

ScoutRadio World-Wide Web Page:

http://scout.net/ScoutRadio/

ScoutRadio is a "good turn project" of Troop 319, Huntington Beach, California USA. Our goal is to promote amateur radio in Scouting, including past & present Scouts & Scouters, and being prepared with ham radio, helping community and country.

Current Projects:

* National Hurricane Center
* Jamboree-on-the-Air (JOTA) Matchmaking Hams with Troops
* Scout Discounts on Ham Equipment
* Donation of old Handheld Transceivers (HT's) to Troops

Officially ARRL approved as the JOTA info site.

Learn how to stay in touch on long backpack trips.

Robert F. (Bob) Goldman K6BD

bgoldman@mail.microsys.net
AX.25: K6BD@W6TJ.#SOCA.CA.USA.NOAM

http://www.geocities.com/SiliconValley/4333/

+1 909 780-3217

I am always open to Elmering....anyone is welcome to contact me.

Tech Bench Elmers Amateur Radio Society

(Devoted to homebrewing and technical amateur radio in general)

(See also Mike Bridges.)

Howard Goldstein N2WX

Howard Goldstein | "Civilization is the distance man | hg@n2wx.ampr.org
N2WX | has placed between himself and | CIS:75006,702
| his excreta" Aldiss |
http://www.tapr.org/~n2wx/
"What doesn't kill me makes me stronger" Lisa

Wrote and maintain TAPR TNC-2 firmware (and some clones)
" " " TAPR and Packet Radio WWW Home Pages
Active on CW (NCS for Fri. Florida section net "QFN") and packet NTS
ARRL volunteer counsel (Florida _only_)

Packet Radio and TAPR are on the World-Wide-Web!

* http://www.tapr.org/tapr/html/pkthome.html
* http://www.tapr.org/tapr/

What's here? A page of links (the Home Page), the TAPR Home Page, a
page of Packet Pioneers and Contacts, a hypertext packet primer and
FAQ, and more.

We seek: more packet-specific links to add and any comments and
suggestions on how to make the series more useful. All ideas welcome,
please send them to my E-mail address above.

Jim Graham N5IAL

73 DE N5IAL (/4) MiSTie #49997 < Running Linux 1.0.9 >
jim@n5ial.mythical.com ICBM: 30.23N 86.32W
|| j.graham@ieee.org Packet: --OFFLINE-- (Ft. Walton Beach, FL)
E-mail me for information about KAMterm (host mode for Kantronics TNCs).

KAMterm is a host mode terminal program for Kantronics TNCs that I
wrote and released as shareware.

My professional field is telecom (data communications is my key area
of expertise).

I also have experience with wire HF antennas for apartments and other
small spaces.

Roger Gray AB5QS

ab5qs@amsat.org
AX.25: AB5QS@KB5DBI.AR.US.NA

+1 501 729-5489

P.O. Box 166
Searcy, AR 72145-0166

* ARES (Arkansas Section)
* Antennas
* Commercial Equipment
* HF/Contesting/DX
* Homebrewing
* IBM PC's
* Internet Services
* 160 Meters
* Mobile/Portable/Field Day
* Novice/Tech Instruction
* Packet Radio
* Power Supplies
* RFI
* Repeaters
* VHF/UHF
* Volunteer Examiner (ARRL VEC and Area Team Liaison)

Cheyenne T. Greatorex N1QZS

n1qzs@magrathea.com

http://www.magrathea.com/~ctg/

I co-maintain the Boston Amateur Radio Club anonymous FTP file
archives with Phil Temples, K9HI (phil@temples.com).

A sampling of the archives include:

A virtually complete archive of all ARRL bulletins since 1992 is available
at:

ftp://ftp.barc.org/pub/hamradio/barc/w1aw-list/

A mirror of all files available from the ARRL info server is also available:

ftp://ftp.barc.org/pub/hamradio/arrl/infoserv/

The ARRL infoserver mirror has FCC Part 97 (U.S. Amateur Radio Service Rules
and Regulations) at:

ftp://ftp.barc.org/pub/hamradio/arrl/infoserv/rib/part97.txt

Programs mentioned in QST are in:

ftp://ftp.barc.org/pub/hamradio/arrl/qst-binaries/

Amateur Radio Newsline is now also being archived, too:

ftp://ftp.barc.org/pub/hamradio/docs/newsline/

Macintosh Amateur Radio Software Archive:

ftp://ftp.barc.org/pub/hamradio/mac/

Ham Radio and More, the radio show carried live every Sunday (6pm - 7pm EST)
on the Talk America Radio Network, now has a World-Wide Web home page:

http://www.barc.org/barc/ham-more/ham-more.html

Please direct any feedback, submissions, or administrivia regarding
these resources to my E-mail address above.

Ken Gunton WB6QWF

kenny@erinet.com

Microwave Components World-Wide Web Page:

http://www.erinet.com/kenny/microwave.html

It changes from time to time, so stop back often! Don't see the
component you want? Just call, fax your spec, or e-mail and attach
your drawing or spec for a quick quote at BIG savings.

My company, Techlock Distributing, sells RF and microwave components
of many different types. I own the company, and it's a small, one-man
operation. While I don't sell Ham equipment per se, I have sold some
dividers, etc. to hams for their use.

Allan (Al) Gutstadt KF9RA, NNN0VMA

nnn0vma@bluemarble.net

Navy/Marine Corps. MARS

- H -

Dan Halbert KB1RT

halbert@world.std.com

QTH: West Newton, MA, near Boston.

* Building homebrew QRP gear.
* Information about QRP-NE Club.
* Advice on simple antennas.

Doug Hall KF4KL

doughall@nando.net

JPS Communications, Inc.

For those interested, JPS Communications, makers of DSP noise filters and other radio-related products, has a page on the WWW. The URL is:

http://emporium.turnpike.net/J/JPS/jps.html

Also, I'm in the process of collecting links to pages relating to uses of DSP in amateur radio. If you know of some, I'd appreciate hearing about them. There are a lot of people experimenting with new modulation schemes, voice compression, noise reduction, DSP IF techniques, and lots of other interesting applications. I'm planning to add a page with links to this information, so keep an eye out for it, and if you have something to share, please drop me a line.

Lance Halle KC7FVX

lanceh@crl.com

I will be glad to field questions in the following areas:

DFing
Local interference committee chairman

OO questions
Phoenix area Official Observer Coordinator

BSA Merit badge
Advisor of Ham Radio Explorer Post

Just let me know what all you need and I'll do what I can.

News of local enforcement actions and FCC Notices of Apparent Liability (NAL) may be found on the WWW page of the Arizona Repeater Association (of which I am a member):

http://www.indirect.com/www/ara/

Brian Hammill KD4BFJ

- ---
Brian Hammill, KD4BFJ | brianh@dante.exide.com
Software Engineer | Exide Electronics - Small Systems Group
Raleigh, NC | "Powering Your Network with Intelligent Solutions"
- ---

I am especially interested in VHF/UHF and microwave amateur bands as well as Amateur television. I am treasurer and a founding member of the newly-formed Triangle Amateur Television Association in Raleigh-Durham- Chapel Hill, NC. I am willing to share my expertise in the following areas:

* ATV - Getting started, starting local activity, repeaters.
* VHF/UHF - Propagation, what you need to get started, operating
portable, contesting, weak signals, and DX.
* Sealed Lead Acid Batteries - How to take care of them.

Steve Harding KA6ETB

ka6etb@grafex.sbay.org +1 408 252-0578 alternate: harding@nas.nasa.gov
For amateur radio related information, send a message to:
ham-server@grafex.sbay.org
and put "HELP" and/or "GET /HAMRADIO/INDEX.TXT" in the body.

HAM-server is now on a 486 with nearly 70 MB of data. Besides DOS,
there are some UNIX, Mac, and OS/2 files.

Most files have been taken from the various ftp-servers world-wide.
However, there are many programs that have been donated by HAM-server
users.

Submissions welcome. Send to incoming@grafex.sbay.org.

Ham-server World-Wide Web Home Page:

http://www.ati.com/hamserv/

Ed Hare KA1CV

Ed Hare, KA1CV | ehare@arrl.org
American Radio Relay League |
225 Main St. |
Newington, CT 06111 |
+1 860 594-0200 - voice
+1 860 594-0259 - FAX

ARRL Laboratory Engineer

* Radio Frequency Interference (RFI) matters
* Equipment Testing

My survey of automotive EMI problems is mostly complete. The results
are in September 1994 QST, including warranty and customer service
information for most automobile manufacturers (many of whom have
published installation guidelines).

I am also continuing to pursue more formal contacts and
standards-making through the EMR and EMI Standards Committee of the
Society of Automotive Engineers (SAE), of which I am a member.

Copies of General Motors installation guidelines are available. Saturn
allegedly has a video on mobile installation, but none of the dealers
seem to know about it. I have a call into one of my low friends in
high places. :-)

If anyone would like a copy of the GM installation guidelines, send a 9X12" SASE with two units of postage *and* a specific request for the "GM Installation Guidelines" to the ARRL Technical Department Secretary, 225 Main St, Newington, CT 06111. A copy has been reprinted in the ARRL book -- Radio Frequency Interference -- How to Find It and Fix It.

EMI/RFI Resource List and RFI Tips package available. A business SASE with 98 cents postage is appreciated. Please specify the desired documents in your correspondence.

The FCC has released the results of a telephone interference survey just completed.

If you would like a copy of the survey, which includes a list of telephone models checked, send an SASE with two units of first class postage to the Technical Information Service at ARRL HQ. Alternatively, you may obtain an electronic copy from the info server below.

If leakage from your local Cable TV operator is interfering with the Amateur Radio Service, it is in violation of the provisions of Part 76 of the FCC regulations.

I would first direct the problem toward the cable company system engineer or service manager. Chances are the "front-line" people who answer the phone don't know what you are talking about.

If this is not effective, contact me here at ARRL HQ. I can put you in contact with our liaison to the National Cable Telecasters Association. This liaison will help your cable operator understand their responsibilities.

For CATV interference problems in general, I recommend you obtain our Radio Frequency Interference Book. If you are a League Member, you can also get a copy of the ARRL Technical Information Service info package on CATVI -- "EMI/RFI - CATV" by sending a LARGE SASE with 3 stamps on it to the ARRL Technical Department Secretary, 225 Main St, Newington CT 06111. This package is a reprint of an article I wrote for Communications Technology -- the Journal of the Society of Cable Television Engineers. We submitted it to "their" journal because we felt that it would carry more weight with the cable companies.

If you have any questions after you have read the material, contact me here at HQ. I can usually get back to you within a few days to offer some additional help.

Many amateur radio informational documents (including EMI/RFI files) are also available from the ARRL info server. Send E-mail to info@arrl.org with the word "HELP" in the message body.

See Cheyenne Greatorex's entry for information about the ARRL Anonymous FTP Archive and David Newkirk's entry for information about the ARRL World-Wide Web Home Page.

Jack G.F. Hill W4PPT

Jack, W4PPT/M (75M SSB 2-letter WAS #1657/#1789 -- both from the mobile! ;^)
- ---
Jack GF Hill |Voice: +1 615 459-2636| Ham Call: W4PPT
P. O. Box 1685 |Modem: +1 615 377-5980| Bicycling and SCUBA Diving
Brentwood, TN 37024 |Fax: +1 615 459-0038| Life Member - ARRL
root@jackatak.ThePorch.com - "Plus ca change, plus c'est la meme chose"

Mobile Antenna Systems and Installation (Primarily HF)

* power distribution
* frame grounding
* antenna selection and construction
* mounting the rig
* useful accessories
* Keeping it Simple (avoiding task overload)

I have agreed to provide a new home for the "Boat Anchor" mail list, with the blessings of Paul Prescott, N1AAC, who took over from Our Esteemed Founder Jim Lockwood, KM6NK. I have also agreed to take over the rec.radio.amateur.* Working Group mail list, formerly maintained by Ian Kluft, KO6YQ. In addition, a new mailing list devoted to homebrewing tube transmitters and receivers ("Glowbugs," a sort of intersection between Boatanchors and QRP) has been created.

The mailing list addresses are:

* boatanchors@ThePorch.com (*)
* rra-wg@ThePorch.com
* glowbugs@ThePorch.com

Use these addresses for messages of general interest to the entire group. Please don't use them to subscribe, change address, etc.

(*) Effective 15 March 1996, the BoatAnchors list went to a subscription-only list, with $12 US per year as "dues" to support the list.

With monthly costs for Net access at $350 US/month and telephone line charges of $50 US plus, we are not getting rich. The fee was set after much consultation and wrangling, and was designed to cover the costs of running the list... and hopefully provide a surplus to upgrade the services we can provide, like better mail delivery, larger archives, etc.

The new automated list manager address is

ListProc@ThePorch.com

Use this for subscribing, unsubscribing, getting archived info, getting the FAQ message, changing your address, etc.

To subscribe, send a message to this address with "subscribe boatanchors <your name>" or "subscribe rra-wg <your name>" Similarly, to unsubscribe, replace "subscribe" with "unsubscribe"

The new list owner address is

ListOwn@jackatak.ThePorch.com

Use this address only when there is a problem which really truly can't be resolved otherwise.

Richard Hosking VK6BRO

richardh@iinet.net.au

Perth (Australia) Radio Experimenters Group World-Wide Web Page:

http://www.iinet.net.au/~richardh/

(Featuring information about homebrewing and electronics design.)

Ed Humphries N5RCK

Ed Humphries Hewlett-Packard NARC Atlanta GA
N5RCK Internet edh@hpuerca.atl.hp.com

Past President, Williamson County (TX) ARC

Former Assistant Emergency Coordinator for Williamson County ARES/RACES

2-meter FM, VHF Antennas, Mobile Installations Organizing Amateur Radio Seminars and Programs Multiband wire antennas, Field Day Activities and general WeatherNet & public service enthusiast

---

Stan Huntting KF0IA

stan@mutadv.com

4655 Pleasant Ridge Rd.
Boulder, CO 80301-1731
USA

FAX: +1 303 444 2314

KaWin World-Wide Web Home Page:

http://www.mutadv.com/kawin/

KaWin(c) supports multiple host mode Kantronics(r) TNCs in all HF and VHF modes in MS Windows(R). Download the fully functional KaWin program from the KaWin WWW home page.

- I -

Michael Ihry AC5CT

mihry@topher.net

Voice: +1 903 883-3789
Work: +1 (903) 408-8594

Quinlan, TX
USA

Areas of Expertise:

* ARES/RACES/SKYWARN
* Antennas
* Antique and Older Equipment
* Batteries
* Commercial Equipment
* DSP
* Electronics in General
* Equipment Testing/Troubleshooting
* Mobile/Portable/Field Day
* HF/DX/Contesting
* Homebrewing
* IBM PC's
* Internet Services
* Novice/Tech Instruction
* Power Supplies
* QRP
* RFI
* Repeaters
* Scouting
* Towers
* VHF/UHF
* Volunteer Examiner
* Computers and Computer Programming

Carl Ingerson N1DXM, NNN0HLC

cingersn@bdam.win.net

Navy/Marine Corps. (NAVMARCORPS) MARS

(Maine Area of Region ONE)

ampr.org IP Coordinator for Maine subnet (44.118.xxx.xxx)

I can get just about any answer needed for TCP/IP, if I don't know it
myself. I have a close friend who will know the answer (he doesn't
have E-mail access).

I am more than glad to offer my assistance. Being up here in the
"sticks," I remember how difficult it was to find assistance back when
I became interested in Amateur Radio.

[Editor's Note: All ampr.org coordinators are listed in the document at:

ftp://ftp.ucsd.edu/hamradio/amprnets

]

- J -

Bart Jahnke KB9NM

```
==============================================================
= | ARRL HQ =
= Bart J. Jahnke, KB9NM | Tel: +1 860-594-0300 =
= ARRL/VEC Manager | Fax: +1 860-594-0259 =
= 225 Main St | Internet: vec@arrl.org =
= Newington CT 06111 (USA) | MCI MAIL ID: 653-2312 =
= | =
==============================================================
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* Listings of Examination Opportunities -- bi-weekly postings
ftp://rtfm.mit.edu/pub/usenet/rec.radio.amateur.misc/
* Volunteer Examining procedures - ARRL VE Manual
* Support and Instruction for Volunteer Examiners - Coordinating Exams
* Member, National Conference of VECs Question Pool Committee
* Information on what's required to become an Amateur Radio licensee
* Contributing Editor - QST Magazine - Exam Info column

See the entry for Michael Ardai for information about receiving ARRL VE announcements and examination schedules via E-mail.

See Cheyenne Greatorex's entry for information about the ARRL Anonymous FTP Archive and David Newkirk's entry for information about the ARRL World-Wide Web Home Page.

Tom Job VE3II

ve3ii@bconnex.net

Maritime Mobile Service Net (MMSN)

(See also Rene Stiegler)

Cedrick Johnson N9YXA

n9yxa@ix.netcom.com
AX.25: N9YXA@W9ZMR.IL.USA.NA

http://pages.prodigy.com/n9yxa/

Voice/FAX: +1 (630) 897-3541

502 Manor Place
Aurora, IL 60506
USA

* AMSAT
* BBS's
* HF/Contesting/DX
* CW
* Packet and Digital Networking
* SSTV
* VHF

I am a somewhat new DX'er/Contester. I have had experience with many aspects of radio, SSTV, Packet, and HF work.

Robert K. Johnson KD6MQE

rkj@earthlink.net

* Homebrewing
* IBM PC's

- K -

Phil Karn KA9Q

karn@unix.ka9q.ampr.org

http://www.qualcomm.com/people/pkarn/

High-Performance Software Modem Project

Recently I've been working on a prototype SQPSK (staggered quadrature phase shift keyed) modem for the amateur satellite channel. This modem is implemented totally in software running on a PC with an ordinary (non-DSP) Soundblaster card. It runs at 1200 bps and fits into a SSB transceiver bandwidth.

I've made good progress and have put some info up on my web page about it, including an audio file to show what it sounds like in noise when the signal is still copyable, available from:

http://www.qualcomm.com/people/pkarn/ham.html

Watch that page for an announcement of when I actually release the code, which I plan to integrate into KA9Q NOS.

Spread Spectrum

I've been trying to answer the question of consequences of promoting relatively wide-band digital modes on band occupancy and throughput (i.e., What gets optimized? Are there tradeoffs in quality vs. quantity?) in the context of the spread spectrum rules debate, but I

think it needs to be a much wider discussion. See my reply comments to the FCC on this issue:

http://www.qualcomm.com/people/pkarn/papers/mysscomments.html

(See also Steve Bible for more information on Spread Spectrum)

[Editor's Note: I'm honored by the presence of many advanced-level Elmers in this directory, including Jeffrey Angus, Gary Coffman, and now Phil Karn. Phil has graciously agreed to appear in this directory for the purpose of elmering and technical exchange for the advanced topics listed above. As with all of my Elmers, please respect their time by only seeking assistance from them for the topics under which they are listed. There are many Elmers willing to answer more beginning-level packet radio questions, including basic questions about IBM PC hardware, TCP/IP and NOS. Consult the "IBM PERSONAL COMPUTER (PC) AND CLONES" and "PACKET AND DIGITAL NETWORKING" categories in the Subject Quick-Search Index for a complete list.]

Paul Keezer NX1P

logview@keez.tiac.net

Finally a WWW page has been set up for HamView products, a Windows based Ham Radio program. This page can now be located at:

http://www.tiac.net/users/pkeezer/hamview/

There is an upgrade file right now for Win95, but the bug has only been corrected in Logview 5.0. Come and check us out.

Michael S. Keller AB5EL

71620.447@compuserve.com

Areas of particular knowledge:

* PC-style computers
* Mobile installations (rearranging mobile HF right now)
* Repeaters (after a fashion--building a 1.25m repeater)

R. D. Keys NA4G

Dept. of Crop Science
NCSU
Raleigh, NC 27695-7620

rdkeys@csemail.cropsci.ncsu.edu

de NA4G, "Boat Anchor Bob", an ol' cw fart .....

If I can be of assistance in older equipment, junk-boxing your way to hamdom, the cheapskate's approach, let me know.

22 yrs a ham, extra class, mostly cw, mostly boat anchors and radio in the traditional sense.

{Telegraphy has been in my family for almost 100 years!}

CWISTS Friday Night Fist Function

Standard time: Friday Nights at MIDNIGHT LOCAL TIME

Standard freq:
80 meters --- 3702.5 kHz for all hands.
40 meters --- 7102.5 kHz alternate, for all hands
(between the heterodynes, someone scout out a better QRG)

Standard calling signal:
CWIST IMI DE <yourcall> K (if there are no control stations calling for you to check in), or, CWIST DE <yourcall> K (if there is a control station inviting checkins) (The alternative check in for those OTs with salt behind the ears is a simple DE to get the control station's ears followed by DE <yourcall> K when the control station acknowledges.)

Note:
A simple informal net style protocol will generally be used, unless no control station assumes control for the evening, in which case it is an open roundtable format discussion group.

Note:
The midnight local time gathering is designed to maximize the number of checkins spread out over the world, so less confusion and more checkins are heard. The hope is that someone will be aboard almost anywhere and be heard at least locally, anywhere in the world.

Definition:
A CWIST is a person with an active interest in the PRACTICE and USE of continuous wave radiotelegraphy as directly is applicable to amateur radio. Such PRACTICE and USE may take the form of learning about radiotelegraphy and its history in amateur/commercial areas, its application to radio telecommunication, the practicing of the art and craft of radiotelegraphy, and the refining and developing of the technology of radiotelegraphy.

Author of NA4G's National Electrical Code for Hams

ABSTRACT

This work was presented as a talk to the Homebrew Special Interest Group (HB-SIG) of the Raleigh Amateur Radio Society (RARS), on 15 January, 1991 and was revised for another presentation on 26 January, 1994.

This document contains excerpts of the National Electrical Code (NFPA 70-1990) that, in the author's opinion, apply to the installation of amateur radio equipment as would commonly be found in most amateur radio stations. Direct excerpts from the Code are contained within inset quotations. Paraphrased excerpts from the Code are itemized. The author's interpretation and discussion of the Code is set full-width. The author's interpretation and discussion of various sections of the Code is not meant to be all-encompassing, nor the official interpretation of the National Fire Protection Association, nor of any official governing body having legal authority of jurisdiction over electrical installations, but is meant to be used as a teaching tool for amateur radio operators.

For ease of access, the group of files have been 'rolled into one' both in tar-compress (862K, for Unix jocks) and PKZIP 2.04g (732K, for MS-DOS users) formats. Both are available from:

ftp://sunsite.unc.edu/pub/academic/agriculture/agronomy/ham/things-to-build/na4g/

Robert A. Kile KG7D

midnight@accessnv.com

A Current list of Dealers and Manufacturers of Amateur Radio Equipment in North America is now available on HR Showcase Amateur Radio WWW. The URL is:

http://www.accessnv.com/hrshow/

The listing will be updated as more come on line. Enjoy!

Brad Killebrew N5LJV

E-mail: n5ljv@uh.edu
E-mail: n5ljv@cet.net
AX.25: N5LJV@F6CNB.#SETX.TX.USA.NOAM

My interests and areas of expertise are

* TNOS Packet Gateway (hougw.ampr.org)
* Unix and Linux systems
* Volunteer Examiner (W5YI #6913 and ARRL/VEC)
* VHF and UHF repeaters

I'm the trustee of the University of Houston Amateur Radio Club WB5FND. URL is http://wb5fnd.tech.uh.edu/

I maintain the Internet Relay Chat #HamRadio Home Page. URL is http://wb5fnd.tech.uh.edu/irc/

I co-authored the Mod and Features info for the Kenwood TM-733A radio.
The master copy is at

ftp://wb5fnd.tech.uh.edu/pub/hamradio/mods/kenwood/

Christopher Knauer KB9CCR

cknauer@sni.net

5004 W. 92nd Avenue #123
Westminster, CO 80030

+1 303 403-1883

Webmaster, National SKYWARN World-Wide Web Page:

http://www.skywarn.org/

(Working with the ARRL and the National Weather Service to provide
authoritative information about weather spotting both to SKYWARN
members and the general public.)

Also have experience in:

* ARES
* IBM PC's
* Internet Services
* Commercial Broadcasting (Assistant Engineer and Manager of
Information Services)

Louis J. Kohnen K2ANC

K2ANC.Wbst128@xerox.com

Penfield, NY near Rochester

I'll be glad to help out with tube circuits and VE testing.
(W5YI VE# 3182)

Veikko (Veke) Komppa OH2MCN

- ---
Veikko Komppa "Veke"
Collecting licensing information via Internet
MORE THAN DXCC AVAILABLE THRU The Web
Licensing info in Web at http://www.clinet.fi/~jukka/license.html
OH2MCN, ex OH5VD,OH2XD,CR9D,VK9YD,S79VD,FR0VD,3D2VD,9M8VD,5W1VD
Internet: Veikko.Komppa@vtt.fi
QTH: Paaskynkuja 7, FIN-03100, Nummela, Finland tel. +358 0-22 22 448
JOB: P.O.Box 1401, FIN-02044 VTT, Finland tel. +358 0-456 5260
fax. +358 0-456 7026
- ---

Information for licensing abroad for radio amateurs

(See Web URL above.)

Ronald G. Kruml KB7JCP

kb7jcp@aol.com
kb7jcp@worldnet.att.net

AX.25: KB7JCP@N7DUO.#WWA.WA.USA.NOAM

Northeast King County (Washington State, USA) ARES Emergency Coordinator

Editor, EComm News

EComm News is a weekly newsletter aimed at Amateur Radio Operators and Emergency Management Officials in the U.S. Pacific Northwest. The newsletter contains local announcements, public service opportunities, Amateur Radio news and information, Internet resources for Amateur Radio and Emergency Management, as well as many training topics.

The newsletter is published as a public service by King County Amateur Radio Emergency Service, Fire Zone 2.

To subscribe to the list, send e-mail to: listserv@listserv.aol.com

Enter the command line, SUBSCRIBE ECOMM-NEWS, in the body of the message.

For more information on the list, point your web-browser to:

http://ifrit.web.aol.com/mld/production/yiaz0823.html

Tack Kumagai JE1CKA, KH0AM

je1cka@nal.go.jp

P.O. Box 22
Mitaka, Tokyo 181
Japan

Voice: +1 81 30-066-6408
FAX: +1 81 423-93-4449

My primary interest is contesting (especially DX). I've been a committee member of the CQ WW (World Wide) DX contest and a committee chairman of JIDX (Japan International DX) contest. If you have any questions or opinions on the above contests, your input will be accepted by E-mail at any time.

I've been running an information server and mailing list server for the following topics:

Japanese International DX (JIDX) Info-Server

Any JIDX contest results/rules will be available by
jidx-info@dumpty.nal.go.jp by sending

help

in the body of the E-mail message.

Japanese CQ Contest Mailing list

Archived "cq-contst" reflector re-distribution. send a request to
contest-request@dumpty.nal.go.jp with the message

subscribe cq-contest-digest your_callsign <your_email_address>

Tokyo VEC Team Coordinator

I've been leading the Tokyo VEC team since 1991 under the W5YI-VEC
system. Exams will be held on the first Sunday afternoon in EVEN
months. All examinees are requested to register in advance one week
prior to the exam date. The VE Exam is open to any person who actually
plans to operate from the US, but is not intended for license
collectors.

(Continued in next part.)

-----BEGIN PGP SIGNATURE-----
Version: 2.6.2

iQCVAwUBMlhZ+SROYYq72ea1AQFjDgQAh40LNSYvedhKHKYnaFj5d0wivgSzSD5O
xpVfVsir4IpfvkI0DlrUP2LGnNg7OSoeOA+F1VyIpvTDlbHzs3yOYZKCYZwX611Q
hWs+GCmBJ1TZLzeVXxvFe7FINomDbm1PLIVtr1J8SLbRM/427iRhiPSghnViE0Kd
deYyMwUIlfA=
=ir3K
-----END PGP SIGNATURE-----

4565. Amateur Radio: Elmers Resource Directory [L-R]

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: pschleck@novia.net
Message-ID: <radio/ham-radio/elmers/list/part3-1-844675799@novia.net>
Source record: 215355
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

Posted-By: auto-faq 3.3 beta (Perl 5.003)
Archive-name: radio/ham-radio/elmers/list/part3
Posting-Frequency: posted on the first Monday of each month
URL: http://www.novia.net/~pschleck/elmers/

-----BEGIN PGP SIGNED MESSAGE-----

(Continued from previous part.)

- L -

John Langner WB2OSZ

115 Stedman St. #E
Chelmsford, MA 01824-1823
+1 508 256 6907 (home - civilized times only please)
johnl@world.std.com

Slow-Scan Television (SSTV)

SSTV World-Wide Web Home Page:

http://www.ultranet.com/~sstv/

Manuel Lim Lao DU3LIM

siubon@mnl.sequel.net

+69 047-222-2277

1939 Rizal Ave. WBB.
Olongapo City 2200 Philippines

* ARES
* Reciprocal Licensing/Operating in the Philippines

Alan Larson WA6AZP

larson@net.com
larson@w6yx.stanford.edu

My areas are fairly general, and I teach classes (Novice and Tech,
with and without code, and upgrade sessions) at W6YX. My main audience

is to the Stanford (University) community.

I am also involved with some less common modes, such as fast scan
television and weak signal VHF and UHF.

Zack Lau KH6CP/1

Zack Lau KH6CP/1 Expertise: Design of SSB/CW amateur transceivers
c/o ARRL Lab : up to 222 MHz. Design of transverters
Newington CT 06111 : up to 10.5 GHz. Basic lossy filter
+1 860 594-0200 : design. Developing repeatable projects
zlau@arrl.org : using cheap, easy to get parts.

I'm now starting to look into 24 GHz SSB/CW gear using 10 GHz as a
convenient IF.

Especially looking to help anyone wanting to be a QST/QEX author--I
can't write it all myself!

Howard Leadmon WB3FFV

- ---

Internet : howardl@abs.net | Howard D. Leadmon
UUCP : wb3ffv!howardl | ABSnet Internet Services
PHONE : +1 410 361-8160 | 200 E. Lexington Street
FAX : +1 410 361-8162 | Suite-1602
PACKET : WB3FFV @ WB3FFV.MD.USA.NA | Baltimore, MD 21202
WWW : http://www.abs.net/ |

Amateur Radio Anonymous FTP Archive:

ftp://ftp.abs.net/

I attempt to keep the latest and greatest HAM software on-line, and
encourage all to upload anything new that they come up with, as it is
of benefit to all. Here is a sample of the software that is available
for downloading:

* KA9Q TCP/IP Software for the PC (Latest OFFICIAL release + TEST
Versions)
* KA9Q TCP/IP for the Atari-ST, MAC, & Amiga
* KA9Q TCP/IP for UNIX based systems
* KA9Q TCP/IP (The NOS release) [UNIX, MS/DOS, Amiga]
* KA9Q TCP/IP (Version by G1EMM, PE1CHL, PA0GRI, Etc.)
* N2GTE Packet Message Switch [GTEPMS]
* WA7MBL BBS for the PC
* W0RLI BBS for the PC
* MSYS BBS for the PC running KISS TNC's
* AA4RE BBS for the PC (plus BETA versions)
* F6FBB BBS for the PC
* G8BPQ PC-Node (Version 4.08)
* Various BBS utilities and enhancements

* Several MORSE CODE Tutors
* TheNet software by NORD><LINK
* Modifications for many HAM Rigs and Scanners
* Digital Signal Processing software (DSP)
* DX and contesting programs

ampr.org IP Coordinator for Maryland Subnet (44.060.xxx.xxx)

[Editor's Note: All ampr.org coordinators are listed in the document at:

ftp://ftp.ucsd.edu/hamradio/amprnets

]

Owner of the md-hams Mailing List

The md-hams list has been placed on-line to allow people involved or interested in various facets of Amateur Radio to have a place to talk about local activities in Maryland and the District of Columbia.

To subscribe, send E-mail to md-hams-request@wb3ffv.ampr.org with:

subscribe md-hams <your E-mail address>

in the body of the message. An acknowledgement message will follow shortly.

If you have any questions or problems, feel free to contact me at one of the numbers/addresses above. Good Luck...

Dr. Marc I. Leavey WA3AJR

ajr@ari.net

http://www2.ari.net/ajr/

73 Magazine RTTY Loop Columnist

RTTY Loop World-Wide Web Page:

http://www2.ari.net/ajr/rtty/

(Featuring the RTTY Loop column archive, software library, and general RTTY information.)

Be glad to help out those interested in digital communication.

Jinson Lee HL5QO

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hl5qo@cit.yonam-c.ac.kr

Voice: +82 591-751-2042
Work: +82 591-759-8123

FAX: +82 591-751-2049

305 Yongong, Apt. 773
Chinju Korea 660-300

* AMSAT
* DSP
* EME
* Microwave
* OSCAR
* Packet and Digital Networking
* TAPR

Alexis Leynes K9KYJ

aleyne1@uic.edu

Personal and Youthnet News Home Page:

http://icarus.cc.uic.edu/~aleyne1/

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H: +1 312 326-3739
Voice-Mail: +1 708 612-9306

FCC Technician License Since Feb. 1991
Certified Phlebotomist with the
University of Illinois at Chicago Hospitals and Clinics
Red Lab 1

Emergency Communications
TCP/IP Networking

Editor-in-Chief, Youthnet News

Youthnet NEWS is an amateur radio informational service for the young
radio amateur operator. All Rights Are Reserved 1996.

It is periodically posted to

news:rec.radio.amateur.misc
news:rec.radio.info

Fred Lloyd AA7BQ

- --
Fred Lloyd, AA7BQ flloyd@qrz.com
Scottsdale, Arizona | finger flloyd@qrz.com for PGP Key | http://www.qrz.com
- --

Author of the QRZ! Ham Radio CDROM

I am interested in receiving amateur-radio-related public-domain and/or shareware programs, data bfiles, frequency lists, etc., that would make a useful edition to the QRZ! CDROM. Can help arrange volume discounts for clubs and groups, and will donate copies of QRZ! to qualifying non-profit organizations. Send E-mail or call +1 602 483-2036.

We now have the QRZ! FTP archive and QRZ! WWW server online, 24 hours a day. Our connection is via a T1 line so you should get pretty decent file transfer times.

We've got about 7,000 files online, including radio mods, software, most everything imaginable. We are also accepting uploads of all ham radio related material.

Feel free to stop by and have a look:

* ftp://ftp.qrz.com/
* http://www.qrz.com/ (WWW interface to the FTP archive as well as a Callsign database server)

Authors of ham radio shareware programs, data files, mods, etc., are invited to contribute their materials to the QRZ! anonymous ftp server above.

I would also like to thank those who have volunteered in helping port the QRZ! source code to a wide variety of platforms. In the next edition, we'll have support for DOS, Windows, OS/2, Windows NT, Sun, NeXT, SGI, Linux, AIX, and HP/UX executables, directly on the disk.

Notably not mentioned is Macintosh, which so far has been a bit troublesome to put together. If anyone who can program in 'C' on a Macintosh would care to volunteer, please let me know. Although there is an experimental Mac interface at this time, I'd like to make it an officially-supported platform.

The QRZ! Callsign/E-mail Registry now contains over 4100 callsign-to-E-mail-address listings and is growing daily.

We have a WWW page where you can input your E-mail address directly into the QRZ! Callsign Database, where it will be published on both CDROM and on the Internet. When you use this page, your E-mail address is made instantly available to the online database.

Everyone is encouraged to check in and add their E-mail address to the server. There are no charges or listing fees, and it's free to all radio amateurs. The procedure takes only a second, and you are only asked to supply your callsign and E-mail address.

Register your E-mail address today!

We're pleased to announce that the online FCC database at qrz.com is now updated nightly from the FCC with fresh information.

According to FCC rules, if you've just passed your first test, you can begin operating as soon as your callsign shows up in the online database.

Please pass on any ideas, suggestions, comments, etc., to my E-mail address above.

Luther M. Lord N4DA

n4da@mindspring.com

If you need a good place to get your amateur radio repaired, I can help. Visit the Radio Doctor's home page at:

http://www.mindspring.com/~n4da/top.html

I will answer all technical questions received via E-Mail at my address above. This service is offered presently at no charge.

Jeff Luszcz N2TIQ

jeff@best.com

College and University Club List World-Wide Web Page:

http://www.best.com/~jluszcz/clublist.html

Sandy Lynch WA6BXH, 7J1ABV

slay@netcom.com

Information about foreigners operating in Japan

- M -

Dean R. Madsen KE0WO

Dean R Madsen, KE0WO Computer Science Major
Internet: dmadsen@iastate.edu Iowa State University
ke0wo@iastate.edu Ames, Iowa
AX25: KE0WO @ KE0WO.#NWIA.IA.USA.NA
Secretary for the Tristate Amateur Packet Association
Treasurer for the Cyclone Amateur Radio Club

A few members of our ham radio club were interested in helping out. Since our turnover is usually 4 years or so (graduation is a horrible thing), I thought it may be difficult for us to keep the list up to date. I thought that by creating a local mailing list called elmers@iastate.edu we could add or remove people as need be. There would always be at least one person receiving mail on that list, usually more! Even after I graduate, this list will be maintained

allowing ISU hams to easily help others.

Currently we have people with packet experience, some HF experience, much repeater experience, in addition to a considerable background in theory, as many here are electrical engineering or computer engineering students. If a question can not be answered by the readers of the list, there are many other local hams that could be prodded for the info.

Our local ham radio club has been especially interested in helping local disabled hams (or hams to be) get on the air. But anyone local who needed help would find a group at their door ready to work.

Fred O. Maia W5YI

3511297@mcimail.com

The W5YI Group, Inc.
P.O. Box 565101
Dallas, Texas 75356
Tel. +1 817 461-6443

This firm consists of two separate divisions:

EDUCATION DIVISION:

Develops and distributes amateur radio self-training materials, including the Gordon West/WB6NOA line of audio, video, computer software and printed study materials. Credit card orders and information from (toll free): +1 800 669-W5YI (9594). All materials are guaranteed current and shipped within 24 hours with 2-day priority delivery. They offer a special discount for instructors conducting training classes.

W5YI Amateur Radio written license exam and Morse code training products are also available from every Radio Shack nationwide. Color photograghs of the major training products are available at their Express Order or Radio Shack Unlimited desk.

THE W5YI-VEC:

Coordinates the activities of more than one thousand volunteer examining teams world-wide. The locations of test sites near you can be determined by calling +1 817 461-4663 anytime, including evenings and weekends. Any General, Advanced or Extra Class amateur may form their own VE team by calling +1 817 860-3800 during normal business hours.

All examination results are electronically filed with the FCC. Amateur radio licenses and call signs are normally issued within 48 hours of VEC receipt of the examination paperwork. New amateurs may determine their call signs by calling the FCC's toll free consumer assistance line: +1 800 322-1117.

Will Marchant KC6ROL

marchant@netcom.com

I'm one of the SAREX school group technical mentors. A group of about
nine of us are assigned by AMSAT/NASA/ARRL to make sure that the
schools selected for dedicated contacts on a SAREX flight are
prepared. I'd be happy to try handling E-mail from people interested
in SAREX.

Barry Martz KI8W

ki8w@grfn.org

Bay Area (California) DX'ers World-Wide Web Home Page:

http://www.netonecom.net/~ki8w/bad1.html

Neal McEwen K5RW

nmcewen@metronet.com

Richardson (Dallas), Texas

Telegraph Key Collectors and Historians World-Wide Web Page:

http://www.metronet.com/~nmcewen/ref.html

Daniel J. Meredith N7MRP

Arizona Network Intertie Group
"Serving Az's Digital Needs Since 1993"

Daniel J. Meredith - N7MRP Voice: +1 602 489-7384
P.O. Box 45378 Fax : +1 602 956-2566
Phoenix, Arizona BBS : +1 602 912-0225
85064-5378

ListOwner: F6fbb-List@phx-az.com & FBB@N7MRP.AZ.USA.NOAM
Arizona Amateur Radio VHF/UHF Digital Coordinator

Ax.25: N7MRP@N7MRP.AZ.USA.NOAM Internet: Sysop@phx-az.com

The F6FBB Support BBS Is Available Via E-Mail & LL Dial-Up +1 602 912-0225.
E-Mail ---> archie@phx-az.com
HELP <-----SUBJECT

The F6FBB Support BBS Is Also Home To The F6FBB ListServ.
Internet ---> Send E-Mail To Sysop@phx-az.com for Subscription Information.

There is Also an Ax.25 F6FBB ListServ.
E-Mail ---> SP LSERV@N7MRP.AZ.USA.NOAM
SUBSCRIBE <----SUBJECT
SUBSCRIBE FBB <----1ST LINE OF MESSAGE TEXT.

Don L. Miller N6ZUF

dlmiller@fishnet.net
AX.25: N6ZUF@N6AHI.#SOCA.USA.NOAM

http://www.fishnet.net/~dlmiller/

Ventura County (California, USA) ARES Area 6 Packet Radio Training Group
Manual:

http://www.fishnet.net/~dlmiller/packet.html

Lee Mills KE4TNK

millsdo@eng.auburn.edu
millsdo@auburn.campus.mci.net
ke4tnk@switch.k4ry.ampr.org

Voice: +1 (334) 887-8705
Work: +1 (334) 844-6814
FAX: +1 (334) 844-6803

211 Aerospace Engineering
Auburn University, AL 36830
USA

* Apple Macintosh Computers
* College Clubs
* HF
* IBM PC's
* Internet Services
* Novice/Tech Instruction
* Packet And Digital Networking
* Repeaters
* SKYWARN
* VHF/UHF

Auburn University Amateur Radio Club (K4RY) World-Wide Web Page:

http://www.auburn.edu/k4ry.html

April Moell WA6OPS

emcom4hosp@aol.com

Hospital Disaster Support Communications System (HDSCS) Coordinator

HDSCS World-Wide Web Page:

http://members.aol.com/emcom4hosp/

For over 15 years, the 90-plus members of the ARES/RACES-affiliated Hospital Disaster Support Communications System (HDSCS) of Orange County, California have served over 35 hospitals in nearly 50 emergency situations. At the new HDSCS site on the Web, you can find out how volunteer Amateur Radio operators can be an important backup communications resource for hospitals, if the hams are well organized and trained.

There you will find:

* How HDSCS organizes to support hospitals
* What "dedicated communicators" are and why they are important
* Frequently Asked Questions about hams helping hospitals
* The surprising answer to "How often do hospitals need hams, anyway?"
* Response from hospitals served by HDSCS
* Info given to new HDSCS members
* Recruiting hams for hospital communications
* And lots more...

Joe Moell K0OV

homingin@aol.com

Homing In Column World-Wide Web Page:

http://members.aol.com/homingin/

(Homing In is a column in 73 Magazine featuring information about radio direction finding, hidden transmitter hunting, and jammer tracking.)

This site features:

* Southern California T-hunting, what equipment the winners use
* International-style foxhunts have come to California
* Complete design fixes for the Dick Smith doppler set
* Updates to the Moell/Curlee book (TRANSMITTER HUNTING---Radio Direction Finding Simplified), including board/kit/parts sources and building tips
* Frequently Asked Questions and answers from the Homing In mailbox
* Index and subject list of all Homing In columns in 73 Magazine through September 1996 (over 90 articles)
* And lots more...

The Homing In site is written and maintained by Joe Moell K0OV. It is not affiliated with 73 Magazine, Wayne Green Enterprises, or any other commercial entity.

Joe Moor N2TQL

joemoor@warwick.net

+1 201 209-1133

18 Andrea Drive
Vernon, NJ 07462-9703

* IBM PC's
* Internet Services

John Moore NJ7E

John Moore 7525 Clearwater Pkwy, Scottsdale, AZ 85253 USA
ozone@primenet.com Amateur call:NJ7E Civil Air Patrol:Thunderbird 381
Voice: day or eve:+1 602 951-9326 FAX:+1 602 861-7642 (by prior arrangement)

Civil Air Patrol

Co-Host - Ham Radio and More

Ham Radio and More is available for free to any AM station that is willing to run it with national ads intact. If you want there to be a nationwide amateur radio talk show, call your local station and ask them to get the program. They don't have to be part of the Talk America network. They can call KFNN in Phoenix (+1 602 241-1510) or Talk America at +1 508 460-0588.

Effective 4/7/96: WWCR shortwave will air the show LIVE each Sunday at 6:00pm ET, (2200 UTC) on 7.435 MHz AND 12.160 MHz. Also, tape delayed at 5:00am ET (0900 UTC) Mondays on 3.315 MHz and Saturdays at noon ET (1600 UTC) on 12.160 MHz.

Call in and be part of the show. The toll free number is +1 800 293-5366 and outside the country at +1 602 230-2755. Fax at +1 602 241-1540.

See the entry for Cheyenne Greatorex for the Ham Radio and More World-Wide Web Page.

Winston Morgan KC5LIK

wmorgan@vvm.com

+1 817 770-1826

1004 South 26th St.
Temple, TX 76504

* ARES/RACES/Skywarn
* Internet Services (including Mailing Lists)

Larry S. Morris KG7RQ

lmorris@rand.nidlink.com

Voice: +1 (208) 777-7615
Work: +1 (509) 459-6100 ext 6998
FAX: +1 (509) 325-7329

6123 W. Hauser Lake Road
Post Falls, ID 83854-8515
USA

* ARES
* Amiga Personal Computer
* Antennas
* Antique And Older Equipment
* Apple Macintosh Computer
* Batteries
* CW
* Equipment Testing/Troubleshooting
* Field Day
* HF
* Homebrewing/Do-It-Yourself
* IBM PC's
* Internet Services
* Novice/Tech Instruction
* OSCAR
* Portable
* Power Supplies
* VHF

Rich Moseson NW2L

CQMagazine@aol.com

CQ Magazine Online Coordinator

Please direct any general/editorial feedback to the magazine to the
E-mail address above.

(see also Steve Affens)

John Mouw KD4GIK

mouwj@aol.com

AX.25: KD4GIK@AA4RU.#LEO.FL.USA

Antennas

Kevin Muenzler WB5RUE

wb5rue@amsat.org

126 Hickory Circle
Floresville, TX 78114

* Antennas
* Batteries
* Morse Code
* DX
* HF
* Homebrewing
* IBM PC's
* Novice/Tech Instruction
* Power Supplies
* QRP
* RFI
* Scouting

Terry Muncey WB5OAS

tsm@flash.net

Terry Muncey dba Radio Era Archives:

http://www.flash.net/~tsm/

Schematic information, service information and original replicas of operation manuals for most ham equipment are available. We have over 100,000 schematics already converted digitally for mailing or faxing as well as thousands of original operation manuals.

Bob Myers KC0EW

Hewlett-Packard Co.
Ft. Collins, CO

myers@fc.hp.com

Antennas, Novice/Tech instruction, batteries, power supplies, RFI, equip. testing/troubleshooting, FAQs, homebrewing. Basic theory questions also welcome.

My particular interest is in antennas and transmission lines, but I'm also more than willing to answer whatever I can in general radio theory, propagation, analog and digital electronics, etc.. (I'm a display engineer in "real life", have done my share of digital design, and have taught communication electronics at the local community college. I'm also active in some display and television standards activities.)

- N -

Scott Neader KA9FOX

neader@centuryinter.net

Contesters and DX'ers World-Wide Web Page:

http://www.qth.com/ka9fox/

(Featuring recent contest scores, summaries of discussion on most of
the contesting and DX-related mailing lists, and more.)

George Neeson VE3BDM, VA3DLR

ve3bdm@mulberry.com

AX.25: VE3BDM@VE3CDY.#EON.ON.CAN

Voice: +1 613 342-1940
Work: +1 613 498-1602
FAX: +1 613 342-8933

6 Glen Wood Place, Suite 105
Brockville, Ontario K6V 2T3
Canada

* ARES
* AMTOR/PACTOR/CLOVER
* Antennas
* Morse Code
* HF
* Homebrewing
* NTS
* Packet and Digital Networking

I am an NTS operator running an unattended digital (Express, Winlink
equivalent) digital system. I operate a hub station for Eastern Canada
Digital operations, including AMTOR, PACTOR, and CLOVER.

Fred Neff WC0A

fredneff@interl.net

Voice: +1 (319) 385-7458

1009 N. Lincoln
Mt. Pleasant, IA 52641
USA

* ARES/RACES/SKYWARN
* Contesting/DX
* CW
* IBM PC's
* Novice/Tech Instruction
* Volunteer Examiner

Lyndon Nerenberg VE7TCP, VE6BBM

lyndon@ve7tcp.ampr.org

I'm heavily involved in Internet Protocol (IP) networking over packet, as well as system administration of UNIX and UNIX-like operating systems (with an emphasis on networking, E-mail, etc.). My current concentration is on writing UNIX based tools (e.g. software for logging, antenna design, propagation analysis) that can be shared throughout the ham community.

I also maintain the ve7tcp.ampr.org server. This system hosts a variety of ham-radio related mailing lists as well as a comprehensive World-Wide Web site and FTP archive, and was one of the first Internet servers dedicated to ham radio. The system is also a hub site for the ampr.* newsgroups.

Information on the mailing lists offered can be had by sending an e-mail message to:

listserv@ve7tcp.ampr.org

containing (only) the word:

INFO

in the message body. The WWW server is located at the URL:

http://ve7tcp.ampr.org/

and the FTP server resides at:

ftp://ve7tcp.ampr.org/

Direct login access to the system is available to anyone holding a currently valid amateur radio license. The server provides a number of useful tools for the radio amateur, including satellite tracking software, CAD design software, SPICE, and other tools not generally available to people running on Microsoft Windows or Apple based PC's. (It runs 4.4BSD UNIX.) To obtain a login on the server, send a photocopy of your current amateur license, along with a SAE and IRC to:

Lyndon Nerenberg
1804 Juniper Street
Prince George, British Columbia
Canada V2L 1N7

Your login and password information will be mailed to the address listed on your license.

Maintainer of the Internet DX Mailing List

To subscribe, send an E-mail request to:

dx-REQUEST@ve7tcp.ampr.org

with the following line in the message body:

subscribe dx

David Newkirk WJ1Z

webmaster@arrl.org

American Radio Relay League (ARRL) Webmaster

The American Radio Relay League is pleased to announce the startup of ARRLWeb, your League's new HQ-based World-Wide Web site, at the URL

http://www.arrl.org/

ARRLWeb will serve as an essential Internet resource for active hams, carrying ARRL news, details on upcoming hamfests, conventions and Amateur Radio examinations, the ARRL Publications catalog, information of ARRL membership benefits and services, and more.

In inaugurating this new service, the League thanks Scott Ehrlich, WY1Z, and the other Boston Amateur Radio Club volunteers who've worked since December 1994 to keep ARRL up and coming on the Web via the ARRL home page they installed and maintained at oak.oakland.edu. Their volunteerism helped show us that upgrading our Internet connection to a level that allowed on-campus Web service would be essential to ARRL's mission of serving Amateur Radio.

Your comments, criticism and suggestions on how to make ARRLWeb bigger and better are *essential* to its ongoing success, so please drop by and say hello!

Bob Nielsen W6SWE

Bob Nielsen, W6SWE Internet: w6swe@tapr.org
Tucson, AZ AMPRnet: w6swe@w6swe.ampr.org
[44.124.12.16] AX.25: W6SWE@WB7TLS.AZ.USA.NA

Tuscon Amateur Packet Radio (TAPR)

I am no longer a TAPR officer, but try to help out with the TAPR file server and am the "official" contact person on the Internet and CompuServe (71540,2364).

To access the TAPR file server, send E-mail to:

file-request@tapr.org

To get the help file and a list of available files, send the following commands in the body of the message:

help
dir
quit

All mail sent to that address is not read by a human. Conversely, mail sent to tapr@tapr.org is read by a human who will be glad to take your orders or process membership applications, but cannot send you file server files.

- O -

Frank (Paco) Orcutt

radiophi@ix.netcom.com
forcutt944@gnn.com

Voice/FAX/Modem: +1 716 821-9559
Work: +1 716 556-0727

c/o RadioPhile Research
1036 Union Road, #320
West Seneca, NY 14224

* Antennas
* Antique and Older Equipment
* Direction Finding
* DX
* IBM PC's
* Internet Services
* RFI

Avid SW/MW DX'er for the last 30+ years

My main area of expertise is low-power (under 1 kW) Latin American Broadcasters, but I keep up-to-date on the current trends and events affecting broadcasters world-wide (i.e., I was recently asked about a station engineer who was working at ELBC in Monrovia, Liberia and was able to pass on information that the engineer was currently working in Gabon.) My other keen interest is Clandestine Broadcasters (not pirates).

Though intentional signal jamming isn't as much of a problem as it was during the "cold war," I co-authored a report titled "THE WOODPECKER PROJECT" which was presented at an ITU convention. I still use those skills now and then to DF CB'ers running illegal power, and your odd "bad-ham."

Dr. Barry L. Ornitz WA4VZQ

Eastman Chemical Company Research Laboratories
Process Instrumentation Research Laboratory
P. O. Box 1972, Building 167B

Kingsport, TN 37662 +1 423 229-4904
INTERNET: ornitz@emn.com

Part 15 Low-Power Broadcasting

Instrumentation

(my profession)

Chemistry advice related to Amateur Radio

(corrosion, plating, PCB etching, disposal of wastes such as transformer oil, solvents and etching solutions, contact cleaners, toxic chemical exposure, chemical safety, paint, dielectric plastics, etc.)

- P -

William D. (Dave) Paperman WQ5Y

wpaperman@juno.com
wpaperman@msmail.his.tch.tmc.edu

P.O. Box 7306
Cut 'n Shoot, TX 77303-0306
(H) +1 713 592-8636 (6pm to 9:30pm Central Time)
(W) +1 713 770-1836 (6:30am to 3:30pm Central Time)
(FAX/Modem) +1 713 593-2688

I have a collection of service information and literature dating back to the 1920's. I will be happy to assist those needing copies of out-of-copyright information for specific makes and models of receivers, transmitters, test equipment, etc..

The collection spans commercial, amateur, and military surplus gear of all types. Unfortunately I have not yet taken the time to catalog all this information (soon), but it is logically filed by make, model, etc.

If you need service information for a specific piece of equipment, (and I have the information in my collection) I will research and copy it for you. Cost will vary depending on the time required to find the information and the amount of pages to be copied. I estimate 10 pages or less at $1.00 US/page including US postage. I will quote on larger manuals. Note that I am not in the business of selling the manuals themselves.

This is NOT my career or a business. Any requests must be prepaid or I will ship COD at additional postage costs.

Other areas of expertise:

* ARES/RACES
* Novice/Tech Instruction
* RFI
* Volunteer Examiner Programs

Antenen Pascal HB9IIB

pantenen@worldcom.ch

Author, Swisslog Ham Radio Log Program

http://www.worldcom.ch/business/swisslog/swisslog.htm

Ian Pawson G8IQU

ipawson@cis.compulink.co.uk

British Amateur Television Club (BATC) World-Wide Web Page:

http://ourworld.compuserve.com/homepages/ipawson/

(Features information about the BATC and Amateur Television (ATV) in Britain in general.)

Bruce Perens AB6YM

perens@hams.com

Maintainer of Linux for Hams CDROM

What Is Linux for Hams?

Linux for Hams is a full-featured Linux system with special additions for Amateur Radio. The system includes all of the sophisticated software that one would expect on one of today's engineering workstations, along with software for packet radio communication, electronic design, printed-circuit manufacture, a database of FCC rules and license exams, a code-practice program, and other Amateur Radio applications.

The general-purpose software includes software for connecting to the Internet, compilers for the C and C++ languages, a full-featured typesetting system, a symbolic mathematics program, CDROM authoring tools, and many other programs. Unlike other Amateur Radio software collections, Linux for Hams is an integrated system. The programs are already compiled and configured to work together with the rest of the system.

Linux for Hams is being built by Bruce Perens AB6YM, with the help of several volunteers. Of course, it builds on the work of the thousands of volunteers who helped create Linux and the other programs it contains.

The system will be available for free if you download it using FTP. A low-cost CD will be available, for about $30 US.

Free CDROM Subscription for Volunteers

Most of the software in Linux for Hams is free software, contributed by its author for anyone to use. I would like to compensate those authors for their work. If you are the author of a significant piece of software included in Linux for Hams, please E-mail to Perens@Rahul.net. You may be be able to get a free CDROM subscription to Linux for Hams.

Bruce Perens AB6YM reserves the right to decide who gets free subscriptions, what is included in a free subscription, and for how long those subscriptions last.

For more information about Linux for Hams, check out the WWW page:

http://www.hams.com/perens/LinuxForHams

or send E-mail with the word "help" to:

info@hams.com

[Editor's Note: This project seems to be delayed as the result of schedule slippages with the Debian version of Linux. For more information about the status of the Debian Linux System, please contact David Engel at david@ods.com.]

Keith Petersen W8SDZ

w8sdz@simtel.net

General Manager of Simtel(TM) Software Repository:

http://www.simtel.net/simtel.net/
ftp://ftp.simtel.net/pub/simtelnet/

(Formerly wsmr-simtel20.army.mil)

(simtel.net is a service mark of Walnut Creek CDROM)

Announcements regarding uploads to Simtel of amateur-radio-related software are cross-posted to:

rec.radio.info

[Editor's Note: This outstanding archive collection, which incorporates much amateur-radio-related software, is listed here for completeness. However, as Keith gets about 200 E-mail messages a day, he strongly encourages self-sufficiency in the use of the archive. The above URL's contain several documents regarding how to download files from and upload files to this archive. There are also many other Elmers willing to answer beginning-level questions regarding accessing files via FTP and WWW. Consult the "INTERNET SERVICES" category in the Subject Quick-Search Index for a complete list.]

Randall (Randy) Phillips N2BQV

rlphillips@gnn.com

http://members.gnn.com/rlphillips/n2bqv.htm

4768 Syracuse Road
Cazenovia, NY 13035

* Licensed since 1967
* Primary interest is Amateur Television (ATV)
* Have repeater site on property with 158-foot tall tower and two repeaters

Member, Quarter Century Wireless Association (QCWA)

(see also Jim Walsh)

Ken Pulfer VE3PU

jkpulfer@rac.ca
jkpulfer@igs.net

Radio Amateurs of Canada (RAC) Treasurer and Webmaster

(RAC is Canada's national amateur radio society.)

RAC World-Wide Web Page:

http://www.rac.ca/

- Q -

- R -

James Redding KB7UIX

cracked@primenet.com
cracked@gwbbs.northeast.net
AX.25: KB7UIX@WB7TLS.AZ.USA.NOAM

http://www.primenet.com/~cracked/

Voice: +1 (520) 744-4559

Tucson, Arizona, USA

* Antennas
* Batteries
* IBM PC's
* Internet Services

* Novice/Tech Instruction
* Packet And Digital Networking
* Portable
* Repeaters
* VHF/UHF
* UNIX

I can help anyone who has questions about operating on repeaters, packet, or how to choose an antenna for the VHF or UHF bands. I'm also able to help with almost any IBM PC-related question or problem.

Terrence R. (Terry) Redding WB5LMJ

TRRedd@aol.com

P.O. Box 2868
Palm Beach, FL 33480-2868
(H) +1 407 659-6062
(W) +1 407 835-4446

PhD Candidate in Adult and Higher Education

Educational Advisor, American Radio Relay League

I am primarily an adult educator conducting research in self-directed learning. I have been involved in the following activities:

* Teach licensing classes, since 1974.
* Organize clubs, Stuttgart Amateur Radio Club, Panama Canal Astronomy Club, Lawton Astronomy Club.
* Public speaking and publish on growth in volunteer organizations, marketing adult and higher education and teaching amateur radio courses.
* Research in adult learning theory, adult motivation and organizational theory.
* Conducted a SAREX activity that involve seven communities, 21 schools and 3,000 children.

I am primarily interested in assisting amateur radio clubs grow.

Tony Reeves AB6GA

tony@toners.com

Prescott, AZ

* Novice training, local VE for Novice-Tech tests
* General questions

I also operate a 24-hour landline BBS for Ham and General Interest:

+1 520 445-8472

Ronaldo (Rony) Reis PS7AB

ps7ab@digi.com.br

Natal City, Brazil

Brazil Ham World-Wide Web Page:

http://www.digi.com.br/users/brazil/ps7ab.html

(Featuring a wide variety of information about amateur radio and
shortwave listening in Brazil.)

Peter Reynolds KE4ABD

Peter Reynolds (KE4BAD) E-mail: reynolds@stc.nato.int
Voice: +31 70-314-2410 FAX: +31 70-314-2111
Senior Scientist, Radio Branch, Communications Division
SHAPE Technical Centre, PO Box 174, 2501CD The Hague,
The Netherlands CompuServe: 100276,1340

I am very lucky in that I earn my living in radio communications, so
my expertise is fairly broad (but not focused on amateur techniques
only):

* Modulation types - FSK, PSK, MSK
* Error control - various types of ARQ and FEC systems
* RF - Antennas, HF propagation
* Networking - TCP/IP over HF
* Frequency bands: VLF, LF, HF, VHF, UHF, SHF

This is a very brief synopsis of the areas that I have dealt with over
the years. I always enjoy discussing and researching a communications
problem so if you don't see it listed above drop me a line anyway,
especially if you happen to be in Europe.

Barry Rose K7YYM

barry@indirect.com

Board Member, Arizona Repeater Association

Check out our Web page at:

http://www.indirect.com/www/ara/

Bill Roth N7RYW

n7ryw@teleport.com

AMSAT-NA Life Member #2109

I am the AMSAT coordinator for the Portland, Oregon area and I do a
lot of the "Elmering" in this area as well as steering people toward

others.

This would be for satellites only, as I am not doing HF anymore.

I am currently set up for all of the digital and analog satellites, all modes including AO-13 Mode S and weather sats.

I would be happy to assist people with getting started and beyond in all areas of satellite operations.

Henry Ruh KB9FO

atvq@aol.com

Amateur Television Quarterly (ATVQ) Magazine

The magazine's E-mail address and mine are the same: ATVQ. There is also a ham radio section for "manufacturers and dealers" on America On-Line in which we list Amateur Television Quarterly, as expert and manufacturer. That is where most of the Frequently-Asked Questions (FAQ's) come from.

Most FAQ's are answered in one of two books we published. ATV Secrets for Aspiring ATV'ers is a non technical book, and Volume II is a 300-page technical manual with theory and projects for all equipment necessary to operate an ATV station. Prices in US funds are $9.95 and $24.95 plus postage ($3.10). Most of your inquires can be answered by either of these two books.

I am also compiling a set of W6ORG Notes, a regular column in ATVQ, which answers many of the technical FAQ's on various equipment and operations. This will be available for $9.95 also.

I can try to answer questions on here, and frequently do, but time is expensive and limited!

John Rymell N3PFF

ryme@husky.bloomu.edu
Bloomsburg University
Bloomsburg, PA

Over 25 years in electronic/computer service work. Enjoy designing, building and operating vacuum tube and solid state equipment. Experienced in wire antenna and tuners, SWL, and Amateur Radio. Have real enthusiasm for building just about anything from next to nothing (:^)! Glad to help those in need.

(Continued in next part.)

-----BEGIN PGP SIGNATURE-----
Version: 2.6.2

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4566. Amateur Radio: Elmers Resource Directory [S-Z]

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: pschleck@novia.net
Message-ID: <radio/ham-radio/elmers/list/part4-1-844675911@novia.net>
Source record: 215406
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

Posted-By: auto-faq 3.3 beta (Perl 5.003)
Archive-name: radio/ham-radio/elmers/list/part4
Posting-Frequency: posted on the first Monday of each month
URL: http://www.novia.net/~pschleck/elmers/

-----BEGIN PGP SIGNED MESSAGE-----

(Continued from previous part.)

- S -

Bob Salnick WA9BVE

Bob Salnick, Spokane,WA | UUCP: oliveb!isc-br!tau-ceti!DejaVu!salnick
Amiga 1000, WB 1.3 | INTERNET: salnick@DejaVu.spk.wa.us
WA9BVE |

I can help people with HF stuff, cheap antennas, and am willing to
help troubleshoot problems with rigs.

I believe that one of the pillars of ham radio - construction/
understanding at the burn-your-hand-with-a-soldering-iron level - is
drifting out of ham radio. With Japanese radios which cost so much,
fewer and fewer hams are willing to risk their warranty to service
their own equipment. I would like to see a turn-around here...

Mark Salyzyn VE6MGS

mark@ve6mgs.ampr.ab.ca

* Qualifications:
+ Repair Technician
+ Electrical Engineer (14+ years)
+ Advanced Amateur (Canadian) since 1988
* Advice of value:
+ HF + VHF construction, homebrew, repair, circuitry,
programming and mods
+ Operating Mobile
+ Packet Radio (Radio, TNC, AX.25, TCP/IP, UNIX NeXTSTEP)
+ NTS (Former Net Control for 80m CW Alberta Traffic Net for 3
1/2 years)
+ Canadian Tests, Rules and Regulations (At least I can do some
legwork if I don't know the answers.)

+ Antennas, Design and Installation
+ General Electronics, Repair, Diagnosis and Design
+ CW training
+ Having fun with Amateur Radio communications

Past Maintainer of Radio Amateurs on Usenet E-mail address directory

(still am an interested contact for this resource, though)

Experimental Search Front-End:

* http://www.acs.ncsu.edu/HamRadio/UsenetList.html

Please direct all Radio Amateurs on Usenet E-mail address feedback,
submissions, and administrivia to hamlist@esi.com.au or
hams-on-usenet@ve6mgs.ampr.ab.ca.

Raymond Sarrio WB6SIV

wb6siv@cyberg8t.com

Advice on Antennas, Equipment, and the Internet

Qualifications:

* Licensed since 1966
* Extra Class
* WWW Webmaster
* CW/HF Operator
* Creator of the When All Else Fails--Amateur Radio Shirt

Owner of a Full-Purpose Ham Radio World-Wide Web Site:

(The Raymond Sarrio Co.)

http://www.sarrio.com/

Please direct any feedback, submissions, or administrivia regarding
these resources to my E-mail address above.

Nick Sayer N6QQQ

Nick Sayer <nsayer@quack.kfu.com> | "I don't mind shooting, so long
N6QQQ @ N0ARY.#NOCAL.CA.USA.NOAM | as the right people get shot."
+1 408 249 9630, log in as 'guest' |
URL: http://www.kfu.com/~nsayer/ | -- "Dirty" Harry Calahan

* HF RTTY/AMTOR, Decoding CHU
* VHF Packet
* Unix, especially SunOS
* Network Time Protocol (NTP)
* Class-C Bipolar Amplifier Design
* Phased-Lock-Loop (PLL) Theory (except for loop filters)

Maintainer of the FCC-Approved(*) PostScript(tm) Form 610:

ftp://ftp.kfu.com/pub/FCC-610/

(*) To be completely official, the FCC recommends that it be printed on standard-weight, buff-colored paper form stock.

Paul W. Schleck KD3FU

pschleck@novia.net

(finger pschleck@novia.net for PGP Public Key)

http://www.novia.net/~pschleck/

Internet Services (Finding FAQ's, using Usenet, FTP, telnet, Archie, FTP mail-servers, mailing lists, etc., etc.)

Club Activities, Examinations, and other events in the Omaha/ Lincoln/Council Bluffs (Eastern Nebraska/Western Iowa) area.

Also willing to provide newsreader kill/select file help to anyone interested in customizing their presentation of the rec.radio.* newsgroups

I would be particularly interested in mentoring/training new FAQ/Info maintainers for the rec.radio.* newsgroups (see also Jack Hill and John Seney for FAQ maintenance opportunities and the rec.radio.amateur.* Working Group mailing list). To paraphrase Zack Lau, I can't post it all myself!

I have taken over maintenance of the Perl-based auto-faq FAQ management and posting package from Ian Kluft and would be happy to guide new FAQ authors in its use. The latest version, 3.2pl2, is available via anonymous FTP from:

ftp://ftp.novia.net/customers/pschleck/auto-faq/

The auto-faq-users mailing list has also been re-sited at Novia. To subscribe, send E-mail to auto-faq-users-request@novia.net

with:

subscribe auto-faq-users

in the message body. An acknowledgement message will follow shortly. To unsubscribe, replace the above command with:

unsubscribe auto-faq-users

Recently I undertook some academic research into packet radio using KA9Q's Multiple-Access/Collision Avoidance (MACA) link-layer protocol. I attempted a literature survey as well as some software simulations of the protocol (with varying degrees of success). I would welcome any opportunities to improve on my work, find out about any actual MACA implementations, share information, and build on my bibliography

(available on request). More information about MACA may be obtained from:

ftp://ftp.ucsd.edu/hamradio/packet/arrlcnc/1990/

College Clubs

Maintainer of this list

Please direct all Elmers List submissions, feedback, and administrivia to elmers-request@novia.net.

Tony Schliesser N8XJA

aschlies@newwave.net

http://www.newwave.net/~aschlies/

(Check my home page above to find out the current status of projects, etc.)

+1 304 727-5707

1011 Green Valley Drive
St. Albans, WV 25177

* Mobile
* Packet and Digital Networking
* Repeaters
* Skywarn
* UNIX
* VHF

Barry Schwartz N2SHP

godzilla@panix.com

New York City ARES Emergency Coordinator for Operations

NYC ARES World-Wide Web Home Page:

http://www.panix.com/clay/nyc-ares/

Tom Sefranek WA1RHP

tcs@cmcorp.com

http://hamradio.cmcorp.com/inventory/sefranek.html

112 Great Rd.
Shirley, MA 01464
+1 508 425-6672

ARRL & W5YI VE, ARRL TS, ARRL Instructor/Elmer

* Amplifiers
* Antennas/Transmission lines
* Battery/Solar Operation
* Homebrewing/Do-it-Yourself
* Mobile Operation
* Power supplies
* Repeater Building/Maintaining
* RFI Consultant

I prefer E-Mail to answer questions, etc.
but feel free to call if you like.

John D. Seney WD1V

John D. Seney |_|_|_|_| john@wd1v.mv.com
144 Pepperidge Dr |_| |_| page 5956779@skymail.com
Manchester, NH 03103-6150 |_|_ _|_| AX.25: WD1V@WB1DSW.NH.USA.NOAM
voice mail +1 (603) 533-3472 | | | | | fax +1 (603) 627-1623

Free Macintosh Amateur Radio Test Simulators

Available under:

* ftp://ftp.barc.org/pub/hamradio/mac/theory-and-morse/
* http://www.mv.com/ipusers/wd1v/

Macnet Macintosh Amateur Radio Software Distribution

Mac Computers + Hams + Radios = Macnet Software

Available under:

* ftp://ftp.barc.org/pub/hamradio/mac/
* http://www.mv.com/ipusers/wd1v

or via First Class Mail on 10 New Disks for just $30.00 US

(Each Stuffed with the Latest Self Extracting Public Domain or
Freeware Versions - 800k Disks)

Macnet Index by Disk:

1. Logs + Demos
2. DX + Contest
3. Education + Remote Control
4. Astronomy + FAX
5. Packet Terminals
6. Net/Mac TCP/IP + FAQ
7. Novice Test (or the Ham Test of Your Choice)
8. Satellite Trackers + Dove
9. C/C++ Programming Tutors
10. Macnet Roster ("Whos Who" of Hams w/ Macs)

Send Check or Money Order - Outside USA Send $40.00 US
All Orders Shipped within 48 Hours

Maintainer of rec.radio.amateur.misc FAQ

(Formerly maintained by Diana Syriac, KC1SP, and Ian Kluft, KO6YQ.)

Available from:

http://www.mv.com/ipusers/wd1v/hamradio.faq.html

(The majority of the original content of the FAQ remains the same, but
now it's a hypertext document with hundreds of links to radio-related
sites and is a significant resource to all students of amateur radio -
regardless of their license status.)

Maintainer of Digital Storage Scope FAQ

Available from:

http://www.mv.com/ipusers/wd1v/dsofaq.html

or write me at my E-mail address above with:

subscribe scope.faq

in the Subject.

Maintainer of Macintosh Amateur Radio Software List

(Formerly maintained by Patty Winter, N6BIS and Terry Stader, KA8SCP.)

http://www.mv.com/ipusers/wd1v/page5.html

Please direct any submissions, feedback, or administrivia regarding
these services to my E-mail address above.

Jimmie B. Shelton KT4FQ

jshelton@sprynet.com
n5laejs@aol.com

Voice: +1 615 431-7573
Modem: +1 615 431-4081

2329 Pendleton Dr.
Clarksville, TN 37042

* Antennas
* Field Day

Philip A. Shelton N6DZH

pas@west.net

Voice (Work): +1 805 569-0110
FAX/Modem: +1 805 682-0119

2654 State Street #33
Santa Barbara, CA 93105

* Antennas
* ARES/RACES
* Morse Code
* QRP
* Volunteer Examiner

Mike Silva KK6GM

mjsilva@ix.netcom.com

Stuff I know:

* Antennas
* Circuitry (analog, digital, RF, tubes, semiconductors)
* Construction
* CW
* Operation (HF, VHF/UHF)
* Finding Parts

Don Simpson KO4TA

ko4ta@mindspring.com

Net Control, Best of 75 Net

Meets every Saturday evening at 1930 Eastern Time at 3.975 MHz (75 Meter HF Amateur Radio). Guests via the KO4TA phone patch usually arrive about 2100 Eastern Time.

The purpose of this net is to bring the Amateur Celebrity to the Amateur for an opportunity to ask and answer questions. Past guests have included Barry Goldwater, Wayne Green, Hap Holley, Fred Maia, and Bill Pasternak.

The 3.975 MHz frequency is also home of the Friday Night Trader's Net at 1930 EST as well as good-natured discussion in general almost any other time.

World-Wide Web Home page of the "Best of 75 Net":

http://www.mindspring.com/~ko4ta/bestofnet.html

Security/Fire Systems Home Page:

http://www.mindspring.com/~ko4ta/alarm.html

Rein Smit W6/PA0ZN

rein0zn@ix.netcom.com

Earth-Moon-Earth (EME) and Search for Extraterrestrial Intelligence (SETI)
World-Wide Web Page:

http://www.nitehawk.com/rasmit/

John Harvey Smith KE4KTO, AFA2MJ

ke4kto@earthlink.net

Voice: +1 (910) 674-0452
Work: +1 (910) 668-4410 ext 3307

5403 Forest Oaks Drive
Greensboro, NC 27406-8317

* Antennas
* ARES
* IBM PC's
* Internet Services
* USAF MARS
* Mobile/Portable
* Novice/Tech Instruction
* Packet And Digital Networking
* Repeaters
* SKYWARN
* VHF/UHF

I have considerable expertise in building and maintaining personal
computers (PC's) as well as several years of experience in ARES,
SKYWARN, and USAF MARS. I have also built my own antennas.

Bill Sohl K2UNK

billsohl@planet.net

+1 201 691-8116

Budd Lake, New Jersey

ARRL Local Government Liaison

Other areas of expertise:

* Apple Macintosh
* Batteries
* Internet Services
* Scouting (Radio Merit Badge Counselor)
* Seminars/Lectures
* VHF
* Zoning Ordinances Related to Antenna Towers

Keith Sproul WU2Z

Keith Sproul Ham Radio: WU2Z
Student Housing Network Coordinator ksproul@noc.rutgers.edu
Rutgers University Computing Service +1 908 445-3695 Work +1 908 445-2968 Fax
http://www-ns.rutgers.edu/~ksproul +1 908 821-4828 Home

North Brunswick, New Jersey

Automated Position Reporting System (APRS)

(See also Mark Sproul)

Mark Sproul KB2ICI

sproul@ap.org

North Brunswick, New Jersey

Automated Position Reporting System (APRS) World-Wide Web Page:

http://aprs.rutgers.edu/APRS/

Terry Stader KA8SCP/1

America Online Ham Radio Club Host

* tstader@aol.com (files/messages less than 27K)

* KA8SCP@WA1PHY.#EMA.MA.USA.NOAM _or_
* ka8scp@ka8scp.ampr.org [44.56.4.82]

* registered ARRL Instructor (teaching for the last 6 years
Novice/Tech classes with an 87% pass rate)
* Host (Forum Manager) of the America Online Ham Radio Club Forum
* President for 6 consecutive years of an ARRL Special Service Club
(The Police Amateur Radio Team of Westford, MA - WB1GOF)
* ARRL Eastern Massachusetts Assistant Section Manager and District
Emergency Coordinator
* Area 1 Communications Officer for the Massachusetts Emergency
Management Agency (formerly Mass. Civil Defense Agency)
* Expertise with Apple // and Macintosh computers. (I have over 80
MB of Mac ham radio software available.) and ham-related
* Operate TCP/IP with Macintosh
* plus all around source of information about communications

Massachusetts Emergency Management Agency World-Wide Web Page:

http://www.magnet.state.ma.us/mema/

The Macintosh Amateur Radio Software List is now maintained by John
Seney. See his entry for more information.

Bill Standerfer KF0DJ

Bill Standerfer * Hewlett-Packard Company
CFI-A, IA, ME * VXI Systems Division
bills@lvld.hp.com * Loveland, CO 80539
Baron N222AB - KF0DJ - Pikes Peak 253 * +1 303 679-2378

I'm certainly willing to be an Elmer if there's a need. I hope I've
learned a few things since 1966 when I first went on the air. :-)
Here's a list of subjects I might be able to help with:

* Combining amateur radio and flying
* Antennas
* Civil Air Patrol
* General Operating Practices
* Older (Tube) Equipment
* Test Equipment and Measurements

Rene Stiegler N4LET

msgctr@world.std.com

Manager, Maritime Mobile Service Net (MMSN)

MMSN World-Wide Web Home Page:

http://www.maf.mobile.al.us/~mmsn/

Jeff Stillinger KB6IBB

- ---
Jeff Stillinger - KB6IBB js@ibbs.av.org
PSC Box 3429 js@red-eft.la.ca.us
Edwards AFB, CA 93524 +1 805 258 7303 8N1
Flight Test Center, crashing aircraft so you don't have too.
- ---

http://red-agnes.la.ca.us/~js/

For hams that are interested and live in my area, they are welcome to
login to IBBS. IBBS is a full-time Unix-based computer that is
dedicated to ham radio. I carry a full rec.radio.* news feed and
E-mail. There will never be a fee for anything.

Over the past 10 years I have operated from 160 M - 23 CM and would be
willing to answer any question a new person to the hobby has. If I
don't know the answer, well, NASA is only two blocks away. :-) I live
and work here at Edwards Air Force Base, CA. I am also very active in
SAREX.

Dave Stine WA2JTA/6

dstine@cisco.com

My areas of expertise are:

* vacuum tube amps, receivers, exciters
* CW operating tips
* wire antenna tips, hints & kinks

David Stockton GM4ZNX

dstock@hpsqf.sqf.hp.com

* SWL since 1960
* Licensed since 1984 (UK full class A)
* Degrees in electronics&comms and digital techniques etc.
* Currently senior design engineer doing RF design
* Fairly broad interest in amateur radio (but not contests!)
* Antennas, Transmission lines,filters from fundamental theory to
practice
* Receiver structures and circuits from simple to state of the art.
* Transmitters, ATUs
* Test equipment
* Wide experience of troubleshooting/repairing equipment.
* Professional experience of EMC/RFI
* QRP
* UK Operation and Licensing
* My morse is flaky, but I keep working on it
* No interest in contests
* No interest in packet radio or in fixing computers

Just wrote the new oscillator and synthesiser chapter for the 1995
ARRL Handbook. Also co-developed (with G3ROO) a robust phase-locked
summing loop circuit to replace the common mixer-filter LO frequency
adder. A technical article describing the project was recently
published in RADCOM.

C. E. (Chuck) Strobel K6PBT

cestro@pinsight.com

Maintainer of the K6PBT Dealer Directory:

(For the Ham Radio/SWL/Electronics Enthusiast)

DealerLinks: http://www.pinsight.com/~cestro/pcdlinks.html
DealerEmail: http://www.pinsight.com/~cestro/pcdemail.html

Please direct any feedback, submissions, or administrivia regarding
these resources to my E-mail address above.

Phil Sussman KB8LUJ

pactor@dnaco.net

Publisher of PACTOR News:

http://www.dnaco.net/~pactor/

(Also contains links to other PACTOR-related sites)

Speaker and Host of PACTOR Forum at Dayton Hamvention

- T -

Roger H. Taylor K9ALD

Roger H. Taylor, PE rtaylor@ux1.cso.uiuc.edu
1106 Rayburn Ct. K9ALD AFA3WG
Mahomet, IL 61853 Outdoor writer (Fishing)
+1 217 586-4958 Skamania Reign Supreme!
Manager, Network systems, OIM, University of Illinois

Help on antennas, Air Force MARS, components, Tube circuits, linear amplifiers, troubleshooting, Internet questions and software

Author of 1995 ARRL Handbook, Chapter 5 on Direct Current (DC)

Illinois Fishing Page at:

http://www.cba.uiuc.edu/~rtaylor/fish/fish.htm

Pierre Thomson KA2QPG

mmommsen@mhv.net

Interests:

* Operate mostly HF, mostly CW
* HF wire antennas
* LF/MF radiobeacon DXing
* VHF & UHF FM commercial experience
* Telephone RFI and lightning protection

Patrick Tice WA0TDA

handiham@mtn.org

Voice: +1 612 520-0511
FAX: +1 612 520-0577

Manager, Courage HANDI-HAM System

I have information pertaining to Amateur Radio and physical disabilities or sensory impairments, such as blindness.

Visit us on the World-Wide Web:

http://www.mtn.org/handiham/

Bob Tidd KJ6CS

inp@violet.berkeley.edu

Computerized DXCC databases and query software (written in BSD-Unix compatible C) available on request. Would welcome ports to IBM-PC or Macintosh.

Markku Toijala OH2BQZ

mto@spider.compart.fi

Finnish Amateur Radio League (SRAL) World-Wide Web Page:

http://www.sral.fi/

Please direct all submissions, feedback, and administrivia regarding SRAL and its WWW page to hq@sral.fi.

Michael Tracy KC1SX

Michael Tracy, KC1SX | mtracy@arrl.org
American Radio Relay League | tis@arrl.org
225 Main St. |
Newington, CT 06111 |
+1 860 594-0200 - voice
+1 860 594-0259 - FAX

ARRL Technical Information Service Coordinator (tis@arrl.org)

ARRL E-Mail Information Server SysOp (info@arrl.org)

The ARRL Technical Information Service (TIS) is a valuable membership benefit that helps hams find answers to difficult technical questions.

The answer to a ham's most common technical questions can be found in one of the many books about Amateur Radio. Folks who call or write to ARRL TIS staff are often referred to one of these books or to a past magazine article.

However, most hams find that the fastest way to get the answer is to do their own research. Publication catalogs often talk about what kinds of information are available in different books. A few good books will answer the vast majority of questions as well as enhance a ham's knowledge and enjoyment of this fascinating hobby.

Magazines are also a superb technical reference. An annual index of articles appears in the December issue of QST and other magazines. These indexes will usually have an article or two (or six) about a particular topic. If an older QST or QEX article is not available

locally, the ARRL Technical Department Secretary can provide a copy for a small fee. Back issues are also available from the QST Circulation Department.

The ARRL Technical Information Service is a valuable source of information and research for questions that cannot be answered by other means. ARRL TIS has information packages and bibliographies that are available on request to answer most technical questions.

For those who want to know if something has been previously published on a particular subject, TIS can also assist with research to locate this information. TIS also helps locate companies that sell hard to find parts or supplies used in our hobby.

Many amateur radio informational documents are also available from the ARRL E-Mail Information Server (or Info-Server for short). To find out how to use the Info-Server, send E-mail to info@arrl.org with any subject (it is ignored) and the following text in the body of the message:

HELP
QUIT

See Cheyenne Greatorex's entry for information about the ARRL Anonymous FTP Archive and David Newkirk's entry for information about the ARRL World-Wide Web Home Page.

Dr. Len Traubman (DDS) W6HJK

ltraubman@igc.apc.org

http://www.igc.org/traubman/

Russian Phrases for Amateur Radio:

http://www.igc.org/traubman/russian.htm

This 20-page syllabus was compiled during the Cold War by W6HJK to help amateurs better communicate with their Soviet colleagues. A 90-minute audio cassette has been added to help with pronunciation. You need not be an expert in Russian, only interested in "trying."

The booklet provides (1) English words and phrases for QSOs, accompanied by (2) the Russian translation and (3) the English transliteration, to assist you in pronouncing the Russian.

The syllabus follows the natural sequence of a QSO. There are additional sections on the Russian alphabet, phonetics, CW characters, numerals, and given women's and men's names. Suggestions are made for addressing mail to the former Soviet Union.

The author undertook this project out of a personal interest in improving the quality of his QSOs with Soviet hams and to enhance USA-USSR relations. A nominal cost of $6 US ($8 US international) for the

booklet, and $6 US ($8 US international) for the audio cassette, are payable to the Foundation for Global Community (formerly Beyond War), the original original sponsor of this educational endeavor to build global dialogue and cooperation.

Requests should be sent to:

RUSSIAN PHRASES FOR AMATEUR RADIO
Len Traubman, W6HJK
1448 Cedarwood Drive
San Mateo, California 94403
USA

Voice: +1 (415) 574-8303
FAX: +1 (415) 573-1217

[Editor's Note: It is my intention to keep the Elmers List as comprehensive and useful as possible, representing a broad spectrum of amateur radio activities. To that end, I have tried to make only very minimal content judgements, if at all. Though this organization seems to serve larger political and propaganda goals that I personally may not agree with, I think the amateur-radio-related content, and the useful product being offered, is redeeming enough to include here. As always, criticisms regarding any Elmer's entry may be directed to the Elmer him/herself.]

Clark Savage Turner WA3JPG

Clark Savage Turner, Graduate Student Researcher
turner@safety.ics.uci.edu
Safety Critical Software Group home:
Department of Info. and Computer Science 1514 Verano Place
Irvine, CA 92717 Irvine, CA 92715
+1 714 856 4049 +1 714 856 2131

WA3JPG, QRP #3526
HHH WAS #489

Admitted to practice law in California, Massachusetts, and New York.

ARRL Volunteer Counsel

I would be happy to be an Elmer (have been doing it by default) in the area of older HF gear, especially QRP operation with Ten Tec Argonauts (and Power Mites, etc.). Also have experience with other 10-20 year-old economy HF rigs, particularly the Kenwood TS-520.

Paul Turvey G1PJJ

Paul Turvey, G1PJJ | Internet: paul@topsy.demon.co.uk
| Amprnet: paul@g1pjj.ampr.org
| AX25: G1PJJ@GB7ZAA.#34.GBR.EU

Maintainer of the uk.radio.amateur FAQ

Available from:

http://www.topsy.demon.co.uk/radio-amateur/faq.html

Please direct all FAQ submissions, feedback, and administrivia to
ukfaq@topsy.demon.co.uk.

Dr. Simon Twigger AA9PW, G1SNT

- ---
Dr. Simon Twigger Tel: +1 414 456-8485
Medical College of Wisconsin Fax: +1 414 266-8497
8701, Watertown Plank Road Email: simont@post.its.mcw.edu
Milwaukee, WI 53213
WWW: http://www.biochem.mcw.edu/Postdocs/Simon/index.html

"Why don't you just make 10 louder?"
(Spinal Tap)
- ---

Having recently discovered the joys of Perl and CGI on the WWW, I
decided to get into the swing of it by coding a WWW page where one can
take practice Amateur Radio Exams. The page is now complete and has
all five examinations along with figures (including Extra).

The results are displayed question-by-question and then broken down by
subelement so that you can see which areas need extra study.

I am also saving the results from each examination taken so that one
can get some idea of the relative success rate for each Exam and
subelement. This may provide some interesting information as time goes
by.

The page can be found at:

http://www.biochem.mcw.edu/Postdocs/Simon/radio/exam.html

I _think_ it should all work as expected but I welcome any reports of
bugs and/or suggestions!

I hope this is of use to people interested in upgrading.

PS: If the page is slow, or not to your liking, try Ham Exam at:

http://w5ac.tamu.edu/ham-exam.html

- U -

- V -

Johnathan Vail N1DXG

PrePRESS Johnathan Vail vail@prepress.pps.com +1 508 262-8354
- ---------+ 900 Middlesex Turnpike Billerica, Massachusetts 01821
solutions MEMBER: League for Programming Freedom (league@prep.ai.mit.edu)

Amateur TCP/IP

TAPR/9600 modem

(putting some stuff together for a local repeater)

David P. van De Kerk KE6GXD

David P. van De Kerk Manager, Systems Integration
American Turnkey Santa Ana, CA USA
+1 714 557-9050 x-207 voice +1 714 557-9056 FAX davev@atkc.com
==========
This message does not constitute any official or unofficial statement or
policy of American Turnkey or any other organization, corporation or
institution.

I just upgraded to Advanced, and am now working on Extra. Was first
licensed about ten months ago.

What I've learned:

1. How to operate HF from your apartment without being evicted
2. How to pass tests, both written and code
3. How to make a virtue out of the necessity of your limited
equipment, and enjoy the process while doing it

I operate CW HF exclusively. The only time I get to operate is when
the baby is asleep, so the XYL demands silent running. Besides, with
my wimpy wire, there is little point in trying to run voice.

Frank E. van Vliet PA3FAQ

vanvliet@dutette.et.tudelft.nl

I am willing to answer questions about:

* FILTERS
+ integrated
+ distributed
+ lumped
+ active
+ etc.
* MICROWAVES
+ designing power amplifiers
+ low noise amplifiers
+ mixers
+ etc.

(E-Mail questions are preferred)

Frank E. van Vliet :-)
Delft University of Technology
Faculty of Electrical Engineering
Postbus 5031
2600 GA DELFT
The Netherlands

Peter Vekinis KC1QF, EI4GV, SV0GV

peter.vekinis@dg3.cec.be

http://www.ellada.com/ham/kc1qf.html

Picosat System World-Wide Web Page:

http://www.cordis.lu/esprit/src/picosat.htm

(The Picosat System will consist of a constellation of very tiny, 15 cm cube, low-earth-orbit amateur satellites accessible by low-power handheld VHF radios.)

Charles R. (Chip) Veres WB4OQN

veresc@mail.firn.edu

+1 305 989-4329 (don't be put off by the answering machine)

Miami, FL

I have been active in amateur and commercial radio for the last 26 years I have worked on AM, FM, CW, and SSB sets from longwave through 12 GHz. I have also built TV stations for UHF and the 2.5 GHz ITFS band.

I am particularly interested in finding others to learn from my experiences. I am available by net or in person.

- W -

Jim Walsh W7LVN

jwalsh@efn.org

Quarter Century Wireless Association, Inc. (QCWA), headquartered in Eugene, OR, is pleased to announce the QCWA World-Wide Web Home Page, available by either text or graphics browser at:

http://www.efn.org/~qcwa/

Membership in QCWA, a not-for-profit 501(c)(3) corporation, is open to any radio amateur licensed today AND also licensed 25 years or more ago (there is NO REQUIREMENT for continuous licensing over this time period -- if you received your first ham license on or before January

1, 1970, you're now eligible). Included on the Web page are:

* Photos, biographies, addresses and phone numbers of QCWA 1995-1996 Officers and Directors
* Database of local Chapters (nearly 200, worldwide), including name, address, and callsign of Chapter Secretary
* Listing of on-the-air Chapter meetings
* Details of upcoming National Convention -- with photos, as soon as we receive them
* A few words about the quarterly QCWA Journal (we hope soon to have excerpts from Editor Barry Wiseman's new, improved Journal available to you on the Web)
* Rules and schedule for QCWA Phone and CW QSO Parties
* QCWA Memorial Scholarship Program
* Criteria for and recent winners of QCWA Awards
* A Photo Tour of QCWA Headquarters and W2MM/7 memorial station (soon to display a spiffy new IC-738 . . . THANK YOU, ICOM!)
* Links to other interesting ham-related Web sites

Please visit QCWA on the Web . . . and take a moment to E-mail me with your comments, corrections, and suggestions at my E-mail address above. If you administer a ham-related Web site, QCWA would appreciate a Link from your page. We're 12,000-strong -- worldwide -- and growing! Come join us!

Dennis 'Deni' Watters WB0TAX

deni@dwatt.com
AX.25: WB0TAX@WB0TAX.#SHRV.LA.USA.NOAM
wb0tax@kb4cpw.ampr.org

http://www.dwatt.com/

Voice: +1 (318) 747-2823
Work: +1 (318) 456-3750
FAX: +1 (318) 747-2689

The Dun Muvn Farm
279 Ranchtown Road
Elm Grove, LA 71051
USA

* BBS's
* CW
* IBM PC's
* Internet Services
* Packet and Digital Networking
* Seminars/Lectures

John Wendt WA6BFH

wireless@cyberg8t.com

Founder, Tech Bench Elmers Amateur Radio Society

(Devoted to homebrewing and technical amateur radio in general)

(See also Mike Bridges.)

Paul Whatton G4DCV

pwhatton@surrart.ac.uk

Manager, Amiga Amateur Radio User Group (AARUG)

AARUG World-Wide Web Page:

http://homepages.enterprise.net/pwhatton/

Bob Wier

-- Round Up the Usual Disclaimers! --
Bob Wier, CS Dept., East Texas State University
wier@bobcat.etsu.edu - keeper of the
Motorola MC68HC11, Photo-3D, SD3D,
Icom Radio and Overland Trails mailing lists

The HC11 mailing list also encompasses discussion about the HC16 and
683XX series of micro-controllers.

The ICOM list is for not only Ham, but SWL, Scanning, and Global
Positioning System (GPS) equipment as well.

Subscription requests for any of these can be sent to

listserv@bobcat.etsu.edu

with the body of the message as:

subscribe list-name <your full name>

for example

subscribe Icom Wyle E. Coyote

Bob Wilkins N6FRI

Bob Wilkins N6FRI work bwilkins@cave.org
Berkeley, California home rwilkins@ccnet.com
94701-0710 ax.25 N6FRI@N6EEG.#NOCAL.CA.USA.NOAM

Repeaters

UHF Propagation

California Amateur VHF Enthusiasts (CAVE) World-Wide Web Page:

http://www.ccnet.com/~rwilkins/

Lou Williams KE4ARM

Lou Williams (Lou_Williams@ncsu.edu) | aka: KE4ARM
Unix Systems Programmer | Phone: +1 919 515-2794
NCSU Administrative Computing Services | FAX: +1 919 515-3787

Personal URL: http://www.acs.ncsu.edu/~nsyslaw/

Maintainer of the Amateur Radio Web Server:

http://www.acs.ncsu.edu/HamRadio/

Please direct all submissions, feedback, and administrivia to my
E-mail address above.

Gene Williamson K7DBV

genewill@efn.org

Quarter Century Wireless Association

(see also Jim Walsh)

Paul Williamson KB5MU

kb5mu@amsat.org

I'm not the author of InstantTrack itself, but I was extensively involved in its testing. I'm the author of OrbitDRV (the tracking TSR that comes with InstantTrack) and a number of other InstantTrack auxiliary programs.

AMSAT-NA (the Radio Amateur Satellite Corporation in North America) operates the Internet host AMSAT.ORG to provide for efficient communications between people interested in the amateur satellite program. At this time two services are provided: a message remailing service and a mailing list service.

In addition, the AMSAT World-Wide Web home page provides interactive access to a variety of information related to the amateur radio satellite program. Use your Web browser program (e.g., Mosaic) to access the URL:

http://www.amsat.org/

Anonymous FTP is available from:

ftp://ftp.amsat.org/amsat/

This archive contains much of the same information as the WWW server. In addition, various files and programs are available for anonymous FTP. This is a relatively new archive, so the older FTP site:

ftp://ftp.ucsd.edu/hamradio/

still has lots of files not available there.

The message remailing service permits users to send each other mail on the Internet without keeping track of each other's Internet address. The remailing service allows each user to receive mail sent to the address callsign@amsat.org, where callsign is that user's amateur radio callsign, or other unique identifier. Mail sent to that address will be routed first to the AMSAT.ORG host at UCSD in San Diego, then remailed from AMSAT.ORG to the network address specified by the user. In most cases, this process delays the message by only a very few minutes. The mailing list service groups subscribers into mailing lists to receive certain types of messages. There are public mailing lists available to anyone, and private mailing lists available only to certain people (for example, AMSAT Board of Directors members or PACSAT command stations). Currently the following public mailing lists exist:

ANS - AMSAT News Service

This mailing list carries official news releases from the AMSAT News Service. These messages are posted in a form suitable for direct posting to a packet radio BBS system. Each message contains a Bulletin Identifier (BID), which permits the message to be introduced into the packet network at many places without resulting in duplicate bulletins at any BBS. The primary purpose of this mailing list is to distribute ANS bulletins for redistribution (via the packet net or on AMSAT voice nets), but individuals may also subscribe for their own use. If your local packet BBS doesn't seem to get the ANS bulletins reliably, you are encouraged to post the ANS bulletins yourself.

Only authorized AMSAT News Service personnel should send messages to the ANS mailing list.

AMSAT-BB - AMSAT bulletin board

This mailing list carries general AMSAT information. This information may NOT be suitable in content for transmission via amateur radio, so automatic reposting of AMSAT-BB messages to packet radio BBS's is discouraged. The purpose of this mailing list is to provide a forum for general discussion of any satellite-related topic.

Anyone may send messages to the AMSAT-BB mailing list. Simply address your message to amsat-bb@amsat.org, and it will be automatically forwarded to all subscribers to the AMSAT-BB mailing list.

Editors of publications should ask permission of the sender before publishing anything seen in AMSAT-BB elsewhere, unless the posting was obviously a public press release. However, posters should realize that anything posted to AMSAT-BB is essentially public.

KEPS - Keplerian Elements mailing list

This mailing list carries official postings of Keplerian element sets for satellites of interest to radio amateurs. Like the ANS bulletins, these messages are posted in a form suitable for direct posting to a packet radio BBS.

Only authorized AMSAT News Service personnel should send messages to the KEPS mailing list.

NASAINFO - NASA related information mailing list

This mailing list contains information about current and planned NASA space missions. Be forewarned: at times this mailing list delivers many large messages.

SAREX - Shuttle Amateur Radio Experiment mailing list

This mailing list contains information and press releases pertaining to SAREX missions.

To obtain any of these services, just send a message to the address

listserv@amsat.org

This address may be reached from CompuServe MAIL as:

>INTERNET:listserv@amsat.org

For the moment, the maintenance of the AMSAT.ORG mailing lists and remailing aliases is done manually. Later, this service will probably be automated and you will have to follow a strict message format. For now, you may send requests in free format. They will usually be processed within a few days. In general, you will not receive an explicit reply to your request. Be sure you specify:

1. Which mailing list(s) you want to receive
2. Your callsign, if any
3. The Internet address to be used, if different from the one in your From: header.

You should not send messages about your subscriptions to any of the mailing lists. Send them to listserv@amsat.org instead. This includes questions, requests for changes, requests for information about mailing services, and complaints.

The list of amateurs who may be reached via the message remailing service may be obtained by requesting the "address book". Note that the address book as distributed contains only the callsigns of the available addressees, not their actual Internet addresses. The address book is updated occasionally, and does not necessarily contain the very latest information.

You may request to be added to the list, to be deleted from the list, or to have your Internet address changed on the list. Please include your callsign if you have one. If you don't have a callsign, that's OK, but please say so. If you have more than one Internet address you want to have available on the AMSAT.ORG remailer, you may so specify.

For instance, if you have a regular Internet address and a CompuServe account, you may appear in the address book as both w1xyz and w1xyz-cis. Mail sent to w1xyz would go to your Internet address, and mail sent to w1xyz-cis would go to CompuServe. MCImail accounts have the form w1xyz-mci, and so on.

You may also subscribe or unsubscribe to any of the public mailing lists described above. Send a message to listserv@amsat.org, specifying clearly which mailing list(s) you want to add or drop, and giving your callsign if you have one. When you subscribe to a mailing list, you will automatically be added to the remailing service as well, because the mailing lists are maintained by callsign. If you have more than one address listed in the remailing service, please indicate which one(s) you want the mailing list messages sent to.

Additional mailing lists, public or private, can be set up as needed. Send mail to listserv@amsat.org for details.

Questions about any service offered by AMSAT.ORG may be directed to listserv@amsat.org as well.

Please note that the AMSAT business office is separate from mailing list maintenance. You may address membership requests to martha@amsat.org, or send them by mail, phone, or fax to AMSAT headquarters:

AMSAT-NA
850 Sligo Avenue
Silver Spring, MD 20910
USA

Voice: +1 301 589-6062
FAX: +1 301 608-3410

Mike Witkowski N3FDL

mtw@coredcs.com

DX QSL Info World-Wide Web Page:

http://www.coredcs.com/~mtw/

The DX QSL Info File is updated monthly. It is in Xbase format and runs under a variety of software, including:

* Dbase
* Vplus
* Totalham

Bob Witte KB0CY, 7J1AUE

Bob Witte bobw@col.hp.com
Electronic Measurements Division +1 719 590-3230
Hewlett Packard Company KB0CY 7J1AUE

* Interests:
+ VHF & UHF Repeaters
+ VHF & UHF Operation (including mountaintopping & portable
operation)
+ Scanning frequencies above 30 MHz
+ Coordinator for the Colorado 14er Radio Event (VHF/UHF hiking
& mountaintopping event)
+ Operated portable in Japan (7J1AUE)
+ General Mobile Radio Service (GMRS)
+ Test and measurement equipment
+ Technical writing (ham magazines, EE pubs and a few books)

* Qualifications & Questionable Credentials:
+ MSEE, FCC General Radiotelephone License, Amateur Extra Class

---

John F. Woods WB7EEL

jfw@funhouse.com

Maintainer of My List of Mail Order Electronics Companies

Available from:

* http://www.funhouse.com/jfw/RF_PARTS.txt
* ftp://ftp.funhouse.com/pub/RF_PARTS.txt
* ftp://ftp.cs.buffalo.edu/pub/ham-radio/mail_order
* ftp://rtfm.mit.edu/pub/usenet/rec.radio.amateur.misc/

- X -

- Y -

Conway Yee N2JWQ

yee@mipg.upenn.edu
2144 East 21 Street
Brooklyn, New York 11229

Maintainer of the Universal and Free Listing of Repeaters for Radio Amateurs

This listing with all the data is available for anonymous FTP from:

ftp://mipgsun.mipg.upenn.edu/pub/yee/rptr010.Z

An experimental search and submission front-end is available at:

http://www.acs.ncsu.edu/scripts/HamRadio/repeaterdb.perl

As far as I am aware, all the data is freely redistributable and my intent is to make sure it stays that way. For this reason, I have applied the GNU General Public License.

The repeater project will now include repeaters from ALL bands and is not limited to the US. This reflects the intent to make this directory universal.

Contributions of data may be made by anonymous ftp to:

ftp://mipgsun.mipg.upenn.edu/pub/yee/uploads/

or via E-mail to yee@mipg.upenn.edu

The data format has not been changed from the old format so contributions that you were planning to make (prior to my recent troubles) are still current and most welcome. This repeater listing will be of use if people take an active part in making it accurate and useful.

- Z -

Martin A. Zurn IK2RMZ, DL1GBZ

Home QTH: v. Fermi 10, 21027 Ispra (VA) Italy
(Northern Italy near Swiss Border)
Position: Lat 45d49m N Long 8d38m E WW-Loc: JN45ht
On air: CW only, 160 thru 10 incl. WARC, wire ant only

Work QTH: TP 680, Centro CCR, 21020 Ispra (VA) Italy
E-mail at work: martin.zurn@jrc.it

Expertise:

Technical: Elbugs (incl. features like dot/dash memories, squeezing, touch sensors, auto spacing) Antennas used: Windom, Delta Loop, Trap Dipole, Marconi wire.

Operational: CW Operator since 1981, QRP Operation, Traffic handling nets (NTS, Swedish QTC nets) CW operating in several West European languages (Ham radio shorts, use of foreign CW characters in Italian, German, French, Spanish, and Swedish). QSLing (How to design a QSL that satisfies award hunters and operators of the QSL buro)

Club life: Mbr of AGCW, UFT, GQRP, HSC, VHSC, SMHSC, SCAG,...

Admin: License Regulations in Italy and Germany

Mathematics: Spherical Trigonometry, beam headings, calculation of sunset/sunrise times, etc.

End of Directory

```
-----BEGIN PGP SIGNATURE-----
Version: 2.6.2

iQCVAwUBMlhZ/yROYYq72ea1AQGpVAQArN7srtF3lMuQLmkGdTtvxwadbWw1qF5Y
7jSzy8QqkZdQapsPEQayBZy8rsAU7D5pS4fDSp1Wg/wznuq2Ha4PiDnDpnlJ/mvT
rBQ4qHxKY2h9AavRJY8QijhCdhaD0uyjYMa5k7IgWnPluFCoX5jlsZS2VptOO+YV
6i7o6pV+vDY=
=UiVh
-----END PGP SIGNATURE-----
```

4567. Amateur Radio: Changes to Elmers Resource Directory

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: pschleck@novia.net
Message-ID: <radio/ham-radio/elmers/diff-1-844676045@novia.net>
Source record: 215407
Cross-posted to: rec.radio.amateur.misc,rec.radio.info,rec.answers,news.answers

```
Posted-By: auto-faq 3.3 beta (Perl 5.003)
Archive-name: radio/ham-radio/elmers/diff
Posting-Frequency: posted on the first Monday of each month
URL: http://www.novia.net/~pschleck/elmers/

-----BEGIN PGP SIGNED MESSAGE-----

(Note: This difference file is taken from the list body only.)

diff -bBcdisw (last month's) (this month's)

*** list.body.old Mon Sep 2 17:38:33 1996
- --- list.body.new Sun Oct 6 20:15:33 1996
***************
*** 110,115 ****
- --- 110,134 ----

------------------------------------------------------------------

+ Ian Adams N3UOC
+
+ isa100@psu.edu
+
+ Voice: +1 (814) 898-6554
+
+ PSU Behrend MB 527
+ 5091 Station Road
+ Erie, PA 16563
+
+ * ARES
+ * Mobile/Portable
+ * Novice/Tech Instruction
+ * Power Supplies
+ * RFI
+ * Repeaters
+
+ ------------------------------------------------------------------
+
Edward Addy KE0EG

eaddy@nacec.org
***************
*** 214,220 ****

David Andrews ZL2SX
```

! andrews@kai.ee.cit.ac.nz

I have been involved with the Amateur Radio International Travel Host
scheme. I also chair the NZART Frequency Management and Technical
- --- 233,239 ----

David Andrews ZL2SX

! andrews@ee.cit.ac.nz

I have been involved with the Amateur Radio International Travel Host
scheme. I also chair the NZART Frequency Management and Technical
****
*** 312,317 ****
- --- 331,371 ----
ham-radio related lists at Netcom.

+ John B. Ayers AA1IC, AAR1BQ
+
+ ayers@plainfield.bypass.com
+ AX.25: AA1IC@K1UAQ.#NNH.NH.USA.NOAM
+
+ Voice/FAX/Modem: +1 (802) 626-8503
+
+ RR2 Box 160
+ Lyndonville, VT 05851
+
+ * AMTOR/RTTY
+ * Antennas
+ * Antique and Older Equipment
+ * Batteries
+ * DSP
+ * Equipment Testing/Troubleshooting
+ * HF
+ * Homebrewing
+ * IBM PC's
+ * 160 Meters
+ * Army MARS
+ * Mobile/Portable
+ * Novice/Tech Instruction
+ * Power Supplies
+ * RACES/SKYWARN
+ * RFI
+ * Repeaters
+ * Seminars/Lectures
+ * VHF/UHF
+
+ ARRL and W5YI Volunteer Examiner
+
+ Experienced with both vacuum-tube and solid-state equipment.
+ --
+

- B -

****
*** 350,355 ****
- --- 404,425 ----
Please direct any other inquiries to my E-mail address above.

+ William L. (Bill) Been KE6MUE
+
+ wlbeen@lbusd.k12.ca.us
+
+ Voice: +1 (310) 438-8622
+
+ 500 Redondo Ave. #307
+ Long Beach, CA. 90814
+ USA
+
+ * Apple Macintosh Computer
+ * CW
+ * Novice/Tech Instruction
+
+ ---
+
Rob Bellville N1NTE

****
*** 403,408 ****
- --- 473,521 ----
happy to share the knowledge!

+ Sacha J. Bernstein N2NSZ
+
+ sacha@ee.gatech.edu
+ gt5334b@prism.gatech.edu
+
+ http://www.ee.gatech.edu/users/sacha/
+
+ Voice: +1 (770) 612-0749
+ Work: +1 (404) 560-8604
+
+ Atlanta/Marietta, GA
+ USA
+
+ * College Clubs
+ * Contesting
+ * DX
+ * EME
+ * Field Day

+ * GRAPES
+ * HF
+ * Homebrewing
+ * IBM PC's
+ * Internet Services
+ * 160 Meters
+ * Microwave
+ * Mobile
+ * Novice/Tech Instruction
+ * Packet And Digital Networking
+ * Portable
+ * RTTY
+ * Repeaters
+ * SETI/Radio Astronomy
+ * SSTV
+ * TAPR
+ * VHF/UHF
+ * UNIX
+
+ President, Georgia Tech ARC, W4AQL
+
+ Former ARES AEC, Huntington, NY
+
+ ---
+
Maurizio Bertolino

****
*** 436,441 ****
- --- 549,565 ----
free BBS devoted to HAM/SWL.

+ Steve Bible N7HPR
+
+ srbible@gnatnet.net
+ n7hpr@amsat.org
+ n7hpr@tapr.org
+
+ Spread Spectrum World-Wide Web Page:
+
+ http://www.tapr.org/ss/
+ ---
+
Jon Bloom KE3Z

****
*** 461,466 ****
- --- 585,612 ----
the ARRL World-Wide Web Home Page.

+ Brian Boccardi N2MPM
+
+ n2mpm@worldnet.att.net
+ AX.25: N2MPM@KB4CYC.NJ
+
+ Voice: +1 (908) 297-2457
+
+ 203 Bishop Blvd.
+ North Brunswick NJ 08902
+
+ * APRS
+ * ARES/RACES/SKYWARN
+ * ARRL VE
+ * Apple Macintosh Computer
+ * Electrical Safety and Grounding
+ * Field Day
+ * NTS
+ * Packet And Digital Networking
+ * Seminars/Lectures
+
+ ---
+
Rich Bono NM1D

****
*** 469,475 ****

Author of the following MS-DOS ham programs:

- -
* AutoExam - Examination simulator and study aid
* AutoCW - Morse Code practice program
* DOSGATE - allows users to run programs on your PC remotely
- --- 615,620 ----
****
*** 503,508 ****
- --- 648,673 ----
programs.

+ Ahmed Boudda CN8GI
+
+ cn8gi@mtds.com
+ 75337.3071@compuserve.com
+ cn8gi@amsat.org
+
+ Voice/FAX: +212 7 681720
+ Work: +212 7 794140
+
+ 5 Rue Ourgha Agdal
+ 10000 Rabat
+ Morocco

+
+ * ARES
+ * AMSAT
+ * DX
+
+ Geology and Geophysics
+ --
+
Devon Bowen KA2NRC

bowen@olsen.ch
****
*** 580,585 ****
- --- 745,765 ----
http://www.mindspring.com/~johnmb/

+ Mike Bridges AC6SX
+
+ mbridges@cyberg8t.com
+
+ Webmaster, Tech Bench Elmers Amateur Radio Society
+
+ Tech Bench Elmers World-Wide Web Page:
+
+ http://www.geocities.com/SiliconValley/2775/
+
+ Please direct any submissions, feedback, or administrivia regarding
+ the Tech Bench Elmers World-Wide Web Page or the Tech Bench Elmers
+ Amateur Radio Society in general to techbench@geocities.com.
+ --
+
Don Browne KQ4YM, NNN0TFI

browne@aol.com
****
*** 680,685 ****
- --- 860,901 ----
volunteer contributors contacted him at this time.]

+ Paul Butler AB5TD
+
+ pbutler@cyberramp.net
+
+ Voice: +1 (972) 424-5401
+ Work: +1 (214) 416-4774
+
+ 1816 WestRidge Dr.
+ Plano, TX 75075
+ USA

+
+ * ARES/RACES/SKYWARN
+ * AMTOR/RTTY
+ * Antennas
+ * Antique and Older Equipment
+ * BBS's
+ * CW
+ * DSP
+ * HF/DX
+ * Equipment Testing/Troubleshooting
+ * Field Day
+ * Homebrewing
+ * IBM PC's
+ * Internet Services
+ * LF
+ * 160 Meters
+ * NTS
+ * Packet and Digital Networking
+ * Power Supplies
+ * RFI
+ * Repeaters
+ * VHF/UHF
+ * Volunteer Examiner
+
+ --
+
Brian Buydens VE5RDV

brian.buydens@usask.ca
****
*** 687,693 ****
http://duke.usask.ca/~buydens/

* Apple Macintosh Computer
! * IBM PC
* QRP
* UNIX

- --- 903,909 ----
http://duke.usask.ca/~buydens/

* Apple Macintosh Computer
! * IBM PC's
* QRP
* UNIX

****
*** 741,746 ****
- --- 957,1009 ----
services in my state.

+ Mirko Caserta IK0ZSN
+
+ ik0zsn@amsat.org
+
+ http://www.fr.flashnet.it/~mirko/
+
+ Voice: +39 776-566529
+ Work: +39 775-830012
+
+ Via Lazio, 6
+ 03030 Roccasecca (FR)
+ Italy
+
+ * CW
+ * HF
+ * IBM PC's
+ * Internet Services
+ * Packet and Digital Networking
+ * Portable
+ * QRP
+ * UNIX
+ * VHF
+
+ I'm the 425 DX News Mailing List maintainer. Further info at:
+
+ http://www.fr.flashnet.it/cgi-bin/425dxnews-list
+
+ I'm the webmaster for:
+
+ http://www.fr.flashnet.it
+
+ (maybe soon www.saiu.it) and the FTP owner of:
+
+ ftp://ftp.fr.flashnet.it/
+
+ There's a /pub/ham directory there. There's not much at the moment but
+ you may use it if you want. Just send new software under /incoming
+ including a file which tells what kind of software it is.
+
+ Expertise includes anything related to the Internet.
+
+ I used to work HF, mostly CW and QRP.
+
+ I also love Linux but never used it for ham radio, except for a
+ satellite tracking software :)
+ --
+
L. B. Cebik W4RNL

****
*** 900,906 ****

```
* Field Day
* HF
* Homebrewing
! * IBM PC
* Internet Services
* Mobile
* Novice/Tech Instruction
- --- 1163,1169 ----
* Field Day
* HF
* Homebrewing
! * IBM PC's
* Internet Services
* Mobile
* Novice/Tech Instruction
***************
*** 985,991 ****
dealing with commercial outfits. Please cut the volunteers a little
slack.

! (see also Bob Merritt)
-------------------------------------------------------------------

Derrick C. Cole KC4WEJ
- --- 1248,1259 ----
dealing with commercial outfits. Please cut the volunteers a little
slack.

! (The GRAPES WWW Home Page is moving to its own dedicated machine at a
! new ISP. This will give GRAPES direct T1 access to the Internet. It
! will provide comprehensive GRAPES information, support, and online
! ordering facilities. I'm told this will all be up and running in a few
! weeks. Bruce Nebergeld and Dennis Barrow, both former GRAPES
! presidents and net wizards, are spearheading this effort.)
-------------------------------------------------------------------

Derrick C. Cole KC4WEJ
***************
*** 1124,1130 ****

Link Communications World-Wide Web Home Page:

! http://www.link-comm.com/linkcomm/
-------------------------------------------------------------------

Mike Cook AF9Y
- --- 1392,1398 ----

Link Communications World-Wide Web Home Page:

! http://www.link-comm.com/
-------------------------------------------------------------------
```

Mike Cook AF9Y
****
*** 1187,1193 ****

http://www.jedi.net/jon/

! * IBM PC & Clones
+ mostly DOS, Windows 3.x & 95, and Linux.
+ hardware knowledge (I work at a computer company)
* Internet Services (Mail/FTP/WWW)
- --- 1455,1461 ----

http://www.jedi.net/jon/

! * IBM PC's & Clones
+ mostly DOS, Windows 3.x & 95, and Linux.
+ hardware knowledge (I work at a computer company)
* Internet Services (Mail/FTP/WWW)
****
*** 1215,1220 ****
- --- 1483,1506 ----
community.

+ Steve Davis ZL2UCX
+
+ steve@zl2ucx.gen.nz
+
+ Mobile: +64 25-361-796
+ FAX: +64 25-361-796
+
+ P.O. Box 120
+ Christchurch
+ New Zealand
+
+ New Zealand Association of Radio Transmitters (NZART) World-Wide Web Page:
+
+ http://www.nzart.org.nz/
+
+ (NZART is New Zealand's national amateur radio society.)
+ --
+
Terry Dawson VK2KTJ

terry@perf.no.itg.telecom.com.au
****
*** 1250,1255 ****
- --- 1536,1542 ----
Internet/ampr.org gateway.)

I'm happy to assist with information relating to:
+
* Linux, especially when related to Amateur Radio.

```
* Amateur Radio Internet Gateways

***************
*** 1273,1279 ****

* Antique and Older Equipment
* Homebrewing
! * IBM PC
* Internet Services
* Mobile/Portable/Field Day
* Novice/Tech Instruction
- --- 1560,1566 ----

* Antique and Older Equipment
* Homebrewing
! * IBM PC's
* Internet Services
* Mobile/Portable/Field Day
* Novice/Tech Instruction
***************
*** 1490,1495 ****
- --- 1777,1799 ----
technical information.)
------------------------------------------------------------------

+ Dr. Marc L. Dworkin WB2YSH
+
+ mdworkin@gnn.com
+
+ Voice: +1 (704) 541-3662
+
+ Charlotte, NC
+ USA
+
+ * Equipment Testing/Troubleshooting
+ * HF
+ * IBM PC's
+ * Novice/Tech Instruction
+ * QRP
+
+ ------------------------------------------------------------------
+
- E -

------------------------------------------------------------------

***************
*** 1531,1536 ****
- --- 1835,1871 ----
now moved to ARRL HQ. See David Newkirk's entry for more information.
------------------------------------------------------------------
```

+ Jerry Eisenberg K2CFG
+
+ eisencom@aol.com
+
+ Voice: +1 (516) 378-8873
+ FAX/Modem: +1 (516) 623-7728
+
+ 304 Margaret Boulevard
+ Merrick, NY 11566
+ USA
+
+ * Antique And Older Equipment
+ * Batteries
+ * Commercial Equipment
+ * Equipment Testing/Troubleshooting
+ * Homebrewing
+ * Mobile
+ * Part-15 Broadcasting
+ * Radio Frequency Interference (RFI)
+ * VHF
+ * Volunteer Examiner
+
+ I am available most days; work from home. I am especially interested
+ in teaching the practical side of ham radio technology. I will help
+ troubleshoot kits, old radios, etc., but will expect the new or
+ prospective ham to pitch in.
+
+ Expertise gained from over 40 years of ham radio and almost as many
+ years in broadcast engineering.
+ --
+
Joerg Elmers DL2BCD, KD6ZYA

dl2bcd@t-online.de
****
*** 1699,1704 ****
- --- 2034,2056 ----
Hundreds of Megabytes of Quality Software for Radio Amateurs and SWLs
----

+ Steven Gibbs GU3MBS
+
+ sgibbs@guernsey.net
+ AX.25: GU3MBS@GB7GUR.GB7LWM.#27.GBR.EU
+
+ +44 1481 57605
+
+ 44 Les Prins
+ Vale
+ Guernsey GY6 8HB
+ United Kingdom
+

+ Isle of Guernsey (United Kingdom) Amateur Radio Index World-Wide Web Page:
+
+ http://www.guernsey.net/~amateur_radio/
+ ____
+
Paul Gilbert KE5ZW

****
*** 1841,1849 ****

(Devoted to homebrewing and technical amateur radio in general)

! Tech Bench Elmers World-Wide Web Page:
!
! http://www.geocities.com/SiliconValley/2775/

Howard Goldstein N2WX
- --- 2193,2199 ----

(Devoted to homebrewing and technical amateur radio in general)

! (See also Mike Bridges.)

Howard Goldstein N2WX
****
*** 1907,1913 ****
* Commercial Equipment
* HF/Contesting/DX
* Homebrewing
! * IBM PC
* Internet Services
* 160 Meters
* Mobile/Portable/Field Day
- --- 2257,2263 ----
* Commercial Equipment
* HF/Contesting/DX
* Homebrewing
! * IBM PC's
* Internet Services
* 160 Meters
* Mobile/Portable/Field Day
****
*** 2301,2315 ****

mihry@topher.net

! +1 903 883-3789

Areas of Expertise:

! * Electronics in General
* Antennas

* Towers
! * CW to 20 Meters
* Computers and Computer Programming

- --- 2651,2687 ----

mihry@topher.net

! Voice: +1 903 883-3789
! Work: +1 (903) 408-8594
!
! Quinlan, TX
! USA

Areas of Expertise:

! * ARES/RACES/SKYWARN
* Antennas
+ * Antique and Older Equipment
+ * Batteries
+ * Commercial Equipment
+ * DSP
+ * Electronics in General
+ * Equipment Testing/Troubleshooting
+ * Mobile/Portable/Field Day
+ * HF/DX/Contesting
+ * Homebrewing
+ * IBM PC's
+ * Internet Services
+ * Novice/Tech Instruction
+ * Power Supplies
+ * QRP
+ * RFI
+ * Repeaters
+ * Scouting
* Towers
! * VHF/UHF
! * Volunteer Examiner
* Computers and Computer Programming

****
*** 2381,2392 ****
(See also Rene Stiegler)

Robert K. Johnson KD6MQE

rkj@earthlink.net

* Homebrewing
! * IBM PC

```
------------------------------------------------------------------
- --- 2753,2789 ----
(See also Rene Stiegler)
------------------------------------------------------------------
+ Cedrick Johnson N9YXA
+
+ n9yxa@ix.netcom.com
+ AX.25: N9YXA@W9ZMR.IL.USA.NA
+
+ http://pages.prodigy.com/n9yxa/
+
+ Voice/FAX: +1 (630) 897-3541
+
+ 502 Manor Place
+ Aurora, IL 60506
+ USA
+
+ * AMSAT
+ * BBS's
+ * HF/Contesting/DX
+ * CW
+ * Packet and Digital Networking
+ * SSTV
+ * VHF
+
+ I am a somewhat new DX'er/Contester. I have had experience with many
+ aspects of radio, SSTV, Packet, and HF work.
+ ------------------------------------------------------------------
+
Robert K. Johnson KD6MQE

rkj@earthlink.net

* Homebrewing
! * IBM PC's

------------------------------------------------------------------

***************
*** 2416,2421 ****
- --- 2813,2831 ----
Watch that page for an announcement of when I actually release the
code, which I plan to integrate into KA9Q NOS.

+ Spread Spectrum
+
+ I've been trying to answer the question of consequences of promoting
+ relatively wide-band digital modes on band occupancy and throughput
+ (i.e., What gets optimized? Are there tradeoffs in quality vs.
+ quantity?) in the context of the spread spectrum rules debate, but I
+ think it needs to be a much wider discussion. See my reply comments to
```

+ the FCC on this issue:
+
+ http://www.qualcomm.com/people/pkarn/papers/mysscomments.html
+
+ (See also Steve Bible for more information on Spread Spectrum)
+
[Editor's Note: I'm honored by the presence of many advanced-level
Elmers in this directory, including Jeffrey Angus, Gary Coffman, and
now Phil Karn. Phil has graciously agreed to appear in this directory
****
*** 2861,2866 ****
- --- 3271,3298 ----
Be glad to help out those interested in digital communication.

+ Jinson Lee HL5QO
+
+ hl5qo@bjo.yonam-c.ac.kr
+ hl5qo@cit.yonam-c.ac.kr
+
+ Voice: +82 591-751-2042
+ Work: +82 591-759-8123
+ FAX: +82 591-751-2049
+
+ 305 Yongong, Apt. 773
+ Chinju Korea 660-300
+
+ * AMSAT
+ * DSP
+ * EME
+ * Microwave
+ * OSCAR
+ * Packet and Digital Networking
+ * TAPR
+
+ ---
+
Alexis Leynes K9KYJ

aleyne1@uic.edu
****
*** 2980,2990 ****

Jeff Luszcz N2TIQ

! jeff@gauss.arc.nasa.gov

College and University Club List World-Wide Web Page:

! http://www.geocities.com/SiliconValley/7512/hobbies.html

Sandy Lynch WA6BXH, 7J1ABV
- --- 3412,3422 ----

Jeff Luszcz N2TIQ

! jeff@best.com

College and University Club List World-Wide Web Page:

! http://www.best.com/~jluszcz/clublist.html

Sandy Lynch WA6BXH, 7J1ABV
****
*** 3132,3155 ****

! Bob Merritt KA4BYP

! bobm@mindspring.com

! http://www.mindspring.com/~bobm/

! PO Box 185
! Griffin, GA 30224

! Maintainer of Georgia Radio Amateur Packet Enthusiasts Society (GRAPES) WWW
! Page

! (available via my home page above)

- - (see also Gary Coffman)

! April Moell KA5OPS

emcom4hosp@aol.com

- --- 3564,3614 ----

! Don L. Miller N6ZUF

! dlmiller@fishnet.net
! AX.25: N6ZUF@N6AHI.#SOCA.USA.NOAM

! http://www.fishnet.net/~dlmiller/

! Ventura County (California, USA) ARES Area 6 Packet Radio Training Group
! Manual:

! http://www.fishnet.net/~dlmiller/packet.html
! ---

! Lee Mills KE4TNK
!

! millsdo@eng.auburn.edu
! millsdo@auburn.campus.mci.net
! ke4tnk@switch.k4ry.ampr.org
!
! Voice: +1 (334) 887-8705
! Work: +1 (334) 844-6814
! FAX: +1 (334) 844-6803
!
! 211 Aerospace Engineering
! Auburn University, AL 36830
! USA
!
! * Apple Macintosh Computers
! * College Clubs
! * HF
! * IBM PC's
! * Internet Services
! * Novice/Tech Instruction
! * Packet And Digital Networking
! * Repeaters
! * SKYWARN
! * VHF/UHF
!
! Auburn University Amateur Radio Club (K4RY) World-Wide Web Page:
!
! http://www.auburn.edu/k4ry.html

! April Moell WA6OPS

emcom4hosp@aol.com

****
*** 3168,3173 ****
- --- 3627,3633 ----
and trained.

There you will find:
+
* How HDSCS organizes to support hospitals
* What "dedicated communicators" are and why they are important
* Frequently Asked Questions about hams helping hospitals
****
*** 3193,3198 ****
- --- 3653,3659 ----
tracking.)

This site features:
+
* Southern California T-hunting, what equipment the winners use
* International-style foxhunts have come to California

* Complete design fixes for the Dick Smith doppler set
****
*** 3218,3224 ****
18 Andrea Drive
Vernon, NJ 07462-9703

! * IBM PC
* Internet Services

- --- 3679,3685 ----
18 Andrea Drive
Vernon, NJ 07462-9703

! * IBM PC's
* Internet Services

****
*** 3268,3273 ****
- --- 3729,3767 ----

+ Larry S. Morris KG7RQ
+
+ lmorris@rand.nidlink.com
+
+ Voice: +1 (208) 777-7615
+ Work: +1 (509) 459-6100 ext 6998
+ FAX: +1 (509) 325-7329
+
+ 6123 W. Hauser Lake Road
+ Post Falls, ID 83854-8515
+ USA
+
+ * ARES
+ * Amiga Personal Computer
+ * Antennas
+ * Antique And Older Equipment
+ * Apple Macintosh Computer
+ * Batteries
+ * CW
+ * Equipment Testing/Troubleshooting
+ * Field Day
+ * HF
+ * Homebrewing/Do-It-Yourself
+ * IBM PC's
+ * Internet Services
+ * Novice/Tech Instruction
+ * OSCAR
+ * Portable

+ * Power Supplies
+ * VHF
+
+ ____
+
Rich Moseson NW2L

CQMagazine@aol.com
****
*** 3374,3379 ****
- --- 3868,3874 ----
6 Glen Wood Place, Suite 105
Brockville, Ontario K6V 2T3
Canada
+
* ARES
* AMTOR/PACTOR/CLOVER
* Antennas
****
*** 3388,3393 ****
- --- 3883,3907 ----
Digital operations, including AMTOR, PACTOR, and CLOVER.
____

+ Fred Neff WC0A
+
+ fredneff@interl.net
+
+ Voice: +1 (319) 385-7458
+
+ 1009 N. Lincoln
+ Mt. Pleasant, IA 52641
+ USA
+
+ * ARES/RACES/SKYWARN
+ * Contesting/DX
+ * CW
+ * IBM PC's
+ * Novice/Tech Instruction
+ * Volunteer Examiner
+
+ ____
+
Lyndon Nerenberg VE7TCP, VE6BBM

lyndon@ve7tcp.ampr.org
****
*** 3530,3536 ****
* Antique and Older Equipment
* Direction Finding
* DX

```
! * IBM PC
* Internet Services
* RFI

- --- 4044,4050 ----
* Antique and Older Equipment
* Direction Finding
* DX
! * IBM PC's
* Internet Services
* RFI

***************
*** 3697,3702 ****
- --- 4211,4245 ----
contact David Engel at david@ods.com.]
------------------------------------------------------------------

+ Keith Petersen W8SDZ
+
+ w8sdz@simtel.net
+
+ General Manager of Simtel(TM) Software Repository:
+
+ http://www.simtel.net/simtel.net/
+ ftp://ftp.simtel.net/pub/simtelnet/
+
+ (Formerly wsmr-simtel20.army.mil)
+
+ (simtel.net is a service mark of Walnut Creek CDROM)
+
+ Announcements regarding uploads to Simtel of amateur-radio-related
+ software are cross-posted to:
+
+ rec.radio.info
+
+ [Editor's Note: This outstanding archive collection, which
+ incorporates much amateur-radio-related software, is listed here for
+ completeness. However, as Keith gets about 200 E-mail messages a day,
+ he strongly encourages self-sufficiency in the use of the archive. The
+ above URL's contain several documents regarding how to download files
+ from and upload files to this archive. There are also many other
+ Elmers willing to answer beginning-level questions regarding accessing
+ files via FTP and WWW. Consult the "INTERNET SERVICES" category in the
+ Subject Quick-Search Index for a complete list.]
+ ------------------------------------------------------------------
+
Randall (Randy) Phillips N2BQV

rlphillips@gnn.com
***************
```

```
*** 3736,3741 ****
- --- 4279,4312 ----
- R -
_____________________________________________________________

+ James Redding KB7UIX
+
+ cracked@primenet.com
+ cracked@gwbbs.northeast.net
+ AX.25: KB7UIX@WB7TLS.AZ.USA.NOAM
+
+ http://www.primenet.com/~cracked/
+
+ Voice: +1 (520) 744-4559
+
+ Tucson, Arizona, USA
+
+ * Antennas
+ * Batteries
+ * IBM PC's
+ * Internet Services
+ * Novice/Tech Instruction
+ * Packet And Digital Networking
+ * Portable
+ * Repeaters
+ * VHF/UHF
+ * UNIX
+
+ I can help anyone who has questions about operating on repeaters,
+ packet, or how to choose an antenna for the VHF or UHF bands. I'm also
+ able to help with almost any IBM PC-related question or problem.
+ _____________________________________________________________
+
Terrence R. (Terry) Redding WB5LMJ

TRRedd@aol.com
***************
*** 3951,3956 ****
- --- 4522,4528 ----
Advice on Antennas, Equipment, and the Internet

Qualifications:
+
* Licensed since 1966
* Extra Class
* WWW Webmaster
***************
*** 4091,4097 ****

tcs@cmcorp.com

! http://www.cmcorp.com/ham_radio/inventory/sefranek.html
```

112 Great Rd.
Shirley, MA 01464
- --- 4663,4669 ----

tcs@cmcorp.com

! http://hamradio.cmcorp.com/inventory/sefranek.html

112 Great Rd.
Shirley, MA 01464
****
*** 4232,4237 ****
- --- 4804,4810 ----
mjsilva@ix.netcom.com

Stuff I know:
+
* Antennas
* Circuitry (analog, digital, RF, tubes, semiconductors)
* Construction
****
*** 4279,4284 ****
- --- 4852,4884 ----
http://www.nitehawk.com/rasmit/

+ John Harvey Smith KE4KTO, AFA2MJ
+
+ ke4kto@earthlink.net
+
+ Voice: +1 (910) 674-0452
+ Work: +1 (910) 668-4410 ext 3307
+
+ 5403 Forest Oaks Drive
+ Greensboro, NC 27406-8317
+
+ * Antennas
+ * ARES
+ * IBM PC's
+ * Internet Services
+ * USAF MARS
+ * Mobile/Portable
+ * Novice/Tech Instruction
+ * Packet And Digital Networking
+ * Repeaters
+ * SKYWARN
+ * VHF/UHF
+
+ I have considerable expertise in building and maintaining personal
+ computers (PC's) as well as several years of experience in ARES,
+ SKYWARN, and USAF MARS. I have also built my own antennas.
+ ---
+

Bill Sohl K2UNK

billsohl@planet.net
****
*** 4699,4704 ****
- --- 5299,5320 ----
year-old economy HF rigs, particularly the Kenwood TS-520.

+ Paul Turvey G1PJJ
+
+ Paul Turvey, G1PJJ | Internet: paul@topsy.demon.co.uk
+ | Amprnet: paul@g1pjj.ampr.org
+ | AX25: G1PJJ@GB7ZAA.#34.GBR.EU
+
+ Maintainer of the uk.radio.amateur FAQ
+
+ Available from:
+
+ http://www.topsy.demon.co.uk/radio-amateur/faq.html
+
+ Please direct all FAQ submissions, feedback, and administrivia to
+ ukfaq@topsy.demon.co.uk.
+ ---
+
Dr. Simon Twigger AA9PW, G1SNT

****
*** 4890,4895 ****
- --- 5506,5537 ----
growing! Come join us!

+ Dennis 'Deni' Watters WB0TAX
+
+ deni@dwatt.com
+ AX.25: WB0TAX@WB0TAX.#SHRV.LA.USA.NOAM
+ wb0tax@kb4cpw.ampr.org
+
+ http://www.dwatt.com/
+
+ Voice: +1 (318) 747-2823
+ Work: +1 (318) 456-3750
+ FAX: +1 (318) 747-2689
+
+ The Dun Muvn Farm
+ 279 Ranchtown Road
+ Elm Grove, LA 71051
+ USA
+
+ * BBS's

+ * CW
+ * IBM PC's
+ * Internet Services
+ * Packet and Digital Networking
+ * Seminars/Lectures
+
+ ---
+
John Wendt WA6BFH

wireless@cyberg8t.com
****
*** 4898,4904 ****

(Devoted to homebrewing and technical amateur radio in general)

! (See also Bob Goldman)

Paul Whatton G4DCV
- --- 5540,5546 ----

(Devoted to homebrewing and technical amateur radio in general)

! (See also Mike Bridges.)

Paul Whatton G4DCV

- --
73, Paul W. Schleck, KD3FU

pschleck@novia.net (personal mail)
elmers-request@novia.net (Elmers List administrivia)

-----BEGIN PGP SIGNATURE-----
Version: 2.6.2

iQCVAwUBMlhZ6yROYYq72ea1AQHJoQP/QHPS8Hz/NUQFa+YDT8i28bOSpwFuodFE
FzIaAg25W1sxLwgcZh24YACWzdEsDzkTDybHSgMWvQxJtTQn70lbZK20X9QyyE8Z
rHUgsumxxbXt7ZE8bp3VM0k9qCl2t0iIWrMUVuSo928D7VpUfuge4vJUEIp5W9jH
QNclIEeM8OU=
=2tPX
-----END PGP SIGNATURE-----

4568. Re: ICOM radios lose their minds? (backup battery issue)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <53ag1n$6dl@lehi.kuentos.guam.net>
Source record: 215408

richw@yank.kitchener.on.ca (Rich Wales) wrote:

>I have an ICOM IC-R71A receiver which I bought sometime in the mid-80's.

>I vaguely recall reading on the net, some years ago, that there was a
>problem with some (all?) ICOM equipment because if the backup battery
>inside the unit failed, the operating parameters would all be lost and
>could only be restored by sending the unit back to ICOM for repair.

>Is this true? Is it a general problem affecting all ICOM radios, or
>just some models? In particular, is this a problem with the IC-R71A?
>Is it feasible for the equipment owner to replace the battery without
>sending the radio to ICOM?

Yes, it's true. Most batteries don't last to infinity. It only affects the
models with the operating program held by the battery - 745, 751, etc.
You don't have to send the whole radio back, only the small board with
the battery on it. If you take out the battery to change it, the radio has
to be reprogrammed.

I have 4 Icom HF radios, some of which are going on ten years old, and
still on the original battery.

73, Jim KH2D

4569. Re: Suffixes to amateur call signs

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: tgold@microvst.demon.co.uk
Message-ID: <844676676snz@microvst.demon.co.uk>
Source record: 215409

In article <536hc4$mnv@news.Hawaii.Edu>
jherman@Hawaii.Edu "Jeffrey Herman" writes:

> You've made a grave but common error, Tony. Guam in not in the 2nd
> call district. In your example, Jim would be operating up in New
> England, not Guam.

I'm relieved that it's common and thanks :-)

Actually under the present call system it is not clear only from the call where Jim NOW lives or operates (although of course it should have been clear to me where it was issued), but certainly you are right that a different example would have been more appropriate.

I'm not sure I understood your comment about New England as my post didn't mention a first district call or suffix.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

4570. ANARTS News Bulletin 929 5 October 1996

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: dave@eram.esi.com.au
Message-ID: <53ahjc$ags@eram.esi.com.au>
Source record: 215410
Cross-posted to: aus.radio.amateur.misc,rec.radio.amateur.misc,rec.radio.info

[ANARTS - Australian National Amateur Radio Teletype Society]

This is the Australian National Amateur Radio Society with
our weekly RTTY broadcast. We transmit on the following
frequencies and times :

3.545 MHz (Plus/minus 5) 0930 UTC VK2CTD (COL)
7.045 MHz -3 0030 UTC VK2CTD (COL)
14.070 MHz (amtor/fec) 0030 UTC VK2DPM (ALAN)
14.091 MHz 0030 UTC VK2DPM (ALAN)
146.675 MHz 0030/0930 UTC VK2JPA (PAT)
144.850 MHz (ax25 bbs) VK2JPA AT VK2WI
146.675 MHz (rtty mmbbs/repeater) VK2RTY

INTERNET RADIO-INFO-DIST AT UCSD.EDU

Views expressed in this news bulletin are not necessarily
those of the Broadcast Officer, the Relay Officers, or of the
Society.

A.N.A.R.T.S. News Bulletin 929 5 October 1996

COLS COLUMN

SOMMERING'S TELEGRAPH

THE ELECTRIC TELEGRAPH TOOK A PRACTICAL FORM DUE MUCH TO THE
WORK DONE BY VOLTA, NICHOLSON, CARLISLE AND OERSTED. IT IS
RECORDED THAT SOMMERING WAS INTRODUCED TO THE TELEGRAPH IN A
MOST DRAMATIC WAY. ON 9TH APR 1809 AUSTRIAN TROOPS CROSSED THE
INN, CAUSING KING MAXIMILLIAN TO LEAVE MUNICH FOR DILLINGEN.
THE MINISTER FOR HOME AFFAIRS, MONTEGELAS TRAVELLED WITH
MAXIMILLIAN. AFTER JELLACHICH THE AUSTRIAN GENERAL HAD
OCCUPIED MUNICH, NAPOLEON RECEIVED NEWS OF THE DISASTER BY
CHAPPES MECHANICAL TELEGRAPH AND LEFT PARIS FOR BAVARIA IN
TIME TO LIBERATE MUNICH AND RESTORE MAXIMILLIAN ON 22ND APRIL.
THIS MEANS OF RAPID COMMUNICATION IMPRESSED ALL CONCERNED,
ESPECIALLY MONTEGELAS, WHO WITNESSED THE ASTONISHMENT CAUSED
BY NAPOLEON'S ARRIVAL IN BAVARIA. MONTEGELAS WAS A FRIEND OF
SOMMERING AND DINED WITH HIM ON 5 JULY 1809. AN ENTRY IN
SOMMERING'S DIARY RECORDS THAT THE MINISTER 'WISHED TO RECEIVE
PROPOSALS FOR A TELEGRAPH'.

SOMMERING DEVELOPED WHAT WOULD NOW BE CALLED A PILOT PROGRAM.
IT WAS A SMALL SCALE INVESTIGATION TO DEMONSTRATE THE

PRACTIBILITY OF THE PRINCIPLES HE PROPOSED TO APPLY. BRIEFLY HIS TELEGRAPH SYSTEM CONSISTED OF A NUMBER OF WIRES COVERED WITH SEALING WAX FOR INSULATION, TERMINATED IN METALS RODS. THESE RODS WERE INSERTED INTO THE BOTTOM OF TRANSPARENT CONTAINERS THAT CONTAINED SLIGHTLY ACIDULATED WATER. THIS WAS THE END OF THE LINE AT WHICH THE MESSAGE WAS RECEIVED. AT THE TRANSMITTING END, ANY TWO OF THE COMMUNICATING WIRES COULD BE CONNECTED TO A VOLTAIC PILE MADE UP OF FIFTEEN PAIRS OF DISCS (SEE LAST WEEKS CAST). WHEN THE CURRENT FLOWED GASES BUBBLED UP IN THE REQUIRED CONTAINER AT THE RECEIVING END OF THE LINE.

THIS PROTOTYPE MODEL OF HIS TELEGRAPH USED FIVE WIRES WHICH TRANSMITTED COMBINATIONS OF THE LETTERS A, B, C, D AND E. IT WAS SO SUCCESSFUL THAT HE STARTED WORK ON HIS MAIN APPARATUS. HIS DIARY FOR AUGUST 6TH SAYS ' I HAVE TRIED THE ENTIRELY FINISHED APPARATUS WHICH COMPLETELY ANSWER MY EXPECTATIONS. IT WORKS QUICKLY THROUGH WIRES OF 362 PRUSSIAN FEET' (BEFORE ANYONE ASKS I DO NOT KNOW THE LENGTH OF A PRUSSIAN FOOT).

THE NUMBER OF WIRES HAD INCREASED TO THIRTY FIVE AND WERE TERMINATED IN GOLD POINTS TO AVOID CORROSION. THERE WAS ALSO A BUILT IN ALARM TO ADVISE THE RECEIVING OPERATOR OF AN INCOMING MESSAGE.

SOMMERINGS TELEGRAPH ATTRACTED MUCH ATTENTION WITH AN IMPRESSIVE LIST OF ARISTOCRACY WHO HONOURED HIM WITH VISITS TO EXAMINE HIS INVENTION. THE MOST IMPORTANT OF THESE WAS SCHILLING, A MEMBER OF THE RUSSIAN MISSION TO BAVARIA. A PERIOD OF COLLABORATION AND A LIFE-LONG FRIENDSHIP OCCURED THAT SURVIVED THE POLITICAL UPSETS BETWEEN THEIR COUNTRIES.

ONE OF THE IMPORTANT EXPERIMENTS CARRIED OUT BY THE PAIR SHOULD BE MENTIONED. ON THE 5TH JUNE 1811, AT SCHILLINGS SUGGESTION THE CONNECTING WIRES OF THE SYSTEM WERE BROKEN AND THE ENDS DIPPED INTO WATER. THE SYSTEM STILL WORKED, A TRIBUTE TO THE SENSITIVITY OF THE 'GAS BUBBLE' INDICATOR. PRESUMABLY ONE OF THE WIRES WAS LEFT INTACT.
A FEW DAYS LATER COMMUNICATIONS WAS CARRIED OUT ALONG THE RIVER ISAR USING THE THE RIVER AS THE RETURN, OR, EARTH WIRE, THUS ALLOWING OTHER EXPERIMENTERS TO DO THE SAME, ESPECIALLY LATER WITH TRAMS WHERE THE RAILS WHERE USED AS THE RETURN WIRE. ALTHOUGH A SUCCESSFUL TELEGRAPH, SOMMERINGS INVENTION GAVE WAY TO THE MORE SUCCESSFUL ELECTRO-MAGNETIC TELEGRAPH WHICH WE SHALL KEEP FOR ANOTHER TIME.

FOR NOW 73S DE COL.

WEEKLY SOLAR AND GEOPHYSICAL REPORT

(27 SEPTEMBER - 03 OCTOBER)

ISSUED ON 04 OCTOBER 1996

SUMMARY
Date 27 28 29 30 01 02 03
10cm 70 71 70 70 70 70 70
A 18 19 8 5 3 13 (10 estimated)
T -11 7 1 3 1 10 -1

SOLAR ACTIVITY WAS VERY LOW ALL WEEK.

THE GEOMAGNETIC FIELD AT LEARMONTH W.A. WAS QUIET 0N 30TH SEPTEMBER; QUIET TO UNSETTLED 27TH AND 29TH, AND 1ST TO 2ND OCTOBER; UNSETTLED TO ACTIVE ON 3RD OCTOBER.

MAXIMUM USABLE FREQUENCIES AT SYDNEY WERE DEPRESSED 15 TO 30 PER CENT OM 27TH SEPTEMBER AND 3RD OCTOBER; OTHERWISE, NEAR PREDICTED MONTHLY VALUES.

FORECAST (04 OCOTBER - 10 OCTOBER)

SOLAR: VERY LOW

GEOMAGNETIC: EXPECTING UNSETTLED CONDITIONS, BUT ACTIVE CONDITIONS ARE POSSIBLE 7 TO 10 OCTOBER IF CORONAL ACTIVITY INCREASES.

FREQUENCIES: NEAR TO 10 PER CENT BELOW PREDICTED MONTHLY VALUES.

COURTESY OF IPS RADIO AND SPACE SERVICES

VK2SG RTTY DX NOTES FOR WEEKENDING 27 SEPT 96 (BID RTDX0927)

Our information this week came from: DJ3IW and the Central-Europe DX Cluster node DB0SPC, I5FLN and the IK5PWJ Packet Cluster, OH2BUA, ON6RO, W2JGR and the NJ0M node the Twin-Cities DX Packet Cluster W3FTG and W5KSI. Thank you all for your assistance.

Bandpass
Friday 20
1253-14085 TA2IO
1306-14085 9K2HN
1653-14085 4X6ZK
1749-14082 J53KX
1804-14086 XT2DP
1806-14083 OY4TN
1933-14086 Z37CEF
1943-14088 EA9JZ
2055-14088 5H3LM
2121-14085 4X6UO
2245-14084 5X1T

Saturday 21
0039-14082 FO5OP QSL POB 887, Raiatea, Fr. Polynesia
0554-14084 9K2HN
0936-14083 TP1OCE Eu. Council Strasburg
1103-14085 5B4/SM0TGG
1104-14083 UN5PR
1124-14086 9K2HN
1254-14082 5R8EN
1257-14085 4S7NR
1306-14084 5R8EN
1310-14089 FT5WE
1400-14083 HK3SGP
1410-14088 UR5MID
1524-14088 5R8EN
1525-14086 V85GA
1730-14083 SV5DDR
1739-14080 EA9MY
1742-14090 SV2CXJ
1900-14086 HK3SGP
1907-14083 VO1HP
1939-14082 SV1BDO/7
1949-14088 CP1PY
1958-14091 UT0ZZ
2140-14089 YV5KAJ
2023-14082 9G1UW
2335-14086 LU8EKC

Sunday 22
0136-14084 ZP6CC
0802-14083 UN5PR
0838-14084 TA2IO
0857-14083 LY1DC
0918-14082 UA9TK
0955-14085 9K2HN
1004-14082 3A2JO
1037-14083 JT1FBB
1228-14086 EA9MY
1320-14083 UA9GAC
1321-14085 UN5PR
1543-14088 LZ1KIM
1544-14085 4X6UO
1641-14082 CN1AB
1744-14082 ZS6EZ Inverted
1903-14088 3DA0CA
1934-14083 LU6BEG
1944-14086 5X1T
2022-14089 GI0RDM
2024-14080 ZP6CC
2044-14085 HK3SGP
2048-14084 ON4UN
2048-14080 LU8EKC

2051-14084 ON4UN
2107-14084 ZP6CC

Monday 23
0317- 7083 VR6MW
0719-14089 VK3AMK
1107-14085 5B4/SM0TGG
1539-14083 4S7NR
1547-14088 V85GA
1805-14086 XT2DP
2050-14081 VE2ADL
2120-14086 HK5CKD
2232-14084 FG5GI
2236-14082 LU8EKC

Tuesday 24
0659-14087 5B4/SM0TGG
1430-14086 VK3AMK
1730-14088 CN1AB

Wednesday 25
1337-14083 VK3AMK
0654-14086 VK3AMK
2102-14084 J79QA
2217-14086 CU1AC
2219-14083 FG5FI

Thursday 26
1230-14081 EU1AZ
1235-14087 GI4SNC
1235-14087 GI3KVD
1535-14085 ES7FQ
1540-14082 JJ3SRU/6Y5
1555-21083 LW2FDM
1557-14086 EG7NTH
1611-14084 JJ3SRU/6Y5
1627-14088 Z31GX
1630-14087 9A1BHI
1632-14088 Z32GBC
1725-14081 EK6OCM
1711-14083 DU1AN
1725-14081 EK6OCM
1940-14083 9A1BHI
2009-14083 9A1BHI

NOTES OF INTEREST:

ANGOLA, D2. Alex, PA3DZN plans to be active early October for at least 6 months or more. Look for him on RTTY.

CONFUSION, KH7. KH6BZF, Lee reminds us that the FCC has started to issue KH7 calls to Hawaii. These are not Kure

Island.

MYANMAR, XZ. KF7AY, Warren Hill has announced that XZ1AN will be active 16-25 November. Warren states that the door to amateur radio has been re-opened. The Central Arizona DX Association will be an all mode, CW/SSB and RTTY operation.

Those participating from the New World Inya Hotel near the city or Yangon are, AB6ZV, AA7WP, JA1BK, K5VT, KC5AYR, KF7AY, N6BT, WA6CDR, N7NG, N7WTU, NZ7E, OH2BH, WA7LNW and WY7K. Three Yeasu FT-1000MP's, Alpha amplifiers, mono band yagis and other special low band antennas will be used. This intense activity from this rare location, will make a great opportunity for all to work XZ. More to follow as we approach.

SILENT KEY, W0HAH. We mourn the loss of beloved RTTY DXer, Bob Stanek, W0HAH who became a silent key 16 September 1996 at the age of 72.

The VK2SG RTTY DX NOTES are also available on the Internet at reflector <digital-dx(AT)st.rim.or.jp>. Check also the OH2BUA Webcluster at URL <http://www.clinet.fi/jukka/webcluster.html>.

For next week's bulletin send your bandpass to
Jules, W2JGR at W5KSI.HASHSIGNNOLA.LA.USA.NA

REMEMBER, DX DON'T SLEEP.
GL DE BOB, WB2CJL at W5KSI.HASHSIGNNOLA.LA.USA.NA

ARLD044 DX news

This week's bulletin was made possible with info provided by Tedd, KB8NW, The OPDX Bulletin, Chris, G4BUE, The DX News Sheet, Charles, S92SS, the Yankee Clipper Contest Club PacketCluster network and Contest Corral from QST. Thanks to all.

SPRATLY ISLANDS, 1S. Jaan, 9M2JJ, has obtained permission from the Malaysian authorities to operate from Pulau Layang, but with a 9M6 call sign instead of the traditional 9M0 call sign. Jaan has filed another application, referencing the previous 9M0A and 9M0S operations and is awaiting a reply.

UGANDA, 5X. Peter, ON6TT/5X1T, reports Gus, 5X1D, has been active on 160 meters on 1823 kHz between 0230z and 0330z.

MOROCCO, CN. Andy, DL2GGA, will be here October 15 to 24, and plans to be active from the club station CN8MC, but probably using his own CN call sign which has not been issued yet. He will try to be active on all HF bands, CW only. QSL via DL2GGA bureau is preferred, but urgent requests via 95/96 CBA.

SYRIA, YK. Look for YK1B from September 28 to October 7. Details on this operation are very slim, but it was reported that this group will put an emphasis on 160 meters. QSL via DL8HCZ.

SAO TOME AND PRINCIPE, S9. Charles, S92SS, has resumed operations on 160 meters on Friday and Saturday evenings when possible, between 2230 and 0300 UTC. He will be active until June 1997.

The Ohio/Penn Dx PacketCluster
DX Bulletin No. 271

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, AD1C, K2YJL, KA2AEV, N3ADL, KJ4VH, W5IJU & Island News, KF7AY, W8KKF, W9JOO, CT1EEB, DL2GGA, DJ8WL, G4BUE & the DX News Sheet, IK1DPA, ON6TT and VE2ZP/VE9CB following DX information.

C6, BAHAMAS. John, K3TEJ, and Ed, WA3WSJ, plan to operate in the CQWW CW contest (November 23-24th) from Abaco Island (IOTA NA-80). QSL via K3TEJ.

KC6, BELAU. The "Island News" reports Paul, LX2AA, will be active in the CQWW SSB Contest as KC6GB (or T82AA), and possibly just as T88A from Helen Reef in Palau's southwest islands (possibly a new IOTA reference). QSL via CBA.

COMING EVENTS

OCTOBER 19TH-20TH JARTS WW RTTY

LATE NEWS FLASH

THE WORLD WIDE PLACINGS AND COUNTRY/STATE PLACINGS FOR THE AMARTS WW RTTY CONTEST WILL APPEAR IN NEXT WEEKS CAST. WATCH THIS SPACE....

Society information

The Society may be contacted at : PO Box 860, Crows Nest 2065 Australia, for such matters as membership and general enquiries. Enquiries can also be made by packet to the President (Col) VK2CTD at VKWI2, or the Secretary (Pat) VK2JPA at VK2WI.

Email address for the Broadcast Officer is :

patl(at)pitt.conmusic.su.oz.au
or patl(at)extro.ucc.su.oz.au

The Society welcomes news items on any digital subjects from anywhere in the broadcast coverage area. We are looking forward to news from your areas to let other amateurs know what you are doing in the hobby. Hope to hear from you.

73s de Pat VK2JPA Broadcast Officer

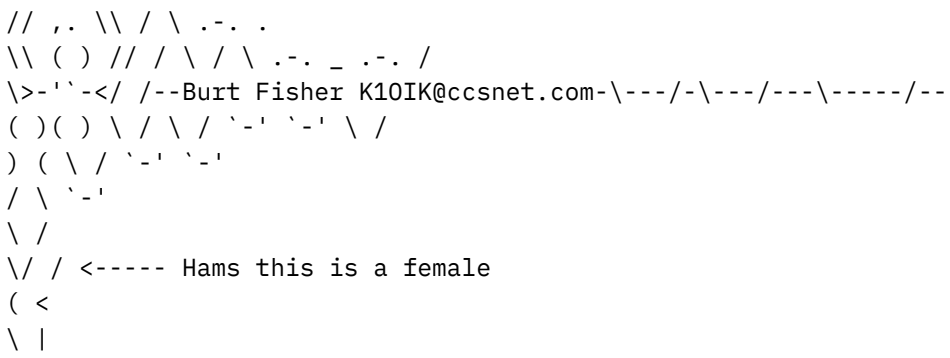
--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2KFU.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | D8 15 71 F9 26 C8 63 40 5E 63 5C 65 FC A0 22 99

4571. What a Wonderful Life.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3258D2A9.7052@ccsnet.com>
Source record: 215411

EMTP4355 wrote:
>
> I wish people would put it in the subject title that a post is related to
> this Burt person.

You are right. Hams pee in their pants if something interesting occurs
in their meaninless little lives.



4572. New Ham Radio FAQ

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: john@wd1v.mv.com
Message-ID: <john-0710960606150001@wd1v.mv.com>
Source record: 215412

Announcing NEW Ham Radio.FAQ

This file started as a regular USENET posting called "rec.radio.amateur
.misc Frequently Asked Questions".

The evolving file was distributed far and wide thanks to passionate
contributors. The file was abandoned in 1994 and has been resurrected
now on the WWW for currency and convenience.

Ham Radio.FAQ contains 3 chapters and many, many links to radio
related sites!

1 - Introduction to the Ham Radio.FAQ
2 - Amateur Radio Organizations, Services, and Data Sources
3 - Amateur Radio Advanced and Technical Questions

Please provide a copy of the Ham Radio.FAQ to any new or soon-to-be Hams
that you know or share with them the URL to this site:

http://www.mv.com/ipusers/wd1v

73,

John D. Seney
http://www.mv.com/ipusers/wd1v

4573. Re: VHF Communications Magazine

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: walt@dial.pipex.com
Message-ID: <325ed8ca.7025111@newnews.dial.pipex.com>
Source record: 215413
Cross-posted to:
uk.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.misc

Michael J Wooding <g6iqm@g6iqm.demon.co.uk> wrote:

>An index of the contents of this issue can be found on our WWW sites, as
>can details of subscribing to the magazine for anyone who may be
>interested.

Now that *is* coming very close to "commercial advertising on Usenet",
Mike!

:-)

73 de G3NYY

--
Walt Davidson E-mail: walt@dial.pipex.com
walt@enterprise.net

4574. What the big guys think of Burt Fisher

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <53arog$1e2e@usenetw1.news.prodigy.com>
Source record: 215414

Patrick Cook <pcook@dimensional.com> wrote:

>And that leads me to this, Burt: If you HATE the hobby as much you
have
>expressed, then why not just sell your equipment and turn in your
>license???

Welcome to "the wonderful world of Burt", Patrick! <g>

Burt is a professional troll. He enjoys nothing more than posting
frivolous and inflammatory statements on here in order to get a reaction
out of others.

Just ignore him.

-Drew in Sunny Central Florida-
KF4DDM

4575. Hamilton A.R.C. Hamfest

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: Jason Clarke <j.clarke@freenet.hamilton.on.ca>
Message-ID: <01bbb449$ccecbda0$4a8bd6ce@jason.office.com>
Source record: 215415

Hello one and all... I have some info on a Hamfest Located in Hamilton,
Ontario....

-=-

The Hamilton Amateur Radio Club Inc.
Presents
HAMFEST `96
An Amateur, Computer, & Electronic Show

When: Saturday October 12, 1996

Where: Ancaster Merrit Hall (Ancaster Fair Grounds)
On #53 Hwy btwn Southcote Rd. & Kittymurry Lane

How Much: General Admission is $6.00 /Canadian
$6.00 includes 1 Grand Prize Ticket

Time: Doors Open to Vendors @ 7:00 am
Doors Open to Public @ 9:00 am

Talk In: VE3NCF - 146.760 (-600kHz) (Optional PL - 131.8)

Parking: Lots, and LOTS of FREE FREE FREE Parking...

Come out to the Hamfest that is Judged by all others... This is the Bigest
Hamfest in the area... Come One, Come All, to the Most Fun Filled Hamfest
in Town...

Info: <a href mailto:harc@freenet.hamilton.on.ca> Hamilton A.R.C.
Or
<a href mailto:aj713@freenet.hamilton.on.ca> Jeff Smallwood - VE3NVY

Or Snail Mail:

Hamilton ARC
P.O. Box 91215
Effort Square Postal Outlet
Hamilton, Ontario
L8N-4G4

-=-

73 de VE3ZYD

4576. Re: for Gary

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <53aski$9ap@freenet-news.carleton.ca>
Source record: 215416

Carl Stevenson (carl@ais.net) writes:
> In <531102$pb8@freenet-news.carleton.ca>, dg198@FreeNet.Carleton.CA (Frank Sved) writes:
>>
>>You're a "digital" person, look at this analogy.
>>
>> Radio components are equal to commands of a programming
>> language. Using commands you build a program (= radio).
>>
>> Which transmitter would require the least amount of instructions
>> to build?
>
>
> Who CARES ????
>
> For example ... the CPU in the machine I'm writing this on runs at
> 120MHz ... CPU cycles are CHEAP ...
>
> (even on DSPs ... I'm aware of a consumer product ... a telephone, to be
> exact ... that has in its complement of devices a 50 MIPS DSP subsystem)
>
> .. complexity (compared to a CW transmitter) is TOTALLY IRRELEVANT ...
> it's HOW WELL DOES IT PERFORM? that you should be asking ...
>
> This is the 1990s, NOT the 1930s ... as I've asked before "Hello? Is
> anybody home? Wake up?!?"
>
>
> Carl - wa6vse
> carl@ais.net
>
>
Thanks for your insight carlo. But instead of deciding what "kind" of
questions people should ask, why don't you listen? It's people like you
on the ham bands who scan around, listen for 1/2 sec, and then butt in
with some insolence and then wooooof off they go. You are like a zit.

--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

4577. Re: CFS & CFJ Murata ceramic filters

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <844685989snz@javiaton.demon.co.uk>
Source record: 215417
Cross-posted to: alt.radio.scanner.uk,alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave,sci.electronics.repair,rec.radio.amateur.misc,rec.radio.amateur.homebrew

In article <3256e419.3197544@newnews.dial.pipex.com> hi80@pipex.dial.com writes:

Joe,

> Does anyone know of a supplier of the full range of CFS or CFJ Murata
> filters, preferably in the UK? I know Cirkit sell them, but their
> range is limited; the narrowest one they sell is 1 khz, while I am
> looking for 300hz or 500hz. I would also like to find a supplier of

Murata in the UK are in Fleet. Phone number is 01252 811666 but unless you
want to open an account with a turnover of several K you won't get
very far :-(

There are several distributors who you could try. Eurodis/HB Electronics
(01204 555000) being one in Bolton although Murata should be able to point to more local
ones (if your not in the NW !)

If you know the specific filter you are after Murata should be able to
tell you which distributors have or have had that particular item. If Murata
or a distributor have no stock you will probably be stuck with minimum order
via a distributor for a few hundred pieces.

> Collins mechanical filters and Hy Q or similar crystal filters.
> Again, I know these are sold by manufacturers such as AOR or Kiwa, but
> they seem to rather more expensive than they should be, as they are
> sold as spares or accessories for their products.

Even if you do find distributors with stock they may well be rather more
commercial that you wish and have minimun order value or qty in which case
getting the single units from AOR and the like can be your best bet.

Good luck with your projects.

--
Cheers,
/--\
Jonathan Clough	HF/VHF/UHF Receivers & Scanners
Javiation,	from all the leading manufacturers
Bradford, UK	Full coverage, "unblocked" scanners Including
Tel: +44 (0)1274 732146	PRO-26/43, UBC-3000XLT, AR5000/7030/8000, WS-1000
Fax: +44 (0)1274 722627	http://www.demon.co.uk/javiation/
Compu$$erve: 100117,53 \---
Internet : Clough@javiaton.demon.co.uk (PGP Key available on request)
\--/

4578. Re: Digital VS. CW Testing

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <53at1l$9fn@freenet-news.carleton.ca>
Source record: 215418

Carl Stevenson (carl@ais.net) writes:
>
> And the fact that your proposed "test" was contrived to be to your
> perceived advantage (while having virtually no meaning) was not lost on
> anyone with any intelligence ...

It ... was ... lost ... on ... you... carl...

>
>
> Carl - wa6vse
> carl@ais.net
>
>

--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

4579. ARLP041 Propagation de KT7H

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: w1aw@arrl.org
Message-ID: <$arlp041.1996@arrl.org>
Source record: 215419
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB PROP @ ARL $ARLP041
ARLP041 Propagation de KT7H

ZCZC AP61
QST de W1AW
Propagation Forecast Bulletin 41 ARLP041
From Tad Cook, KT7H
Seattle, WA October 4, 1996
To all radio amateurs

SB PROP ARL ARLP041
ARLP041 Propagation de KT7H

We just completed a second full week of no visible sunspots.
Average solar flux was about the same as the previous week, and was
below the average for the past 90 day average, which is 71. It
looks like conditions related to the next cycle are not about to
turn up yet.

Over the month of October solar flux is expected to hover around 70
or below, as solar activity continues to stay very low. The
geomagnetic field is expected to become unsettled to active due to
recurring coronal holes from October 7-9, 17-20 and 23-25.

Sunspot Numbers for September 26 through October 2 were 0, 0, 0, 0,
0, 0 and 0, with a mean of 0. 10.7 cm flux was 70, 69.8, 71, 70.1,
69.5, 69.5 and 69.7, with a mean of 69.9.
NNNN
/EX

4580. Re: VANITY CALAMITY

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: prvalko@saturn.acs.oakland.edu
Message-ID: <53avai$43c@news2.acs.oakland.edu>
Source record: 215420

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
: In article <53247j$dpt@redstone.interpath.net> cphillips@pobox.com writes:
: > I agree. I had read that the first applications received would be the
: >first processed, so I made an extra effort (no pun intended :-) to make
: >sure mine would be there early.

Gary replied
: FCC control, they have to use some arbitrary method to select which has
: first priority. A random lottery among each day's receipts seems the
: fairest method.

You folks really need to quityerbitchin. If it were *really* fair, they
would have let gate 2 be for ANY ham licenced 25 years or more, like it
used to be. At least that way those highly prized 1x2 calls would mean
something. Now, NO call will mean *anything*. Which is why mine
(hopefully) will be gone soon :-)

73 =paul= wb8zjl

4581. Re: VHF Communications Magazine

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: billsohl@planet.net
Message-ID: <53b188$c20@jupiter.planet.net>
Source record: 215421
Cross-posted to:
uk.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.misc

walt@dial.pipex.com (Walt Davidson) wrote:

>Michael J Wooding <g6iqm@g6iqm.demon.co.uk> wrote:

>>An index of the contents of this issue can be found on our WWW sites, as
>>can details of subscribing to the magazine for anyone who may be
>>interested.

>Now that *is* coming very close to "commercial advertising on Usenet",
>Mike!

Keep posting these Mike. This is anything but an advertisement. Me
thinks we worry to much about the purity of Usenet (it isn't illegal
to advertise anyway). The short post of your's is a good piece of
info for those of us interested in VHF. I see nothing at all wrong
with what was posted.

Bill Sohl (Amateur Radio Operator K2UNK)
Internet Instructor, Mount Olive (NJ) Community School

4582. Mt Washington NH UHF Repeaters ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: egf@ultranet.com
Message-ID: <egf-0710960942020001@egf.ultranet.com>
Source record: 215422

This weekend I was up in the Mt Washington NH area and was not able to bring up either one of the UHF repeaters. Just wondering if anyone knows what the status of these are.

--
Ed Fortmiller | Hudson MA | egf@ultranet.com

4583. ARRL Contest Info

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: levine@mc.com
Message-ID: <53b2ff$t8q@newsy.mc.com>
Source record: 215423

I was very dissapointed to see that the ARRL has decided not to put
the rules and details of the ARRL Sweepstakes in QST as usual. Instead
they refer the ARRL member-subscriber to purchase another publication.

I do not see the logic in this except to sell the members more books.

This year brings a new section (up to 78 from 77) and even that was not
mentioned in the article (I think Northern New York is the new one??)

I urge members to email the ARRL (hq@arrl.org) if they feel as I do that
this info should be kept in QST. The contest page on the WWW for the
ARRL (http://www.arrl.org/contests/) doesn't have info for SS (besides the
date) and the file that contains the rules that is available for D/L
(arrlcn96n.zip) doesn't list the sections. Even QST doesn't have a concise
listing of all the sections (US & VE) so how does the league expect this
contest to grow and prosper?

--
/**
* Bob Levine *
* KD1GG/VK2GYN/7J1AIS *
* KB1BRM: Anti Algonquin Radio League *
* Manager of Application Engineering *
* Mercury Computer Systems *
* --*
* Opinions expressed in this message are my own personal opinions *
* --*
* Personal Web Page http://www.ultranet.com/~bob/ *
**/

4584. Re: 10 Meter Freqs

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: Gary Bleasdale <garyb@gnatnet.net>
Message-ID: <32590A47.59B@gnatnet.net>
Source record: 215424

Bigdad wrote:
>
> To save me the time hunting and maybe someone else is
> wondering...what is the frequency range that and modes that a
> class C technician license holder may use? Thanks!

First you'll have to tell us what a "class C" technician license is.
And if you currently have a callsign what is it?

Gary
KJ4PV

4585. Re: HF Amateur Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: gfoley@freenet.columbus.oh.us
Message-ID: <53b943$i9e@login.freenet.columbus.oh.us>
Source record: 215425
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Ramon Gandia (rfg.at.nome.dot.net@no.spam.please) wrote:
<snip>

: And hams DID discover the usefulness of short waves.

<snip>

Hate to knock this pleasant myth, but Marconi's trip in Elettra on
1920 or 1921 predated that ham transatlantic tests, which themselves
predated (but led to) the short wave ham bands.

K8EF

--
Gerry

4586. Re: Please, folks...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: Jim Conn <jconn@gte.net>
Message-ID: <32593D2D.101F@gte.net>
Source record: 215426

Michael P. Deignan wrote:
>
> In article <52vjr2$8cb@news.Hawaii.Edu>,
> Jeffrey Herman <jherman@Hawaii.Edu> wrote:
>
> >Anarchy will distroy this newsgroup. .Policy was created to take the
> >code debate off of this group. How can we respect your views when you
> >won't even respect the rec.radio.amateur charter that governs these
> >groups?
>
> Carl doesn't want people to respect his views. He wants to merely
> impose them on you whether you want them or not. His anti-social
> behaviour is a clear indicator of his true intentions.
>
> MD
> --
> --
> -- "Guns don't kill people. I kill people." -- T-shirt slogan
> --
> -- If you don't like my opinions, that's just too damn bad.

Michael,

I agree completely. However, I believe the best possible treatment for such self centered egotists as Carl and his corps of effete snobs is to ignore them as if they did not exist. Reading Carl's self-aggrandizing, boastful posts on rrap made me realize that he considers himself a "legend in his own mind." One can only hope he will confine his prattle to rrap, to which I have unsubscribed.

73,
Jim - AD4VL

4587. Re: Hispanic activity on 10MHz?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: wally@pop.uky.edu
Message-ID: <846.6854T721T1806@pop.uky.edu>
Source record: 215427

On 27-Sep-96 21:29:27, Gary Coffman <gary@ke4zv.atl.ga.us> wrote:

>Ah, but in that case would you always know the correct time?

Ah, who knows the correct time anyway.. I was more interested in testing accuracy of my clock than getting it set correctly.. It's all relative of course!

A el tono, doce menos siete horas URC ahora.

?diez y quatro?

--
-.-. --.- -.-. --.- -.-. --.- -.-. --.- -.-. --.- -.-. --.- -.-. --.- -.. .
. Walter Francis _. KT4LH .
- HP48GX Alinco DJ580 Icom 281 Kenwood 530S o:o -
. Wally@POP.UKY.EDU Life begins on 80 .
--... ...-- --... ...-- --... ...-- --... ...-- --... ...-- --... ...-- ..

4588. 73 Articles wanted

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: hduff@ica.net
Message-ID: <53bau0$mr4@newsfeed.ftn.net>
Source record: 215428

Looking for parts 1 and 3 of a 3 part article from January and March
1994 73 magazine called "Using the world's most accurate frequency
standard".
(I need parts 1 and 2 only, I have part 2)
Gladly repay costs incurred.

Please reply by e-mail: hduff@ica.net

4589. Re: for Gary

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <53bdrm$dnl@jupiter.planet.net>
Source record: 215429

> dg198@FreeNet.Carleton.CA (Frank Sved) writes:
>
> Carl Stevenson (carl@ais.net) writes:
> > In <531102$pb8@freenet-news.carleton.ca>, dg198@FreeNet.Carleton.CA (Frank Sved) writes:

> > This is the 1990s, NOT the 1930s ... as I've asked before "Hello? Is
> > anybody home? Wake up?!?"
> >
> >
> > Carl - wa6vse
> > carl@ais.net
> >
> >
> Thanks for your insight carlo. But instead of deciding what "kind" of
> questions people should ask, why don't you listen? It's people like you
> on the ham bands who scan around, listen for 1/2 sec, and then butt in
> with some insolence and then wooooof off they go. You are like a zit.
>
Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca
>

Frank, for your information, Carl Tech+ for 20 years and darned
proud of his inability to upgrade (20 wpm in his head, electronic
theory balancing on the point of it) does not get on the air!!
Heaven forbid...if he did, he'd be in violation of the law.

So to quote Carl "cut the crap and stop with the FUD'S!!!"

this is soooo great!!!

steve

5wpm is know code

4590. Re: What the big guys think of Burt Fisher

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <53be1h$dnl@jupiter.planet.net>
Source record: 215430

> VUBS79A@prodigy.com (Drew Durigan) writes:
> Patrick Cook <pcook@dimensional.com> wrote:
>
> >And that leads me to this, Burt: If you HATE the hobby as much you
> have
> >expressed, then why not just sell your equipment and turn in your
> >license???
>
>
> Welcome to "the wonderful world of Burt", Patrick! <g>
>
> Burt is a professional troll. He enjoys nothing more than posting
> frivolous and inflammatory statements on here in order to get a reaction
> out of others.
>
> Just ignore him.
>
>
> -Drew in Sunny Central Florida-
> KF4DDM

WAIT A MINUTE!!! Carl called me a troll. I want out. I thought this would be fun, but not associated with anyone from Cape Codfish.

Carl, I resign from the trollship you so graciously bestowed upon me.

steve, former troll, but still spellchecker and FUD counter from his Lordship..The King of Carl Electronic meister supreme
>
>
>>>>

4591. Re: What the big guys think of Burt Fisher

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <53betc$fqc@freenet-news.carleton.ca>
Source record: 215431

Drew Durigan (VUBS79A@prodigy.com) writes:
> Patrick Cook <pcook@dimensional.com> wrote:
>
>>And that leads me to this, Burt: If you HATE the hobby as much you
> have
>>expressed, then why not just sell your equipment and turn in your
>>license???
>
>
> Welcome to "the wonderful world of Burt", Patrick! <g>
>
> Burt is a professional troll. He enjoys nothing more than posting
> frivolous and inflammatory statements on here in order to get a reaction
> out of others.
>
> Just ignore him.
>
>
> -Drew in Sunny Central Florida-
> KF4DDM
>
>

Although I love to disagree with you, Drew, you are quite correct this
time around. Burt not only disturbs us here, but on other groups too.

AUTHOR PROFILE: BURT FISHER <KOTZEBUE@JUNO.COM>

* 185 articles posted between 1996/06/27 and 1996/08/14.
* 75 % followups.
*
Number of articles posted to individual newsgroups (slightly skewed by
cross-postings):
+ [1]82 alt.support.divorce
+ [2]66 rec.radio.amateur.misc
+ [3]22 rec.radio.amateur.policy
+ [4]6 ne.weather
+ [5]1 alt.support.abuse-partners
+ [6]1 alt.support.loneliness
+ [7]1 comp.infosystems.www.browsers.ms-windows
+ [8]1 comp.os.ms-windows.win95.misc
+ [9]1 comp.sys.ibm.pc.hardware.chips
+ [10]1 comp.windows.misc
+ [11]1 misc.invest.stocks
+ [12]1 ne.forsale

+ [13]1 sci.geo.meteorology

--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

4592. Re: Help: RFI with TV

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: n1ist@netcom.com
Message-ID: <n1istDyx3D7.7Lr@netcom.com>
Source record: 215432

In article <1996Oct6.225738.13420@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:
-In article <537s3f$g4f@csun2.csun.edu> hbcsc274@huey.csun.edu (jerry wang) writes:
->Whenever I transmit on any 2 meter frequency, channel 18 goes out
-Well, Jerry, cable ch 18 *is* the 2m band, so filters won't help.
-All you can do is tighten up the cable system so there's no signal
-ingress
-It sounds like there's a *serious* leak in the cable TV system
-nearby. Sniff around 145.18 MHz and see if you hear anything.

You sould also listen to 145.25; that's the video (or is it the audio) subcarrier freq for channel 18...
/mike
--
\|/ Michael L. Ardai N1IST n1ist@netcom.com \|/
-*- === Boston Amateur Radio Club: http://www.barc.org/barc === -*-
/|\ or send "info barc-list" to listserv@majordomonetcom.com /|\

4593. Re: Suffixes to amateur call signs

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <53bhor$rko@abyss.West.Sun.COM>
Source record: 215433

In article <534qfn$akj@bashir.peak.org>, Bill Nelson <billn@PEAK.ORG> wrote:
>Anthony R. Gold (tgold@microvst.demon.co.uk) wrote:
>
>: Yup, but the /6 really relates to being away from the location of the
>: address on the Station License rather than being away from the region
>: of call district. For example, if Jim moved to California and
>: changed the address on the Station License (actually now just the
>: mailing address for the single Operator and Station License) then if
>: he was at home he would sign KH2D in California, it would be KH2D/6
>: when travelling near to his new home and KH2D/2 when visiting his old
>: haunts.
>
>Have they changed the rules in the US? It used to be that you used the
>/n suffix whenever operating out of district.

It used to be that one had to sign 'portable' and 'mobile' with the
district when operating portable and mobile. However, something like
20 years ago the FCC dropped these requirements, I think at the same
time they dropped the logging requirements.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

4594. Re: MBBIOS under Win95 - HOW ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: Rick Bates <rbates@wco.com>
Message-ID: <3259492E.7D1A@wco.com>
Source record: 215434
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc

Jeff King wrote:
>
> Fredrik Elversson wrote:
> >
> > Hello,
> >
> > I am trying to run MBBIOS (and the DOS-versoin of FBB) under Win95.
> > MBBIOS woni¿½t start (i.e FBB cani¿½t sync the modem at startup). Is there
> > a way to let MBBIOS to have full access to COM2 ? Something to write
> > in the sysintem.ini-file perhaps....?
> >
> > Or how is it done otherwise....
> >
> > 73 de Fred SM7UGE
> >
> > Packet: SM7UGE@SM7UGE.F.SWE.EU
> > E-mail: fredrik.elversson@mailbox.swipnet.se
>
> Never used MBBIOS under WIN95 but have used other DOS com drivers.
> Delete the reference to COM2: in the system setup, device drivers
> section (under ports, COM2:). If WIN95 doesn't know its there, then
> it shouldn't object to MBBIOS grabbing it.
>
> -Jeff WB8WKA

If you delete it, Win95 will "find" it during the next bootup. Simply
uncheck it from the configuration and it will be ignored.

Rick

4595. Far Ccts. list ??

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: hduff@ica.net
Message-ID: <53bll7$rpe@newsfeed.ftn.net>
Source record: 215435

A while back I saw mention of a Web site that keeps a current list of
circuit boards available from Far Circuits.
I'd appreciate any guidance to such.

Thanks, Hugh VA3TO

4596. Re: 10 Meter Freqs

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: Bigdad <Bigdad@Rworld.com>
Message-ID: <53bq3b$frp@kirin.wwa.com>
Source record: 215436

Ok this is getting QUITE rediculous. YES im sorry to say i do have a call sign which i will not give here. I asked what i thought was a simple question and was berated with demands for explanations well horse hockey!!! Ill get my information elsewhere. Like i said in one other reply hams USED to be friendly and helpful but that seems to have gone the way of the 807!!

4597. Re: 10 Meter Freqs

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: Bigdad <Bigdad@Rworld.com>
Message-ID: <53bpsr$frp@kirin.wwa.com>
Source record: 215437

Mahn why do >I< have to explain so much? was it NOT a simple
question? I have been out of the ham circles for a while and
would like to get back into it. Now im not so sure tho hams USED
to be helpful but it seems that has changed!!

4598. updated homepage

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: Dave Booth <booth@pactitle.com>
Message-ID: <32596CBB.167E@pactitle.com>
Source record: 215438
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.equipment

http://www.geocities.com/Hollywood/5860
--
Dave Booth

4599. Re: 10 Meter Freqs

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: Bigdad <Bigdad@Rworld.com>
Message-ID: <53bpp2$frp@kirin.wwa.com>
Source record: 215439

Im sorry .... I got my license in 1970 and at that time you had to pass a 5 wpm code test, you were labeled class "C" meaning all you had to do was pass the 13 wpm code to get your General. In later years those "C" techs were granted some extended priviledges to seperate them from the No Code techs, one of those was a small portion of the 10 meter band to use.

4600. Re: VANITY CALAMITY

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: cphillips@pobox.com
Message-ID: <53bmu3$l7g@redstone.interpath.net>
Source record: 215440

prvalko@saturn.acs.oakland.edu (prvalko) wrote:
>Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
>: In article <53247j$dpt@redstone.interpath.net> cphillips@pobox.com writes:
>: > I agree. I had read that the first applications received would be the
>: >first processed, so I made an extra effort (no pun intended :-) to make
>: >sure mine would be there early.
>Gary replied
>: FCC control, they have to use some arbitrary method to select which has
>: first priority. A random lottery among each day's receipts seems the
>: fairest method.
>You folks really need to quityerbitchin. If it were *really* fair, they
>would have let gate 2 be for ANY ham licenced 25 years or more, like it
>used to be. At least that way those highly prized 1x2 calls would mean
>something. Now, NO call will mean *anything*. Which is why mine

I agree, that would have been best. Save 1x2 calls for Extra Class hams
who have been licensed for 25 years or more. And my opinion on this is not
at all influenced by the fact that I am an Extra Class ham and have been
licensed for 28 years :-). (Why I was a mere child when I got my license
back in 1968... with no "dad" or "uncle" who was a ham to help, either. :-)

But the 25 year rule for 1x2 calls was violated when they had the big 1x2
call assignment period in the middle 1970s, so I wasn't deluded that they
would be so historically minded this time. For a long time, you could tell
about when someone was licensed by their call. Now you can 'sort of' tell
their license class by their call.

========== Opinions expressed are solely those of the author =========
Curt Phillips, CEM KD4YU (ex-WB4LHI) | Motto of the
Engineer/Writer/Double Naught Spy | Tarheel Scanner/SWL Group:
Chairman, Tarheel Scanner/SWL Group | #1) If it's expensive and
ARRL Life; QCWA; Raleigh ARS; NRA; AEE| electronic, we like it.
==== cphillips@pobox.com ==== [Copyright 1996 All rights reserved]====

4601. TS440S PLL UNlock Problem

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: dk9xq@aol.com
Message-ID: <53brmr$6a0@newsbf02.news.aol.com>
Source record: 215441

DK9XQ @aol.com
Dr HAMS, I had a problem with my TS 440S, after 3 years it is not transmitting on 20m and on 15m and on 40m. The Display, the decimal points are flashing shortly. I think the PLL is unlocked.. Who can give me some Repair tips?
I Think it is a common TS 440S fault.

TNX , DK9XQ Johannes Hamburg, Germany

4602. Re: 10 Meter Freqs

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: Cecil Moore <Cecil_A_Moore@ccm.ch.intel.com>
Message-ID: <32597025.2CA2@ccm.ch.intel.com>
Source record: 215442

Bigdad wrote:
> I asked what i thought was a simple question and was berated
> with demands for explanations...

It wasn't a simple question because none of us have ever heard
of a "class C technician license". Could it be that you are asking
about the (coded class technician license) i.e., tech+? If so,
28.1-28.3 CW,RTTY,data and 28.3-28.5 CW,SSB

73, Cecil, W6RCA, OOTC (not speaking for my employer)

4603. The future of Ham Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: Bigdad <Bigdad@Rworld.com>
Message-ID: <53bql9$frp@kirin.wwa.com>
Source record: 215443

This isnt really meant to be an attack on anyone but right now im very disapointed in a fraternity that USED to be helpful to others and friendly, all of which seems to have been replaced with suspicion and attitude. I also am well aware that not ALL hams fit into this catagory of the "new wave" hams. I asked one simple question about a spectrum of frequency that i as a long time Technician who went the whole route of passing a code test and theory could now use and i get replies such as "what is your call sign" and "what is a class "C" and "wouldnt it be within the realm of knowledge requirement for a operator to know this?" If i knew i would NOT ask, and why should my call sign have anything to do with it, i have been licensed since 1970 by the way. If this is the mainstream attitude of the ham radio public then it is doomed to death. We need to work TOGETHER not AGAINST each other to keep people in our folds and to bring new in. We need to protect what we have...if you dont use it you lose it, this is what i was trying to do. Again i appologise to those that dont fit the above mold...those are the true hams the others? Well 11 meters is STILL there i think.

4604. Re: 10 Meter Freqs

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: tgold@microvst.demon.co.uk
Message-ID: <844723511snz@microvst.demon.co.uk>
Source record: 215444

In article <53bpp2$frp@kirin.wwa.com> Bigdad@Rworld.com "Bigdad" writes:

> Im sorry .... I got my license in 1970 and at that time you had
> to pass a 5 wpm code test, you were labeled class "C" meaning all
> you had to do was pass the 13 wpm code to get your General. In
> later years those "C" techs were granted some extended
> priviledges to seperate them from the No Code techs, one of those
> was a small portion of the 10 meter band to use.

The bit about only needing the 13wpm Morse Code test for a General
Class License is true for all Tech's, and that is not the distiction
between your class and that of other newer Tech's.

The License Class of folks who now hold a Technician ticket and have
held it since before February 14, 1991 is now called Technician Plus,
and it differs from plain Tech's in that it holds the the sum total
of privileges of both the Technician and the Novice Classes.

On 10m you may use any frequency between 28.100 MHz and 28.500 MHz
and in the lower frequency half you may use c.w., rtty and data and
in the upper half only c.w. and phone (J3E and R3E).

BTW, it's not just some 10m frequencied that you get on HF. You also
have allocations on 80m, 40m and 15m.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

4605. Callsign Patterns

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: k0hb@hamlink.mn.org
Message-ID: <844690534.AA07412@hamlink.mn.org>
Source record: 215445

At some time in the past it seems that FCC may have had a formal or informal policy of assigning calls to some entities based on a predetermined pattern.

For example, a lot of club stations at universities have calls in the pattern "W#Y$" (1x2, W prefix, with "Y" as the first letter in the suffix). There are a lot of those still around and I can remember many more in the past which probably are expired. Examples are W1YA, W1YU, W0YC.

Also, I seem to remember that a lot of Navy and Army Reserve Centers had calls in the pattern K#USN and K#USA.

It would be interesting if anyone knows of other old patterns like that.

By the way, my friend W0CRO is disappointed that he cannot retrieve his original call in the vanity program. It was 9CWN. (No, not W9CWN, not K9CWN, not N9CWN, just plain 9CWN!)

73, de Hans, K0HB (Whose original call KG6AQI will soon be recycled!)

4606. Re: Suffixes to amateur call signs

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <53br3a$2u5@anomaly.ideamation.com>
Source record: 215446

In article <536hc4$mnv@news.Hawaii.Edu>
jherman@Hawaii.Edu "Jeffrey Herman" writes:

> You've made a grave but common error, Tony. Guam in not in the 2nd
> call district. In your example, Jim would be operating up in New
> England, not Guam.

Actually Jeff, a 2-land call is the New York area, not New England,
which is 1-land.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

4607. Re: TS440S PLL UNlock Problem

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <53bupp$ff2@jupiter.planet.net>
Source record: 215447

> dk9xq@aol.com (DK9XQ) writes:
> DK9XQ @aol.com
> Dr HAMS, I had a problem with my TS 440S, after 3 years it is not
> transmitting on 20m and on 15m and on 40m. The Display, the decimal points
> are flashing shortly. I think the PLL is unlocked.. Who can give me some
> Repair tips?
> I Think it is a common TS 440S fault.
>
> TNX , DK9XQ Johannes Hamburg, Germany

a VERY common problem. The PLL circuit needs replacement. Can't
speak for Germany, but Kenwood USA charged several I know about
$180US.

The proof of the defect is that the display will show 7 dots. If you
see this..dots all folks...sorry couldn't resist.

good luck

steve

4608. Re: What the big guys think of hams.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: pcook@dimensional.COM
Message-ID: <Pine.SUN.3.95.961006184132.25379G-100000@nova.dimensional.com>
Source record: 215448

Burt:

On Sun, 6 Oct 1996, Burt Fisher wrote:

> Patrick Cook wrote:
> >
> > Burt, first of all, you are a genius. To make the text of your message an
> > attachment instead of a plainly viewable message, that truly shows your
> > colors.
>
> That is the only way I can import text composed off line.
> You are the first ever to mention this.

Gee!! I feel honored.......

> > I especially *LOVED* the part about hams NOT doing the public any good in
> > emergency situations anymore.
>
> Remember I was not the author however hams do a minute amount of good.
> But it is rare that a ham does anything but blab while sitting on his
> fat white butt.

You were NOT the author??? Gee, I don't seem to recall you quoting
anyone!!!

But then again Burt, you're ALWAYS right and the rest of the world is
infoulable.

> > YO BURT!!! REALITY!!! Ham Radio is MUCH more effective in emergency
> > situations than cellular telephones. But then of course, living up there
> > in the NE area, you wouldn't know ANYTHING about this, would you???
>
> Your example is?

Read the text of the message I responded to in the first place and you'll
see.

> > And to think you call yourself a "real ham".
>
> Are God damn nuts. I NEVER EVER called myself that. Where did you get
> that from?

You don't have to call yourself that, Burt. You just act like you know it
all and that the rest of the world is (once again) INFOULABLE!!!

In short Burt, what you're saying is that you NEVER make mistakes. And if
you do, you don't acknowledge them.

I however will acknowledge the fact I may have slightly erred in my
comments regarding the hurricane (as you pointed out rather politely).

> > I'll admit it. I'm still a no-code techie. But given what you said in
> > the attached message, almost ANYONE (short of a complete newbie) knows a
> > heck of a lot more than you do.
>
> No coders are just fine. How do you know what I know? If you were a
> SYSOP
> of a packet board you might be God.

Oh Puhleaze, Burt. Don't even try to put yourself on some sort of
pedestal. It just doesn't work with you as you make for a LOUSY actor.

> > There are MANY hams who work for a living. There are even husbands and
> > wives who communicate with each other via 2 meters and 440 EVERY DAY!!!
>
> That is the only way most hams COMMUNICATE with their wives. They NEVER
> make love.
^^^^^^^^^
Did I say they do??? I don't seem to recall EVER saying those words or
any words even REMOTELY close to them.

> > And to go even one step further, there are KIDS (remember them??) who GO
> > TO *SCHOOL* with their HT's!!!!! In fact Colorado happens to be the home
> > of the BARC Jr. club, which is sponsored by the Boulder ARC!!!
>
> We call those kids PIMPLE FACED GEEKS.
> I have students that are ASHAMED to admit they are hams.

If I had YOU as an elmer, I'd be ashamed too.

> > You still want to write to congress IN FAVOR of the Little Leos NOW,
> > Burt???? If so, I think you'll find yourself a VERY lonely person....
>
> I already have. Plus I appeal to congress to take the frequencies FROM
> hams and use them for a PRODUCTIVE purpose.

What other productive purpose can there possibly be, Burt??? Are you
suggesting that we hams just have access to HF, 6 meters, and microwave???
How can you call THAT "production" ESPECIALLY since there's other
UNOCCUPIED and UNUSED spectrum which they can obtain and make use of just
as easily!!!

How about 900 Mhz.??? I know there's not much Amateur activity up there.
And besides, satelites require the higher frequencies anyway. Do the
math, Burt!! Once you do, you'll realize that this is just yet another
ill-conceived attempt by a bunch of corporate bigwig yahoos who's only
knowledge of the satellite industry is the $$$ it puts in their pockets.

Therefore Burt, I submit to you that you are perhaps the ONLY ham on the
face of the earth (most certainly in America) who's IN FAVOR of the Little
LEO project.

My oh my!! How lonely that must be.....

> > And that leads me to this, Burt: If you HATE the hobby as much you have
> > expressed, then why not just sell your equipment and turn in your license???
> > That would make things so much simpler, and we wouldn't have to hear your
> > &^$#&(&*%$@# bellyaching!!!!!!!
>
> You are right it is rare for a ham to hear and accept DIFFERENT views.

No. It's rare (not to mention hard) for a ham to hear and accept a point
of view that ultimately leads to selling ham radio down the river without
a paddle!!!

Patrick Cook, KB0OXD
Denver, Colorado
pcook@dimensional.com

4609. Re: TS440S PLL UNlock Problem

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: frederick.mckenzie-1@kmail.ksc.nasa.gov
Message-ID: <frederick.mckenzie-1-0710961847530001@k4dii.ksc.nasa.gov>
Source record: 215449

In article <53brmr$6a0@newsbf02.news.aol.com>, dk9xq@aol.com (DK9XQ) wrote:

> The Display, the decimal points
> are flashing shortly. I think the PLL is unlocked.. Who can give me some
> Repair tips?
> I Think it is a common TS 440S fault.

Johannes-

I understand that Kenwood used some kind of potting material on the TS-440
VCO coils, that becomes conductive with age. I suppose it might have some
acid in it, that corrodes the coil wire.

This is the most likely theory I've heard about the TS-440 VCO problem.
If true, it is necessary to find a way to remove this material.
Replacement of the coils may be an alternative, if they are available.

73, Fred, K4DII

4610. Re: easy gentlemen...2m dx

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: jxs2151@shore.intercom.net
Message-ID: <53c12d$5ob@shore4.intercom.net>
Source record: 215450

Men are about as happy as they make their minds up to be..

Lincoln

In article <535k4n$27mc@usenetw1.news.prodigy.com>, VUBS79A@prodigy.com (Drew Durigan) wrote:

>
>It's a crappy world that we live in, and getting worse all the time.
>
>
>-Drew in Sunny Central Florida-
> KF4DDM
>

4611. Re: What the big guys think of hams.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: cphillips@pobox.com
Message-ID: <53bqr5$l7g@redstone.interpath.net>
Source record: 215451
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Burt Fisher <k1oik@ccsnet.com> wrote:
>Patrick Cook wrote:
>> Burt, first of all, you are a genius. To make the text of your message an
>> attachment instead of a plainly viewable message, that truly shows your
>> colors.
>That is the only way I can import text composed off line.

So Burt, you are as incompetent as an Internet/Usenet operator as you are
a ham radio operator.

>Remember I was not the author however hams do a minute amount of good.
>But it is rare that a ham does anything but blab while sitting on his
>fat white butt.

That might be offensive to the several hams of darker skinned African
descent who I know around here, especially those who assisted (as did I)
with the emergency communications during Hurricane Fran. But then again,
accuracy has never been a strength of yours.

>> YO BURT!!! REALITY!!! Ham Radio is MUCH more effective in emergency
>> situations than cellular telephones. But then of course, living up there

Cell phones were of very limited use in the aftermath of Fran. A lot of
cell sites were out of service. When the governor needed to talk to
Wilmington from Raleigh, he chose ham radio, and we came through for him.

>I live on Cape Cod, Eduardo passed close enough to bring out the hams.
>What a sad bunch they were to listen to. They used 1000 words to convey
>what 10 words would have.

No doubt as a result of listening to you.

>> And to think you call yourself a "real ham".
>Are God damn nuts. I NEVER EVER called myself that. Where did you get
>that from?

No, you called yourself and the person who was the originator of that
post, "the big guys". Be careful, "big guy"... that pedestal you've placed
yourself on may not seem big enough as you inflate yourself.

>> There are MANY hams who work for a living. There are even husbands and
>> wives who communicate with each other via 2 meters and 440 EVERY DAY!!!
>That is the only way most hams COMMUNICATE with their wives. They NEVER
>make love.

Admittedly, that's what *your* wife has told many of us about you, but I
wouldn't generalize based just on your situation.

>We call those kids PIMPLE FACED GEEKS.

I guess that's why you're a teacher Burt... you like to pick on kids and
call them names.
And you being a teacher explains a lot about what is wrong with our
educational system.

>I have students that are ASHAMED to admit they are hams.

I'm sure they are ashamed to admit they have anything to do with you
in any way, shape or form.

>I will pee in my pants from excitement. My daughter was licensed at age

Undoubtly a common occurance for you. There are some undergarments (adult
diapers) sold nowadays that can help you with these unfortunate incidents.
My elderly grandmother had to use them.

>8 to
>a license HIGHER than yours. Big deal.
>I already have. Plus I appeal to congress to take the frequencies FROM
>hams and use them for a PRODUCTIVE purpose.

Based upon the incoherent way you express yourself, I'm sure
your congressional office holds your opinions at the same level of esteem
as does everyone here on the newsgroup.

> .-.
> // ,. \\ / \ .-. .
> \\ ( ) // / \ / \ .-. _ .-. /
> \>-'`-</ /--Burt Fisher K1OIK@ccsnet.com-\---/-\---/---\-----/--
> ( )( ) \ / \ / `-' `-' \ /
>) (\ / `-' `-'
> / \ `-'
> \ /
> \/ / <----- Hams this is a female
> (<
> \ |

Wrong again, Burt. That is a pictorial representation of a female.
Burt, there is a REALLY BIG DIFFERENCE between a picture of a female, and
an actual female, but I suspect you haven't had many occasions to find that
out. Perhaps that's why you hate ham radio so much... the money you spend
on ham radio gives you less money for your subscriptions of Playboy,
Penthouse, et al to expand your experiences with [pictures of] females.

========== Opinions expressed are solely those of the author ==========
Curt Phillips, CEM KD4YU (ex-WB4LHI) | They that can give up essential
Engineer/Writer/Hurricane Fran Survivor| liberty to obtain a little
Chairman, Tar Heel Scanner/SWL Group | temporary safety deserve neither
ARRL Life; QCWA; Raleigh ARS; NRA; AEE |liberty nor safety. -Ben Franklin
===== cphillips@pobox.com ====== [Copyright 1996 All rights reserved]====

4612. IPS Daily Report - 07 October 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <53c3i8$kh@flare.syd.ips.oz.au>
Source record: 215452
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 07/2330Z OCTOBER 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE AUSTRALIAN SPACE FORECAST CENTRE
SUMMARY FOR 07 OCTOBER AND FORECAST FOR 08 OCTOBER - 10 OCTOBER

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 68/2

GOES satellite data for 06 Oct
Daily Proton Fluence >1 MeV: 1.6E+06
Daily Proton Fluence >10 MeV: 1.7E+04
Daily Electron Fluence >2 MeV: 2.9E+07 (normal)
X-ray background: A1.0
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
08 Oct 09 Oct 10 Oct
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 08 Oct: 68/2

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Quiet

Estimated Indices : A K Observed A Index 06 Oct
Learmonth 6 2211 2222
Fredericksburg 5 4
Planetary 3 3

Observed Kp for 06 Oct: 1010 1210

2B. MAGNETIC FORECAST
Date Ap Conditions
08 Oct 8 Quiet to unsettled
09 Oct 10 Unsettled
10 Oct 6 Quiet to unsettled

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band

Date Low Middle High
07 Oct Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
08 Oct Normal Normal Normal
09 Oct Normal Normal Fair
10 Oct Normal Normal Normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
07 Oct 5

Observed Australian Regional MUFs:
Darwin: No data.
Townsville: near to 15% below predicted monthly values.
Sydney: near predicted monthly values.
Hobart: near predicted monthly values with spread F 10-19UT.

Predicted Monthly T index for October: 10

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
08 Oct 0 about 10% below predicted monthly values
09 Oct 0 about 10% below predicted monthly values
10 Oct 5 near predicted monthly values

--
IPS Radio and Space Services | email: asfc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/asfc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
tel: +61 2 94148300 | fax: +61 2 94148331

4613. Source for "smart" charger???

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: voltages@aol.com
Message-ID: <53c7aq$bj8@newsbf02.news.aol.com>
Source record: 215453

Hi All - I'm looking for a source for a "smart" charger for 12 volt gel cells. A board or a kit for home-brew would be OK too. Help would be appreciated. 73 de Gene K2AKV

4614. have you seen this . . .

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: billscot@diac.COM
Message-ID: <2.2.16.19961007170028.317f8f12@diac.com>
Source record: 215454

--- begin reply
Selected by your NewsHound profile entitled "BILL2". The selectivity score was 74 out of 100.

FEATURE/Simulated Emergency Test helps Amateur Radio operators prepare for real emergencies
Feature Editors, Communications Writers

FEATURE...

NEWINGTON, Conn.--(BUSINESS WIRE FEATURES)--Oct. 7, 1996--When wildfires swept through Alaska in early June and both cellular and conventional phones became overloaded, Amateur Radio operators provided an essential communications link between Anchorage and an evacuation center at Wasilla, 50 miles away.

Amateur Radio operators also provided vital communications for the Red Cross following the crash of TWA Flight 800 off the coast of Long Island earlier this year.

Within minutes of the Oklahoma City bombing in April 1995, Amateur Radio operators were on the scene, providing an emergency communication network that helped organize supplies and coordinate fire, police and rescue crew efforts from various communities. The Amateur Radio community was praised by Oklahoma Sen. Don Nickles in the Aug. 11, 1995 Congressional Record for `providing an essential service to rescue operations.`

These volunteer communication efforts didn't happen by accident. Amateur Radio operators are often among the first to respond to emergencies. That's why the 172,000-member American Radio Relay League (ARRL) annually sponsors the Simulated Emergency Test for its members. This year's test takes place the weekend of Oct. 12-13.

The exercise is held in conjunction with emergency aid providers such as the American Red Cross, Salvation Army and the Federal Emergency Management Agency. Last year's participants provided communication during simulated tornadoes, earthquakes and air disasters.

`The Simulated Emergency Test challenges the communications skills of thousands of Amateur Radio operators who are members of the Amateur Radio Emergency Service, a network of more than 35,000 Radio Amateurs nationwide,` says Steve Mansfield, legislative and public affairs manager for the ARRL. `The simulation helps amateur operators train for real emergency communications situations.`

According to Mansfield, the exercise teaches Amateur Radio operators how to handle messages from other individuals and agencies using a standardized message format. Amateur Radio operators witness the National Traffic System in action as messages are carried via assigned liaison stations to all levels of the

message-handling system.

The ARRL provides emergency coordinators in all 50 states with the support and background materials they need to participate in the simulation. Many times, these demonstrations convince government officials to include Amateur Radio in their emergency communications plans.

There are more than 650,000 Amateur Radio operators in the United States and about 2.5 million worldwide. Information on how to become involved in ham radio is available from the American Radio Relay League, 225 Main Street, Newington, CT 06111 or by calling 1-800-32-NEW-HAM. -0-

NOTE TO EDITORS: Tech Image Ltd., the ARRL's national public relations firm, can provide licensed Amateur Radio operators who participate in the Simulated Emergency Test for interviews. Call Mike Nikolich at 847/705-0040, ext. 222 for more information.

--30--mjb/clv..

CONTACT: ARRL

Jennifer Gagne, 860/594-0328

or

Tech Image Ltd.

Mike Nikolich, 847/705-0040, ext. 222

KEYWORD: CONNECTICUT ALASKA NEW YORK OKLAHOMA

INDUSTRY KEYWORD: TELECOMMUNICATIONS COMPUTERS/ELECTRONICS COMED

REPEATS: New York 212-752-9600 or 800-221-2462; Boston 617-236-4266 or 800-225-2030; SF 415-986-4422 or 800-227-0845; LA 310-820-9473 Today's News On The Net - Business Wire's full file on the Internet with Hyperlinks to your home page. URL: http://www.businesswire.com

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--- end reply text
> <<<BOLDER BILL>>>
> billscot@diac.com
> you may also write to:
> n0jio@filebank.com
> HAVE A NICE DAY

4615. Amateur Radio Newsline #999 (Corrected) 04 Oct 1996

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-07 00:00:00 UTC
From: bigsteve@dorsai.org
Message-ID: <nhbWyQQI898V092yn@dorsai.org>
Source record: 215455
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB NEWSLIN @ ALLBBS $NLIN.999
Amateur Radio Newsline (Corrected) #999 04 Oct 1996

The Newsline Information and Copyright Notice is now published seperately every month. Please read this notice before using any part of Newsline in any manner. For a copy of the notice e-mail bigsteve@dorsai.org or netmail Steve Coletti @ 1:278/230 on Fidonet.

* * * * * * * * * * * * * *
* * * U P D A T E D * * *
* * * * * * * * * * * * * *
Editor: I receive incorrect information in one of the stories. This copy has been corrected. Sorry for the inconvenience.

NEWSLINE RADIO - CBBS EDITION #999 - 10/04/96

(***)
(* *)
(* A M A T E U R *)
(* *)
(* R A D I O *)
(* *)
(* N E W S L I N E *)
(* *)
(***)

The following is late news about Amateur Radio for Radio Amateurs as prepared from NEWSLINE RADIO scripts by the staff of the AMATEUR RADIO NEWSLINE, INC., formerly the WESTLINK RADIO NETWORK. Amateur Radio Newsline is a audio news service distributed via telephone.

This hardcopy version is produced by Dale Cary - WD0AKO from scripts provided to him weekly by Newsline. It is then distributed to on-line services, bbs networks and internet user jointly by Dale Cary and Steve Coletti.

Editorial comments, news item and all other business should be directed to:

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America Online: billwa6itf@aol.com
Phone: (805) 296-7180
Fax: (805) 296-7180

(Fax senders wait for voice prompt.)

Hardcopy comments or complements can be directed to:

Dale Cary, WD0AKO
Hardcopy Distribution for Newsline

Internet E-mail: wd0ako@rrnet.com
Phone: (218) 236-6324

For further information about the AMATEUR RADIO NEWSLINE, please write to us with an S.A.S.E. at:

NEWSLINE
c/o Andy Jarema-N6TCQ
P.O.Box 660937
Arcadia, CA
91066

Thank You,
NEWSLINE

(**********
Some of the hams of AMATEUR RADIO NEWSLINE: WA6ITF WB6MQV WB6FDF K6DUE W6RCL N6AHU N6AWE N6TCQ K6PGX N6PNY KU8R N8DTN W9JUV KC9RP K9XI KB4KCH KC5UD KC0HF G8AUU WD0AKO DJ0QN and many others in the United States and around the globe!!!
(**********
[999]

C L O S E D C I R C U I T A D V I S O R Y

Newsline report number 999 for release on Friday, October 4, 1996 to follow.

(*****
The following is a QST

The Department of Defense ends the use of Morse code in the Military Affiliate Radio System. Also, will your new vanity call be issued by lottery? Find out on Newsline report number 999 coming your way right now!

(*****
MARS BANS CW

The Department of Defense has unilaterally banned the use of Morse code on all Military Affiliate Radio System circuits. CW nets and other Morse activity in the Military Affiliate Radio System were ordered to cease operation effective October 1st.
A final CW message was transmitted simultaneously on Army, Navy and Air Force MARS frequencies at 13:00, 15:30 and 17:00 UTC on September 30th. A special certificate commemorating the demise of CW in the Military Affiliate Radio Service is available to any MARS member that correctly copied that final message.

No detailed explanation was given for by the Department of Defense for dropping the use of CW in MARS communications. Observers say that this could be the final impetus needed to get the code dropped as a mandatory testing requirement at upcoming World Radio Communications Conferences before the end of the decade.

(*****
N6NHG INDICTED

Kevin David Mitnick, N6NHG, has been indicted on new charges of carrying out a thirty month reign of software thefts that cost the nations corporations millions of dollars. The thirty three year old convicted computer hacker was charged on Thursday, September 26th with a new twenty five count indictment. An indictment that accuses him of breaking into the systems of software companies and attacking computers of Internet service providers.
News reports say that Mitnick and a co-defendant were indicted on charges that include wire fraud, impersonating company employees to gain access to computers and using cloned cellular phones and damaging computers at the University of Southern California.
Mitnick is considered one of the worlds leading experts at writing computer security breaching programs. Authorities say that this allowed him to gain access to even the most heavily guarded computer systems.
Using the internet pseudonym of Condor, N6NHG eluded investigators for two and a half years. He was eventually caught in February in Raleigh, North Carolina. This, after authorities enlisted the help of a computer security expert. In addition to this hacker tracker, the nationwide investigation involved a multi agency task force that included the Federal Bureau of Investigation, the Internal Revenue Service and the Department of Justice and NASA.
Mitnick has previously pleaded guilty in April to one federal count of cellular phone fraud and violating his parole from an earlier computer fraud conviction. That case concerned his activities between January and February of 1995 in North Carolina. This latest set of indictments alleges a set of crimes committed between June 1992 and February 1995. If convicted on all counts, Kevin David Mitnick, N6NHG could face up to 200 years in federal prison.

(*****
HAMS CHARGED IN PHONY POLICE CALLS

Three ham radio operators from Mesa, Arizona, have now been officially charged in the wake of a year long spree of false distress calls and profane broadcasts on police, fire and ham radio frequencies. The trio, reportedly led by a 16 year old Mesa Police Explorer Scout, are alleged to have faked reports of bomb scares, carjackings and robberies, and officers in distress. Investigators claim that the three also played music on emergency channels and harassed police dispatchers.
Charged in the case are 20 year old Christopher R. Johnson, KC7QPJ. And in an unusual move, police also released the identity the two 16 year old minors. They are identified as Brad E. Shelley, KC7JQY, and Joshua D.

Cavender, KC7JGH. Johnson and the teenagers are accused of interfering with public safety frequencies, impersonating a police officer and false reporting.
As first reported on Newsline a month ago, it was members of the Arizona Repeater Association's Local Interference Committee located the alleged offenders. The ham radio operators also aided police and FCC inspectors in gathering enough evidence to make the arrests.

(*****
FCC FINE AGAINST COFFIELD REAFFIRMED

The FCC is holding then line on a fine that it issued against a Californian for operating without a license. The FCC has denied +n application for review of a $2,000 fine against Danny Lee Coffield of Lakewood, California. This, for unlicenced operation in spectrum adjacent to the 11 meter Class D Citizens Band.
The FCC Compliance and Information Bureau had leveled the fine last year and affirmed it earlier this year. Coffield was cited for operating an unlicensed transmitter on 27.7744 MHZ back in 1993. Since that time, he obtained an Amateur Radio license.
The FCC says that it had warned Coffield of the potential penalties for unlicenced operation prior to citing him on September 29, 1993. The FCC has not indicated whether Coffield's ham license, issued in 1995, would be in jeopardy.
The Commission acted on the review application on September 19th.

(*****
NEWSLINE PAST 1000

Some good news and some bad news about our finances here at Newsline. According to our support fund administrator Andy Jarema, N6TCQ, there is enough in the way of funds now on hand to keep us in operation through early December. Unfortunately, there is not enough to take us to into 1997.
Newsline will not disappear after newscast number 1000. On the other hand we honestly cannot tell you how long we will be able to maintain service. Obviously your continued support is needed right now to keep Newsline serving you into 1997 and beyond.
Our address is the:

Newsline Support Fund
P.O.Box 660937
Arcadia, California
91066

We thank you for any help you can provide.

(*****
LIKE A LOTTERY

The FCC is handling Gate 2 of the vanity call sign program almost as if it was a lottery. Gate 2 opened on September 23rd and within days the agency was deluged with requests for new calls. As of August 26th, the FCC

had received 339 applications filed electronically and 4148 Paper.
The FCC says it won't start to grant new call signs until all applications for a given day are entered, whether they were filed on paper or electronically. When the agency finally starts granting new call sign requests, they will be done in random order. A lottery of sorts.
The agency also says to be patient. It could be a few weeks before your application is granted.

(*****
K1AR LEAVES CQ MAGAZINE

Some names in the news. First is John Dorr, K1AR. John has left CQ Communications to accept a new position in product marketing for Cerulean Technologies, Inc., of Marlborough, Massachusetts. Cerulean is the result of the commercial application of DX Packet Cluster software and technology. The company recently entered into partnerships with two of the largest mobile data carriers, Bell Atlantic NYNEX Mobile and GTE Mobilnet, to give police officers on the street wider latitude in tracking down stolen vehicles and cuffing drivers with criminal warrants. Dorr says that he left CQ only because of the opportunity this represents and because of his desire to return to the Massachusetts area. He will continue to edit the magazine's Contest Calendar.

(*****
HUDSON DIVISION DIRECTOR RETIRES

And the Leagues' Hudson Division Director Paul Vydarney, WB2VUK, resigned his seat on the ARRL Board, effective September 5th. WB2VUK cited job and church obligations as preventing him from doing what he considers a proper job of fulfilling his duties as director.
Vice Director Richard Sandell, WK6R, of Scarsdale, New York, becomes director for the remainder of Vydarney's term, which expires January 1, 1997.

(*****
RCA HONORS HAMS

The Radio Club of America has announced that Carole Perry, WB2MGP, will be the recipient of its 1996 Barry Goldwater Amateur Radio Award. Perry is a secondary school teacher from Staten Island New York. She was selected based on her dedication in introducing New York City school children to the thrilling world of ham radio.
Also receiving honors from the Radio Club of America are Frank A. Gunther, W2ALS, will get a commendation named in his honor and Fred. M. Link, W2ALU, will receive the President's Award. All three will be recognized at the Radio Club of America annual banquet on Friday, November 22nd in New York City.

(*****
HAM TEACHER FEATURED IN MAGAZINE

And past ARRL Professional Teacher of the Year Sheila Perry, N0UOP, of Bloomfield, Missouri, was featured in the August edition of Learning

magazine. The article highlighted her SAREX work and cited ARRL's Educational Activities Department as the place to get more information. By the way, as far as we know Carole Perry and Sheila Perry are not related to each other.

(*****
BITBUCKET

BitBucket is a newly created mailing list reflector devoted to specialized amateur radio communication techniques. This includes SSTV, ATV, FAX, Packet, Pactor, G-TOR, Clover and much more. To subscribe, send e-mail with body of message "subscribe bitbucket" to

majordomo@primenet.com

(*****
THRUWAY HAM ACKNOWLEDGMENT

The New York State Thruway Authority will help to promote ham radio. The agency has announced plans to place ARRL Amateur Radio recruitment brochures at rest stops along the toll highway.

(*****
WRC MEETING

A meeting of the worlds telecommunications leaders is taking place in Tel Aviv Israel as we go to air. This is a 1996 preparatory World Radiocommunications Conference and several items of interest to Amateur Radio are being discussed.
Not being talked about this time is the abolition of the Morse Code testing requirement for getting a ham ticket. That matter comes to the table in 1999. More on this WRC next week.

(*****
UK CW TEST FEE

From England, news that its going to cost more to pass a Morse Code ham radio test in the United Kingdom. The Radio-communications Agency has agreed to a rise in the fees for Morse code tests. From the 1st of September the new rates are 20 pounds Stirling for the 12 words per minute test and 15 pounds Stirling for the 5 words per minute Morse code test, in British currency.

(*****
NEW UK BEACON

A new 50 MHZ propagation beacon is now operational. As part of an experiment by the RSGB Propagation Studies Committee, Chris Deacon, G4IFX, of Darlington in County Durham, has been granted permission to use the callsign GB3IFX for his 50 MHZ tropospheric tests. The beacon transmits on 50.275MHz, on the hour, every hour, in 30 second bursts during which the callsign and time are sent twice.

(*****
NOEL EATON. VE3CJ, SK

Noel Eaton, VE3CJ the former ARRL Canadian Division Director and President Emeritus of the International Amateur Radio Union has died. According to IARU Region 2 President Tom Atkins, VE3CDM, Eaton passed away in the early hours of Saturday, September 28th. A memorial service is planned for Toronto on October 11th.

(*****
DX

Brett Graham, VR96BG, reports that hams in Hong Kong will be allowed to use several prefixes to commemorate the transfer of sovereignty over the territory from the United Kingdom to the People's Republic of China on July 1, 1997. At the request of the Hong Kong Amateur Radio Transmitting Society, Hong Kong amateurs will be allowed to change the numeral in their call sign to 96 during 1996, to 97 during 1997, and to 98 during 1998. Graham says that Hong King Amateurs began to use these new prefixes on September 10th with a contact between VS96BG and VR96GO. The Hong Kong club says it will announce later the details of a new award to be offered to amateurs for contacting stations using these special prefixes.
All Hong Kong amateurs have held licenses with call signs using the prefix VR2 for several years. Those previously holding VS6 calls are allowed to continue to use the VS prefix through July 1st of 1997. The VRA to VRZ block allocated by the ITU to the United Kingdom will be transferred to the Peoples Republic of China at that time. The only other use of that block at present by amateurs is on Pitcairn Island, where VR6 calls are still in use.

(*****
NEWSLINE CELEBRATES 1000 ON HRM

Finally, part of Newslines worldwide celebration of its 1000th newscast will take place on shortwave radio. This thanks to Len Winkler, KB7LPW of Phoenix, Arizona. Winkler has invited Newsline to be on his October 13th edition of Ham Radio and More that airs on broadcast station nationwide and on shortwave worldwide.
Joining Len will be Newsline Producer Bill Pasternak, WA6ITF and several other Newsline regulars. Bill will also have some vintage audio clips from the early days of Newsline when it was still known as the Westlink Radio Network.
Ham Radio and More airs tape delayed on radio station WWCR every Sunday at 22:00 UTC on 7.435 MHZ. WCCR is located in Nashville, Tennessee and has an effective radiated power of 100,000 watts. The show is also simulcast in Real Audio format on the World Wide Web.

(*****
And for this week, that's all from the Amateur Radio Newsline. You can write to us at:

NEWSLINE
P.O.Box 660937

Arcadia, California
91066

For now, with Bill Pasternak, WA6ITF at our editors desk, we at Newsline
say one week and counting, 73 and we thank you for listening.

(* * * Newsline is copyright 1996 & all rights are reserved. * * *

--
< ^^>
< "Big Steve" Coletti >
< Computer and Network Installation, Upgrades and Repair. >
< Internet: bigsteve@dorsai.org >
< I was balding, then I installed Windows 95 and pulled the rest out. >
< US Mail: P.O. Box 396, New York, NY 10002 >
< Fax Weekdays/Voice Weekends: +1 212 995-2637 >
~~~~~~
~~~~~~

4616. Re: HF Amateur Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <53cmrc$85i@news.Hawaii.Edu>
Source record: 215056
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Gerard Foley <gfoley@freenet.columbus.oh.us> wrote:
>Ramon Gandia (rfg.at.nome.dot.net@no.spam.please) wrote:

>: And hams DID discover the usefulness of short waves.

> Hate to knock this pleasant myth, but Marconi's trip in Elettra on
>1920 or 1921 predated that ham transatlantic tests, which themselves
>predated (but led to) the short wave ham bands.

His yacht was the Electra. And he began as a ham in the finest tradition
of amateur experimenters.

Jeff KH2PZ

4617. Re: 10 Meter Freqs

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <53cnq3$8v0@news.Hawaii.Edu>
Source record: 215057

In article <53bq3b$frp@kirin.wwa.com>, Bigdad <Bigdad@Rworld.com> wrote:
>Ok this is getting QUITE rediculous. YES im sorry to say i do
>have a call sign which i will not give here. I asked what i
>thought was a simple question and was berated with demands for
>explanations well horse hockey!!! Ill get my information
>elsewhere. Like i said in one other reply hams USED to be
>friendly and helpful but that seems to have gone the way of the
>807!!

Well, you have to understand that anytime someone asks about 10m
using a handle ("Bigdad") and a phoney address (your Rworld.com vs
the wwa.com in the article ID) some of use get a little suspicious.
The fine line between 11 and 10m is now nonexistant in some areas;
we're only trying to protect what lawfully has been assigned to us.

Jeff KH2PZ

4618. Re: have you seen this . . .

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <53cole$9bj@news.Hawaii.Edu>
Source record: 215058

Bill Koppelmann <billscot@diac.COM> wrote:
>
>These volunteer communication efforts didn't happen by accident. Amateur Radio
>operators are often among the first to respond to emergencies. That's why the
>172,000-member American Radio Relay League (ARRL) annually sponsors the
>Simulated Emergency Test for its members. This year's test takes place the
>weekend of Oct. 12-13.

Avoid coming to Hawaii this weekend if at all possible. We've
scheduled a tsunami to hit the state on the 12th. All of Waikiki
Beach and other areas of the islands will be inundated with a
giant surge of ocean water due to some far off seismic disturbance.
Luckily, it won't happen until 0900 so I'll still be able to get
in my morning swim...

Water temp is still 83.

Jeff KH2PZ

4619. VEC Exam in Tokyo(Dec 96)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: je1cka@nal.go.jp
Message-ID: <53cerq$kb3@swan.nal.go.jp>
Source record: 215059

We Tokyo-VE Team of W5YI-VEC will have the VEC exam as follows;

DATE: December 01 '96(Sun)
TIME: 13:00-16:30JST
PLACE: #8 conference room of Mitaka City Office.
Direction:
1. From JR Mitaka station, take the bus route #54for Sengawa/Kyorin Univ. Hospital, 15mins
2. From JR(or Keio Inokashira Line) Kichijoji station, take the bus route #01,06,07,14 &92 for Musashi-sakai/Chofu, 15mins
BUS STOP; MITAKA CITY HALL(MITAKA SHIYAKUSYO MAE)
Parking will be available.
REGISTRATION:
All applicants are requested to make the registration with the FORM-AP1 in advance one week prior to exam date. No one may be able to take the exam without the advance registration.
Non American citizen who does not hold valid CSCE or FCC license is requested to show the actual plan to operate from USA and their possessions. The VEC Exam is open for any person who has actual plan to operate from USA.

Please contact Tack KUMAGAI, KH0AM/JE1CKA for more information.
email je1cka@NAL.go.jp
Handy Phone 030-066-6408(after 7pm)
FAX 0423-93-4449(24hours)

Tack Kumagai JE1CKA/KH0AM
TEL:81-30-066-6408, FAX:81-423-93-4449
Internet: je1cka@nal.go.jp

4620. Re: Callsign Patterns

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: W M Brelsford <wmb@joplin.att.com>
Message-ID: <325A4F5E.41C6@joplin.att.com>
Source record: 215060

Hans Brakob wrote:
>
> At some time in the past it seems that FCC may have had a formal
> or informal policy of assigning calls to some entities based on
> a predetermined pattern.
>
> For example, a lot of club stations at universities have calls in
> the pattern "W#Y$" (1x2, W prefix, with "Y" as the first letter in
> the suffix). There are a lot of those still around and I can
> remember many more in the past which probably are expired. Examples
> are W1YA, W1YU, W0YC.
>
> Also, I seem to remember that a lot of Navy and Army Reserve
> Centers had calls in the pattern K#USN and K#USA.
>
> It would be interesting if anyone knows of other old patterns
> like that.

As I recall, K#Fxx and K#Nxx were reserved for Air Force
and Navy military recreation stations, respectively. In the
mid 60's I got K3FXJ as a second station license -- the FCC
had skipped K3Fxx and went back and issued them (except maybe
K3FAx?) after finishing K3Zxx. And a friend of mine spent
part of his time in the Navy overseeing K4NAA outside
Washington DC.

73,

Bill Brelsford, K2DI (ex K2INO/K3FXJ)
wmb@att.com

4621. Re: Suffixes to amateur call signs

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: W M Brelsford <wmb@joplin.att.com>
Message-ID: <325A54E2.167E@joplin.att.com>
Source record: 215061

Dana Myers wrote:
>
> In article <534qfn$akj@bashir.peak.org>, Bill Nelson <billn@PEAK.ORG> wrote:
> >Have they changed the rules in the US? It used to be that you used the
> >/n suffix whenever operating out of district.
>
> It used to be that one had to sign 'portable' and 'mobile' with the
> district when operating portable and mobile. However, something like
> 20 years ago the FCC dropped these requirements, I think at the same
> time they dropped the logging requirements.

Actually the district was only required on CW (and RTTY?) --
for voice operation it was "portable" or "mobile" followed by
geographic location. Lots of folks did it wrong though..

73,

Bill Brelsford, K2DI
wmb@att.com

4622. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <53ebgv$bia@news.Hawaii.Edu>
Source record: 215062

Anthony R. Gold <tgold@panix.com> wrote:
>vec@arrl.org "Bart Jahnke, KB9NM ARRL/VEC" writes:

>> Of course that issue is moot now...and the fee is $30 up front, and $30
>> or more every ten years.

>The ten year anniversary is unlikely to coincide with license
>renewal. Does the FCC have the power to revoke licences for which
>the vanity fee remains unpaid? Or will the FCC change the call to
>one they judge to be less `vain' for free and for no fee at all,
>after explaining to congress that such a change costs them money.
>
>This program of rented calls is a can of worms.

When I changed my mailing address (about one year prior to renewal)
the FCC also renewed my license; it's new expiration date is in 2006
rather than in 1997. So it's possible that the anniversary and renewal
dates will coincide.

Jeff KH2PZ

4623. Royal Naval Amateur Radio Society URL

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: Phil Manning G1LKJ <P.Manning@ee.surrey.ac.uk>
Message-ID: <53dfg0$f4@info-server.surrey.ac.uk>
Source record: 215063

http://www.midnet.com/midnet/rnars/

Phil Manning G1LKJ
RNARS 2954

4624. Re: ~FCC closes down all 12 monitoring stations

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: Jim Reid <jreid@aloha.net>
Message-ID: <01bbb538$656f2740$9b070ccf@jim-reid-1>
Source record: 215206
Cross-posted to: rec.radio.amateur.misc,rec.radio.cb,alt.radio.pirate,rec.radio.scanner

au <au@ix.netcom.com> wrote in article
<53ct1f$58d@dfw-ixnews11.ix.netcom.com>...
> From Mobile Radio Technology Oct '96:
>
> "The FCC has closed all 12 of it's monitoring stations. "

However, they ARE still monitoring from many of these
same sights, remotely. The data is sent to a central
monitoring station near Washington DC, I believe. So
the FCC is still monitoring both commercial and amateur
activity in both the HF and VHF spectrum areas. They
have to, by law, I believe. This is another example of
Ann Rands(Sp?) thesis that eventually all jobs for
most people will be taken over by computers and
machines. Only the very brilliant few will remain useful
to the on going economy and whatever life style will exist
for the un and under employed.

73, Jim, AH6NB

4625. Re: ~FCC closes down all 12 monitoring stations~

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: John Mullaney <john@minutemancomm.com>
Message-ID: <325AFAED.5EDC@minutemancomm.com>
Source record: 215207
Cross-posted to: rec.radio.amateur.misc,rec.radio.cb,alt.radio.pirate,rec.radio.scanner

au wrote:
>
> From Mobile Radio Technology Oct '96:
>
> "The FCC has closed all 12 of it monitoring stations. Almost all FCC
> field offices are equipped for monitoring frequencies at VHF and above.
> The monitoring stations were additionally equipped to monitor signals
> in the high-frequency (HF) range. Stations were closed in the
> following locations: Allegan, MI; Anchorage, AK; Belfast, ME; Douglas,
> AZ; Ferndale, WA; Grand Island, NE; Honolulu; Kingsville, TX;
> Livermore, CA; Powder Springs, GA; San Juan, PR; and Vero Beach, FL.
>
> Other offices closed by the commission include those in Buffalo, NY;
> Norfolk, VA; Miami, Houston, Portland, OR; and St. Paul, MN.
>
> Ok whats open?

The Boston field office in Quincy Mass. can remote control the Maine
monitering post as well as any of the others they need in the Region.
From what I understand these are just further staffing cutbacks that
continue to make it harder for them to do their job.

--

John Mullaney "Okay..so I've got a little email problem...."

johnster@wbcn.com Johnsters@aol.com johnster@tiac.net
johnster@highway1.com JohnsonXO@aol.com johnsters@msn.com
74723.1516@compuserve.com john@minutemancomm.com
http://members.aol.com/johnsters

4626. Need VE Amateur Test Generation Software

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: macmike@netnitco.NET
Message-ID: <9610082338.AA01623@aegis.nitco.com>
Source record: 215208

Hi:
I am a contact VE with the W5YI group. Here is what I need. I got a disk from Fred that has software to generate the different Amateur Radio tests that works on PC Clones. Does anyone know where I can get software to do the same thing on a Mac? I would like to be able to take my SE's and let prospective Hams take there tests on them and have them graded. Any help would be appreciated.

73's - WF5P

-.. . .-- ..-. ..... .--. .-.. --- .-- . .-.. .-.. .. -.
Mike Hughes - ETL List Manager - WF5P 211 Woodland Drive
Preacher Lowell, IN 46356.
E-mail: macmike@netnitco.net (219) 696-2436 or 696-3637 H
. -- .--. --- .-. - .- -. - .. -. ..-. --- .-. -- .- - .. --- -.

To Receive the latest most upto date list of churches looking write to:
etl-churchlook@genesis.acu.edu
To Receive list of Preachers looking write:
etl-preacherlook@genesis.acu.edu
Lists are updated as we receive new listings. Do your part to help!
"Creativity is a highfalutin' word for the work I have to do between now and Monday" - David Ogilvy
... .- -- - . ... - --. .. ...- . -. .. -. --.- ..- .. .-. . ...-.
.
EOF

4627. Re: What a Wonderful Life.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <325B0674.CD3@ccsnet.com>
Source record: 215209

Howard Watson wrote:

> As the Ultimate Typical Ham (henceforth referred to as the UTH) you
> speak with authority, AND I am willing to bet, not a small amount of
> experience.

How dare you use such insults at ME?
I am anything but a typical ham.
I am licensed since 1959.
And you?

```
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// ,. \\ / \ .-. .
\\ ( ) // / \ / \ .-. _ .-. /
\>-'`-</ /--Burt Fisher K1OIK@ccsnet.com-\---/-\---/---\-----/--
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\/ / <----- Hams this is a female
( <
\ |
```

4628. Re: What a Wonderful Life.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <325B061A.1EF4@ccsnet.com>
Source record: 215210

Gary (smartass)Newberry wrote:

> BTW It's very interesting that you attempt to demean most of your
> fellow hamsters and their relationships with females, yet I see you
> are a very voracious poster to alt.support.divorce. Could you still be
> *smarting* from your own relationship with a female(s) that went sour
> ? This couldn't be a case of the pot calling the kettle black could it
> Burt ?

I have been MARRIED for nearly 18 years.
I am helping those divorced not to REPEAT the mistakes.

```
.-.
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\\ ( ) // / \ / \ .-. _ .-. /
\>-'`-</ /--Burt Fisher K1OIK@ccsnet.com-\---/-\---/---\-----/--
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) ( \ / `-' `-'
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\ /
\/ / <----- Hams this is a female
( <
\ |
```

4629. Re: ICOM radios lose their minds? (backup battery issue)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: wiley@interaccess.com
Message-ID: <wiley.27.00A9C632@interaccess.com>
Source record: 215211

In article <1996Oct7.055531.14893@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>From: gary@ke4zv.atl.ga.us (Gary Coffman)
>Subject: Re: ICOM radios lose their minds? (backup battery issue)
>Date: Mon, 7 Oct 1996 05:55:31 GMT

>In article <wiley.26.018BDF46@interaccess.com> wiley@interaccess.com (William Gode) writes:
>>This IS true, but it appears that the lithium batteries are lasting
>>considerably longer than expected. I have both Icom IC-735 and IC-R71A
>>that are well over 5 years old and the radios continue to perform without
>>problems.

>Well, it is only true for a small number of Icom models. The IC735
>is *not* one of them. Its programming is safely in ROM. The IC-745
>and IC-751 are the amateur transceivers affected.

The IC-735 may have its programming in ROM, but it DOES use a lithium battery "to provide power to the CPU so it retains all memory information during power failures, or when the unit is unplugged or turned off." (Section 4-8, page 18 of the IC-735 Instruction Manual.)

The manual for the IC-735 goes on to state that the lithium battery life is approximately five years and to "replace the battery if there are repeated cases of display malfunction."

My comments (above) applied to both the IC-735 and IC-R71A and the fact that the lithium batteries will (eventually) require replacement.

It's nice that only one will "lose its marbles" when the time comes!

73,

Bill - WA9NHQ

4630. Re: Goodbye.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: "Scott A. Nelson" <scottnel@iw.net>
Message-ID: <325B2BC4.7B28@iw.net>
Source record: 215212
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.swap,rec.radio.cb

Dan K Nelson wrote:
>
> Ken Bessler wrote:
> > >
> > > (please excuse anty spelling mistakes due to h9gh dosages if pain killers ad
> > > severe visdion pr4oblems)
> > >
> > > I have4 had several hobnbies im my 32 years and one of them was Amateur
> > > radio. On monhdaY September 30th, I was critically injured when falling some
> > > 1-1/2 stories while trying to adjust the guy line on my Cushcrafh HF
> > > verticall. I just got out of the hospitall today. I have to go back in opn
> > > monday to get my face ro constructed. I have lost the use of my lweft eye
> > > because I managed to land head first on a cinder block. The damage was quite
> > > bad, including some peralisis <sp> of the left side of my bnody. My nose id
> > > GONE. My kids (4) are scared of me now! is this hobby worth it? no.
> > >
> > > To hell with this hobby - it's not worth a LIFE.
> > >
> > > Ken bessler KG0WX, GTO268, "metro"
> > > Erica Besler KB0PWD, GTO269, "teaser"
>
> Whatever happened to that novel idea of Personal Responsibility? Although I am truly
> sorry for your misfortune, I have found that in my life, I have always been either
> directly or indirectly responsible for each of my "accidents"... Every person plots
> his/her own course in life...
>
> Should we ban cars because of drunks? How about matches because of fires, or pools
> because of drownings? I think not.
>
> <<< DAN >>>
> --
> +---+
> |An Armed Man is a Citizen, an Unarmed Man is a Subject.|
> +---+I slipped and fell in the
shower a couple of years ago and I manage to
stay clean.

-- Scott --

4631. Re: HF Amateur Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: Robert Barron <barron@liant.com>
Message-ID: <325A7BC3.31E@liant.com>
Source record: 215213
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Gary Coffman wrote:
> Early amateurs also concentrated on the practical *use* of their
> equipment, with the American Radio *Relay* League formed to convey
> *messages* further than a single amateur could manage to send. Early
> amateur literature is full of exhortations to amateurs to improve the
> speed and accuracy, IE *throughput*, of their stations so as to more
> efficiently serve the purpose of message relay.

I'll agree that early Amateurs were concerned with throughput too.
But you seem to imply that rag chewing was somehow less a part of the
hobby than it is today. I don't think anyone could make that
statement based on a verifiable fact. My guess is that ragchewing
has always been a part of Amateur Radio. Surely it must remain a
part, or else what's the throughput for?

> The radio pioneers weren't playing a game, they saw *application*
> of radio waves as their direct goal. The game playing didn't come
> until much later, long after the practicality of contact had been
> proved feasible, and had in fact been made a commercial reality
> by others.

If by radio pioneers you mean Marconi and Hertz, sure. But Radio
Amateurs I think saw fun in operation just as much (if not more) as
an application.

> Contesting, like racing, was once touted as a method to "improve
> the breed", and in fact it may have once done so. But just as
> racing has ceased to be an important source of innovation due
> to formula and class restrictions, so too has amateur contesting
> ceased to be a method of improving the breed. It has become pure
> sport, a game with no real purpose other than entertainment. It
> is now no different from golf or tennis, except that at least
> in golf and tennis some worthwhile physical exercise is gained
> in the process of the competition.

I'd disagree that contesting does not serve some useful purpose.
The contesters I come into contact with are without a doubt the
best operators I know. If I were on a sinking boat trying to
keep contact with someone on shore I'd want that person to be a
contester as they would not likely have experience in exchanging
information in adverse conditions.

During one disaster (Mexico Earthquake?) one contester's station was
put into use for emergency traffic because it was more capable of
keeping contact with the affected area than other stations.

Even in the case of a non-weak signal environment, on-the-air training is important. I've helped provide public service communications
for the Capital 10K here in Austin. The difference between an experienced op and others is increadible! Even with a perfect communications system there is also a need for good operating skills.

Very little in Amateur Radio breaks totally new ground. Packet, SS, CDMA, Pactor are all borrowed from other services in some form. I don't expect Amateurs to compete with commercial R&D. We don't have the resources. "We" should, however, try to increase our knowledge and abilities. This include technical knowledge and on-the-air operating abilities.

> I would suggest, however, that it is better to derive fun and
> satisfaction from more progressive and useful activities than it
> is to rehash old exploits over and over again. Just how many times
> must DXCC be accomplished before it is accepted by everyone as a
> done deal?

The overall accomplishments of Amateur Radio is important. But equally important are the accomplishments of individuals in Amateur Radio. Sure lots of people have worked DXCC but if some young Ham learned how to make a better antenna, to properly ground his/her station, the characteristics of RF propagation, to listen carefully and in doing so worked over 100 countries, isn't that worth *something*. Amateur Radio, to me, is about trying new things and learning. In the case I described, that happened.

> From the perspective from which we currently stand, if we look
> backward, we see an increasing reliance on AM, CW, or spark as
> we go further back in time, but if we look forward, we see an
> increasing reliance on SSB, modern digital text methods of a
> number of -TOR sorts, SS, ALE, etc as the techniques of the future.
> In which direction should we prepare, for the past, or for the
> future? Are amateurs to serve as a reservoir of antique technics,
> or are we to be in the forefront of communications technology as
> we were until recent times?

I'm not sure that Amateurs were really at the forefront of comm technology until recent times. Amateurs make a few real innovations now and then but I think Amateur Radio does a better job (or can) of raising the base-level technical knowledge of its users.

> There's fun to be found in either direction, but I know which
> way I want amateur radio to go, and that isn't to yet another
> rehash of past triumphs. Note well that I'm not suggesting that
> we *ban* older methods. I am suggesting that we place an increased
> emphasis on newer technics and less on older methods, both in
> licensing and in our on-air activities. As the twig is bent,
> so grows the tree, and I want our newer operators to be inclined

> toward the future rather than toward the past.

I think that there is enough room in Amateur Radio for both.

73,
Robert KA5WSS
barron@liant.com

4632. Re: ~FCC closes down all 12 monitoring stations

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: Cecil Moore <Cecil_A_Moore@ccm.ch.intel.com>
Message-ID: <325A8793.7A56@ccm.ch.intel.com>
Source record: 215214
Cross-posted to: rec.radio.amateur.misc,rec.radio.cb,alt.radio.pirate,rec.radio.scanner

Jim Reid wrote:
> Only the very brilliant few will remain useful
> to the on going economy and whatever life style will exist
> for the un and under employed.

As long as they know Morse code, there is nothing to fear. :-)

73, Cecil, W6RCA, OOTC (not speaking for my employer)

4633. Re: TS440S PLL UNlock Problem

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: Sheldon Darack <shel@fuwutai.lucent.com>
Message-ID: <325A8641.3F10@fuwutai.lucent.com>
Source record: 215215

DK9XQ wrote:
>
> DK9XQ @aol.com
> Dr HAMS, I had a problem with my TS 440S, after 3 years it is not
> transmitting on 20m and on 15m and on 40m. The Display, the decimal points
> are flashing shortly. I think the PLL is unlocked.. Who can give me some
> Repair tips?
> I Think it is a common TS 440S fault.
>
> TNX , DK9XQ Johannes Hamburg, GermanyIf the problem is the vco, it will not receive in certain segments of
the spectrum which correspond to the vco segments.
Kenwood potted the entire vco with a wax that becomes conductive and
will destroy the vco diodes. If that is the problem, you must remove
the potting wax and replace the bad diodes. (Do not replace the wax)

It is a bit of work to get the gunk out, but the repair parts are
not expensive.

Good luck

Shel WA2UBK

4634. Re: What the big guys think of hams.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: Jeff King <jeff@mich.com>
Message-ID: <325A98D9.1631@mich.com>
Source record: 215216

Burt Fisher wrote:

> I live on Cape Cod, Eduardo passed close enough to bring out the hams.
> What a sad bunch they were to listen to. They used 1000 words to convey
> what 10 words would have.
>

Almost the exact words of my flight instructor (a non-ham) regarding
trying to teach "ham" radio operators correct radio procedure on
aircraft radio (he chewed me out too...). Hams use 20 words when
5 will do. Or at least that was his opinion.

-Jeff wb8wka
mailto: jeff@mich.com

4635. Re: TS440S PLL UNlock Problem

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: Dick Flanagan <dick@merlin.libelle.com>
Message-ID: <325A8B1C.764D@merlin.libelle.com>
Source record: 215217

Steve - KF2TI, NJ wrote:
>
> > dk9xq@aol.com (DK9XQ) writes:
> > DK9XQ @aol.com
> > Dr HAMS, I had a problem with my TS 440S, after 3 years it is not
> > transmitting on 20m and on 15m and on 40m. The Display, the decimal points
> > are flashing shortly. I think the PLL is unlocked.. Who can give me some
> > Repair tips?
> > I Think it is a common TS 440S fault.
> >
> > TNX , DK9XQ Johannes Hamburg, Germany
>
> a VERY common problem. The PLL circuit needs replacement. Can't
> speak for Germany, but Kenwood USA charged several I know about
> $180US.

This is a fairly common problem with the larger TS-940 rigs, too, but
all it requires is the PLL circuit be peaked. In the -940 the procedure
consists of peaking three coils while monitoring one test point.

Are you sure this requires a complete PLL repleacement for the -440?
--
Dick Flanagan W6OLD CFII (dick@merlin.libelle.com) Minden, Nevada

4636. Re: Digital VS. CW Testing

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct8.161306.20414@ke4zv.atl.ga.us>
Source record: 215218

In article <325742C1.531D@to.keep.spam.out> rfg.at.nome.dot.net@no, .spam.please writes:
>Fellows, I think both modes have their strengths and weaknesses.
>Under very difficult conditions, noise, QRM, etc it is likely that
>CW will get thru better than digital modes. In normal conditions,
>the digital will outstrip the CW for speed.

Well, some of the more primitive digital modes fit that description pretty well. But even with RTTY, my P-38 can give good print on signals I can't reliably discern by ear. And that's not just my experience, the reviewer in QST said the same thing. With error detecting and correcting modes, it only gets better. It may be true that a DSP optimized for CW signals might also bring them up to where you could copy them by ear under the same conditions, but certainly not at 60 WPM. The EMEer's experience with DSP would seem to back this up.

Now if you slow the rate of the digital signal, use soft decision decoding, and strong FEC, I'm positive the digital signal can be copied perfectly in conditions where the CW signal can't be copied at all. NASA proved that over 20 years ago. Back then it took a room size computer to do, but Phil Karn has shown you can do it today with an ordinary PC and sound card. (And I'm much impressed by that given the direct I/Q experiments I'm currently doing using dedicated DSP hardware. Of course if I were half the programmer Phil is I'd be dangerous.)

>As for tuning, and getting set up, if you can hear the CW, you can
>copy it. Tuning the signal in is much more critical on digital
>modes.

Well, yes, it can be, but some of the systems have tuning aids which make it awfully easy (again the P-38 tuning indicator is very good for showing you signals you can't even hear). And there are other systems which are adaptive, IE get the signal in the receiver passband and the DSP will find it and build an adaptive matched filter around it, and track it if it drifts. This is similar in principle to the automatic hetrodyne notchers on current DSP filter boxes. This makes the tuning problem moot. (Though in some cases it can make signal aquisition time rather long if the desired signal is particularly weak.)

>And for digital modes you need a lot more equipment than just the
>radio. Computer, keyboard, monitor, etc. And computers do radiate
>a bunch of hash and noise.

Using a PC is certainly the simplest method today. It's cheap, widely available, and adequate to the task. Its noise is also straight forward to suppress. But there's no reason the computer power can't be built directly into the radio. In fact, several of the latest rigs already have DSP on-board, and already have microprocessors on-board to handle other radio functions.

Since these chips are getting more powerful, and cheaper, with virtually every passing day, it isn't unreasonable to expect a completely self-contained digital radio system in the very near future for amateur use. Such systems already exist for military and commercial use. Amateur rigs already have alpha-numeric LCD displays, and adding a rugged membrane keyboard would be trivial.

If my I/Q experiments live up to theory (and commercial systems already show the theory sound), then the radio part of the digital radio system can be considerably simplified from today's radios. That means costs will remain within the range amateurs are willing to spend.

>Each mode has its time and place. And for Amateur radio purposes,
>what counts is not throughput, but what the particular ham enjoys.

Individually that's true, but we must also consider the aggregate impact on our spectrum. We can collectively exploit our spectrum much more effectively if we adopt efficient modes with good throughput. Not everyone has to do it for a positive impact to exist, of course. All we need is to get a substantial number operating more efficient modes in order to improve the utility of our bands. One of the major advantages to switching to more efficient digital modes is that we can run QRP without the throughput penality of using OOK Morse. That automatically means less RF on the bands, and for a shorter time per contact with a given content, and with less mutual interference too.

>In favor of digital I will say that the time has finally arrived that
>it is reliable enough, etc., that commercial services have adopted
>it in lieu of CW. But they are channelized services, with 10 hZ
>tolerance, and that is definetely not amateur radio.

But newer radios do tune in 10 Hz steps, Icom's entry level IC-706 for example, older analog radios tune in even smaller "steps". If you mean drift, adaptive modems can track that. And channels exist whether we name them that or not. One of the properties of strong digital systems that I'm trying to exploit now is the ability to partially overlap other signals without serious mutual interference, so all stations don't have to cling to the same idea of "channel" in order for the system to work well.

We already know how to share a fully overlapped channel, we call it packet, though we don't implement it at all well today. We could do lots better, but we froze the system definition too early. We can fix

that, but we have to deal with the current installed base, and that becomes a political problem. As older hardware TNCs give way to software/firmware based digital systems, that problem becomes easier since the system definition can be changed by just downloading new code. Stations could even bootstrap themselves automatically on the air when they contact a station running a later version.

Gary
--
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Lawrenceville, GA 30244 | |

4637. Re: Theory Question

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct8.162309.20501@ke4zv.atl.ga.us>
Source record: 215219

In article <539e3s$o5c@news.Hawaii.Edu> jherman@Hawaii.Edu (Jeffrey Herman) writes:
>Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>
>>I'll admit that the answer seems intuitively compelling. As you
>>approach the limit of zero wavelength, any antenna of finite physical
>>size becomes larger and larger in terms of wavelength. And we know
>>in general that as an antenna becomes larger in terms of wavelength
>>its gain increases. For most antenna forms, however, there is a point
>>of diminishing returns. Long wires, Vee beams, yagis, etc, can actually
>>become so large in terms of wavelength that their gain decreases, IE
>>sidelobes begin to dominate. And that often doesn't require many
>>wavelengths in size before that occurs.
>
>A Beverage antenna would appear to be a counter-example.

No, even the Beverage reaches a point of diminishing returns at
about the 8 wavelength size. A Beverage *needs* lossy Earth in
order to function as intended.

Gary
--
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4638. How to find list of available Extra vanity calls?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: dvhunt@es.com
Message-ID: <53e1bc$5ce@escc.corp.es.com>
Source record: 215220

I am considering upgrading my advanced call and getting an
Extra vanity call. Does anyone know where I can get a list
of available calls as of now?

I don't want to make a list of 25 calls that I may or may not
get. I want a list of 4 or 5 that I can probably get.

Thanks,
de Darvell (KE7GW)

--
Darvell D. Hunt dvhunt@es.com
Evans & Sutherland Computer Corp.
Salt Lake City, Utah

4639. Re: 10 Meter Freqs

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: Sheldon Darack <shel@fuwutai.lucent.com>
Message-ID: <325A8E6A.372@fuwutai.lucent.com>
Source record: 215221

Bigdad wrote:
>
> Mahn why do >I< have to explain so much? was it NOT a simple
> question? I have been out of the ham circles for a while and
> would like to get back into it. Now im not so sure tho hams USED
> to be helpful but it seems that has changed!!

When I was a novice in the Sixties, the novice license had a 2 year non renewable term. Incentive licensing had not started, general had all privileges. The same theory exam was used for technician and general. The novice theory and code were required for both classes. If you took the written exam and not the 13 wpm code test, you ended up a technician with all vhf priveleges but no hf. That was dumb and it is no longer the case. Now, a technician is not required to take the 5 wpm code test. But if a technician has passed the 5 wpm code, he/she also has novice privileges in addition to technician. This applies in your case.

73 Shel WA2UBK

4640. Re: Goodbye.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: Catherine Adams <cadams5@utkux.utcc.utk.edu>
Message-ID: <325A901B.A4@utkux.utcc.utk.edu>
Source record: 215222
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.swap,rec.radio.cb

KD1YV wrote:
>
> Ken Bessler wrote:
<snip>
> >
> > Moral of the story:
> >
> > PLEASE BE CAREFULLL!! DON'T THINK THANK BECAUSE YOU HEV DONE SOMETHING BEFORE
> > THAT NOTHING WILL HAPPEN!!! Theat is what happened to me. All I had to do was
> > untie a guy wire. I almost died!
> >
> > My wife is KB0PWD. I am KG0WX. We have both had such a bad nightmare this
> > last week with this that we are both gouing to seel al of our radiuos and get
> > out of communications completrly. Please be carefiull....
> >
> > To hell with this hobby - it's not worth a LIFE.
> >
> > Ken bessler KG0WX, GTO268, "metro"
> > Erica Besler KB0PWD, GTO269, "teaser"
>
> I think that the newsgroup has been the victim of a hoax. Look at the foregoing
> letter, particularly the "typos". Sometimes the typing is letter perfect, then it
> lapses into something that is barely legible. Look at the spelling of the names in the
> signature. Most typists, no matter how bad, will not misspell their own names (twice!)
>
> KC0WX is indeed Ken Bessler according to the callsign server. Howeve, I did a finger on
> kg0wx@feist.com, and it shows that he has never logged in.
>
> Does anybody know this guy well enough to verify the story? If it's true, forgive me
> for being a cynic, but I have seen more than my share of spam!
>
> BTW, many years ago, I used to install telephones, and I fell off of a few phone poles,
> but that didn't stop me from enjoying ham radio :-)
>
> --
> 73 de Jim, KD1YV

I work for an internet provider, and the part about never being logged
in is due to the fact that he has not logged into his home dir. ie..
telnet into a unix shell

But I was kind of skeptical also. I guess when you see so much spam as
me it makes it hard to swallow another bite. I think he had some enemies
anyway. Hell they probably found out where he lived and greased his

tower or something...
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4641. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: "Thomas J. Alessi" <Tom@Alessi.Com>
Message-ID: <325A960C.6224@Alessi.Com>
Source record: 215223

Bea and Marvin Jones wrote:
>
> Please, God, let this thread DIE!

Not 'til they issue from gate 2!

=)
--

Thomas J. Alessi, 147 Joffre Avenue, Stamford, Connecticut 06905-2933
203.977.5200 * Tom@Alessi.Com * http://www.discovernet.net/usr/alessi
---

4642. Re: 10 Meter Freqs

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct8.164103.20780@ke4zv.atl.ga.us>
Source record: 215224

In article <53bpp2$frp@kirin.wwa.com> Bigdad <Bigdad@Rworld.com> writes:
>
>Im sorry .... I got my license in 1970 and at that time you had
>to pass a 5 wpm code test, you were labeled class "C" meaning all
>you had to do was pass the 13 wpm code to get your General. In
>later years those "C" techs were granted some extended
>priviledges to seperate them from the No Code techs, one of those
>was a small portion of the 10 meter band to use.

Ok, now we can help. You're what's known as an Old Tech which is the
same thing as a Tech Plus in terms of privileges. You can operate from
28.1 to 28.5 MHz on the 10m band. CW anywhere in there, of course,
RTTY/data between 28.1 and 28.3 MHz, and SSB/image (slow scan or fax)
between 28.3 and 28.5 MHz.

Gary
--
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Lawrenceville, GA 30244 | |

4643. Re: ARRL Contest Info

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct8.170652.21045@ke4zv.atl.ga.us>
Source record: 215225

In article <325A6FF0.36A0@liant.com> barron@liant.com writes:
>
>I would also encourage everyone who thinks the full rules should be in
>QST to
>write to the ARRL as well. Any organization functions better when the
>membership lets its feelings be known.

I thought that the reason for publishing NCJ was to get the contest
stuff *out* of QST and into a magazine aimed solely at the gaming
crowd. QEX is intended to get the techie stuff out of QST. (I don't
quite know what that leaves to be *in* QST except product reviews,
advertisements, a few columns, and mice type no one reads.)

If we're going to put the gaming material back in QST, we ought
to put the techie stuff back in too. Then I can save $12 a year.

Gary
--
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4644. Re: Digital/Analog HF Receiver Design

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct8.170929.21121@ke4zv.atl.ga.us>
Source record: 215226

In article <53dpiv$267@tron.sci.fi> keinanen@sci.fi (Paul Kein&#65533;nen) writes:
>
>I am reposting this message, since it did not get out the first time
>(according to AltaVista). Sorry for any duplicates.
[big snip]

It got out, at least 3 times. AltaVista doesn't update that rapidly.
Give it a couple of days before reposting next time.

Gary
--
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4645. Re: 10 Meter Freqs

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct8.164557.20863@ke4zv.atl.ga.us>
Source record: 215227

In article <844723511snz@microvst.demon.co.uk> tgold@panix.com writes:
>
>The bit about only needing the 13wpm Morse Code test for a General
>Class License is true for all Tech's, and that is not the distiction
>between your class and that of other newer Tech's.

No, Tony, newer Techs also have to pass 3B as well as 1B to reach
General.

>On 10m you may use any frequency between 28.100 MHz and 28.500 MHz
>and in the lower frequency half you may use c.w., rtty and data and
>in the upper half only c.w. and phone (J3E and R3E).

Don't forget image, IE slow scan.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
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Lawrenceville, GA 30244 | |

4646. Re: Howard County, MD Hamfest Date ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: Rusty Haddock <rusty@ti.com>
Message-ID: <325A8B93.749B@ti.com>
Source record: 215228
Cross-posted to: rec.radio.amateur.misc,balt.general

Chris Smolinski wrote:
>
> Anyone know the date of the upcoming hamfest at the Howard County Fairgrounds?
> Thanks,
> Chris N3JLY
> --
> --
> |Check out my WWW page at http://www.access.digex.net/~cps/ for scientific |

And check out the ARRL's hamfest page (http://www.arrl.org/hamfest.htm)
for the answer to your question.

October 13
+ Columbia ARA, West Friendship, MD
Richard Frank, W9RZ
12933 Kentbury Dr., Clarksville, MD 21029
410-531-2933

The + (plus) indicates an ARRL Hamfest.

Usually a nice 'fest.

-Rusty-

--
Rusty Haddock, KD4WLZ Internet: rusty@ti.com ___
Texas Instruments MSG ID: MWH2 |\/ o\ O
POB 869305 MS 8515 Phone: (972) 575-6838 | (-< o O
Plano, Texas 75086 Fax: (972) 575-4351 |/_V_/

4647. GMDSS TRAINING

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: an@hamilton.unitree.lv
Message-ID: <53ech6$nbo@raid.neonet.lv>
Source record: 215229
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

May be you will interested in this information.

It was created in compliance with international requirements of ITU, IMO, and INMARSAT for preparing and attestation of marine specialists for work in GMDSS areas A1, A2, A3, and A4.

The learning environment of the Trainer is based on the teacher's handbook in the field of GMDSS. It's kept in the informational database of the Trainer, in form of a classical Hypertext and provides the user with main information on all chapters of the training program.
The database contains texts, color pictures, video films, graphic maps, data of coast radio station, etc.

Practical tasks are implemented by a complex of hardware radio communication means (in form of active representation on display's monitor), instruction for their operation, and informa-tion for on-line radio traffic in case of distress, emergency, activities to ensure navigation safety, as well as for commercial radio traffic.

We also have demo version (size of it is about 2.5MB) and we may send it to you if you are in interest.

Your faithfully,

Alexander Nikolayev
HAMILTON Global E-mail: an@hamilton.unitree.lv
Managment Ltd., http://www.unitree.lv/~hamilton/
60-518, A.Deglava Tel: (371) 257-7511
Riga LATVIA Fax: (371) 257-7511
LV-1035 Mob: (371) 934-4990

4648. Re: 10 Meter Freqs

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: Cecil Moore <Cecil_A_Moore@ccm.ch.intel.com>
Message-ID: <325A9F0E.3080@ccm.ch.intel.com>
Source record: 215230

Gary Coffman wrote:
> Don't forget image, IE slow scan.

Hi Gary, I thought tech+'s and novices' couldn't use image
on HF. Have the rules changed?

73, Cecil, W6RCA, OOTC (not speaking for my employer)

4649. Re: 10 Meter Freqs

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: ron@fc.hp.com
Message-ID: <53e74l$qrs@fcnews.fc.hp.com>
Source record: 215231

Bigdad (Bigdad@Rworld.com) wrote:
: Mahn why do >I< have to explain so much? was it NOT a simple
: question? I have been out of the ham circles for a while and
: would like to get back into it. Now im not so sure tho hams USED
: to be helpful but it seems that has changed!!

Welcome to usenet, the net, newsgroups and the computer-based info-age.

Actually, it was NOT a simple question. There is so much noise and
garbage in the newsgroups that most folks thought there was a high
probability that you were not a ham.

I had no idea what a class C Tech license was and I've been licensed
since 1971. Since I've never held that license, I would have told
you that there was no such thing.

If you still hold a valid license, you'd best check the regs on
just about everything since so many things have changed.
You probably hold the equivalent of a "Tech Plus".

73,
Ron Miller
NW0U (formerly WB4UWH)

4650. Re: HF Amateur Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct8.175336.21358@ke4zv.atl.ga.us>
Source record: 215232
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <325A7BC3.31E@liant.com> barron@liant.com writes:
>Gary Coffman wrote:
>> Early amateurs also concentrated on the practical *use* of their
>> equipment, with the American Radio *Relay* League formed to convey
>> *messages* further than a single amateur could manage to send. Early
>> amateur literature is full of exhortations to amateurs to improve the
>> speed and accuracy, IE *throughput*, of their stations so as to more
>> efficiently serve the purpose of message relay.
>
>I'll agree that early Amateurs were concerned with throughput too.
>But you seem to imply that rag chewing was somehow less a part of the
>hobby than it is today. I don't think anyone could make that
>statement based on a verifiable fact. My guess is that ragchewing
>has always been a part of Amateur Radio. Surely it must remain a
>part, or else what's the throughput for?

Absolutely. I do not for a minute want to imply that conversation
is not a laudable use of amateur radio. It is one of the main things
that content is for, others being traffic handling, emergency communcations,
etc. What I meant to imply was that the fact of the contact's existence
alone was not the primary reason for the early radio pioneers' activity,
nor was it the primary reason for the early amateur's activities. Once
they knew contact was possible (and that's been a well established fact
for a very long time), the focus shifted to *doing something* with the
contact. Whether that was passing formal messages or casual chatting is
not the issue. The issue is that they started to exchange *information*.

>> The radio pioneers weren't playing a game, they saw *application*
>> of radio waves as their direct goal. The game playing didn't come
>> until much later, long after the practicality of contact had been
>> proved feasible, and had in fact been made a commercial reality
>> by others.
>
>If by radio pioneers you mean Marconi and Hertz, sure. But Radio
>Amateurs I think saw fun in operation just as much (if not more) as
>an application.

Well, of course, amateurs get paid in no other coin. But the mere
fact of contact isn't much fun for long, especially if many others
have already "been there, done that". How many stations do you have
to work at the antipodes before the novelty wears off? (Apparently
for some of today's amateurs the answer is *all of them* and *several
times over*.)

>> Contesting, like racing, was once touted as a method to "improve
>> the breed", and in fact it may have once done so. But just as
>> racing has ceased to be an important source of innovation due
>> to formula and class restrictions, so too has amateur contesting
>> ceased to be a method of improving the breed. It has become pure
>> sport, a game with no real purpose other than entertainment. It
>> is now no different from golf or tennis, except that at least
>> in golf and tennis some worthwhile physical exercise is gained
>> in the process of the competition.
>
>I'd disagree that contesting does not serve some useful purpose.
>The contesters I come into contact with are without a doubt the
>best operators I know. If I were on a sinking boat trying to
>keep contact with someone on shore I'd want that person to be a
>contester as they would not likely have experience in exchanging
>information in adverse conditions.
>
>During one disaster (Mexico Earthquake?) one contester's station was
>put into use for emergency traffic because it was more capable of
>keeping contact with the affected area than other stations.

Well, I was very involved with the Mexican earthquake communications.
I didn't hear much contest style operating (though unfortunately I
did hear some). The fellows who were best prepared for that were
traffic handlers who were well skilled in moving books of traffic
efficiently. (I say that as an old traffic handler.)

>Even in the case of a non-weak signal environment, on-the-air
>training is important. I've helped provide public service
>communications
>for the Capital 10K here in Austin. The difference between an
>experienced op and others is increadible! Even with a perfect
>communications system there is also a need for good operating
>skills.

Yes, good operating skills are vital, but the skills required are
not those of the contester. They are the skills of the public
service communicator. And those skills are different from those
of the contester.

>Very little in Amateur Radio breaks totally new ground. Packet, SS,
>CDMA, Pactor are all borrowed from other services in some form. I
>don't expect Amateurs to compete with commercial R&D. We don't have
>the resources. "We" should, however, try to increase our knowledge
>and abilities. This include technical knowledge and on-the-air
>operating abilities.

You are correct that we should not compete with commercial R&D.
We should be working in the areas that they pass over as not
having a quick enough payback to affect next quarter's profits.
We should be looking at systemic things that don't necessarily
accrue benefit to only one company. Most really novel ideas
don't come from commerical R&D labs. They are too tightly

focused and goal oriented to seek out areas that don't virtually
guarantee an immediate commercial payback. (There once were
exceptions to that, like Bell Labs and Sarnoff Labs, but those
days are gone.) We have resources the commercial R&D outfits
only dream of having. We have *time* and *freedom to experiment*
just because we're interested that they no longer possess.

>> I would suggest, however, that it is better to derive fun and
>> satisfaction from more progressive and useful activities than it
>> is to rehash old exploits over and over again. Just how many times
>> must DXCC be accomplished before it is accepted by everyone as a
>> done deal?
>
>The overall accomplishments of Amateur Radio is important. But
>equally important are the accomplishments of individuals in Amateur
>Radio. Sure lots of people have worked DXCC but if some young Ham
>learned how to make a better antenna, to properly ground his/her
>station, the characteristics of RF propagation, to listen carefully
>and in doing so worked over 100 countries, isn't that worth *something*.
>Amateur Radio, to me, is about trying new things and learning. In the
>case I described, that happened.

I'll agree that there is some small training value to that for the
newcomer, but it doesn't explain amateurs with 25 years or more
service still doing the same thing. Any training value it might
have is long accomplished.

>> From the perspective from which we currently stand, if we look
>> backward, we see an increasing reliance on AM, CW, or spark as
>> we go further back in time, but if we look forward, we see an
>> increasing reliance on SSB, modern digital text methods of a
>> number of -TOR sorts, SS, ALE, etc as the techniques of the future.
>> In which direction should we prepare, for the past, or for the
>> future? Are amateurs to serve as a reservoir of antique technics,
>> or are we to be in the forefront of communications technology as
>> we were until recent times?
>
>I'm not sure that Amateurs were really at the forefront of comm
>technology until recent times. Amateurs make a few real
>innovations now and then but I think Amateur Radio does a better
>job (or can) of raising the base-level technical knowledge of its
>users.

Well that amounts to the same thing if amateurs try to keep that
base level current. What's happened though, is that many amateurs
have frozen their base level somewhere back in the 1950s for the
most part. That's not raising the base level, as time goes on,
that's actually lowering the base level compared to current
technique. I'm not suggesting that every amateur go out and
invent something new next week. I'd be quite happy if they'd
just try to move their base level forward a bit each week so

that they at least don't keep falling further and further
behind.

>> There's fun to be found in either direction, but I know which
>> way I want amateur radio to go, and that isn't to yet another
>> rehash of past triumphs. Note well that I'm not suggesting that
>> we *ban* older methods. I am suggesting that we place an increased
>> emphasis on newer technics and less on older methods, both in
>> licensing and in our on-air activities. As the twig is bent,
>> so grows the tree, and I want our newer operators to be inclined
>> toward the future rather than toward the past.
>
>I think that there is enough room in Amateur Radio for both.

Yeah, but it is a question of relative proportion and emphasis
isn't it?

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
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Lawrenceville, GA 30244 | |

4651. Re: CFS & CFJ Murata ceramic filters

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: brat@interlog.com
Message-ID: <53e9pe$6do@news.interlog.com>
Source record: 215233
Cross-posted to: alt.radio.scanner.uk,alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave,sci.electronics.repair,rec.radio.amateur.misc,rec.radio.amateur.homebrew

In article <3256e419.3197544@newnews.dial.pipex.com>, hi80@pipex.dial.com wrote:
>I have had difficulty in finding very wide diameter
>plastic pipe(12 to 24 inches) or something similar, again for loops.
>Any ideas?

You could try the very heavy/strong cardboard tubes used for cement work.

Bernie

--
Bernie Rataj brat@interlog.com qth://toronto.on.ca
Member: Ontario DX Association, Tsuruoka Canadian Budokai
--

4652. FAX SSTV RTTY WEFAX with SoundBlaster: OK!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: "Brian E. Cauchi" <briane@dream.vol.net.mt>
Message-ID: <01bbb553$986b4320$0923a6c2@gateway>
Source record: 215234
Cross-posted to: alt.ham-radio.digital-voice,es.rec.radio.amateur,fido7.hamradio,rec.radio.amateur,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.shortwave,su.org.ham

Hello.
I've just updated my FTV program, which does FAX & SSTV using a SoundCard, to decode Baudot using the same (FM) demodulation engine.

Here is a run down of the more interesting features:

(1) It keeps the demodulated signal in memory, so that the signal can be analysed again at a different keying rate or polarity! Garbage can be resampled on the fly, which means that minutes of received signals decoded at the wrong baud rate or keying polarity are recovered, on the fly, while still receiving.

(2) Keying rate and polarity are analysed automatically - standard baud rates are automatically set following analysis.

(3) Tuning oscilloscope available at all times, without loss of copy.

(4) Program works in real time.

(5) I wrote it, and I love it - I myself can't believe it works so well!

Download your copy of FTV from my web site, at:
http://www.geocities.com/SiliconValley/2504

System requirements, and the standard features of FTV are described in the following page:
http://www.geocities.com/SiliconValley/2504/ftv.htm

By the way, AM signals from low orbiting weather satellites are also decoded - no extra interfaces needed. Demodulation mode is user selectable in software.

Hope you all have a load of fun receiving 'words and pictures' - I hope to get some feedback !

All the best from Brian, 9H1JS, on the Island of Malta.

4653. Quick Question CARL

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <53e8pc$g0s@freenet-news.carleton.ca>
Source record: 215235

Did they get sick of you on rec.radio.amateur.policy and that's why you're here?

No, I know, they don't want kooks on alt.alien.visitors

--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

4654. Re: ARRL Contest Info

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: Robert Barron <barron@liant.com>
Message-ID: <325A6FF0.36A0@liant.com>
Source record: 215236

Bob Levine wrote:
>
> I was very dissapointed to see that the ARRL has decided not to put
> the rules and details of the ARRL Sweepstakes in QST as usual. Instead
> they refer the ARRL member-subscriber to purchase another publication.
>
> I do not see the logic in this except to sell the members more books.

The rationale for this is that pages in QST cost a lot of money and a
decision was made to cut back on the exact contest rules (which seldom
change from year to year) to save space for other items.

I believe (haven't seen the latest QST yet) that there are SS "rules"
in QST, just not the official legalese. The "in-a-nutshell"
announcement
was also hoped to be less intimidating to first time contesters.

You don't have to purchase another publication to get the full rules.
The
full text of the rules is available on-line for free.

> This year brings a new section (up to 78 from 77) and even that was not
> mentioned in the article (I think Northern New York is the new one??)

Yes, that should be a new one this year. I'm surprised that they did
not
at least mention that.

> I urge members to email the ARRL (hq@arrl.org) if they feel as I do that
> this info should be kept in QST. The contest page on the WWW for the
> ARRL (http://www.arrl.org/contests/) doesn't have info for SS (besides the
> date) and the file that contains the rules that is available for D/L
> (arrlcn96n.zip) doesn't list the sections. Even QST doesn't have a concise
> listing of all the sections (US & VE) so how does the league expect this
> contest to grow and prosper?

Now that I think about it I can't recall SS rules announcements having a
complete list of sections either. That probably would help newcomers.

I would also encourage everyone who thinks the full rules should be in
QST to
write to the ARRL as well. Any organization functions better when the
membership lets its feelings be known.

73,

Robert KA5WSS
barron@liant.com

4655. Handbooks for Swan HF700S ???

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: jap3hd@aol.com
Message-ID: <53ecbo$3lb@newsbf02.news.aol.com>
Source record: 215237

Hallo,
I need the Handbook an the schematics from the SWAN HF700S Transciever.
If someone has got them or knows who has got them,could he please drop me
a
note ? A copy of the schematics and the handbook will be ok.
The money for copying an mail will surely be payed .
Thanks in advance.
Best
Markus DH3PAJ

4656. Re: IC-W31A or IC-W32A MODS?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: walt@owgvm3.vnet.ibm.com
Message-ID: <53dsnh$gv3@news.lfso.loral.com>
Source record: 215238

In <mikew-0510961638430001@port47.bayserve.net>, mikew@bayserve.net (MikeW) writes:
>Anyone have any mods for the Icom IC-W32A or IC-W31A dual band HT?
>I have searched the various archives at BARC, QRZ, Oakland, Buffalo, and
>more with no luck. HELP!!!!

Most of the ICOM ads have an e-mail address in them. Just drop them
a note and they will return the major mods to you by return e-mail.
It worked for me a year ago. BTW, I have the IC-W31A and love it!

Walt Johnson
Software Cost Engineering
Lockheed/Martin Federal Systems
Owego, New York 13827 The comments expressed
walt.johnson@lmco.com above are my own and do
(607-751-2158) not reflect the position of
FAX(607-751-6223) Lockheed-Martin Federal Systems

4657. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: <>
Message-ID: <53ee74$kbc@news-s01.ca.us.ibm.net>
Source record: 215239

In <325A960C.6224@Alessi.Com>, "Thomas J. Alessi" <Tom@Alessi.Com> writes:
>Bea and Marvin Jones wrote:
>>
>> Please, God, let this thread DIE!
>
>Not 'til they issue from gate 2!
>
>=)
>-- Would you prefer more Burp(t) baloney?

>--
> Thomas J. Alessi, 147 Joffre Avenue, Stamford, Connecticut 06905-2933
> 203.977.5200 * Tom@Alessi.Com * http://www.discovernet.net/usr/alessi
>--

4658. Re: easy gentlemen...2m dx

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <53e9v9$oiu@jupiter.planet.net>
Source record: 215240

> VUBS79A@prodigy.com (Drew Durigan) writes:
> pacrimgolf@kuentos.guam.net (Jim Kehler) wrote:
>
> >That's why they have bridges in Florida, Spew. Something for you to
> jump
> >off of when things get too bad for you to take anymore.
> >
> >Have a nice Dive,
> >Jim KH2D
> >
>
>
> Okay...you first.
>
> And take that useless antique code key with you.
>
>
> -Drew in Sunny Central Florida-
> KF4DDM

NO NO.. i collect antique code keys. before youse guys jump, send them to me

steve

4659. Re: Question for carl

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: k0hb@hamlink.mn.org
Message-ID: <844780811.AA07426@hamlink.mn.org>
Source record: 215241

Carl said:

>It's high time the "CW olde fartz" stopped whining about the "good old
>days" and realized that in the "good old days" the hams were the
>INVENTORS and ADOPTERS of NEW TECHNOLOGY ... not the lazy, stagnated,
>technophobes they've become.

Carl,

You should broaden your horizons, and observe what is going on
outside the FM sub-bands.

You might wish to "watch the skies" next spring when amateurs
launch Phase 3D. Or get a copy of the "Proceedings" of the
latest digital conference or the last VHF conference. Or check
out some of the work written up in QEX in the last few issues.
Or peek over the shoulders of the guys at TAPR. Or subscribe to
the "Radio Designer" reflector. These are just a few
"visible" places, not counting all the quiet "invisible"
tinkerers, which suggest that "lazy, stagnated, technophobes"
is a somewhat innacurate set of descriptors.

By the way, amateurs have NEVER been much in the way of
"inventors". Even Marconi was not an inventor, but rather
what today we might loosely call a "systems integrator" in
that he took the theoretical work of others and crafted a
working system from the "parts". So it is with the very
incomplete list of examples I give above.

73, de Hans, K0HB

4660. Re: ~FCC closes down all 12 monitoring stations~

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: twhite@digitrix.com
Message-ID: <53ehj3$fsj@newshost.cyberramp.net>
Source record: 215242
Cross-posted to: rec.radio.amateur.misc,rec.radio.cb,alt.radio.pirate,rec.radio.scanner

>"The FCC has closed all 12 of it monitoring stations. Almost all FCC
>field offices are equipped for monitoring frequencies at VHF and above.
>The monitoring stations were additionally equipped to monitor signals
>in the high-frequency (HF) range. Stations were closed in the
>following locations: Allegan, MI; Anchorage, AK; Belfast, ME; Douglas,
>AZ; Ferndale, WA; Grand Island, NE; Honolulu; Kingsville, TX;
>Livermore, CA; Powder Springs, GA; San Juan, PR; and Vero Beach, FL.

If you ever hear of any of the equipment from the Grand Island, NE location becoming available on the surplus market, I want to know about it. Supposedly there is a basement full of old Hallicrafters parts down there, and I would love to get my hands on them.

4661. Re: ARRL Elections a Sham, AGAIN!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: w7el@teleport.com
Message-ID: <53ejd3$849@nadine.teleport.com>
Source record: 215243

Personally, I like the rule. I think it's entirely appropriate and should stay, and as long as it's there, should be enforced to the letter.

In my opinion, the ARRL definitely did the right thing. Contrary to making the election a "sham", actions like these make sure that everyone's playing by the same rules.

Roy Lewallen, W7EL

(ARRL life member, and owner of an Amateur-related business)

4662. EA RTTY Contest 96 Results

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: dmolejon@lander.es
Message-ID: <53eirt$3cb@lince.lander.es>
Source record: 215244

```
EA RTTY CONTEST 96 RESULTS

CLASS A. SINGLE OPERATOR ALL BAND

CALL QSOs PTS MULTI SCORE
-----------------------------------------------

UN5PR 309 855 120 102600
UT0I 399 650 132 85800
IK2BUF 277 709 118 83662
KF3P 235 644 97 62468
YV5NFL 267 748 80 59840
EA7BR 282 510 108 55080
EA7GXD 237 455 121 55055
IK2HKT 185 450 108 48600
SP4CHY 206 406 102 41412
S57X 173 377 86 32422
EA3AQS 148 315 89 28035
IK7YUA 135 324 84 27216
GW4KHQ 143 317 81 25677
SM4CMG 152 290 70 20300
I2HWI 123 286 63 18018
SM4RGD 103 321 54 17334
EA4DRV 104 176 83 14608
EA5EZM 123 218 65 14170
EA1MV 112 183 71 12993
RU3AT 132 198 56 11088
ON6AM 90 229 48 10992
EA4AFP 101 152 70 10640
G3YJQ 90 212 49 10388
DK7FP/P 68 178 53 9434
EA1JO 78 140 62 8680
F5TEU 60 130 47 6110
I2UIY 83 156 39 6084
KF4BU 62 131 42 5502
IK5VLS 68 154 33 5082
LA3YU 69 128 39 4992
EA7MA 48 88 49 4312
OI3LQK 71 104 38 3952
K0RC 73 113 34 3842
SP9LKS 61 81 46 3726
HA3OU 50 93 38 3534
VK6GOM 47 115 30 3450
JA1SJV 50 93 31 2883
SP2EIW 40 78 31 2418
```

PW2 53 94 24 2256
IK0PHW 32 64 29 1856
SP2FN 33 61 30 1830
CU7BC 33 49 37 1813
OK2SG 38 65 27 1755
EA2CAR 40 50 35 1750
ZL2JON 25 79 18 1422
SM5CDZ 30 56 24 1344
LZ1MC 26 49 25 1225
IK0PHW 32 64 19 1216
EA4CKC 32 37 32 1184
LA7AJ 23 44 21 924
YT0E 26 40 23 920
LZ4BU 29 41 22 902
SP2UUU 18 42 20 840
EA5AYE 17 27 20 540
CU3CZ 25 26 18 468
PA0EHF 20 23 18 414
KB9KWL 13 25 6 150

CLASS B SINGLE OPERATOR SINGLE BAND - 14 MHZ.

YU1NR 242 376 66 24816
OH2LU 213 310 60 18600
EA7EL 278 389 47 18283
IV3FSG 181 297 57 16929
4X6UO 152 298 56 16688
LZ1KRB 195 261 59 15399
N1RCT 158 254 55 13970
EA5GNU 153 195 39 7605
W4JQS 96 169 43 7267
EO6F 124 157 45 7065
EA7ABL 107 152 44 6688
G0MBQ 86 115 50 5750
I0ZSG 93 126 44 5544
OL6RY 91 152 36 5472
IK2SGF 101 174 29 5046
GOLII 89 107 42 4494
W7LZP 107 136 33 4488
KD8FS 66 119 36 4284
SP3WWI 71 99 36 3564
UT2IM 85 99 36 3564
SP9UNX 69 96 37 3552
ON4NG 70 93 31 2883
DL9MBZ 64 90 29 2610
UN7GY 53 99 26 2574
IK6CNM 40 74 33 2442
IK2UVR 60 87 28 2436
HP1AC 86 104 17 1768
OM3PR 45 60 27 1620
G0NUP 48 50 30 1500

EA4AYX 44 47 29 1636
K9RRB/3 36 66 20 1320
3Z6AEF 35 44 25 1100
EA2BNU 33 42 26 1092
EA7CWA 40 43 25 1075
IK2UCK 31 43 21 903
YU7AL 29 34 23 782
OK1DAU 25 43 18 774
EA1AAO 30 32 24 768
N1AFC 23 45 13 585
IT9ORA 28 28 19 532
EA4BNQ 23 26 20 520
ED3ELZ 17 21 15 315
JH1HRJ 13 23 10 230
US9QA 4 5 5 25

CLASS B SINGLE OPERATOR SINGLE BAND - 7 MHZ

SM4RGD 71 231 31 7161
UR7E 56 195 32 6240
S59F 36 136 28 3808
SM5EIT 44 125 25 3125

CLASS B SINGLE OPERATOR SINGLE BAND - 3,5 MHZ

US6H 67 207 30 6210

CLASS C MULTI OPERATOR MULTI BAND

RK9CWA 474 1364 165 225060
RK9CXM 135 377 66 24882
LY1BZB 77 97 37 3589
EA8RCL 41 66 24 1584

CLASS D SWL

ONL 383 159 443 90 39870

MULTI-MULTI TEAMS:

EA8RCL: EA8AW, EA8APP, EC8ABC
LY1BZB: LY1BKF, LY1FF
RK9CXM: UA9NCV, RX9CCU, SERGE BANKIN (COMPUTER)
RK9CWA: UA9CGA, RW9CF

CHECKLIST

EA1BL, EA2BUZ, EA7GYA, EA7HAT, F5YJ, I4BNR, SP2LNY, YL1ZE

See you next year.
Many thanks and best 73's de

Antonio, EA1MV @ EA1FEL.EASO.ESP.EU
E-mail: alcolado@redestb.es

4663. EA RTTY CONTEST 1997 RULES

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: dmolejon@lander.es
Message-ID: <53eiui$3cb@lince.lander.es>
Source record: 215245

EA RTTY CONTEST 1997 RULES

Organized by "UNION DE RADIOAFICIONADOS ESPANOLES (U.R.E.)", the
EA RTTY CONTEST was created to promote activity in RTTY mode and
is opened to radio amateurs world-wide.

DATE: 1600 Z Sat. to 1600 Z Sun., April 5 - 6, 1997

MODE: RTTY-BAUDOT

BANDS: 10, 15, 20, 40 and 80 meters, according to IARU band plans.

CLASS:
a) Single operator all band.
b) single operator single band
c) Multi operator all band only
d) SWL

CALL: "CQ EA TEST"

MESSAGE: RST and CQ Zone.

EA Stations send RST, "PREFIJO PROVINCIAL" and CQ Zone.
Contacts between stations world-wide are valids. No necessary to
contact EA stations.

The spanish "Prefijos Provinciales" are:

A ALICANTE AB ALBACETE AL ALMERIA AV AVILA
B BARCELONA BA BADAJOZ BI BILBAO BU BURGOS
C LA CORU�A CA CADIZ CC CACERES CE CEUTA
CO CORDOBA CR CIUDAD REAL CS CASTELLON CU CUENCA
GC GRAN CANARIA GI GIRONA GR GRANADA GU GUADALAJARA
H HUELVA HU HUESCA J JAEN L LERIDA
LE LEON LO LOGRO�O LU LUGO M MADRID
MA MALAGA ML MELILLA MU MURCIA NA NAVARRA
O OVIEDO OR ORENSE P PALENCIA PM PALMA DE MALLORCA
PO PONTEVEDRA S SANTANDER SA SALAMANCA SE SEVILLA
SG SEGOVIA SO SORIA SS SAN SEBASTIAN T TARRAGONA
TE TERUEL TF TENERIFE TO TOLEDO V VALENCIA
VA VALLADOLID VI VITORIA Z ZARAGOZA ZA ZAMORA

POINTS: on 10, 15 and 20 meters bands, one for contact within own
continent, two for contact outside own continent. On 40 and 80
meters bands, three for contact within own continent, six for
contact outside own continent.

Contacts between stations in the same DXCC country are valid for multiplier credit, but have zero point value.

MULTIPLIERS: DXCC COUNTRIES and Spanish Provinces (PREFIJOS PROVINCIALES) on each band.

FINAL SCORE: Total points in all bands x total multipliers in all bands.

TROPHIES: Award and plate to winner in class A. Award to winners in class B), C) and D)

LOGS: Use separate log sheet for each band. Include a summary sheet showing the scoring and other essential information. Official log forms
are recommended, Mailing deadline for all entries is May10th 1997, to

EA RTTY CONTEST MANAGER
ANTONIO ALCOLADO (EA1MV)
P.O.BOX 240
09400 ARANDA DE DUERO (BURGOS)
SPAIN.

4664. Hazer tower system.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: Steve Weisbrod <steve@gamecash.com>
Message-ID: <325ACD57.5A55@gamecash.com>
Source record: 215246

I'm interested in hearing from anyone that is using a hazer from Glen-Martin Eng. I'm thinking of getting one of these in the spring and wonder how well they work. I'd like to hear of your setup. What size tower what you have on it and if you have had any problems and what would you do different if anything.

Thank Steve W8GAZ
Email steve@gamecash.com

4665. IPS Daily Report - 08 October 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <53encq$ac9@flare.syd.ips.oz.au>
Source record: 215247
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 08/2330Z OCTOBER 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE AUSTRALIAN SPACE FORECAST CENTRE
SUMMARY FOR 08 OCTOBER AND FORECAST FOR 09 OCTOBER - 11 OCTOBER

1A. SOLAR SUMMARY
Activity: Very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 68/2

GOES satellite data for 07 Oct
Daily Proton Fluence >1 MeV: 2.1E+06
Daily Proton Fluence >10 MeV: 1.8E+04
Daily Electron Fluence >2 MeV: 2.6E+07 (normal)
X-ray background: A1.0
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
09 Oct 10 Oct 11 Oct
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 09 Oct: 68/2

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Unsettled

Estimated Indices : A K Observed A Index 07 Oct
Learmonth 12 2222 3343
Fredericksburg 7 4
Planetary 5 4

Observed Kp for 07 Oct: 0001 1221

2B. MAGNETIC FORECAST
Date Ap Conditions
09 Oct 7 Quiet to unsettled
10 Oct 5 Quiet
11 Oct 5 Quiet

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band

Date Low Middle High
08 Oct Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
09 Oct Normal Normal Normal
10 Oct Normal Normal Normal
11 Oct Normal Normal Normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
08 Oct 0

Observed Australian Regional MUFs:
Darwin: No data.
Townsville: 10% below predicted monthly values.
Sydney: near predicted monthly values.
Hobart: near predicted monthly values with spread F 11-17UT.

Predicted Monthly T index for October: 10

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
09 Oct 0 about 10% below predicted monthly values
10 Oct 0 about 10% below predicted monthly values
11 Oct 5 near predicted monthly values

--
IPS Radio and Space Services | email: asfc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/asfc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
tel: +61 2 94148300 | fax: +61 2 94148331

4666. CQ Comm's Subscription Troubles?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: bertb@netjava.com
Message-ID: <53eqt7$1b@news.sockets.net>
Source record: 215248

Are there other former CB_Radio subscribers here? If so are you too having trouble getting CQ Communications to honer their subscription agreement. CB_Radio went out of production, but the remainder of the subscription was to be fulfilled with the magazine "Popular Communications".

I received a notice from CQ Communications saying my subscription would expire with the December-96 issue, this even though my subscription started with the April-96 issue, even though CB_Radio was not even in production in December-95 or even January-96.

I replied by snailmail saying "BullShit, my subscription started with the .April-96 issue", Now they are saying my subscription will end with the Feb-97 issue rather than with Dec-96.

I emailed Mr Ort the editor of PopCom explaining my situation. he said he would check into it for me. He replied saying he was told my subscription expires with the Feb-97 issue, but he would send me a copy of the March-97 issue himself. I replied i didn't want any favors but what i had paid for (including the March *AND* April issues), but would now like my subscription cancelled and a refund made since they arent going to send the 12 issues they agreed to. I got a very nasty responce from Mr Ort.

I'm curious whether this is happening just to me or is a wider spread problem? /Bert

Bert Burland aka N5TOA / From The Texas Panhandle
EMail-(bertb@netjava.com) Fido-NetMail-(Sysop@1:3825/24)

4667. Why should we learn the code??

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: "Ray Hodgkiss, N9YNG" <hodgkiss@kiva.net>
Message-ID: <325ADD70.5E81@kiva.net>
Source record: 215249

It is impossible not to notice this ongoing debate about the code. There are valid arguments on both sides of the issue. CW is a mode considered outdated, so maybe it should be dropped as a requirement. I can see that point.

However, I think its important to realize that whether or not it is outdated isnt the point. People have asked why learn what is essentially another language, if they never indend to use it. I asked myself the same thing when I took german for two years in college. I thought I'ld never use it. I was wrong. I had an chance to go to Austria/Germany and it did come in handy, like when I wanted to buy a pack of cigarettes. I spoke german when there was no other way to communicate, especially when somebody didnt know english, and I really wanted a beer or a kasewurst. And I actually enjoyed it.

No other way to communiate? Thats an interesting thought. I would imagine that knowing CW would open serious doors in DXing, on all bands, when ionospheric conditions are at their worst, kind of like now.

Another intersting thought is CB and how it is today. Its a mess in general, loaded with bad operators. I know a good number of very good respectful CBers, but becasue there are so many bad apples, it is not an enjoyable aspect of the radio hobby.
The CW requirement helps keep out more of the bad apples. I recognize that just becasue you know CW doesn't mean you a "good" apple, and just becasue you dont know CW doesn't mean your a bad apple. But I think the requirement works as a filter to keep those not serious about the hobby out. Once again, I am NOT saying that just becasue you dont know the code doesn't mean you're NOT serious. I want to make this very clear.

This is my last thought. I just recieved my Master of Science. There was a no-thesis option, that I did not take. I wrote a thesis. I learned a good deal of information about research that otherwise I would have lost out on. It strikes me that people want to take the "easy way out" and gain HF privs w/o a lot of work. In regard to my peers who did opt for the no thesis option, I do not respect them any less. They made the decision best suited for them.

So I am not lectruing anybody, these are just the opinions of a no-code tech, intendning to upgrade to General ASAP.

Ray Hodgkiss, N9YNG

4668. Hurricane Frequencies (resend)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: snyder@fishnet.net
Message-ID: <53eo17$1u5@mackrel.fishnet.net>
Source record: 215250
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave

HURRICANE FREQUENCIES
(Unless otherwise noted, times are UTC, freq in kHz)
Revised October 1, 1996

The following high-frequency hurricane season intercepts have been gleaned from numerous sources. Times and frequencies are subject to frequent change, and are listed for reference only. This list has been published monthly during hurricane season since 1991.

If you copy this list, credit the authors. Do not remove update request and e-mail addresses. This is the only way we can keep the list updated! Thank you all who have so generously contributed information. Enjoy!

Bill Snyder AA6KC
Roger Pettengill

FREQUENCIES OF INTEREST DURING HURRICANE SEASON

03357.0 FAX Pictures from NAM Norfolk (continuous)
03407.0 USB National Hurricane Center air-gnd ◆ALPHA◆
04271.0 FAX Pictures from CFH Halifax (continuous)
04426.0 USB USCG wx NMN Portsmouth (0400 0530 1000)
04724.0 USB Hurricane hunter acft - GHFS
05211.0 USB SHARES - FEMA National Emergency Coordination Net (night pri)
05562.0 USB National Hurricane Center air-gnd ◆BRAVO◆
05610.0 USB National Hurricane Center air-gnd ◆CHARLIE◆
06496.4 FAX Pictures from CFH Halifax (continuous)
06501.0 USB USCG wx NMN Portsmouth (0400 0530 1000 1130 1600 2200 2330)
06673.0 USB National Hurricane Center air-gnd ◆DELTA◆
06739.0 USB Hurricane hunter acft - GHFS guarded by MacDill & Ascension
07507.0 USB USN/USCG hurricane net (pri)
07508.5 USB FAA Caribbean hurricane net
08764.0 USB USCG wx NMN Portsmouth (0400 0530 1000 1130 1600 1730 2200 2300)
08876.0 USB National Hurricane Center air-gnd ◆ECHO◆
08968.0 USB Hurricane hunter acft - GHFS
08992.0 USB Hurricane hunter acft - GHFS guarded by MacDill & Ascension
09380.0 USB USN/USCG hurricane net (sec)
10015.0 USB National Hurricane Center air-gnd ◆FOXTROT◆
10493.0 USB SHARES - FEMA National Emergency Coordination Net (day pri)
10536.0 FAX Pictures from CFH Halifax (continuous)
10865.0 FAX Pictures from NAM Norfolk (continuous)
11175.0 USB Hurricane hunter acft - GHFS guarded by MacDill & Ascension
13089.0 USB USCG wx NMN Portsmouth (1130 1600 1730 2200 2330)

13200.0 USB Hurricane hunter acft - GHFS
13267.0 USB National Hurricane Center air-gnd ◆GOLF◆
13510.0 USB Pictures from CFH Halifax (1000-2200)
15016.0 USB Hurricane hunter acft - GHFS guarded by MacDill & Ascension
17314.0 USB USCG wx from NMN Portsmouth (1730)
17901.0 USB National Hurricane Center air-gnd ◆HOTEL◆
17976.0 USB Hurricane hunter acft - GHFS
21937.0 USB National Hurricane Center air-gnd ◆INDIA◆

AMATEUR HIGH-FREQUENCY EMERGENCY HURRICANE NETS

01984.0 LSB Virgin Islands (Virgin Islands, Puerto Rico, Lesser Antilles)
03808.0 LSB Caribbean Wx (1030)
03815.0 LSB Antigua/Antilles
03815.0 LSB Inter-island (continuous watch)
03845.0 LSB Gulf Coast West Hurricane
03862.5 LSB Mississippi Traffic
03873.0 LSB Central Gulf Coast Hurricane
03873.0 LSB Texas Traffic
03905.0 LSB Pacific ARES (Hawaii)
03907.0 LSB Carolina Coast Emergency
03910.0 LSB Mississippi ARES
03910.0 LSB Virginia Emergency, Alpha
03915.0 LSB Louisiana Emergency
03915.0 LSB North Carolina
03915.0 LSB Massachusetts/Rhode Island Emergency
03917.0 LSB Eastern Pennsylvania Emergency
03923.0 LSB Mississippi ARES
03923.0 LSB North Carolina Emergency (Tar Heel)
03925.0 LSB Central Gulf Coast Hurricane
03925.0 LSB New York State Emergency
03925.0 LSB Louisiana Emergency (altn)
03925.0 LSB Southwest Traffic (altn)
03935.0 LSB Belize
03935.0 LSB Central Gulf Coast Hurricane
03940.0 LSB Southern Florida Emergency
03947.0 LSB Virginia Emergency, Bravo
03950.0 LSB Northern Florida Emergency
03955.0 LSB South Texas Emergency
03960.0 LSB North East Coast Hurricane
03965.0 LSB Alabama Emergency (altn)
03967.0 LSB Gulf Coast (outgoing traffic)
03975.0 LSB Georgia ARES
03975.0 LSB Texas RACES
03987.5 LSB Mexican National
03993.5 LSB Gulf Coast Health & Welfare
03993.5 LSB South Carolina Emergency
03995.0 LSB Gulf Coast Wx
07165.0 LSB Antigua/Antilles

07165.0 LSB Inter-island 40-meter (continuous watch)
07225.0 LSB Central Gulf Coast Hurricane
07230.0 LSB Southwest Traffic
07232.0 LSB South Carolina Emergency
07232.0 LSB North Carolina Emergency (Tar Heel) (altn)
07235.0 LSB Louisiana Emergency
07235.0 LSB Baja
07235.0 LSB Central Gulf Coast Hurricane
07240.0 LSB Texas Emergency
07243.0 LSB Alabama Emergency
07243.0 LSB South Carolina Emergency
07245.0 LSB Southern Louisiana
07247.0 LSB Southern Florida Emergency (altn)
07247.5 LSB Northern Florida Emergency (altn)
07248.0 LSB Texas RACES
07250.0 LSB Belize
07250.0 LSB Texas Emergency
07254.0 LSB Northern Florida Emergency
07260.0 LSB Gulf Coast West Hurricane
07264.0 LSB Gulf Coast Health & Welfare
07268.0 LSB Waterway
07273.0 LSB Texas Traffic
07275.0 LSB Georgia ARES
07280.0 LSB NTS Region 5
07280.0 LSB Louisiana Emergency (altn)
07283.0 LSB Gulf Coast (outgoing only)
07290.0 LSB Central Gulf Coast Hurricane
07290.0 LSB Gulf Coast Wx
07290.0 LSB Hawaii Emergency
07290.0 LSB Traffic
14185.0 USB Caribbean Emergency
14200.0 USB (Please advise)
14215.0 USB Pacific Inter-island
14222.0 USB Health & welfare
14245.0 USB Health & welfare
14268.0 USB United Nations Radio Readiness Network
14275.0 USB Bermuda
14275.0 USB International Amateur Radio Net
14283.0 USB Caribus Health & Welfare
14300.0 USB Intercontinental Traffic and Maritime Mobile Service
14303.0 USB Atlantic Region Traffic (Health & welfare)
14316.0 USB Health & Welfare
14325.0 USB Hurricane Watch (Amateur-to-Natl Hurricane Center)
14340.0 USB Louisiana (1900)
14340.0 USB California-Hawaii
21310.0 USB Health & welfare (Spanish)
21390.0 USB Inter-Americas Health & Welfare
21400.0 USB Transatlantic Maritime
28450.0 USB Health & welfare (Spanish)

Hurricane reconnaissance aircraft (hurricane hunters) now operate primarily

on US Global High Frequency System (GHFS) frequencies. Best frequencies to

monitor are those guarded by MacDill and Ascension. After initial contact
on one of the published GHFS frequencies, listen closely for them to switch

to a non-published frequency to pass traffic. Aircraft call signs are
"GULL-nn" or "TEAL-nn" (where nn is a 2-digit number), "NOAA-42", "NOAA-43
and NOAA-49. The GULL and TEAL aircraft are based at Keesler AFB,
Biloxi, MS. The NOAA aircraft are based at MacDill AFB, Tampa, FL.

Whenever a hurricane is within 300 miles of land in the northern western
hemisphere, the Hurricane Watch Net is operational on 14325. The Hurricane

Watch Net provides communication between the National Hurricane Center and
the affected areas.

During a communications emergency, W1AW transmits special bulletins by
voice at hh:00, teleprinter at hh:15, and CW at hh:30. Frequencies are:
Voice 01855 03990 07290 14290 18160 21390 28590
Teleprinter 03625 07095 14095 18102.5 21095 28095
CW 01818 03581.5 07047.5 14047.5 18097.5 21067.5 28067.5

The National Institute of Standards and Technology broadcasts storm warn-
ings on 2.5, 5, 10, 15 & 20 MHz AM according to the following schedule:
WWV hh:08 Covers Atlantic and eastern North Pacific
WWVH hh:48 Covers Western, Eastern, Southern, and North Pacific

---

Globe Wireless broadcasts weather information, forecasts and bulletins in
CW and SITOR modes on the following time-slot schedule:

STATIONS
WNU New Orleans, Louisiana
VCT Tors Cove, Newfoundland
KFS Palo Alto, California

FREQUENCIES
WNU FEC: 04210.5 06327.0 08425.5 12588.5 12607.5 16384.5
VCT FEC: 04217.5 06329.5 08422.0 12610.5 16827.5
KFS FEC: 04211.5 06315.5 08417.5 12580.5 16829.5 22377.5
WNU CW: 00478.0 04310.0 08570.0 12826.5 17117.6 22575.5
KFS CW: 00476.0 08558.4 12844.5 17026.0 22581.5

FEC PRODUCT & TRANSMISSION TIMES
WNU: GOM/CARIB/ATL CYCLO BULL 0220 0520 0820 1120 1420 1720 2020 2320

WNU: GOM/CARIB OFFSHORE FCST 0350 0950 1550 2150
VCT: N ATL HIGH SEAS WX 0450 1050 1650 2250
KFS: E & CTL PAC CYCLO BULL 0220 0520 0820 1120 1420 1720 2020 2320
KFS: PAC HIGH SEAS WX 0450 1050 1650 2250

CW PRODUCT & TRANSMISSION TIMES
WNU: GOM/CARIB/N ATL HSEAS WX 0350 0950 1550 2150
KFS: PACIFIC H SEAS WX 0450 1050 1650 2250

NOTES:
1. Offset tune 2.2 kHz for FEC broadcasts in FSK or LSB
2. Normal hurricane season extends 01 June to 30 November

Links to a wide array of current technical hurricane information and data can be found at Eric Blake's Atlantic Tropical Weather Center page located at http://banzai.neosoft.com/citylink/blake/tropical.html. Products include weather forecasts, hurricane reconnaissance flight data, satellite weather images, and more.

You really can help keep this list current by sharing your additions, corrections and deletions. Cite source and include detailed info. Submit to either of the following:

Bill Snyder AA6KC
E-mail: snyder@fishnet.net (please note new e-mail address)
Amateur Packet: AA6KC@WB6WFH.#SOCA.CA.USA.NOAM
FAX: 805-254-2060
US Mail: 26033 Coronado Ct, Valencia, CA 91355-2142

Roger Pettengill
E-mail: rwp@westnet.com
Compuserve: 73300,1327
US Mail: 181 Main St, Highland Falls, NY 10928

[EOF]

4669. Why arn't you an ARRL member??

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-0810962256350001@host69.cyberg8t.com>
Source record: 215251

The ham Poll at www.sarrio.com shown below asks a new question for the
month of October:

Why Have You Not Chosen To Join The ARRL?

Less than 1/3 of all ham radio operators are members of the ARRL. The
question for this month is
directed to those of you who are not members.

From the list of possible reasons below, select the reason that best
describes why you have not
chosen the join the ARRL.

The results:

The dues are too high. | 0
Their Ham policy positions are not close to mine.| 0
They are too closely tied to ham commercial interests. | 0
I was not treated well by one of their representatives.| 0
I just haven't gotten around to it. | 0

Stop by and vote and check out the results. 73's Ray
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront and web site developer. Located
at http://www.sarrio.com.

In association with Brillar Enterprises http://win-win.com/brillar provider of discount
CD-Roms!

4670. Update: Windows Logging Freeware

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: M.McAmis@Valley.Net
Message-ID: <53eo8d$vmf@dartvax.dartmouth.edu>
Source record: 215252

Disappointed with your commercial/shareware logging or packet software for Windows? Try XMLog, freeware that's available on the Internet. XMLog provides a flexible set of coordinated logging and packet features.

* Version 1.25 is now available, this version has one
* change - it handles an install problem some people were
* having with incompatible versions of MSCOMM.VBX. If
* you got version 1.24 installed, you don't need 1.25.

Where to get XMLog on the Internet using a Web browser:

Try my new home page at http://franklin.ptgi.com

or...

Try the Boston Amateur Radio Club's home page at http://www.acs.oakland.edu/barc/barc.html

- scroll down to the "BARC FTP Archives" section
- click on "FTP Archive"
- scroll down to "Software Archives"
- click on "PC Files"
- click on "logging"
- scroll down and click on "xmlog125.zip"

(Even though the directory says DOS, it really is a Windows program...)

Getting XMLog on the Internet using FTP:

Sign on to ftp.barc.org with the userid of anonymous and a password of guest. Move to the /pub/hamradio/dos/logging directory and get xmlog125.zip

or...

Sign on to ftp.funet.fi with a userid of anonymous and supply your e-mail address as the password. Move to the /pub/ham/hf-log directory and get xmlog125.zip

Version 1.24/1.25 has many minor improvements - the big changes are DXCC/WAS/WAZ award submission tracking and support for the Radio Amateur Callbook (Flying Horse) CD.

If your PC only has 4mb of memory, Version 1.23 is still available at my home page or at BARC's home page (version 1.25 requires 8mb).

The archives can be busy at times, don't give up if you
can't sign on right away. Let me know if you:
- want more info
- can't fetch the file
- want a diskette instead

Have fun...

Mike McAmis/WA3ECT
433 Hanover Center Road
Etna, NH - 03750

M.McAmis@Valley.Net (e-mail)
WA3ECT @ W1ET.NH (packet)

4671. Re: How to find list of available Extra vanity calls?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: wday@dfw.net
Message-ID: <wday-0810962009440001@ppp8.fortworth.dfw.net>
Source record: 215253

In article <53e1bc$5ce@escc.corp.es.com>, dvhunt@es.com (Darvell D. Hunt) wrote:

> I am considering upgrading my advanced call and getting an
> Extra vanity call. Does anyone know where I can get a list
> of available calls as of now?
>
> I don't want to make a list of 25 calls that I may or may not
> get. I want a list of 4 or 5 that I can probably get.
>
> Thanks,
> de Darvell (KE7GW)

If you were to wait a few weeks until the current crop of Extra Gate 2
vanity requests are processed, and then query one of the updated servers
like the one at the U of Arkansas.. one that is updated daily from the
FCC's database.. then you might have a relatively good chance to getting
one that you requested on your FedEx'ed request.

But, until the current 5,000 or so applications from Extras are processed,
I'm afraid you're outta luck.. there's no way of telling, until all of the
smoke clears, which callsigns would be available when your application is
processed.

73 Wayne KF5ZC

Wayne Day KF5ZC Fort Worth,Texas,USA kf5zc@amsat.org |
CompuServe: 76703,376 76703.376@CompuServe.Com | ,__o
wday@dfw.net |--_<,
Member: Bicycle Mobile Hams of America (*)/'(*)
For info on BMHA or the BIKEHAM mailing list: Finger KF5ZC@dfw.net
---

4672. Re: SpamBots and newsgroups

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <53cl7k$702@news.Hawaii.Edu>
Source record: 215254
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Ramon Gandia <rfg.at.nome.dot.net@no.spam.please> wrote:
>
> This is to foil the SpamBots. These are programs that
>read newsgroups and collect e-mail addresses from posters. Those
>addresses are processed into mailing lists for unsolicited
>commercial advertisement by e-mail, called "Spam". You also see
>Spam direct to the newsgroups, like chain letters, etc., but the
>one of concern is the e-mail Spam.
>...
>I strongly suggest that you folks follow suit, as the lists are being
>compiled NOW.

Too late. I'm now receiving several ads per day. In fact the lastest ad tried to sell me one million email addresses. Another wanted to sell me a program that would collect 50,000 addresses off Usenet per hour. Many of the sellers are using phoney addresses so it does no good complaining to the site that appears in the "From:" line.

Many of the ads begin by saying "If you don't want to receive any more of these ads place REMOVE in the subject line." But of course, if the address is phoney that doesn't work.

I've noticed many advertisers have ceased supplying 800 telephone numbers; too bad - calling them from Hawaii many times used to be my revenge.

My "d" key is beginning to show wear...

Jeff KH2PZ

4673. Re: Suffixes to amateur call signs

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <53cm9j$7pf@news.Hawaii.Edu>
Source record: 215255

Anthony R. Gold <tgold@panix.com> wrote:
>I'm not sure I understood your comment about New England as my post
>didn't mention a first district call or suffix.

Well, from here in Hawaii, everything east looks like New England.
I don't know what to call the Second District other than the North-
eastern US.

73 from the 13th district,
Jeff KH2PZ

4674. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: gareth@capecod.net
Message-ID: <53cmgm$9om@news0-alterdial.uu.net>
Source record: 215268

jherman@Hawaii.Edu (Jeffrey Herman) wrote:

>Cecil Moore <Cecil_A_Moore@ccm.ch.intel.com> wrote:
>>Randolph Kielich wrote:

>>> I'll determine what is or is not important to myself in this life
>>> time and no one else. If I need a 'personal manager' for my life, I'll go
>>> out and hire one, thank you.

>>With all that "anxiety and dread" suffering over a ham call at your age,
>>I was concerned about your health.
>>73, Cecil, W6RCA (not speaking for my employer)

>Not fair, Cec. You got your vanity callsign when Gate 1 opened. That gate
>was non-stressful for you since you knew you were going to get what you'd
>requested. But poor Randy - he can't sleep at night worrying, his wife left
>him, and his dog bit him. Give him some sympathy.

>Jeff KH2PZ / KH6

Rumor has it, that a local ham was bitten by the wife and then the dog
left him!

4675. Re: NEED Clipperton mod

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: thompson@atl.mindspring.com
Message-ID: <53corn$pe7@camel1.mindspring.com>
Source record: 215269

ernie@sgi.net wrote:

>I have a Dentron Clipperton L amp and have been trying to find some
>info on a mod to allow operation on 10 meters. Does ANYONE have this
>info, or know where I can find it.
> Thanks: Ernie,, KE3VC

Ernie,

Try Bill K4BWC at Omega Electronics in Knightdale, NC 919-231-7373 or
FAX 919-250-0073. He has a kit (he can install or you can install).

Dave K4JRB

4676. Re: Callsign Patterns

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: prvalko@vela.acs.oakland.edu
Message-ID: <53cq1t$1cn@news2.acs.oakland.edu>
Source record: 215270

Hans Brakob (k0hb@hamlink.mn.org) wrote:
: For example, a lot of club stations at universities have calls in
: the pattern "W#Y$" (1x2, W prefix, with "Y" as the first letter in
: the suffix). There are a lot of those still around and I can
: remember many more in the past which probably are expired. Examples
: are W1YA, W1YU, W0YC.

A "lot?" Possibly... I think it may just be coincidence, the
University of Michigan is W8UM.

: By the way, my friend W0CRO is disappointed that he cannot
: retrieve his original call in the vanity program. It was
: 9CWN. (No, not W9CWN, not K9CWN, not N9CWN, just plain 9CWN!)

You learn something new every day, I thought all those original calls
were #xx, like my old friend 8HI.

: 73, de Hans, K0HB (Whose original call KG6AQI will soon be
: recycled!)

Hans! Is that a typo? It must be, how'd you get a 1x2 with a "new"
call like a KG6? Or was that GAUM or some place like that? :-)

73 =paul= wb8zjl <-- watch this space!

4677. Re: FCC Issuing Vanity Calls?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: prvalko@vela.acs.oakland.edu
Message-ID: <53cqgq$1cn@news2.acs.oakland.edu>
Source record: 215271

Pete (retep@thecore.com) wrote:
: Was looking through latest FCC licensing activity and see a number of
: previously available call signs have been assigned. One in particular
: W5DX, leads me to believe that the issuing process has begun. Anybody
: have any info? Good Luck! Pete - KF2WI (for now?)

Yes. On our planet, the FCC has been issuing "vanity" calls for several months. They just opened a GATE 2 on September 23rd for Extra-class hams. The first gate was for people to receive previously issued calls, and for folks that somehow could claim a bloodline to a deceased or expired ham callsign.

Sorry, Pete... couldn't resist :-)

On a serious note, the tongues are wagging and calling for an "investigation" on some of these recent gate 1 "snaches." NOT ME, of course :-) I haven't seen any of MY personal choices get taken yet :-)

73! es GL, =paul= wb8zjl <--- watch this space!

4678. Re: What a Wonderful Life.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: garyn@tir.com
Message-ID: <3259e7d4.1982697@news.tir.com>
Source record: 215272

On Mon, 07 Oct 1996 05:51:37 -0400, Burt Fisher <k1oik@ccsnet.com>
wrote:

:>EMTP4355 wrote:
:>>
:>> I wish people would put it in the subject title that a post is related to
:>> this Burt person.
:>
:>You are right. Hams pee in their pants if something interesting occurs
:>in their meaninless little lives.
^^^^^^^^^^
That's 'meaningless' Burt, evidently spelling isn't one of the topics
you 'attempt' to teach.

BTW It's very interesting that you attempt to demean most of your
fellow hamsters and their relationships with females, yet I see you
are a very voracious poster to alt.support.divorce. Could you still be
smarting from your own relationship with a female(s) that went sour
? This couldn't be a case of the pot calling the kettle black could it
Burt ?

Gary ....

:> .-.
:> // ,. \\ / \ .-. .
:> \\ ( ) // / \ / \ .-. _ .-. /
:> \>-'`-</ /--Burt Fisher K1OIK@ccsnet.com-\---/-\---/---\-----/--
:> ( )( ) \ / \ / `-' `-' \ /
:>) (\ / `-' `-'
:> / \ `-'
:> \ /
:> \/ / <----- Hams this is a female
:> (<
:> \ |

Gary
E-Mail: garyn@tir.com
"life is what happens while you're busy making plans"

4679. ~FCC closes down all 12 monitoring stations~

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: au@ix.netcom.com
Message-ID: <53ct1f$58d@dfw-ixnews11.ix.netcom.com>
Source record: 215273
Cross-posted to: rec.radio.amateur.misc,rec.radio.cb,alt.radio.pirate,rec.radio.scanner

From Mobile Radio Technology Oct '96:

"The FCC has closed all 12 of it monitoring stations. Almost all FCC field offices are equipped for monitoring frequencies at VHF and above. The monitoring stations were additionally equipped to monitor signals in the high-frequency (HF) range. Stations were closed in the following locations: Allegan, MI; Anchorage, AK; Belfast, ME; Douglas, AZ; Ferndale, WA; Grand Island, NE; Honolulu; Kingsville, TX; Livermore, CA; Powder Springs, GA; San Juan, PR; and Vero Beach, FL.

Other offices closed by the commission include those in Buffalo, NY; Norfolk, VA; Miami, Houston, Portland, OR; and St. Paul, MN.

Ok whats open?

Offices that remain in operation include Atlanta; Baltimore; Boston; Chicago; Dallas; Denver; Detroit; Kansas City, MO; L.A.; New Orleans; New York; Philadelphia; San Diego; San Francisco; Seattle; and Tampa, FL.

The FCC has previously announced that upon closing of the field offices and monitoring stations that it would have a toll-free number to report Land Mobile interference problems. 800-322-8255 "

According to this article Prior to June 1, 1996 the FCC maintained 35 field offices and monitoring stations, this number has dwindled to 16 offices.

Just thought it was an interesting piece of news to pass on to all the radio enthusiasts.

au

4680. Ear Talkers - Where and Which (for my GP300s)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: phuho@csv.warwick.ac.uk
Message-ID: <53ctph$1id@violet.csv.warwick.ac.uk>
Source record: 215274
Cross-posted to: uk.radio.amateur,rec.radio.amateur.misc,rec.radio.amateur.tech,rec.radio.amateur.equipment

I was wondering are there different makes of Ear Talkers - and if so which ones are the best? Also where can I get them from (UK) and I was told that some perform poorly with my Motorola GP300s?

Cheers,

Claudette.

PS Copy your post to my email, as my news receiption is not very reliable.

4681. Programming Motorola GP300s

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: phuho@csv.warwick.ac.uk
Message-ID: <53ctqq$1id@violet.csv.warwick.ac.uk>
Source record: 215275
Cross-posted to: uk.radio.amateur,rec.radio.amateur.misc,rec.radio.amateur.tech,rec.radio.amateur.equipment

Are there any details about on the internet regarding how to reprogram PMR radios?

I appear to have the software, but where can I find out about how to construct a lead/interface?

Cheers,

Claudette.

PS Please copy your post to my email as my receiption of news is poor.

4682. Re: 10 Meter Freqs

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: tgold@microvst.demon.co.uk
Message-ID: <844756498snz@microvst.demon.co.uk>
Source record: 215276

In article <53bq3b$frp@kirin.wwa.com> Bigdad@Rworld.com "Bigdad" writes:

> Ok this is getting QUITE rediculous. YES im sorry to say i do
> have a call sign which i will not give here. I asked what i
> thought was a simple question and was berated with demands for
> explanations well horse hockey!!! Ill get my information
> elsewhere. Like i said in one other reply hams USED to be
> friendly and helpful but that seems to have gone the way of the
> 807!!

The ONLY reason why people asked your call was to determine your
Licence Class which you are still unaware of, and so interpret to you
the FCC rules which apply to you. It is only your own massive
ignorance of of the licensing rules that led you to ask your question
and prevented from understanding what information was required to
answer it. I am suprised that you found hams friendly and helpful in
the past when approached by an anonymous person sporting a cute CB
handle and concealing his claimed call sign.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

4683. Re: FCC Issuing Vanity Calls?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: tgold@microvst.demon.co.uk
Message-ID: <844756715snz@microvst.demon.co.uk>
Source record: 215277

In article <3259DC77.357F@thecore.com> retep@thecore.com "Pete" writes:

> Was looking through latest FCC licensing activity and see a number of
> previously available call signs have been assigned. One in particular
> W5DX, leads me to believe that the issuing process has begun. Anybody
> have any info?

Yes the issuing process has begusn. but not yet for Gate 2. W5DX was
re-issued prior to Sept 23 under an earlier gate.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

4684. Re: What the big guys think of hams.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: hwatson@erinet.com
Message-ID: <53d1cg$fo6@eri.erinet.com>
Source record: 215278

>Burt:

>On Sun, 6 Oct 1996, Burt Fisher wrote:

>
>> > I especially *LOVED* the part about hams NOT doing the public any good in
>> > emergency situations anymore.
>>
>> Remember I was not the author however hams do a minute amount of good.
>> But it is rare that a ham does anything but blab while sitting on his
>> fat white butt.

ONLY the "typical hams" like YOU Burt.

>> We call those kids PIMPLE FACED GEEKS.
>> I have students that are ASHAMED to admit they are hams.

>If I had YOU as an elmer, I' be ashamed too.
Maybe if Burt wasn't such a "typical ham" they would have more
interest.

I find it hilarious how Burt rants and raves about the "Typical Ham",
and every time he posts he proves himself more and more to be the
epitome of that "typical ham".

>> You are right it is rare for a ham to hear and accept DIFFERENT views.
YOU should know Burt!

I hearby put forth a call to all in joining me in electing Burt as the
ULTIMATE "Typical Ham" (using his definition, of course)

Howard B. Watson Jr. - N3TNQ - hwatson@erinet.com - Springfield, OH

4685. Re: What a Wonderful Life.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: hwatson@erinet.com
Message-ID: <53d1m4$fo6@eri.erinet.com>
Source record: 215279

Burt Fisher <k1oik@ccsnet.com> wrote:

>You are right. Hams pee in their pants if something interesting occurs
>in their meaninless little lives.

As the Ultimate Typical Ham (henceforth referred to as the UTH) you
speak with authority, AND I am willing to bet, not a small amount of
experience.
Howard B. Watson Jr. - N3TNQ - hwatson@erinet.com - Springfield, OH

4686. Re: easy gentlemen...2m dx

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <53d9pt$jdu@lehi.kuentos.guam.net>
Source record: 215280

In article <535k4n$27mc@usenetw1.news.prodigy.com>, VUBS79A@prodigy.com (Drew Durigan) wrote:

>
>It's a crappy world that we live in, and getting worse all the time.
>
>
>-Drew in Sunny Central Florida-
> KF4DDM

That's why they have bridges in Florida, Spew. Something for you to jump off of when things get too bad for you to take anymore.

Have a nice Dive,
Jim KH2D

4687. Re: subscribe

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <53d9pv$jdu@lehi.kuentos.guam.net>
Source record: 215281

Tom C <tomc@tiac.net> wrote:

>Please subscribe me to rec.radio.amateur.misc...thanks

POOF !!! You are subscribed.

4688. VE7TCP

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: bry@mnsinc.com
Message-ID: <53d9bu$gjg@news1.mnsinc.com>
Source record: 215282
Cross-posted to: rec.radio.amateur.misc,rec.radio.swap

Does anyone have any idea what has become of this gentleman's Internet
connection??

Reply e-mail only.

The original message was received at Thu, 3 Oct 1996 02:56:21 -0700 (PDT)
from user.mnsinc.com [206.55.3.12]

----- The following addresses have delivery notifications -----
<dx@ve7tcp.ampr.org> (unrecoverable error)

----- Transcript of session follows -----
<dx@ve7tcp.ampr.org>... Deferred: Operation timed out with ve7tcp.ampr.org.
Message could not be delivered for 5 days
Message will be deleted from queue

4689. Re: ARRL Elections a Sham, AGAIN!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <53da73$ln8@jupiter.planet.net>
Source record: 215283

> "William C. (Bill) Wells" <WA8HSU@netusa1.net> writes:

> Subject:
> Re: ARRL Election a Sham, AGAIN!
> Date:
> Mon, 7 Oct 1996 11:14:18 -0400
> From:
> ATVQ@aol.com
> To:
> WA8HSU@netusa1.net
>
>
> Be it known by all presents....oh, wrong speech.
> I, Henry Ruh KB9FO did secure the sacred crest embossed ARRL affidavits,
> to
> run for the office of Director. Ten signatures were required, 19 were
> on the
> petition to run for office. It was sent by FEd Ex and arrived at ARRL
> HQ. I
> received both a FAX and a PERSONAL PHONE CALL from Dave Sumner, K1ZZ
> acknowledgint that my petition had been received and was timely.
>
> The petition to run for office was disqualified because even though at
> the
> time it was filed I had a buyer for ATVQ, the sale was not completed
> although
> at the time it was expected to be completed by Oct 1., well in advance
> of the
> actual election.
>
> ATVQ in its most recent year had a gross income of about $26,000 and a
> taxable net loss of $29. (in other words I run it as a break even/self
> sustaining effort with no pocketable/taxable profit, I have nothing
> against
> profit, I just didn't make any!)
>
> Mr. Sumner called the friday of the deadline to inquire about, and was
> sent
> by fax, the pertinent details of the pending sale.
>
> In a letter received a few days leter, Mr. Sumner explained that my
> petition
> to run was disqualified due to conflict of interest (the magazine
> business)

> and their rules do not allow for any commercial interests in anything
> related
> to ham radio in order to qualify to run for office. In other words, no
> one
> who works or ownes a ham related business (one would think the people
> most
> interested in the success of ham radio) can run for office unless they
> first
> divest themselves of any such interst.
>
> This automatically means only retired people, jobless people, (at least
> nojob
> in ham radio) can run for office to run the only ham radio
> organization.
>
> Hey, its their rule not mine! I would choose the people who have the
> best
> interests of ham radio, those who depend on its success to remain
> successful,
> to run the shop. Its like refusing to hire Mario Andretti as a mechanic
> because he works asd a race car driver and therefore must have a
> conflict of
> interest, since he might not want someone's street car to be able to be
> go
> faster than his does on the race course!
>
> 73
>
> Henry

So what's the problem here?? The key word is PENDING.
If the rules say that a conflict of interest is present and that
the sale of the property in question must be complete before
consideration is given, then by Mr. ruh's own admission,
he fails to qualify as the sale was still PENDING at the time
the petition was submitted. PENDING is not the same as
COMPLETED. So again, what was the problem.

Obviously, having read several of Mr. Ruh's posting, he
seem exempt from the rules, that apply to everyone else.

Gee...kinda seems like the no\pro code debates

4690. passing the license in France?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: schumm@sdp13dj.der.edf.fr
Message-ID: <SCHUMM.96Oct8133703@sdp13dj.der.edf.fr>
Source record: 215284

I prepared for my license in Germany but now moved to France. Where would
i apply, what's the procedure, fees etc..?

Andreas

4691. Re: ICOM radios lose their minds? (backup battery issue)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: gfiber@cmc.net
Message-ID: <53dhih$8m9@news.cmc.net>
Source record: 215285

Patrick Cook <pcook@dimensional.com> wrote:

>On Sun, 6 Oct 1996, William Gode wrote:

>> >I vaguely recall reading on the net, some years ago, that there was a
>> >problem with some (all?) ICOM equipment because if the backup battery
>> >inside the unit failed, the operating parameters would all be lost and
>> >could only be restored by sending the unit back to ICOM for repair.

The ICOM radios that have the Lithium battery backed ram are the
IC-745,751,751A, 761, R71, 271, 471, 1271, M700 and M700TY
ICOM America has a Ram board that was originally programmed in 1982 and it is
still going strong. The ram only draws 1 or 2 nano amps of current and the
batteyr is able to supply 150 milliamps of current. Most will not have any
problems with the Ram board for the life of the radio.

Gary

4692. Re: Digital/Analog HF Receiver Design

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: keinanen@sci.fi
Message-ID: <199610081250.OAA25143@r2d2.sci.fi>
Source record: 215286

I am reposting this message, since it did not get out the first time
(according to AltaVista). Sorry for any duplicates and for using such
unconventional means of posting.

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>Oh, I see what you're doing. The A/D doesn't respond directly to
>signal power. It responds to signal current. So the proper ratio
>is 20*log(2^16)=96.33 db. That's the maximum possible ratio of
>signal power above the quantization noise. But I can't use that
>range properly. The signal is buried in real noise (channel noise)
>and mixed with real signals, both above the quantization threshold,
>and it has a finite span of its own. I need that span to be more than
>one bit to do any meaningful processing of it, IE so I can extract
>it from the channel crud and demodulate it.

>I might be able to get away with 2 bits if the signal waveform
>were a simple square wave,

I can only agree with this if we assume that no dithering is used (and that
the background noise level is well below one quantization step). When
dithering is used, much smaller signals can be detected at low and medium
frequencies. "Fade to noise" is a common test to check the linearity of a
CD-player. Dithered tones at -105 dB or even lower levels are detected,
while you would expect only -96 dB for the 16 bit CD-system. I don't know
how well this can be applied to I/Q demodulation, but I assume that if the
signals of interest are a few octaves below Fs/2 (say below 5 kHz), one or
two extra bits can be extracted. Some noise shaping tricks might even be
usable, but I haven't looked into it. Anyway, it is very desirable to have
18 to 24 bit DSPs to process the samples from 16 bits ADCs.

>but to recover the more complex waveform
>of QPSK, I need more bits. 4 may do, but 8 works lots better.

If you want to tranfer 28.8 kbit/s through a 3 kHz channel (e.g. ordinary
phone modems) then 8 bits certainly makes sense. However, when transfering 2
bits/symbol in QPSK even 4 bits sounds quite a lot, particulary if the
sampling frequency Fs is a few octaves above the tones of interest, when
some extra resolution can be obtained from the dithering effects of band
and/or equipment noise.

>So a 2 bit span reduces the usable dynamic range by 12 db, 4 bits
>by 24 db, and 8 bits by 48 db.

Yes, the minimum _usable_ signal must be greater than the quantization step
by several dBs and several tens of dBs for extremely complex waveforms.

This is nitpicking, but the dynamic range for analogue receivers are usually defined between strong off channel signal(s) and the noise floor (which depends on the detection bandwidth). The ratio is not between strong signal(s) and a usable signal.

>Note, the A/D can *handle* a wider span than that, but if my
>desired signal plus other passband crud gets within 4 bits of
>either limit, it clips, and I can't process it properly.

You must have quite a few strong undesired signals in the ADC pass-band in order to get the peak voltages aligned at the same time to have the signal clipped with 24 dB headroom. To completely avoid clipping in a two tone IMD test, each tone must be 6 dB below full scale.

>So
>that effectively reduces my dynamic range by 8 bits, or 48 db.
>Or stated another way, the sum of my signal and channel crud
>has to stay 24 db below the all 1s condition and my signal
>has to be 24 db above the quantization limit, IE all 0s. Of
>course both limits don't occur at the same time, so perhaps
>you could say I have 72 db of dynamic range with the current
>setup. I don't think that's the proper way to look at it
>though.

This is of course true that the usable range is less than the converter range, but maybe we should call the usable range something else than dynamic range to be more consistent with terms used with analogue equipment.

<about 24 bit ADC deleted>
>
>The brickwall filters do reduce signals which are more than
>+/- 20 kHz from the desired signal, but that isn't a great help
>at HF where signals sit cheek by jowl. I need to be able to work
>closer than that to a strong signal. I want to be able to work
>with signals on 1 kHz channel centers at the dynamic signal
>extremes.

You also have to consider the phase noise characteristics of both the transmitters and receivers.

Of course if you are participating in a multi-multi contest with multiple transmitters (>1 kW) on the same premises and on the same band or have a neighbour within a few blocks operating at the same band at 1 kW, you definitely need 24 bits. Some free space loss calculations (assuming far field propagation) are quite interesting in this case.

If you are only dealing with signal comming via the ionosphere, the required dynamic range is much less.

Using similar dynamic range test mehods, the 16 bit ADC would be slightly worse than some mobile HF rigs, but a 20 bit ADC would be superior to the most expensive HF ham rigs.

<about the current 16 bit ADC system>

>I'm not using really aggressive brickwall filters to avoid
>introducing undesirable phase shift in the I and Q channels.
>About all I'm doing is 12 db per octave, IE a simple RC. I

<clip>

>The codec does oversample at a 64x rate (and uses decimation
>to give an effective sample rate of 44 kHz), so the brickwall
>requirements for anti-aliasing aren't as severe as they might
>appear at first, IE the anti-aliasing rejection is 93 db in
>the current setup. But that doesn't do much close in.

I do not quite follow in this calculation. Using 64x oversampling, there are 6 octaves between half of the final sample rate (Fs/2) and half the oversampling rate (Fos/2), where you have to fit the slope of the low pass filter. However, since the alias components just above Fos/2 fall high above the audio range, the slope of the filter can extend up to Fos - 20kHz and thus, the slope can be nearly 7 octaves long. With 12 dB/octave, the alias components from Fos-20kHz to Fos are only attenuated by 84 dB, which is not quite sufficient for a 16 bit converter. An additional 6 dB/octave LPF at say 100 kHz would do the trick without adverse effects in the audio pass band.

Paul OH3LWR
Paul.Keinanen@sci.fi

4693. Re: HF Amateur Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct8.122107.19609@ke4zv.atl.ga.us>
Source record: 215287
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <325866ED.327A@no.spam.please> rfg.at.nome.dot.net@no.spam.please writes:
>
>All modes, and all purposes have their time and place. But I think
>the most basic one of all is ragchewing. Even dyed in the wool
>experimenters do it. They establish contact, for the first time,
>over 500 miles at 10 GHz and what do they do...? Why ragchew, of
>course!

Ramon, I certainly agree with this. In fact I'd like to encourage
real ragchewing, IE getting to know the other fellow, as something
we should do more of. That's one of the reasons I rattle on about
throughput. If the mode you're using doesn't have much throughput,
you can't exchange much information in the duration available for a
contact, and thus you really don't get much chance to get to know
the other fellow.

I really don't know why some hams seem so opposed to increasing
throughput. No matter what our communications objective, the more
throughput we have the better we can accomplish it. The only
reason I can think of for not wanting good throughput is that
you don't want to engage in real communications with another
person, but want to emit RF and occupy spectrum for a number
of hours anyway, and that seems so pointless.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4694. Re: easy gentlemen...2m dx

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <53dker$1e14@usenetw1.news.prodigy.com>
Source record: 215288

pacrimgolf@kuentos.guam.net (Jim Kehler) wrote:
>
>In article <535k4n$27mc@usenetw1.news.prodigy.com>, VUBS79A@prodigy.com
(Drew
>Durigan) wrote:
>
>>
>>It's a crappy world that we live in, and getting worse all the time.
>>
>>
>>-Drew in Sunny Central Florida-
>> KF4DDM
>
>That's why they have bridges in Florida, Spew. Something for you to
jump
>off of when things get too bad for you to take anymore.
>
>Have a nice Dive,
>Jim KH2D
>

Okay...you first.

And take that useless antique code key with you.

-Drew in Sunny Central Florida-
KF4DDM

4695. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: jonz@rainbow.rmii.com
Message-ID: <53dldl$ja0@rainbow.rmii.com>
Source record: 215289

Please, God, let this thread DIE!

4696. RESULT: rec.radio.amateur.boatanchors passes 277:31

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: dave@dogwood.com
Message-ID: <844781863.19400@uunet.uu.net>
Source record: 215290
Cross-posted to: news.announce.newgroups,news.groups,rec.radio.amateur.misc

RESULT
unmoderated group rec.radio.amateur.boatanchors passes 277:31

There were 277 YES votes and 31 NO votes, for a total of 308 valid votes. There was 1 abstention and 10 invalid ballots.

For a group to pass, YES votes must be at least 2/3 of all valid (YES and NO) votes. There must also be at least 100 more YES votes than NO votes.

A five day discussion period follows this announcement. If no serious allegations of voting irregularities are raised, the moderator of news.announce.newgroups will create the group shortly thereafter.

Newsgroups line:
rec.radio.amateur.boatanchors Vacuum tube-based amateur radio equipment.

Voting closed at 23:59:59 UTC, 7 Oct 1996.

This vote was conducted by a neutral third party. Questions about this proposal should be directed to the proponent.

Proponent: Rick Stealey <rstealey@attmail.com>
Votetaker: Dave Cornejo <dave@dogwood.com>

RATIONALE: rec.radio.amateur.boatanchors

The term "Boatanchors" refers to equipment (more than 25 years old) used by amateur radio operators ("hams"). The term is used by hams to describe equipment which they are particularly fond of, usually for nostalgic reasons. All over the world, in daily conversations on the air, hams lovingly refer to old gear they are operating as their "favorite boatanchor rig". Ususally such discussions involve locating, restoring, collecting, and finding parts for, old ham radio equipment. A boatanchor may have been home built, military, or once produced by a manufacturer long since out of business. In order to have a Usenet forum for similar discussions, rec.radio.amateur.boatanchors is proposed.

The term "boatanchor" may not, at first, be descriptive to a person who is not a ham. Every hobby has terms that are specific to that particular hobby. Baseball has "dugouts", golf has a "wood", and an "iron", and British cars have "bonnets". Within amateur radio, working other stations at long distances could never possibly be referred to as anything other than "DX". It has been that way for 80

years. Low power operating, likewize, is ONLY known as operating QRP. In a similar manner, old rigs are referred to the world over by hams as "boatanchors".

There is increasing interest in boatanchor equipment by hams. Currently boatanchor discussions are held in rec.radio.misc. A large variety of specialized topics relating to boatanchor collecting (see charter) substantiate the need for the proposed new newsgroup. During the pre-RFD discussion phase there was a substantial amount of interest in the newsgroup name (over 100 articles). During the RFD period, discussion concentrated on the charter, and topics to be included in the newsgroup. Both discussions indicate a great need for and interest in the subject newsgroup.

CHARTER: rec.radio.amateur.boatanchors

The newsgroup, rec.radio.amateur.boatanchors, is primarily for discussions of topics related to classic amateur radio gear. Participation by others who are not licensed radio amateurs are also welcome.

EQUIPMENT.
Appropriate equipment of the boatanchor category includes:
- equipment constructed primarily with vacuum tubes, not solid state devices, and manufactured generally in the post WW II-to-1970 timeframe.
- transmitters (amateur, military, home made)
- receivers (amateur, SWL, military, home made)
- station accessories (keys, bugs, microphones)
- test equipment from the boatanchor era used in the repair and restoration of boatanchors, such as scopes, af and rf generators, meters of all kinds, etc.)
- parts and techniques used in construction of boatanchors (vacuum tubes, condensers, etc.)

TOPICS.
Topics regarding the above equipment built entirely or primarily with vacuum tubes (as opposed to solid state devices) are welcomed in this newsgroup. Suitable boatanchor topics may include:
- collecting
- modifying
- tuning
- obtaining parts (specific requests for parts/equipment are permitted)
- manuals and TM (tech manuals) copies exchange
- restoration and refinishing
- values of boatanchor gear
- sources for parts
- questions and advice for others
- Morse Code operation - advice, legends and lore
- Modes of operation: CW, AM, early SSB
- manufacturing during the boatanchor era, including companies, personalities, and manufacturing techniques

- design and engineering history of equipment of the boatanchor era
and comparisons to prior technology (arc- and spark-gap transmitters,
Alexanderson alternators, galena detectors, magnetrons, Nixies,
quartz crystals).
- other subjects of a historical nature
- commercial postings, if SPECIFICALLY offering products and services
DIRECTLY relating to boatanchor collecting.

OFF CHARTER TOPICS.
The following subjects are off topic in this newsgroup:
- discussions of hi-fi, stereo, and/or broadcast receivers. (use
rec.antiques.radio+phono and rec.audio.tubes newsgroups)
- antique equipment (use rec.antiques.radio+phono)
- entertainment television receivers
- cross postings from rec.radio.swap
- discussions that are more appropriately held in other rec.radio.amateur
newsgroups, such as code vs no-code
- off-topic commercial postings are specifically prohibited from the
newsgroup

FAQ.
- A list of Frequently Asked Questions will be developed by volunteers
in the newsgroup and will be posted monthly. This FAQ will be helpful
to beginers as well as first time visitors to the newsgroup. The FAQ
will contain a list of commercial vendors who specialize in products and
services of value to boatanchor collectors.

END CHARTER.

DISTRIBUTION:

This CFV has been cross-posted to:

rec.radio.amateur.misc

Pointers to the CFV will be posted in these newsgroups:

rec.radio.swap
rec.radio.amateur.equipment

rec.radio.amateur.boatanchors Final Voter list

Voted YES
---
fort@gil.com.au Mark Fort
larry@omen.com.au Larry Rice
rwa@cs.athabascau.ca Ross Alexander
bevans@ebsys.mb.ca Bill Evans
borek@mda.ca Michael Borek
ve1fc@nbnet.nb.ca ve1fc
crzinck@fox.nstn.ca C. R. (Bob) Zinck
david.noon@odyssey.on.ca david.noon
srjones@acs.ucalgary.ca Scott Russell Jones

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ttaylor@Adobe.COM Tom Taylor
tim@hs00.amep.com Tim Rose
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n4lq@iglou.com Steve Ellington
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wiley@interaccess.com William Gode
paxil@interlog.com Paxil

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! Ineligible address
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! Invalid address
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! No vote statement in message
brikrn@execpc.com Brian
! No vote statement in message
johng@net.com John Gratton
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! No vote statement in message
rpwa4ukj@southeast.net Roger Pangborn
! No vote statement in message
wireless@transend.com.tw Harry
! No vote statement in message

4697. Re: Callsign Patterns

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: Mike Valentine <WA8MSF@worldnet.att.net>
Message-ID: <325A5BED.4E2D@worldnet.att.net>
Source record: 215291

Hans Brakob wrote:
>
>
> At some time in the past it seems that FCC may have had a formal
> or informal policy of assigning calls to some entities based on
> a predetermined pattern.
>
> For example, a lot of club stations at universities have calls in
> the pattern "W#Y$" (1x2, W prefix, with "Y" as the first letter in
> the suffix). There are a lot of those still around and I can
> remember many more in the past which probably are expired. Examples
> are W1YA, W1YU, W0YC.
>

Yes indeed, Hans!

W1YK = Worcester Polytech Wireless Assn
W5YD = Mississippi State Univ ARC
W5YG = Rice Univ ARC
W5YM = Univ of Arkansas ARC
W6YX = Stanford ARC
W7YH = Washington State Univ ARC
W8YX = Univ of Cincinnati ARC
W8YY = Michigan Tech Univ - Husky ARC
W9YB = Perdue ARC
W9YH = Univ of Illinois, Synton ARC
W9YT = Univ of Wisconsin - Badger ARC
W0YI = Iowa State Campus RC

I'm sure there must be more. Next time I'm over at the W8YX station
I'll have a look at the QSL collection to see if I've missed any good
ones.

73
Mike - WA8MSF (for a few more weeks)

4698. FYI:Mega Beacon List

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: AC6V <ac6v@ix.netcom.com>
Message-ID: <325A5F50.7DD@ix.netcom.com>
Source record: 215292

Jeffrey Herman, KH2PZ has been so kind as to send info on G3USF's List
of HF Beacons. It is huge and covers beacons down to 1.8 MHz!!
I have included it on "The DX Reference Page"
--
AC6V DX Reference Page at: http://www.netcom.com/~ac6v/index.html

73 from San Diego
Rod

Todays Wit: Seen the Yagi Movie "Gone With The Wind"

Hark for I have hurled my words to the far reaches of the earth!
What King of old could do thus??
..... AC6V

4699. Re: B: What the big guys think of hams.(Burt posting)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: prvalko@saturn.acs.oakland.edu
Message-ID: <53dnbv$2gq@news2.acs.oakland.edu>
Source record: 215293

Kevin Jessup (kevin.jessup@mail.mei.com) wrote:
: EMTP4355 wrote:
: > I wish people would put it in the subject title that a post is related to
: > this Burt person.

: Perhaps all Burt follow-ups could start with a "B:" in the title.
: Then all those not interested could easily avoid them. Perhaps you already
: are filtering your news or mail from Burt, but this could help with the
: follow-ups.

I've been thinking about this for a long time. Burt's been in more
killfiles than "MAKE MONEY FAST" and "$50,000."

I would suggest Burt follow-ups use the WORD "Burt" as I have that and
his call in my killfile and it works great.

73 =paul= wb8zjl

4700. Free FCC Databases - NOW!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: gmcavoy@scanware.com
Message-ID: <325a5f3d.2235628@news.oz.net>
Source record: 215294
Cross-posted to: alt.radio.scanner,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.swap

There's over 30 states available FREE right now!

Yup...you read it right, FREE.

Check it out today at:

http://www.oz.net/~gmcavoy/index.html

We've got a 5 meg limit on WWW space for this project.
We're NOT askin' for money here! However, a lot of folks
have been generous with their web space (most ISPs give you
5 megs for a web page whether you use it or not...) and we've
therefore been able to put up more states at once. So, if you
don't see the state data you want...you can either just be patient
or drop us a bit of email offering web space and we'll talk about
setting you up as an href link for your state database.

Questions/Comments...email us.

73 to all...
Gene McAvoy / KG7XD
Matt Amis / AA7LP

ScanWare Associates
PO Box 1743
Silverdale, WA 98383-1743

4701. Re: ARRL Elections a Sham, AGAIN!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: Steve Wolf <no8m@apk.net>
Message-ID: <01bbb506$edd34da0$3b08b7ce@no8m>
Source record: 215295

We should throw out the leadership of the ARRL because they
follow the rules? Wow!
--
73,
Steve
Amateur Radio: no8m@no8m.#neoh.oh.usa.na
Internet: no8m@apk.net
MSYS Mail List: msys-request@hamnet.org ("info" for title)

> The petition to run for office was disqualified because even though at
> the
> time it was filed I had a buyer for ATVQ, the sale was not completed
> although
> at the time it was expected to be completed by Oct 1., well in advance
> of the
> actual election.

4702. Re: 10 Meter Freqs

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: dsc3cjc@imc220.med.navy.mil
Message-ID: <53dp4j$8jj@lal.interserv.com>
Source record: 215296

Bigdad (Bigdad@Rworld.com) wrote:
: Ok this is getting QUITE rediculous. YES im sorry to say i do
: have a call sign which i will not give here. I asked what i
: thought was a simple question and was berated with demands for
: explanations well horse hockey!!! Ill get my information
: elsewhere. Like i said in one other reply hams USED to be
: friendly and helpful but that seems to have gone the way of the
: 807!!

Well, Mr. Neslon, you are listed in the FCC database as a Tech+, this gives you 400khz on 10 meters with 28.100 to 28.300 for CW, RTTY, and data and 28.300 to 28.500 for CW and SSB. Also, I think your service provider has a lot more information available to the public than you realize.

In my opinion you were not "berated with demands for explanations" just a clarification of what information you were looking to find. I also think that "friendly and helpful" is largely in the eye of the beholder.

73

-- Christopher Cartwright, Tech. Engineer | ...our chief weapons are fear,
-- Voice 301.295.0809 | fear and surprise, and nice
-- Mail dsc3cjc@imc220.med.navy.mil | red uniforms, oh damn!!
-- ccart@erols.com | -- Monty Python

4703. Re: SCREW THE CODE!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <53dq6i$ava@freenet-news.carleton.ca>
Source record: 215297

Tuck Miller (kc6zec@amsat.org) writes:
> Frank Sved wrote:
>>
>> >
>> > it's not a hobby, exactly. it's defined as a service in the rule books. that's an
>> > important point. see basis and purpose in 97.1. to that end APRS needs
>> > investigation and perfection so that fits in nicely...
>>
>> A "service" that you can't charge for, can't use professionally. You can
>> only use it for non-lucrative goals and can't make a living at it?
>> Sounds like a hobby to me. (unless one chooses to chase ambulances)
>>
>> >
>> > Bill Newkirk WB9IVR The Space Coast Amateur
>
> A service meaning providing communications in time of disaster or
> emergencies, floods, earthquakes, hurricanes, bombings, plane crashes,
> the list goes on. A service first, a hobby 2nd.
>
> 73,
>
> Tuck, KC6ZEC

I agree with your description, Tuck, but in regards to catagorizing
Amateur radio I call it a hobby. A usefull one, but nothing more.
--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

4704. 100's of Ham Classifieds--> http://www.sarrio.com

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-0810960752000001@host30.cyberg8t.com>
Source record: 215298

The Raymond Sarrio Company's Ham Radio WWW site has a very large data base of ham radio classified ads. ALL LESS THAN 30 DAYS OLD! at:

http://www.sarrio.com.

This new classified section allows Hams to search for equipement with the help of our new and unique search engine--no need to scroll through 100's of listing before you find that special piece of gear. Plus, when you find the gear your interested in, each listing comes with point-and-click e-mail access direct to the Ham that listed the item.

For those Hams with gear to sell, take note! It is absolutely FREE to list your equipment within the Ham Classifieds, and there will be no posting time delays.Your posting will go on-line, in our classified search engine,in about 1 hour. All you need do is fill out a simple forms page, and upon its (point-and-click) submission, your "For Sale" advertisement is on-line.

I will be purging the classified listing initially about once every month, but that timeline will shorten as our classified numbers go up. Give it a try, and let me know how you like it. 73's Ray
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront on tth WWW at http://www.csz.com/sarrio in association with Brillar Enterprises http://win-win.com/brillar an Extensive Discount CD-Rom Catalog!

4705. Re: Digital/Analog HF Receiver Design

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct8.143120.20057@ke4zv.atl.ga.us>
Source record: 215299

In article <537o0d$973@tron.sci.fi> keinanen@sci.fi (Paul Kein&#65533;nen) writes:
>gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>>Oh, I see what you're doing. The A/D doesn't respond directly to
>>signal power. It responds to signal current. So the proper ratio
>>is 20*log(2^16)=96.33 db. That's the maximum possible ratio of
>>signal power above the quantization noise. But I can't use that
>>range properly. The signal is buried in real noise (channel noise)
>>and mixed with real signals, both above the quantization threshold,
>>and it has a finite span of its own. I need that span to be more than
>>one bit to do any meaningful processing of it, IE so I can extract
>>it from the channel crud and demodulate it.
>
>>I might be able to get away with 2 bits if the signal waveform
>>were a simple square wave,
>
>I can only agree with this if we assume that no dithering is used (and
>that the background noise level is well below one quantization step).
>When dithering is used, much smaller signals can be detected at low
>and medium frequencies. "Fade to noise" is a common test to check the
>linearity of a CD-player. Dithered tones at -105 dB or even lower
>levels are detected, while you would expect only -96 dB for the 16 bit
>CD-system. I don't know how well this can be applied to I/Q
>demodulation, but I assume that if the signals of interest are a few
>octaves below Fs/2 (say below 5 kHz), one or two extra bits can be
>extracted. Some noise shaping tricks might even be usable, but I
>haven't looked into it. Anyway, it is very desirable to have 18 to 24
>bit DSPs to process the samples from 16 bits ADCs.

I've read a little bit about these techniques, Paul, but I don't
yet know how to implement them sensibly. I'm still learning this
DSP stuff so I tend to take a straight forward brute force view.
The effective sample rate is 44 kHz and the signals of interest
fall in the 300-3000 Hz range (actually only a subset of that
range). If I understand what you're telling me, I can get an
effective 18-bit resolution out of the 16-bit A/D by dithering,
and that I can let the noise do the dithering for me. I'm not sure
I know how to take advantage of that (in fact I'm quite sure I
don't know how to implement that in detail on the system I've
got). If you have suggested reading, I'm interested.

>>but to recover the more complex waveform
>>of QPSK, I need more bits. 4 may do, but 8 works lots better.
>
>If you want to tranfer 28.8 kbit/s through a 3 kHz channel (e.g.

>ordinary phone modems) then 8 bits certainly makes sense. However,
>when transfering 2 bits/symbol in QPSK even 4 bits sounds quite a lot,
>particulary if the sampling frequency Fs is a few octaves above the
>tones of interest, when some extra resolution can be obtained from the
>dithering effects of band and/or equipment noise.

The only way I know to do I/Q demodulation is to make a final decision based on the results of two level decisions on each axis, and zero is disallowed (because it would represent no signal). Seems to me I need a very minimum of 3-bit samples on each axis, 4-bits are better. When I take into account interference and noise, I think I need better resolution than that. I'm allowing the decision to be somewhat "soft" to account for corruption of the signal. Perhaps that's the wrong term. What I'm actually doing is insisting on some "dead band" or hysterisis between the decision points. I don't want to decide between adjacent digits. That leaves no slop for corruption of the signal by fading or noise bursts. That's why I want the signal to have an 8-bit span. Perhaps that's naive, but at least I know how to code it.

>>So a 2 bit span reduces the usable dynamic range by 12 db, 4 bits
>>by 24 db, and 8 bits by 48 db.
>
>Yes, the minimum _usable_ signal must be greater than the quantization
>step by several dBs and several tens of dBs for extremely complex
>waveforms.
>
>This is nitpicking, but the dynamic range for analogue receivers are
>usually defined between strong off channel signal(s) and the noise
>floor (which depends on the detection bandwidth). The ratio is not
>between strong signal(s) and a usable signal.

Okay, so what I'm calling dynamic range isn't what analog receiver makers mean by the term. Their usage of the term isn't useful to me in this context. Perhaps for comparison purposes I should choose a different term for what I'm talking about.

>>Note, the A/D can *handle* a wider span than that, but if my
>>desired signal plus other passband crud gets within 4 bits of
>>either limit, it clips, and I can't process it properly.
>
>You must have quite a few strong undesired signals in the ADC
>pass-band in order to get the peak voltages aligned at the same time
>to have the signal clipped with 24 dB headroom. To completely avoid
>clipping in a two tone IMD test, each tone must be 6 dB below full
>scale.

I'm using CB Ch 19 as my interference source. The dynamics of that channel are *fierce*. I'm using a passive adder to combine that interference source with my test signal. There's no problem whatsoever in getting peaks of several signals to combine constructively from time to time (and also destructively from time to time also). That gives me a very wide peak to peak range of interference sources.

This isn't like a couple of steady tones, this stuff is very dynamic
and complex, IE picture several hundred overmodulated AM signals
all keying over each other, some very nearby, some far away, and
a lot of them pushed through Class C amplifiers of several hundred
watts. That's CB Ch 19. I figure if my system can work against
that, it'll be plenty robust for use in the ham bands.

>>So
>>that effectively reduces my dynamic range by 8 bits, or 48 db.
>>Or stated another way, the sum of my signal and channel crud
>>has to stay 24 db below the all 1s condition and my signal
>>has to be 24 db above the quantization limit, IE all 0s. Of
>>course both limits don't occur at the same time, so perhaps
>>you could say I have 72 db of dynamic range with the current
>>setup. I don't think that's the proper way to look at it
>>though.
>
>This is of course true that the usable range is less than the
>converter range, but maybe we should call the usable range something
>else than dynamic range to be more consistent with terms used with
>analogue equipment.

I'm open to suggestion for the proper term.

><about 24 bit ADC deleted>
>
>You also have to consider the phase noise characteristics of both the
>transmitters and receivers.

I've got a good handle on that. Right now I'm using a very clean
signal generator as the LO for both receiver and transmitter.
That virtually eliminates phase noise as a consideration in the
test rig.

>If you are only dealing with signal comming via the ionosphere, the
>required dynamic range is much less.
>
>Using similar dynamic range test mehods, the 16 bit ADC would be
>slightly worse than some mobile HF rigs, but a 20 bit ADC would be
>superior to the most expensive HF ham rigs.

Interesting. I'm not sure I agree :-), but interesting. I know
for sure my system doesn't have the dynamic range (the way I use
that term) of my IC735 with the 16-bit A/D I'm using.

><about the current 16 bit ADC system>
>
>>I'm not using really aggressive brickwall filters to avoid
>>introducing undesirable phase shift in the I and Q channels.
>>About all I'm doing is 12 db per octave, IE a simple RC. I
>
><clip>

>
>>The codec does oversample at a 64x rate (and uses decimation
>>to give an effective sample rate of 44 kHz), so the brickwall
>>requirements for anti-aliasing aren't as severe as they might
>>appear at first, IE the anti-aliasing rejection is 93 db in
>>the current setup. But that doesn't do much close in.
>
>I do not quite follow in this calculation. Using 64x oversampling,
>there are 6 octaves between half of the final sample rate (Fs/2) and
>half the oversampling rate (Fos/2), where you have to fit the slope of
>the low pass filter. However, since the alias components just above
>Fos/2 fall high above the audio range, the slope of the filter can
>extend up to Fos - 20kHz and thus, the slope can be nearly 7 octaves
>long. With 12 dB/octave, the alias components from Fos-20kHz to Fos
>are only attenuated by 84 dB, which is not quite sufficient for a 16
>bit converter. An additional 6 dB/octave LPF at say 100 kHz would do
>the trick without adverse effects in the audio pass band.

Well, 93 db is what I measure. I suppose that the response of the
codec may be falling off up toward the top of the range, so that's
adding to the RC brickwall I'm using externally. Or perhaps my
measurement technique is faulty. This is a bit harder to measure
than I thought at first. The codec is stereo, and there appears
to be some crosstalk between the channels. I don't know exactly
how to factor that out. I've been trying to ignore it, figuring
it'll go away when I move to separate A/D systems for I and Q.
(It's about 80 db down, but that makes measurements of stuff
further down than that confusing.)

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4706. Re: HF Amateur Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: Ramon Gandia <rfg.at.nome.dot.net@no.spam.please>
Message-ID: <325A3351.570C@no.spam.please>
Source record: 215300
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Gary Coffman wrote:

> I mean that it is unfortunate that there is no mode safe from
> the plague of gamers. I've spoken before about foreign amateurs
> who have been all but driven from the bands by gamers.

> Most of us living in "non-Dx" countries are little bothered by
> the gamer. If we don't want to play the game, we don't have
> to. There aren't hordes of gamers waiting for our call sign
> to appear on a Dxcluster spot. Pileups don't occur every time
> we get on the air. But the amateur in a "Dx" country doesn't
> have that luxury. Just because of where he lives, he has no
> option in the matter. The plague descends on him when he
> tries to operate whether he wants to play the game or not.

It is a pity, and I agree having been in the same spot myself. But,
it is a fact of life and I do not see what can be done about it.

It can actually be lived with as long as some inconsiderate guy
does not break into the QSO and say "hurry up and finish your
QSO so the rest of us can work you!"

A very effective solution is to use a foreign language. When I use
Spanish on SSB, and i.d. my station in Spanish or some other
language, it seems that the hordes did not descend upon me.
Unfortunately, this only works DX to DX QSO. Once, talking from
Alaska to a hispanic guy in California, using spanish, some
idiot broke up the QSO and said "Use english, you idiots, this is
the AMERICAN phone band!"

So I went back to CW, where people are much more polite.

73,

Ramon, AL7X | To foil SpamBots, my address is not machine
Nome, Alaska | readable. Please address your replies to:
s/v Seven Stars | rfg.at.nome.dot.net use @=at period=dot

4707. Help: I/D this PRINTER??

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: subbustr@whidbey.net
Message-ID: <53dsv2$2nn@news.whidbey.com>
Source record: 215301
Cross-posted to: sci.electronics.repair,seattle.forsale.computers,rec.radio.swap,whidbey.general,rec.radio.amateur.misc,rec.radio.amature.digital.misc

I have a BUSINESSLAND BL 45 LQ printer can can't seem to
config or find the correct printer driver?? It appears to be a 9 pin dot-matrix,
has 2 thumbwheel dials (numbered 1-8 & A-D), with 2 dipswitches #1+ #2
This thing iz a monster..heavy...Looks like a normal typwriter carriage.
Plse advise any help in mak'in it work?? thanks dave

Oak Harbor, WA USA
Ham Radio - VE7-LFA/W7
subbustr@whidbey.net

4708. Re: RESULT: rec.radio.amateur.boatanchors passes 277:31

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDyyrx3.14v@netcom.com>
Source record: 215302
Cross-posted to: news.groups,rec.radio.amateur.misc

Dave Cornejo (dave@dogwood.com) wrote:
: RESULT
: unmoderated group rec.radio.amateur.boatanchors passes 277:31

: There were 277 YES votes and 31 NO votes, for a total of 308 valid
: votes. There was 1 abstention and 10 invalid ballots.

: For a group to pass, YES votes must be at least 2/3 of all valid
: (YES and NO) votes. There must also be at least 100 more YES votes
: than NO votes.

: A five day discussion period follows this announcement. If no
: serious allegations of voting irregularities are raised, the
: moderator of news.announce.newgroups will create the group shortly
: thereafter.

I'd like to thank Rick, the proponent, for his perseverance in making this
newsgroup a reality. I especially commend him for sticking by his
convictions WRT the name "Boatanchors."

See you on the newsgroup in a few days!

73 de Jim - KF6CR

4709. Re: Callsign Patterns

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: "Thomas J. Alessi" <Tom@Alessi.Com>
Message-ID: <325A7BAB.83F@Alessi.Com>
Source record: 215303

Hans Brakob wrote:
>
> By the way, my friend W0CRO is disappointed that he cannot
> retrieve his original call in the vanity program. It was
> 9CWN. (No, not W9CWN, not K9CWN, not N9CWN, just plain 9CWN!)
>
> 73, de Hans, K0HB
>
Remind your friend that "9CWN" was issued before international
agreements
were made in 1934. And if he had kept his call back then he would have
been "W9CWN". Back then there were quite a few "9CWN"s all over the
world
but in 1934 they realized that prefixed were needed to tell which
country.

T.
--

Thomas J. Alessi, 147 Joffre Avenue, Stamford, Connecticut 06905-2933
203.977.5200 * Tom@Alessi.Com * http://www.discovernet.net/usr/alessi
----

4710. Re: Digital/Analog HF Receiver Design

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: keinanen@sci.fi
Message-ID: <53dpiv$267@tron.sci.fi>
Source record: 215304

I am reposting this message, since it did not get out the first time
(according to AltaVista). Sorry for any duplicates.

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>Oh, I see what you're doing. The A/D doesn't respond directly to
>signal power. It responds to signal current. So the proper ratio
>is 20*log(2^16)=96.33 db. That's the maximum possible ratio of
>signal power above the quantization noise. But I can't use that
>range properly. The signal is buried in real noise (channel noise)
>and mixed with real signals, both above the quantization threshold,
>and it has a finite span of its own. I need that span to be more than
>one bit to do any meaningful processing of it, IE so I can extract
>it from the channel crud and demodulate it.

>I might be able to get away with 2 bits if the signal waveform
>were a simple square wave,

I can only agree with this if we assume that no dithering is used (and
that the background noise level is well below one quantization step).
When dithering is used, much smaller signals can be detected at low
and medium frequencies. "Fade to noise" is a common test to check the
linearity of a CD-player. Dithered tones at -105 dB or even lower
levels are detected, while you would expect only -96 dB for the 16 bit
CD-system. I don't know how well this can be applied to I/Q
demodulation, but I assume that if the signals of interest are a few
octaves below Fs/2 (say below 5 kHz), one or two extra bits can be
extracted. Some noise shaping tricks might even be usable, but I
haven't looked into it. Anyway, it is very desirable to have 18 to 24
bit DSPs to process the samples from 16 bits ADCs.

>but to recover the more complex waveform
>of QPSK, I need more bits. 4 may do, but 8 works lots better.

If you want to tranfer 28.8 kbit/s through a 3 kHz channel (e.g.
ordinary phone modems) then 8 bits certainly makes sense. However,
when transfering 2 bits/symbol in QPSK even 4 bits sounds quite a lot,
particulary if the sampling frequency Fs is a few octaves above the
tones of interest, when some extra resolution can be obtained from the
dithering effects of band and/or equipment noise.

>So a 2 bit span reduces the usable dynamic range by 12 db, 4 bits
>by 24 db, and 8 bits by 48 db.

Yes, the minimum _usable_ signal must be greater than the quantization
step by several dBs and several tens of dBs for extremely complex
waveforms.

This is nitpicking, but the dynamic range for analogue receivers are usually defined between strong off channel signal(s) and the noise floor (which depends on the detection bandwidth). The ratio is not between strong signal(s) and a usable signal.

>Note, the A/D can *handle* a wider span than that, but if my
>desired signal plus other passband crud gets within 4 bits of
>either limit, it clips, and I can't process it properly.

You must have quite a few strong undesired signals in the ADC pass-band in order to get the peak voltages aligned at the same time to have the signal clipped with 24 dB headroom. To completely avoid clipping in a two tone IMD test, each tone must be 6 dB below full scale.

>So
>that effectively reduces my dynamic range by 8 bits, or 48 db.
>Or stated another way, the sum of my signal and channel crud
>has to stay 24 db below the all 1s condition and my signal
>has to be 24 db above the quantization limit, IE all 0s. Of
>course both limits don't occur at the same time, so perhaps
>you could say I have 72 db of dynamic range with the current
>setup. I don't think that's the proper way to look at it
>though.

This is of course true that the usable range is less than the converter range, but maybe we should call the usable range something else than dynamic range to be more consistent with terms used with analogue equipment.

<about 24 bit ADC deleted>
>
>The brickwall filters do reduce signals which are more than
>+/- 20 kHz from the desired signal, but that isn't a great help
>at HF where signals sit cheek by jowl. I need to be able to work
>closer than that to a strong signal. I want to be able to work
>with signals on 1 kHz channel centers at the dynamic signal
>extremes.

You also have to consider the phase noise characteristics of both the transmitters and receivers.

Of course if you are participating in a multi-multi contest with multiple transmitters (>1 kW) on the same premises and on the same band or have a neighbour within a few blocks operating at the same band at 1 kW, you definitely need 24 bits. Some free space loss calculations (assuming far field propagation) are quite interesting in this case.

If you are only dealing with signal comming via the ionosphere, the required dynamic range is much less.

Using similar dynamic range test mehods, the 16 bit ADC would be slightly worse than some mobile HF rigs, but a 20 bit ADC would be

superior to the most expensive HF ham rigs.

<about the current 16 bit ADC system>

>I'm not using really aggressive brickwall filters to avoid
>introducing undesirable phase shift in the I and Q channels.
>About all I'm doing is 12 db per octave, IE a simple RC. I

<clip>

>The codec does oversample at a 64x rate (and uses decimation
>to give an effective sample rate of 44 kHz), so the brickwall
>requirements for anti-aliasing aren't as severe as they might
>appear at first, IE the anti-aliasing rejection is 93 db in
>the current setup. But that doesn't do much close in.

I do not quite follow in this calculation. Using 64x oversampling, there are 6 octaves between half of the final sample rate (Fs/2) and half the oversampling rate (Fos/2), where you have to fit the slope of the low pass filter. However, since the alias components just above Fos/2 fall high above the audio range, the slope of the filter can extend up to Fos - 20kHz and thus, the slope can be nearly 7 octaves long. With 12 dB/octave, the alias components from Fos-20kHz to Fos are only attenuated by 84 dB, which is not quite sufficient for a 16 bit converter. An additional 6 dB/octave LPF at say 100 kHz would do the trick without adverse effects in the audio pass band.

Paul OH3LWR

4711. Re: Callsign Patterns

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-08 00:00:00 UTC
From: grhosler1@mmm.com
Message-ID: <53duqu$rnn@dawn.mmm.com>
Source record: 215305

k0hb@hamlink.mn.org (Hans Brakob) wrote:

>
>At some time in the past it seems that FCC may have had a formal
>or informal policy of assigning calls to some entities based on
>a predetermined pattern.
>
>For example, a lot of club stations at universities have calls in
>the pattern "W#Y$" (1x2, W prefix, with "Y" as the first letter in
>the suffix). There are a lot of those still around and I can
>remember many more in the past which probably are expired. Examples
>are W1YA, W1YU, W0YC.
>
>Also, I seem to remember that a lot of Navy and Army Reserve
>Centers had calls in the pattern K#USN and K#USA.
>
>It would be interesting if anyone knows of other old patterns
>like that.
>
>By the way, my friend W0CRO is disappointed that he cannot
>retrieve his original call in the vanity program. It was
>9CWN. (No, not W9CWN, not K9CWN, not N9CWN, just plain 9CWN!)
>
>73, de Hans, K0HB (Whose original call KG6AQI will soon be
>recycled!)
>

Hi Hans! I'm waiting till we can get any callsign for anywhere in the
world, not just our own call area. I want TU5NN. Should be fun in
the CW pile ups! <GRIN>

de KN0Z Gary

Opinions expressed herein are my own and may not represent those of my employer.

4712. r71a battery change

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: Dave Buda <WI2Q@worldnet.att.net>
Message-ID: <53f09d$lmc@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 215064

You mention in a reply that the battery can be changed in the field to prevent a problem..... can this be done with the r71a? If so, how do you go about keeping power to the circuit while you change the battery?... do you mean change it with the power on? or to you mean I should bridge the present battery with a secondary battery (observing polarity) while it is changed then remove the secondary battery?

I would really appreciate you help on this since I recently purchased an r71a and have no idea how old it is or what shape the battery is in. I would like to replace it before it goes dead.

Thanks very much

73
WI2Q@worldnet.att.net

4713. R71A backup battery

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: Dave Buda <WI2Q@worldnet.att.net>
Message-ID: <53evvq$lmc@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 215065

Hi...
Noticed your answer to someone else on the R71A lithium battery. You
seem to know something about this and I wonder if you could take a minute
to try to answer a couple of questions?

> Can the board be removed from the radio without causing a problem. That is to say, if I take the board out of the radio to attemp=
t a battery replacement, will the radio get screwed up just by removing the pc board and putting it back again without doing anythin=
g to it?

> If I was to find the 3 volts on the pc board and tack a battery to these terminals observing proper polarity, can the battery be =
removed and replaced then remove the 3 volt temp battery?

> Is there any way to tell how old the r71a is by the serial number. Mine is 06600.

Thanks...
Dave
wi2q@worldnet.att.net

4714. Re: RESULT: rec.radio.amateur.boatanchors passes 277:31

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: Peter Gottlieb <peter_gottlieb@msn.com>
Message-ID: <01bbb587$a0cfb580$da0f2399@peter-s>
Source record: 215066
Cross-posted to: news.groups,rec.radio.amateur.misc

> I'd like to thank Rick, the proponent, for his perseverance in making
this
> newsgroup a reality. I especially commend him for sticking by his
> convictions WRT the name "Boatanchors."

I'll second that!

...Peter

4715. Re: Goodbye.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: dnorris@k7no.com
Message-ID: <325d15be.6896761@news.syspac.com>
Source record: 215067
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.swap,rec.radio.cb

Catherine Adams <cadams5@utkux.utcc.utk.edu> wrote:

>
> I work for an internet provider, and the part about never being logged
>in is due to the fact that he has not logged into his home dir. ie..
>telnet into a unix shell
>
>But I was kind of skeptical also. I guess when you see so much spam as
>me it makes it hard to swallow another bite. I think he had some enemies
>anyway. Hell they probably found out where he lived and greased his
>tower or something...

I gessed SPAM too and did a lookup on his call. It came back
differently but his wife showed ok. If his story is true it is a
shame that society has another embittered soul. I really do not
understand how ham radio came to be the cause of his trouble. My
father collapsed and subsequently died while watching baseball on TV.
Should I refuse to watch TV because of that? I had a massive heart
attack shortly after cutting grass.....Yes, I quit cutting grass!
Hmmm

4716. Re: 10 Meter Freqs

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct9.015018.22721@ke4zv.atl.ga.us>
Source record: 215068

In article <325A9F0E.3080@ccm.ch.intel.com> Cecil Moore <Cecil_A_Moore@ccm.ch.intel.com> writes:
>Gary Coffman wrote:
>> Don't forget image, IE slow scan.
>
>Hi Gary, I thought tech+'s and novices' couldn't use image
>on HF. Have the rules changed?
>
>73, Cecil, W6RCA, OOTC (not speaking for my employer)

You're right, Cecil. I made an error. Image is permitted on those frequencies, but not by Novice/Tech class operators.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4717. NEED INFO ON GE PORTAMOBILE 49MHZ RADIO

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: dwhowell@iamerica.net
Message-ID: <53f89i$so8@news1.iamerica.net>
Source record: 215069

Hello,
We have a GE Portamobile Radio on 49Mhz. Is anyone familar with this radio? All we have is the radio on 49.180 Mhz and the AC powersupply that clips on to the bottom. The radio does transmit 10 watts but we do not have a receive xtal. The model # is HN44LA833 TX data ET61A and RX data is ER43A. Any info would be appreciated. Will the radio tune up on 6M? Does anyone have realigning instructions? Copies of the service manual?

Thanks
AB5LG

4718. Re: ARRL Contest Info

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: desmith@telalink.net
Message-ID: <53en2j$f1t@apple.telalink.net>
Source record: 215070

Robert Barron <barron@liant.com> wrote:

>> Even QST doesn't have a concise
>> listing of all the sections (US & VE) so how does the league expect this
>> contest to grow and prosper?

>Now that I think about it I can't recall SS rules announcements having a
>complete list of sections either. That probably would help newcomers.

A list of U.S. sections appears on page 12 of October QST. (I think
it's on page 12 of *every* QST) Unfortunately, VE sections are indeed
missing.

Unfortunately, contest results may be the victim of a struggle within
the ARRL. Quite a few members have been upset about what they view as
too much space being devoted to contests; to be honest, you two are
the first I've seen complain about *not enough* space. (it happens I
agree with you, but I think we're a minority)

73 Doug

4719. Re: VE7TCP

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: AD1C@tiac.net
Message-ID: <53etjd$6jf@news-central.tiac.net>
Source record: 215071

In message <53d9bu$gjg@news1.mnsinc.com> - bry@mnsinc.com (AF4K)Tue, 08 Oct 1996 07:12:25 GMT writes:
>
> Does anyone have any idea what has become of this gentleman's Internet
> connection??

The machine has been very sick with network problems. Every time we bring it up, it goes down several hours later.

--
Jim Reisert <AD1C@tiac.net>
http://www.tiac.net/users/ad1c/

4720. Re: Sodomized by the FCC & Mellon Bank

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: mc@shore.net
Message-ID: <53frve$8gn@northshore.shore.net>
Source record: 215072

In article <844846953snz@microvst.demon.co.uk>,
Anthony R. Gold <tgold@panix.com> wrote:
>In article <53fhdg$p9a@emf.emf.net> randyk@emf.net "Randolph Kielich" writes:
>
>> Here is what I am proposing: Get a court ordered injunction to
>> -------------------------- ================================
>> halt the processing of this entire charade today. I'm dead serious
>> == ----------------
>>

Yeah, right! Any idea what that's gonna cost ya? You should have sent it
by EXPRESS MAIL on Friday the 20th like the rest if us.

Michael Crestohl, KH6KD (W1??)
mc@shore.net

4721. Re: passing the license in France?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: f6ebn@amsat.org
Message-ID: <53fqm4$s60@wwwserv1.shell.nl>
Source record: 215073

schumm@sdp13dj.der.edf.fr (andreas schumm) wrote:

> I prepared for my license in Germany but now moved to France. Where would
> i apply, what's the procedure, fees etc..?

Andrea,

may I suggest you drop a call / letter to the Telecom Authority

Centre de Gestion des Radiocommunications
B.P. 61
94371 SUCY-EN-BRIE CEDEX

Phone : +33 1 45 95 33 00
Fax : +33 1 45 90 91 67

73, Bruno

4722. See no ham evil.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <325B779B.16C1@ccsnet.com>
Source record: 215074

prvalko wrote:

> I've been thinking about this for a long time. Burt's been in more
> killfiles than "MAKE MONEY FAST" and "$50,000."
>
> I would suggest Burt follow-ups use the WORD "Burt" as I have that and
> his call in my killfile and it works great.

Hams are never ones to want any opinion that requires thought.
All hams are clones. HI HI FOR ID THE NAME HERE IS.

```
.-.
// ,. \\ / \ .-. .
\\ ( ) // / \ / \ .-. _ .-. /
\>-'`-</ /--Burt Fisher K1OIK@ccsnet.com-\---/-\---/---\-----/--
( )( ) \ / \ / `-' `-' \ /
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\ /
\/ / <----- Hams this is a female
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4723. Re: Sodomized by the FCC & Mellon Bank

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: tgold@microvst.demon.co.uk
Message-ID: <844846953snz@microvst.demon.co.uk>
Source record: 215075

In article <53fhdg$p9a@emf.emf.net> randyk@emf.net "Randolph Kielich" writes:

> Here is what I am proposing: Get a court ordered injunction to
> ------------------------- ================================
> halt the processing of this entire charade today. I'm dead serious
> == ----------------

Stop the world, folks, Randy just found that he has screwed up.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

4724. Re: What the big guys think of hams.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <325B7A4C.1ED@ccsnet.com>
Source record: 215076

Patrick Cook wrote:

> You were NOT the author??? Gee, I don't seem to recall you quoting
> anyone!!!

It was right at the top of the message.

> But then again Burt, you're ALWAYS right and the rest of the world is
> infoulable.

"Infoulable?"
I am not always right. I was wrong twice this year alone.

> > We call those kids PIMPLE FACED GEEKS.
> > I have students that are ASHAMED to admit they are hams.
>
> If I had YOU as an elmer, I'd be ashamed too.

They make no connection with me. They just listen tro ham radio
and want nothing to do with it.

> What other productive purpose can there possibly be, Burt??? Are you
> suggesting that we hams just have access to HF, 6 meters, and microwave???
> How can you call THAT "production" ESPECIALLY since there's other
> UNOCCUPIED and UNUSED spectrum which they can obtain and make use of just
> as easily!!!

I am not suggesting hams have any frequencies at all.
We waste them MOST of the time.

> Therefore Burt, I submit to you that you are perhaps the ONLY ham on the
> face of the earth (most certainly in America) who's IN FAVOR of the Little
> LEO project.

Maybe and maybe I am the only ham that has a life.

> My oh my!! How lonely that must be........

Not for me because I live in the REAL world.

```
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\>-'`-</ /--Burt Fisher K1OIK@ccsnet.com-\---/-\---/---\-----/--
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```

\/ / <----- Hams this is a female
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\ |

From:

Dennis A. Mason
damason@uswc.uswest.com

(I agree with every word, but he was too mild-Burt K1OIK).

You ham radio ops are a bunch of cheap skates. You're always trying to screw us commercial dealers out of a radio or repeater for some stupid project of your own. Most of your repeaters are all closed and are absolutely worthless for emergency use. You all claim to be such a big help in emergencies. WELL YOU'RE NOT!!! Hams can't and don't contribute anything to disaster relief any more.

All you do is whine and moan about how much a piece od commercial equipment costs. Well that isn't entirely true. You do go to hamfests and whine and moan to vendors about how much their equipment costs as well. You idiots have absolutely no idea what goes into the design production and marketing of any piece of gear, commercial or not. I truely feel sorry for any poor bastard that relies on making a living from you cheap SOB's.

Why not give us legitimate commercial interests your VHF, UHF and SHF spectrum so that we can do something useful for mankind instead of letting a bunch of retired has beens have access to billions of dollars of spectrum for nothing more than comparing prostate troubles during the day when the rest of humanity is doing something useful... like working for a living.

I'm sure to get some flame mail over this so I might as well make it good... You guys are worse than CBers. All you do is bitch about code requirements and how hard the tests are to get a license. Well I got news for you. You hams should be relegated to about 400 KHZ of spectrum in the 20 meter band. It should be allocated into 40 distinct channels 10 KHX apart. Maximum power 5 watts ERP. All testing and call signs should be revoked and every 18 wheeler should have a mass production, $50 20 meter ham rig installed. Then I suppose you all could bitch about paying a whole $50 to whoever is desperate enough to get into that market.

73zzzzz good buddies>>>

4725. Re: What the big guys think of hams.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <325B7BCB.6698@ccsnet.com>
Source record: 215077
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Curt Phillips wrote:
>
> >Remember I was not the author however hams do a minute amount of good.
> >But it is rare that a ham does anything but blab while sitting on his
> >fat white butt.
>
> That might be offensive to the several hams of darker skinned African
> descent who I know around here, especially those who assisted (as did I)
> with the emergency communications during Hurricane Fran. But then again,
> accuracy has never been a strength of yours.

Most hams are lily white because the whites do not accept the blacks.
It is not because of any black problem. It is a white problem.

> Admittedly, that's what *your* wife has told many of us about you, but I
> wouldn't generalize based just on your situation.

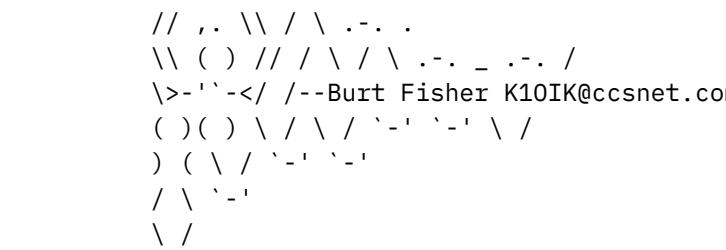
A typical low class comment that is old.

> I'm sure they are ashamed to admit they have anything to do with you
> in any way, shape or form.

That is why they try to GET INTO my class.
That is why the hug me.
That is why they visit me AFTER they graduate.

>
> Wrong again, Burt. That is a pictorial representation of a female.
> Burt, there is a REALLY BIG DIFFERENCE between a picture of a female, and
> an actual female, but I suspect you haven't had many occasions to find that
> out. Perhaps that's why you hate ham radio so much... the money you spend
> on ham radio gives you less money for your subscriptions of Playboy,
> Penthouse, et al to expand your experiences with [pictures of] females.

I spend nothing on ham radio. I hate to waste money.
I do not need what hams need (the pictures mentioned above).
I have the real thing.



```
\/ / <----- Hams this is a female
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4726. Re: VE7TCP

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: geo@ipass.net
Message-ID: <325b0a84.16206969@news.ipass.net>
Source record: 215078

>The machine has been very sick with network problems. Every time we bring it
>up, it goes down several hours later.
>
>--
>Jim Reisert <AD1C@tiac.net>
>http://www.tiac.net/users/ad1c/

Is there anyway to know when the reflector is down as opposed to if
being dropped off the list? Could you maybe post a note here if the
machine has had a problem, then maybe another when it's going again?

73 DE KQ4QM (George)
My DXCC Pages are at http://www.ipass.net/~geo

4727. Re: How to find list of available Extra vanity calls?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: David Haas <d_haas@204.213.51.2>
Message-ID: <325b6b85.0@newshost.oa.net>
Source record: 215079

Yes KA9FOX has it on his page and lots more good stuff. The address for the available call signs is <http://www.qth.com/ka9fox/available_calls_1.txt> but be sure to check our the rest of the page also

4728. Not a wonderful life, no life.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <325B78E7.76F1@ccsnet.com>
Source record: 215080

Frank Sved wrote:

> Although I love to disagree with you, Drew, you are quite correct this
> time around. Burt not only disturbs us here, but on other groups too.

If you look at my profile, you will see I have a life.
Look at yours and you have NONE:

AUTHOR PROFILE: dg198@FreeNet.Carleton.CA (Frank Sved)

175 articles posted between 1996/05/09 and 1996/10/08.
76 % followups.
Number of articles posted to individual newsgroups (slightly skewed
by cross-postings):
144 rec.radio.amateur.misc
17 rec.radio.swap
11 rec.radio.amateur.antenna
3 rec.antiques.radio+phono

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\>-'`-</ /--Burt Fisher K1OIK@ccsnet.com-\---/-\---/---\-----/--
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\/ / <----- Hams this is a female
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4729. Re: ~FCC closes down all 12 monitoring stations~

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: domonkos@access3.digex.net
Message-ID: <53g47t$mq@news4.digex.net>
Source record: 215081
Cross-posted to: rec.radio.amateur.misc,rec.radio.cb,alt.radio.pirate,rec.radio.scanner

au (au@ix.netcom.com) wrote:
: From Mobile Radio Technology Oct '96:
:
: "The FCC has closed all 12 of it monitoring stations. Almost all FCC
: field offices are equipped for monitoring frequencies at VHF and above.
: The monitoring stations were additionally equipped to monitor signals
: in the high-frequency (HF) range. Stations were closed in the
: following locations: Allegan, MI; Anchorage, AK; Belfast, ME; Douglas,
: AZ; Ferndale, WA; Grand Island, NE; Honolulu; Kingsville, TX;
: Livermore, CA; Powder Springs, GA; San Juan, PR; and Vero Beach, FL.
:

The FCC doesn't need all these listening stations, it's redundant with all
the NSA stations in place.

Andy

4730. Cool Vanity Call

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: prvalko@saturn.acs.oakland.edu
Message-ID: <53gatt$4r9@news2.acs.oakland.edu>
Source record: 215082

I just looked at Tuesdays Vanity calls and saw some joker got this:

N 0 H U M <---- no hum, get it ?
hahahaha!

Who said hams have no humor? Hmmmm, may it IS N0HUM(or)???!!!

=paul=

4731. Re: NEED Clipperton mod

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: ernie@sgi.net
Message-ID: <325BDB7C.3A4F@sgi.net>
Source record: 215083

david l. thompson wrote:
>
> ernie@sgi.net wrote:
>
> >I have a Dentron Clipperton L amp and have been trying to find some
> >info on a mod to allow operation on 10 meters. Does ANYONE have this
> >info, or know where I can find it.
> > Thanks: Ernie,, KE3VC
>
> Ernie,
>
> Try Bill K4BWC at Omega Electronics in Knightdale, NC 919-231-7373 or
> FAX 919-250-0073. He has a kit (he can install or you can install).
>
> Dave K4JRB

Thanks Dave, I'll call him today. Ernie KE3VC

4732. Network Conections over radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: irucal@mail.cccis.ro
Message-ID: <53g2sl$7r2@ghost.sorosis.ro>
Source record: 215084

It's possible to conect some computers to Internet using amateur radio
frecquences, o conversion or something like that???

Thanks in advance!

Alex

e-mail:irucal@mail.cccis.ro

4733. Re: Not a wonderful life, no life.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <53gase$7bl@freenet-news.carleton.ca>
Source record: 215085

```
Burt Fisher (k1oik@ccsnet.com) writes:
> Frank Sved wrote:
>
>
>> Although I love to disagree with you, Drew, you are quite correct this
>> time around. Burt not only disturbs us here, but on other groups too.
>
>
> If you look at my profile, you will see I have a life.
> Look at yours and you have NONE:
>
> AUTHOR PROFILE: dg198@FreeNet.Carleton.CA (Frank Sved)
>
>
> 175 articles posted between 1996/05/09 and 1996/10/08.
> 76 % followups.
> Number of articles posted to individual newsgroups (slightly skewed
> by cross-postings):
> 144 rec.radio.amateur.misc
> 17 rec.radio.swap
> 11 rec.radio.amateur.antenna
> 3 rec.antiques.radio+phono
>
>
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> \\ ( ) // / \ / \ .-. _ .-. /
> \>-'`-</ /--Burt Fisher K1OIK@ccsnet.com-\---/-\---/---\-----/--
> ( )( ) \ / \ / `-' `-' \ /
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> \/ / <----- Hams this is a female
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Correct again Burt. I choose not to post to groups like ALT.SEX.TEENS

Do tell us hams if this female up there is over 16?

--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca
```

4734. Amateur Radio Exam Generation Software

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: bschwart@zeus.NETset.COM
Message-ID: <199610091233.IAA09184@zeus.netset.com>
Source record: 215086

WF5P wrote he was looking for VE Generation Software for MAC and wanted to know where to find some. Well I can't directly give him that info but if he is interested there is an a site on the internet that generates all paractice exams for all classes of amateur licenses. it also grades it at the end and since it is on-line it won't matter what type of computer is used.

The site URL is: http://w5ac.tamu.edu/ham-exam.html//

Hope this helps

73's

Barrie W3ENL/8
E-mail: bschwart@netset.com

4735. Is equipment building and repair a lost art? Your comments, please.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: rdb <rdb@wko.com>
Message-ID: <53f8km$oq6@news.wko.com>
Source record: 215087
Cross-posted to: rec.radio.amateur.homebrew,,rec.radio.amateur.misc

30 years ago, I was enamored by the prospect of soldering together a handful of components and ending up with a functional transmitter, receiver or some other magical electronic device. For me that love has yet to fade. Recently while discussing the world of homebrew with a ham friend, he challenged me to show proof that there is still a viable audience out there in the world of hamdom for material that introduces hams to the how and why of equipment construction and repair. Now since this is a subject that's near and dear to my heart (I think proof of ownership of a soldering iron and signal generator should be required to obtain a ham ticket - please don't flame me for that opinion), I naturally assumed the thing I like most about ham radio is popular with most other hams. After considerable thought, I'm not so sure. An unscientific survey of our local club, 40+ members, reveals that fewer than five do any work at all on their own equipment,much less any homebrew work! Checks with hams in other area clubs reveal a similar percentage of hams who still heat a soldering iron on a semi-regular basis. Blame unrepairable micro-miniature equipment, the impossibility of homebrewing gear that can compete cost or feature wise with the factory-built stuff, lazy hams or whatever you like. My question is this: Are we who enjoy the technical aspects of the hobby headed for extinction? What do you think?
Roger,WF4N

4736. Re: Sodomized by the FCC & Mellon Bank

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: prvalko@saturn.acs.oakland.edu
Message-ID: <53g9mk$4q1@news2.acs.oakland.edu>
Source record: 215088

: >In article <53fhdg$p9a@emf.emf.net> randyk@emf.net "Randolph Kielich" writes:
: >> Here is what I am proposing: Get a court ordered injunction to
: >> halt the processing of this entire charade today. I'm dead serious

Not much sympathy coming from the net, Randy. You screwed up... you trusted the government.

Pretty funny in a bizzaro-world way, most people flame the USPO for being too slow, here they did a good job and got your hot package delivered quickly and you go ballistic.

That 32 cent stamp didn't sound like such a deal to me. I'd use that electronic filing method ASAP, there were 4,200 applications on day one but only a few hundred since, you really are not that far out of the running. You can kiss off a few of the hot w#-- calls but I bet there will be tons of N#yx and stuff like those left after the first wave!

That's what everyone else will have to do if we don't get pulled on the day one lottery, think of of this way, you have first shot at the Vanity call boomerang!

73 =paul= wb8zjl <--- watch this space!

4737. Re: Why should we learn the code??

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: CHRISTOPHER CARTWRIGHT <ccart@shell1.erols.com>
Message-ID: <53ggam$a98@boursy.news.erols.com>
Source record: 215089

In rec.radio.amateur.misc Ray Hodgkiss, N9YNG <hodgkiss@kiva.net> wrote:

: essentially another language, if they never indend to use it. I asked
: myself the same thing when I took german for two years in college. I
: thought I'ld never use it. I was wrong. I had an chance to go to
: Austria/Germany and it did come in handy, like when I wanted to buy a

At present, my parents are in the "semi-retired travel the world mode" and have told me that in several of the countires they have visited, if you make the attempt to use the native tongue, the locals will then move to English once you've at least tried. Otherwise it's a "No parlez englais" thing until you give up and go away. I think a lot of the same holds true with CW, if you attempt to speak the language, the locals are a lot more friendly. That's part of the reason I'm practicing to "speak the language" at a fluent 13 wpm :)

-- Christopher Cartwright, Tech. Engineer | ...our chief weapons are fear,
-- Voice 301.295.0809 N3XRV QRP-L #655 | fear and surprise, and nice
-- Mail dsc3cjc@imc220.med.navy.mil | red uniforms, oh damn!!
-- ccart@erols.com | -- Monty Python

4738. Re: Need article from may 89 QST

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: pschleck@oasis.novia.net
Message-ID: <53gg7c$r6e@oasis.novia.net>
Source record: 215090

In <324DD02F.2032@ultranet.com> tom chase <chaset@ultranet.com> writes:

>Hi, I am trying to connect a newer rig, to an older amp

>and the arrl suggested I build a device that was featured

>in the May 89 QST. Could someone please copy this article

>for me? I will gladly pay expenses. Thanks & 73 Tom K1UM

You may be able to obtain just such a reprint from the ARRL Technical
Information Service. You can find out more about their services from my
Amateur Radio Elmers Resource Directory:

http://www.novia.net/~pschleck/elmers/

In particular:

http://www.novia.net/~pschleck/elmers/T.html#Tracy

--
73, Paul W. Schleck, KD3FU
pschleck@novia.net
http://www.novia.net/~pschleck/
Finger pschleck@novia.net for PGP Public Key

4739. Microwave Equipment for Sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: rass@flash.net
Message-ID: <53f4qv$137@excelsior.flash.net>
Source record: 215091

Have several pieces of Raytheon 8911B 4Ghz microwave gear. Some with Klystrons, some without. Several power supplies, service channel equipment etc. Some MUX equipment. Located near Oklahoma City, Okla. Respond via email for more details.

rass@flash.net

4740. Re: What the big guys think of hams.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <53gbdf$7fe@freenet-news.carleton.ca>
Source record: 215092

Burt Fisher (k1oik@ccsnet.com) writes:
>> LEO project.
>
> Maybe and maybe I am the only ham that has a life.
>
>
>> My oh my!! How lonely that must be........
>
> Not for me because I live in the REAL world.

Burt, I really don't understand why you love to be hated? It really doesn't trouble me not to know, I'm just curious. Without MUD flinging, people in other groups call you reallllllly bad names and make fun of you by calling you a "clueless twinkie".

Why not just relax. The world is full of diversity, enjoy it. Certainly if you are teaching a vocational programme you should be aware that your students don't require a maverick, just a decent, honest person.
--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

4741. Re: Sodomized by the FCC & Mellon Bank

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1Dz0HwB.HzC@netcom.com>
Source record: 215093

In article <53fhdg$p9a@emf.emf.net>, Randolph Kielich <randyk@emf.net> wrote:
>
>Today my first concern has come to haunt me yet again, instead this
>time it's a nightmare come full circle.

Aren't you taking this a little to serious? There is no fixed
number of new calls available. As the "old guard" dies out,
a huge number of calls will become available.

--
------------ Charles Copeland charles1@netcom.com --------------

4742. Re: Sodomized by the FCC & Mellon Bank

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct9.152218.320@ke4zv.atl.ga.us>
Source record: 215094

In article <53fhdg$p9a@emf.emf.net> randyk@emf.net (Randolph Kielich) writes:
>
> Here is what I am proposing: Get a court ordered injunction to
> -------------------------- ================================
>halt the processing of this entire charade today. I'm dead serious
>== ----------------

The rules are very clear. You jumped the gun, and like a "sooner"
at a land rush, now you're paying the price. If you think a court
is going to issue an injunction because the US Postal Servce is
too efficient, you'll be laughed out of court.

The procedure required by the FCC is the same one that commercial
competitive filings have had to follow for years. The FCC will slap
down AT&T just as quickly as they did you, if AT&T were careless
enough to jump the gun on a filing gate.

What you don't know, and what the postal worker you spoke with
may not know either, is that the postal service has started using
bulk air transport for first class mail between mail centers more
than 500 miles apart. So 2 day delivery of transcontinental *surface*
mail is now commonplace. (They don't tell you that because they want
you to still pay the premium for airmail delivery.) The old mail
trains that took a week to get the mail across the country are gone.
It is now common for a transcontinental letter to arrive before a
letter mailed from a nearby post office.

Bulk mailers know all about this and stagger their mailings when
they want them all to be delivered on the same day. Postal workers
may not know this since they're trained on their little piece of
the puzzle and not on the entire system. And those who were trained
on the entire system years ago have out of date knowledge. If you
had consulted a commercial mailer, they could have arranged to have
the letter delivered on the day you specified.

The commercial boys have long learned that the best way to deal
with filing gates is to have a flunkie from their Washington
communications attorney's office wait in line to hand deliver
any application that they might want to file at a specific
time.

I'm somewhat surprised the ARRL didn't offer to do this. They
deal in bulk mail and understand the postal system. And they
have a flunkie in Washington who could have handled standing
in line with a few bags of applications for the first day
filing.

In any event, ignorance of the way the mail works is no excuse.
When you deal with the government, you play by their rules or
you don't play. You'll just have to resubmit your application.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4743. Re: ~FCC closes down all 12 monitoring stations~

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: bry@mnsinc.com
Message-ID: <53g1g6$pll@news1.mnsinc.com>
Source record: 215095
Cross-posted to: rec.radio.amateur.misc,rec.radio.cb,alt.radio.pirate,rec.radio.scanner

au@ix.netcom.com(au) whistled a happy tune like:

|>From Mobile Radio Technology Oct '96:

|>"The FCC has closed all 12 of it monitoring stations. Almost all FCC
|>field offices are equipped for monitoring frequencies at VHF and above.
|>The monitoring stations were additionally equipped to monitor signals
|>in the high-frequency (HF) range. Stations were closed in the
|>following locations: Allegan, MI; Anchorage, AK; Belfast, ME; Douglas,
|>AZ; Ferndale, WA; Grand Island, NE; Honolulu; Kingsville, TX;
|>Livermore, CA; Powder Springs, GA; San Juan, PR; and Vero Beach, FL.

|>Other offices closed by the commission include those in Buffalo, NY;
|>Norfolk, VA; Miami, Houston, Portland, OR; and St. Paul, MN.

|>Ok whats open?

|>Offices that remain in operation include Atlanta; Baltimore; Boston;
|>Chicago; Dallas; Denver; Detroit; Kansas City, MO; L.A.; New Orleans;
|>New York; Philadelphia; San Diego; San Francisco; Seattle; and Tampa,
|>FL.

|>The FCC has previously announced that upon closing of the field offices
|>and monitoring stations that it would have a toll-free number to report
|>Land Mobile interference problems. 800-322-8255 "

|>According to this article Prior to June 1, 1996 the FCC maintained 35
|>field offices and monitoring stations, this number has dwindled to 16
|>offices.

|>Just thought it was an interesting piece of news to pass on to all the
|>radio enthusiasts.

|>au

THIS can only be good news to SW pirates / free radio enthusiasts.
As long as they are not interfering with other services, I seriously doubt
that the FCC is going to bother ANYONE on HF with a moderately powered
signal that does not GRAB the whole world's attention.

I tried to contact the FCC monitoring station in Laurel, MD a few months ago
about a deliberate interference problem I heard on the ham bands.

They ignored my FAX.
They didn't return my phone call messages.

If there IS anyone left in FCC monitoring, they are likely too busy with commercial work to want to fool with SW and FM band pirates.

Happy listening!

Bry

4744. Re: Is equipment building and repair a lost art? Your comments, please.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: CHRISTOPHER CARTWRIGHT <ccart@shell1.erols.com>
Message-ID: <53gku8$lfb@boursy.news.erols.com>
Source record: 215096
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

In rec.radio.amateur.misc rdb <rdb@wko.com> wrote:

: Are we who enjoy the technical aspects of the hobby headed for
: extinction? What do you think?
: Roger,WF4N

Well, I guess you can count me amongst the doomed! While I do own a few "riceboxes" only one of them (a 2M HT) was bought new. All the rest were good deals because they had something wrong with them. Fix them up, and I'm a happy ham! (and a cheap SOB) The most recent was a 2 meter rig that was given up for dead because the mic cord was too long! (i.e. broken solder joint, shorten cord, resolder) I've been melting solder for much longer that I've been a ham, and I guess it just sort of carried over. I'm building QRP rigs now, made my practice oscillator out of parts from a toasted computer monintor, have electronic "carcasses" all over the basement just "in case" I might need the parts. Tough to explain to the YL.

I think most amateurs are content to be appliance operators and I have no problem with that. It is now much more of a hobby than a service, so whatever people enjoy doing with radio, they should do. Not that I don't lament the demise of the homebrewer. It's nice to run into one once in a while and not be stared at when you say something like, "Have you seen the spec's on the new low power 602's?".

Seems that anywhere the "suits" can make money, homebrewing starts to die off. Just look at what the no code tech licence did for big three in terms of two meter offerings. Before I get flames "I SEE NO-CODE AS A GOOD THING". Most all of the builders I meet anymore are into QRP or microwave since there isn't much chance you can outdo a mass produced HF rig and there are very few commercial offerings for QRP or uwave. Both appliance operators and homebrewers have their place, but I for one am much happier being one of the homebrewing dinosaurs.

-- Christopher Cartwright, Tech. Engineer | ...our chief weapons are fear,
-- Voice 301.295.0809 N3XRV QRP-L #655 | fear and surprise, and nice
-- Mail dsc3cjc@imc220.med.navy.mil | red uniforms, oh damn!!
-- ccart@erols.com | -- Monty Python

4745. Re: Screwed, but not by the FCC & Mellon Bank

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: Larry Deering <ldeering@haven.ios.com>
Message-ID: <325BDD48.3090@haven.ios.com>
Source record: 215097

Randolph,

Get a grip on yourself! The more you blither and damn the FCC and the Post Office the worse you look. The whole affair boils down to mailing an important letter too soon, and the Post Office delivering faster than you expected. Why criticize the Post Office for being prompt? It turns out that you mailed the 610-V, and later asked when it would get there. You knew then that you were pushing your luck. Your post is full of rude remarks about the FCC and the Mellon Bank, who are following guidelines published in advance. Now you'd like to get the courts involved to halt the process, so your re-application will rank with the rest? <snicker>

I'm sorry to sound so unsympathetic, I understand what you're going through. But try to think things through before shooting yourself in the foot again! Now you should wait to see what's available after the first day call rush, and file electronically. If you file right away, the odds are very much against you.

73 es GL,
Larry, wa2yte (soon w2??)

Randolph Kielich wrote:
>
> I went to my post office today to check on my mail. I wondered
> what the heck a large fat letter from the FCC was doing in my box.
> After I looked at the address I knew I was in for a living nightmare.
>
> Beyond all boundaries of comprehension and thought, my 610-V
> form for my 1 by 2 call sign was returned to me with a letter of
> "Dismissal". I started talking out loud to myself in the Post Office
> i.e. "Dildos"! God damn ignorant, incompetent, bungling "Dildos"! I knew
> I had been 'Sodomized' by the FCC & Mellon Bank and possibly the
> Post Office itself as well, and I was right.
>
> If you think or believe that I am just one of the 'rare' few to
> be 'Sodomized' just wait as the real fun has not even begun in earnest
> yet.
>
> To return briefly to my 610-V, the reason given was that they
> 'claim' that it was received 'too early'. This is where it really gets
> dark and murky to say the least. The Mellon Contract Bank cashed my
> check and a photocopy is enclosed with a computer date at the top which
> is 09-25-96. Interesting eh? Mellon goes right for "The M_O_N_E_Y" like
> they are programmed to do. Lets continue a bit. The date of their
> letter to me is Sept. 30th. 1996 and below that is a "Process Number"

> for this transaction and it starts out with a dated code i.e. 960924
> 2104 which translated means September 24th. 1996. Finally on the 610-V
> itself in the upper right hand corner, where it says "For FCC use only"
> Is a very weak red stamp that reads FCC/MELLON SEP 20 1996. Go figure.
>
> I sent my application at 5:30 p.m. on wednesday the 18th. at a
> mailbox in front of my Post Office in Berkeley. Later that day I called
> the Post Office at their main branch in Oakland and told them what I had
> done and what my worries were. I was told that "It is virtually impossible
> for your letter to get to P.A. on friday, *maybe* Saturday, with an excellent
> chance on monday the 23rd." "Don't worry it's not possible". When my
> check cleared the bank I though I would now just let go and forget about
> it. Today my first concern has come to haunt me yet again, instead this
> time it's a nightmare come full circle.
>
> What's worse is that your dealing with a system that was set up
> for 1932 in 1996. There is no one there to stop _major_ errors or
> mistakes such as "Where do I put this stack?" "Oh, that...put it over
> there with those..." or, "What about those over there?" "Ahh....don't
> worry about it" . Do you see what I'm saying now? Large stacks of mail
> that are just pushed around by people who know little to nothing about
> what's going on or don't even care. There is now way and I mean *no* way
> to prevent anyone from 'including' an application that arrived early
> from being 'included' or one that arrived one day late from being 'excluded'
> and returned, and we have not even gotten to the untested computer
> system yet.
>
> Here is what I am proposing: Get a court ordered injunction to
> ------------------------- ================================
> halt the processing of this entire charade today. I'm dead serious
> == ----------------
> about this. Just do it. When that is taken care of, put a program
> together that it totally electronic and is processed by the VEC teams
> around the United States. If not just wait till your Vanity Call Sign
> arrives and turns out to be one from someone else's application. Think
> it won't happen? Stay tuned as the 'Vanity Calamity' continues to really
> kick into high gear.
>
> E. Randolph Kielich / N6WDV

4746. Re: Sodomized by the FCC & Mellon Bank

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: n1ist@netcom.com
Message-ID: <n1istDz0Jwu.6vK@netcom.com>
Source record: 215098

In article <53fhdg$p9a@emf.emf.net> randyk@emf.net (Randolph Kielich) writes:
- To return briefly to my 610-V, the reason given was that they
-'claim' that it was received 'too early'.
- I sent my application at 5:30 p.m. on wednesday the 18th. at a
-mailbox in front of my Post Office in Berkeley.

OK. You used a service that makes *no* guarantees about how long it will take to process. In an unusual burst of speed, they actually got the mail through in a tad under 2 days. And most people complain how slow they are.

If you checked the newsgroups and mailing lists, you would have noticed many recommendations for how to send the 610-V in: FedEx/UPS/Express mail on friday with a saturday delivery and no signature required was the general consensus. If getting in on the first day was so important, the extra $10 for the postage was well worth it.

- Here is what I am proposing: Get a court ordered injunction to
- ------------------------- ================================
-halt the processing of this entire charade today.

Because you didn't follow the publicised rules? It was *VERY* clear that early submissions would get turned down. As a matter of fact, early on (before someone realized that it was on a Monday), everyone thought they had to have it show up *ON 9/23 EXACTLY*. There was an over 3 day window to hit for gate 1...

/mike
Still waiting...

--
\|/ Michael L. Ardai N1IST n1ist@netcom.com \|/
-*- === Boston Amateur Radio Club: http://www.barc.org/barc === -*-
/|\ or send "info barc-list" to listserv@majordomonetcom.com /|\

4747. Re: How to find list of available Extra vanity calls?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: sscherme@capecod.net
Message-ID: <53gfof$n1c@dublin.bitwise.net>
Source record: 215099

dvhunt@es.com (Darvell D. Hunt) wrote:

>I am considering upgrading my advanced call and getting an
>Extra vanity call. Does anyone know where I can get a list
>of available calls as of now?

>I don't want to make a list of 25 calls that I may or may not
>get. I want a list of 4 or 5 that I can probably get.

>Thanks,
>de Darvell (KE7GW)

>--
>Darvell D. Hunt dvhunt@es.com
>Evans & Sutherland Computer Corp.
> Salt Lake City, Utah

Try: http://www.qrz.com/vanity.html
for 1x2 and 2x1's only.
73

Skid Schermerhorn http://www.capecod.net/~sscherme
Cape Cod, Massachusetts http://www.capecod.net/~sscherme/bookmark.htm
USA http://www.capecod.net/~sscherme/church.htm

4748. Re: Is equipment building and repair a lost art? Your comments, please.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: dgf@netcom.com
Message-ID: <dgfDz0p5F.IyE@netcom.com>
Source record: 215100
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

In article <jlowmanDz0oI6.DwJ@netcom.com> jlowman@netcom.com (Jim Lowman) writes:
>Well, Roger, I think we may be a dying breed. Homebrewing and repair seem
>to be, at best, a niche interest among today's hams. A few reasons come to
>mind:
>
>-- The growth in amateur radio today is in the Technician ranks. Until or
>unless they upgrade to operate on the HF bands, there is little homebrewing
>to be done. Most gear is readily available in plug-and-play mode, and
>conversion of surplus commercial equipment may be as close as many get. I
>do applaud Ten-Tec for introducting kits for VHF transceivers.

I guess I could add that getting on the microwaves still requires homebrewing
in almost all cases. There is very little commercial gear available that is
intended for ham usage above 1.3 GHz. Compounding the lack of commercial gear
is the difficulty in getting test equipment inexpensively. As a beginning micro-
wave builder/operator, I'm finding the experience very similar to when I
first started in ham radio in 1971, when I built my first gear and was
not easily able to verify that anything worked. The best resources I've found
are other hams in the same area (I'm grateful for that!) who already have
gotten _their_ homebrew gear on the air. If you're willing to try several
hundred mile QSOs on milliwatt power levels with gear you build yourself and
carry around in your car, microwaves might be the ticket to the homebrew itch...

73 Dave WB0GAZ dgf@netcom.com

4749. Re: Dealing with pigs (hams).

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: Kevin Potter <us66kix@west.net>
Message-ID: <53gmmr$r00@jerry.loop.net>
Source record: 215101
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Is there a contest-free weekend anytime during the year?

4750. Re: Is equipment building and repair a lost art? Your comments, please.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: Jim Conn <jconn@gte.net>
Message-ID: <325C0A08.7171@gte.net>
Source record: 215102
Cross-posted to: rec.radio.amateur.homebrew,,rec.radio.amateur.misc

rdb wrote:
>
> 30 years ago, I was enamored by the prospect of soldering together a
> handful of components and ending up with a functional transmitter,
> receiver or some other magical electronic device. For me that love has
> yet to fade. Recently while discussing the world of homebrew with a ham
> friend, he challenged me to show proof that there is still a viable
> audience out there in the world of hamdom for material that introduces
> hams to the how and why of equipment construction and repair. Now since
> this is a subject that's near and dear to my heart (I think proof of
> ownership of a soldering iron and signal generator should be required to
> obtain a ham ticket - please don't flame me for that opinion), I
> naturally assumed the thing I like most about ham radio is popular with
> most other hams. After considerable thought, I'm not so sure. An
> unscientific survey of our local club, 40+ members, reveals that fewer
> than five do any work at all on their own equipment,much less any
> homebrew work! Checks with hams in other area clubs reveal a similar
> percentage of hams who still heat a soldering iron on a semi-regular
> basis. Blame unrepairable micro-miniature equipment, the impossibility of
> homebrewing gear that can compete cost or feature wise with the
> factory-built stuff, lazy hams or whatever you like. My question is this:
> Are we who enjoy the technical aspects of the hobby headed for
> extinction? What do you think?
> Roger,WF4N

Hi Roger,

I still repair all my equipment, including the solid state stuff. I also still homebrew and experiment. It remains as much fun as it always was, perhaps even more, with solid state gear and qrp projects. We need to do more club projects, teach classes in our clubs and talk it up. Your post is a good start, and I hope a large number resolve, as I am, to become more active in getting others "hooked" on building, experimenting with, and repairing, equipment. One method would be for clubs to pool their resources and set up work areas so hams can experiment, test and do repairs.

I hope others will come up with more ideas, and will begin working through their local clubs to stimulate interest and encourage hams to put their theory to practical use.

Thanks for the stimulus!

73,
Jim - AD4VL

4751. What is HAM

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: mossmann@u-strasbg.fr
Message-ID: <53gpot$agl@news.u-strasbg.fr>
Source record: 215103

Hello...

NO NO NO, it's NOT a joke...

I'm a french HAM [F1UIH] and I want to know something...

What is HAM ???

H.A.M. ???

OK, it's a stupid question for you, but I ask many french HAMs, and...
"Euhhh... It's Radio-Amateur..."
"But why H.A.M."
"Because... euhhh... I don't know"

[not found in the rec.radio.amateur.misc FAQ]

Thank you... 73 from France...

Frederic Mossmann - Strasbourg - France - F1UIH

4752. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: carl@ais.net
Message-ID: <53grtt$6e6@news.ais.net>
Source record: 215104
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <325859B3.EED@no.spam.please>, Ramon Gandia <rfg.at.nome.dot.net@no.spam.please>
writes:
>Todd wrote:
>
>> >Well as much as it pains me to say so, QSOs/Hz is a valid metric.
>>
>Carl wrote:
>
>> I disagree ... but I know you'll hear me out ...
>>
>> >It basically measures how many concurrent QSOs can take place in
>> >a given bandwidth. Given the variable speed at which humans generate
>> >information, it makes sense as it measures occupancy, not throughput.
>>
>> But occupancy is not what measures spectral efficiency ... information
>> transfer is ... that's why the bits/sec/Hz metric is the one that's
>> prefered in the engineering community and by the FCC ...
>
>Carl, I have to agree with Todd's statement. In an engineering world,
>or a commercial communications world, specially with specific
>frequency assignments or discrete communications channels, your
>method would be correct.
>
>However, ham radio does not fit the mold this way. This is a hobby,
>for enjoyment. Thus, for us hams, its QSO's per Hz or per band, that
>is the measure of efficiency. Specially as we all want real-time
>QSO's (packet notwithstanding).

Ramon ... QSOs/Hz is not a measure of efficiency ... in order to
mearsure efficiency, you have to measure rate of information transfer
pre unit of bandwidth occupied. Otherwise, you "have a lot of 'QSOs'"
but nothing is happening ...

Carl - wa6vse
carl@ais.net

4753. Re: Is equipment building and repair a lost art? Your comments, please.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: Larry Keith <KQ4BY@IX.NETCOM.COM>
Message-ID: <325BBAEA.4455@IX.NETCOM.COM>
Source record: 215105
Cross-posted to: rec.radio.amateur.homebrew,,rec.radio.amateur.misc

FWIW:

I peddle pieces/parts at hamfests. I notice that I have as many "young" customers as I do "old" customers.

As to the cause of the demise of "technically qualified" hams, I can suggest several reasons, most of which have already been posted. But, maybe the primary reason is the disappearance of Elmers, those "old timers" who took the time to tutor and coach newcomers to this hobby. Today, one studies a bit, memorizes some answers, passes the test, buys a HT, and becomes an instant ham. I am not critical of that approach to licensing but I do realize that it creates a different breed of ham.

I still tinker, repair, and brew a bit. And, I try to convince newcomers that there is some fun associated with such activities. While I can't claim to be an instant success, I have seen some of the new folks try.

73,

Larry, KQ4BY

4754. Re: Hazer tower system.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: Doyle.Souders@nsc.com
Message-ID: <Dz0pEx.B43@nsc.nsc.com>
Source record: 215106

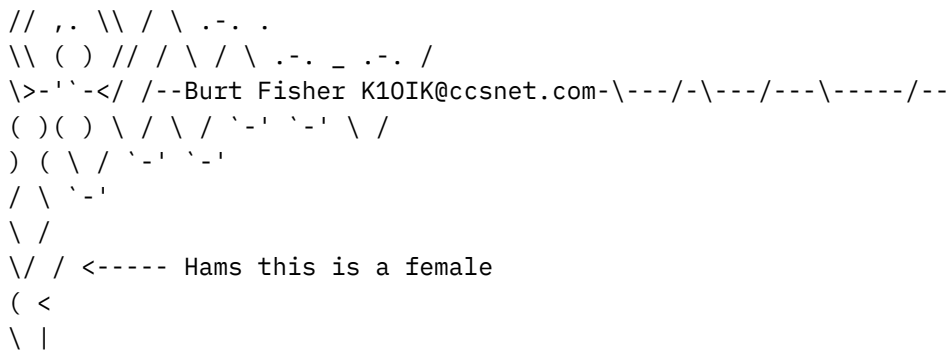
We bought a Hazer for our club to use on Field Day. It works great. We use it on Rohn 55 tower sections and normally put it up about 30 feet on FD. The difficulty with a Hazer comes when you are using a tall guyed tower. Obviously you cannot pass through the guy wires with the antenna on. You have to disconnect the guys as Hazer goes past. There are guys attached directly to the Hazer so when it is all the way up, these guys hold the top of the tower. On FD these are the only guys we use so there is no problem going up or down. We have tethers on the tower to hold it until the Hazer gets in place. I also use a Hazer on 2 sections of Rohn 55 on top of my 2 story house. The only guys are on the Hazer and this also works great. When I bring the antenna down to work on it, I attach tethers to the tower to hold it in place. If you haven't called Glen Martin Eng, give them a call and have them send you there installation booklet. It will give you a good idea of how the system works. We bought the galvanized unit and it is constructed very well and it does the job we need. I did spend a bunch of time talking directly to them at Dayton prior to purchasing to make sure it would fit our need. Hope this helps.

4755. Re: Not a wonderful life, no life.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <325C0075.758F@ccsnet.com>
Source record: 215107

Frank Sved wrote:
>
> Correct again Burt. I choose not to post to groups like ALT.SEX.TEENS
>
> Do tell us hams if this female up there is over 16?

Is there such a group?
You seem to know.



4756. Re: 10-10 Web Site

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: pschleck@oasis.novia.net
Message-ID: <53gvko$dnj@oasis.novia.net>
Source record: 215108

In <3256F481.10A4@iw.net> "Scott A. Nelson" <scottnel@iw.net> writes:

>I used to have the address for the 10-10 club website, but I seem to have
>misplaced it. Anyone out there have it. Thanks.

> 73,

> -- Scott -- KG0GD

Yeah, it's listed in the Amateur Radio Elmers Resource Directory:

http://www.novia.net/~pschleck/elmers/

In particular:

http://www.novia.net/~pschleck/elmers/C.html#Cebik

--
73, Paul W. Schleck, KD3FU
pschleck@novia.net
http://www.novia.net/~pschleck/
Finger pschleck@novia.net for PGP Public Key

4757. Re: ~FCC closes down all 12 monitoring stations~

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <53h0dv$1g7c@usenetw1.news.prodigy.com>
Source record: 215109

bry@mnsinc.com (AF4K) wrote:

>THIS can only be good news to SW pirates / free radio enthusiasts.
>As long as they are not interfering with other services, I seriously doubt
>that the FCC is going to bother ANYONE on HF with a moderately powered
>signal that does not GRAB the whole world's attention.

There was an article in Pop Comm last month about this. Said that the number of SW pirates has skyrocketed over the past several months. Main reason was the FCC's lack of enforcement. It also talked about a low-cost SW transmitter that's being mass-produced now ("The Grenade") which allows operation from anywhere with a good, strong signal as well as easy setup.

-Drew in Sunny Central Florida-
KF4DDM

4758. Re: ~FCC closes down all 12 monitoring stations

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: bertb@netjava.com
Message-ID: <53goic$4uv@news.sockets.net>
Source record: 215110
Cross-posted to: rec.radio.amateur.misc,rec.radio.cb,alt.radio.pirate,rec.radio.scanner

Cecil Moore <Cecil_A_Moore@ccm.ch.intel.com> wrote:

>> Only the very brilliant few will remain useful

>As long as they know Morse code, there is nothing to fear. :-)

Heh heh heh heh <ROFLMAO>

One has to sometimes wonder if we would but only send a handful of
well versed Amateurs (with keys in hand) to the third world, could we
end poverty and plage in one fell sweep?

Bert Burland aka N5TOA / From The Texas Panhandle
EMail-(bertb@netjava.com) Fido-NetMail-(Sysop@1:3825/24)

4759. It's Time to Drop All CW Testing

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: "William C. (Bill) Wells" <WA8HSU@netusa1.net>
Message-ID: <325B19B5.ED1@netusa1.net>
Source record: 215111

Gentlemen:

I am a 33 year veteran of ham radio and have held an Amateur Extra Class License for many years so I guess you could say that I have a know code license. Both times when the no code license proposals came up before the FCC I filed comments in opposition to the creation of such a license. But when a no code technician class license was finally adopted, my attitude was this: "It is now the law of the land and it is up to us to make it work."

I was heading up the VE operations of my local radio club and so I saw first hand just what the no code license brought into ham radio in the way of applicants. I was, in general, quite impressed with the quality of the applicants that I was seeing. Sure, in any crowd there are a few bad apples but ham radio already had "bad apples." If you don't believe me, just listen to 14.313 MHz or 3.8945 MHz. The persons involved in the escapades on these frequencies are for the most part Extra Class.

Back in the early days of radio a code test was unnecessary because that was the only means of communications available so it was learn the code or not be involved. Later, the primary justification for ham radio was "training" so code testing became important so ham radio could fulfill its mission and provide trained telegraphers to the military, the government, and private industry.

Now, the military and the government have abandoned CW. The Department of Defense has even banned CW on MARS frequencies as of October 1, 1996. GMDSS has all but eliminated CW from the high seas. The US Coast Guard no longer even monitors the international CW distress frequency, 500 KHz. Now the only places where one finds CW in use is automated satellite IDers, automated IDers in the private land mobile service (when they are even used), airport NDBs (and the pilots don't know morse code, they have books with the dots and dashes written out for them), and ham radio.

The face is that now Morse code is nothing but a dead relic. Sure, there are some who still enjoy it. I even spend some time using it. I am particularly fond of the 160 meter CW contest. But as a testing requirement, it's day should be over.

I realize that this will take a change in ITU regulations but I expect this to come about soon, by 1999 at the latest. As soon as the ITU drops the requirement, I expect the FCC to do the same.

Lets all be constructive, eliminate all the bandwidth being devoted to a debate over the merits ow CW in the 90s and beyond and start to discuss

the implementation of the no code HF license which will come sooner or later. (I'm betting on sooner.)

73, Bill Wells - WA8HSU
wa8hsu@netusa1.net

4760. Re: Is equipment building and repair a lost art? Your comments, please.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: Jake Brodsky <frussle@erols.com>
Message-ID: <325C1485.7B4F@erols.com>
Source record: 215112
Cross-posted to: rec.radio.amateur.homebrew,,rec.radio.amateur.misc

rdb wrote:
>
> 30 years ago, I was enamored by the prospect of soldering together a
> handful of components and ending up with a functional transmitter,
> receiver or some other magical electronic device. For me that love has
> yet to fade. Recently while discussing the world of homebrew with a ham
> friend, he challenged me to show proof that there is still a viable
> audience out there in the world of hamdom for material that introduces
> hams to the how and why of equipment construction and repair. Now since
> this is a subject that's near and dear to my heart (I think proof of
> ownership of a soldering iron and signal generator should be required to
> obtain a ham ticket - please don't flame me for that opinion), I
> naturally assumed the thing I like most about ham radio is popular with
> most other hams. After considerable thought, I'm not so sure. An
> unscientific survey of our local club, 40+ members, reveals that fewer
> than five do any work at all on their own equipment,much less any
> homebrew work! Checks with hams in other area clubs reveal a similar
> percentage of hams who still heat a soldering iron on a semi-regular
> basis. Blame unrepairable micro-miniature equipment, the impossibility of
> homebrewing gear that can compete cost or feature wise with the
> factory-built stuff, lazy hams or whatever you like. My question is this:
> Are we who enjoy the technical aspects of the hobby headed for
> extinction? What do you think?

Y'know, I happen to think that Ham Radio never did have very many who could really build a rig. What has happened to this hobby is that it became much more popular thanks to the much derided Japanese electronics industry. But those who homebrew haven't disappeared, they've simply been outnumbered.

Second, the motivation to build gear isn't what it once was. I look at building/repairing your gear about the same way as most of us look at the shade tree mechanic of yesteryear. It really is more complicated now. Things like chips make construction somewhat easier, but the reality is that few homebrew radios can approach the low cost and high performance of most manufactured equipment. So you do it only because you like doing it. Those folks are very few and very far between.

It also isn't easy getting started. I have an EE from Johns Hopkins. Even that isn't really well suited for homebrewing. They don't teach this stuff anywhere. You sort of learn it by doing. And to be quite honest, I'm not really sure just how one is supposed to teach homebrew techniques. It is kind of like trying to teach reason. Or legislate quality (Yes, I mean ISO 9000!). People sort of get it or they don't.

That's a rough thing to say, but I don't know how to say it better.

Thankfully, there are perhaps as many people like this today as there ever have been. There just weren't very many to begin with...

73,

Jake Brodsky, mailto:frussle@erols.com
PP-ASEL IA, Cessna Cardinal N30946, Based @ MD24
Amateur Radio Station AB3A
"Beware of the massive impossible!"

4761. GMRS License Application

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: "Andrew R. Gozdziewski" <andrewg@pitnet.net>
Message-ID: <325C14F9.3797@pitnet.net>
Source record: 215113

Does anyone know where I can get a GMRS license application? I tried the FCC hompage, but I have a Macintosh computer and it has trouble reading the applications that they have online.

Please e-mail me with you responses!

Thanks in advance!

Andrew

4762. ------>FREE DEMO<---------

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: remove1@juno.com
Message-ID: <53h5oi$mla@usenet4.interramp.com>
Source record: 215114

Greetings!

This email is intended for persons that are interested in electronic marketing and online business. Your email addresses was selected because you were listed in the net abuse newsgroup as someone who probably had their message deleted. If you are interested in learning how you can market online in a way that the cyber-cops can't stop you, read on. If you don't fall into this category please excuse the intrusion and ignore this message.

Within my targeted group electronic marketers and online businesses, I am especially looking for individuals that are interested in marketing using email. If you are in that group, you may be interested in a software package I distribute called Email Works. If you'd like more information and a FREE DEMO simply call our offices at: 609-933-0644 or 212-953-5234

Don't reply to the email address from which this came for more information.

If you want to be placed on my remove list, reply to the address you received this email from with the word remove in the subject line.

Thank you,
Lisa

4763. Re: ~FCC closes down all 12 monitoring stations

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <53h5cn$6ah@jupiter.planet.net>
Source record: 215115

> bertb@netjava.com (Bert) writes:

> One has to sometimes wonder if we would but only send a handful of
> well versed Amateurs (with keys in hand) to the third world, could we
> end poverty and plage in one fell sweep?
>
>
> Bert Burland aka N5TOA / From The Texas Panhandle
> EMail-(bertb@netjava.com) Fido-NetMail-(Sysop@1:3825/24)

wellll maybe not plage but most certainly plaque or plague
or splung for that matter :-)

73 Steve KF2TI

4764. ARLB070 IARU meeting Part 1

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: w1aw@arrl.org
Message-ID: <$arlb070.1996@arrl.org>
Source record: 215116
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB QST @ ARL $ARLB070
ARLB070 IARU meeting Part 1

ZCZC AG50
QST de W1AW
ARRL Bulletin 70 ARLB070
From ARRL Headquarters
Newington CT October 9, 1996
To all radio amateurs

SB QST ARL ARLB070
ARLB070 IARU meeting Part 1

The Administrative Council of the International Amateur Radio Union met in Tel Aviv, Israel, October 6-8, after the IARU Region 1 conference there. The council took the following actions:

1. After consultation with the International Secretariat, the council identified the ITU meetings during the coming year that require IARU representation, and the president announced the appointment of representatives.

2. The council agreed on instructions to be given to the IARU 1997 World Radiocommunication Conference (WRC-97) delegation. The International Secretariat will update this material as new information becomes available. The delegation will consist of IARU Vice President Michael Owen, VK3KI, Wojciech Nietyksza, SP5FM, and Larry Price, W4RA.

3. The council adopted a budget for 1997-1999, as submitted by the International Secretariat. The budget provides for financial contributions from the three regional organizations to defray a portion of the expenses that are assumed by the International Secretariat beyond its constitutional obligation.

4. The council received a comprehensive report from the 7 MHz Strategy Committee, and updated the strategies guiding IARU preparations for the possible consideration of related allocations issues at WRC-99. The approved action plan will be distributed to member societies.

5. The council updated the IARU Strategic Plan for the Development of Amateur Radio. In recognition of the special circumstances in Africa, the council created a special committee under the chairmanship of Hans van de Groenendaal, ZS5AKV, to develop a plan to marshal global resources to enhance the position of Amateur Radio

in Africa.

6. The council reviewed and updated present and anticipated future requirements for radio spectrum allocations to the Amateur and Amateur Satellite Services, particularly with regard to the low-frequency (LF) range, the 7-MHz band, the lower VHF range, and the microwave allocations.

7. The council began planning for IARU participation in the next world TELECOM (Geneva, 1999). The council also received reports from Regions 1 and 3 on their preparations for Amateur Radio participation in Asia TELECOM 97 in Singapore and Africa TELECOM 98 in South Africa, which is being organized by the respective regions in accordance with IARU policy.

(Continued in Part 2)
NNNN
/EX

4765. Re: SB200 Information Needed

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: Stan Aughenbaugh <Stan.Aughenbaugh@MCI.COM>
Message-ID: <325C2395.5182@MCI.COM>
Source record: 215117

John Siegel wrote:
>
> Can someone tell me the values of the resistors in the high voltage
> metering circuit of the SB200. I need to repair my Dad's amp and I would
> like to have the right components on hand. The schematic lettering is
> getting a bit small for him but is 3 4.7M resistors right?
> Thanks es 73
> John K4BNCJohn,
Checked my sb-220 schematic (pretty much the same) and it uses
the 3 4.7meg resistors.
GL

--
Stan Aughenbaugh II
Stan.Aughenbaugh@MCI.com
stan_a@kktv.com
Amateur Radio KF0NC
"90% of all statistics are made up"

4766. ARLB072 Amateur Radio Week

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: w1aw@arrl.org
Message-ID: <$arlb072.1996@arrl.org>
Source record: 215118
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB QST @ ARL $ARLB072
ARLB072 Amateur Radio Week

ZCZC AG52
QST de W1AW
ARRL Bulletin 72 ARLB072
From ARRL Headquarters
Newington CT October 9, 1996
To all radio amateurs

SB QST ARL ARLB072
ARLB072 Amateur Radio Week

President Bill Clinton has declared this week, October 7 to October 13, as an Amateur Radio Week. The White House today faxed a copy of the president's message to ARRL member Darlana Mayo, KB2EPU, of Mt Vernon, New York, who's been working with the White House for several months to get the declaration. Mayo said she wanted the president to ''be aware of our value to the community--particularly in emergencies.'' Mayo--a ham for 10 years--is a member of ARES and RACES, and serves as an assistant director and an assistant emergency coordinator in the Hudson Division.

Here's the text of the White House declaration, which was signed by President Clinton:

Warm greetings to everyone observing October 7 through 13, 1996, as Amateur Radio Week.

In the past century, the medium of radio has changed the way we live and the way we view our world, and Amateur Radio operators have played a vital role in this communications phenomenon. Sharing knowledge and technological expertise, connecting computers via radio equipment, and linking people all across the globe, ham radio operators have helped to make our world a true global village. But even more important, they have provided a crucial lifeline of relief in times of disaster and hardship, ensuring that hope and help are on the way to those in need.

Amateur Radio Week offers us a welcome opportunity to thank our nation's amateur radio operators for their commitment to excellence and their willingness to work for the well-being of others.

Best wishes for a wonderful week.

Mayo is hoping to get the White House to schedule a formal
presentation of the declaration, sometime after the elections.
NNNN
/EX

4767. Re: Is equipment building and repair a lost art? Your comments, please.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: w9sz@prairienet.org
Message-ID: <53hate$hm7@vixen.cso.uiuc.edu>
Source record: 215119

In a previous article, frussle@erols.com (Jake Brodsky) says:

>rdb wrote:
>>
>> 30 years ago, I was enamored by the prospect of soldering together a
>> handful of components and ending up with a functional transmitter,
[snip]
>
>Y'know, I happen to think that Ham Radio never did have very many who
>could really build a rig. What has happened to this hobby is that it
>became much more popular thanks to the much derided Japanese electronics
>industry. But those who homebrew haven't disappeared, they've simply
>been outnumbered.

I think that's pretty accurate ... there have always been a certain
percentage of us who like to build our own gear. The percentage never was
high in my ham history of 29 years, but I think it is even less now.
Nonetheless, there are those of us who thrill on building something and
getting it to work.

>
>Second, the motivation to build gear isn't what it once was. I look at
>building/repairing your gear about the same way as most of us look at
>the shade tree mechanic of yesteryear. It really is more complicated
>now. Things like chips make construction somewhat easier, but the
>reality is that few homebrew radios can approach the low cost and high
>performance of most manufactured equipment. So you do it only because
>you like doing it. Those folks are very few and very far between.

There is a certain percentage of the population who like to PARTICIPATE
in life. People who make bread from scratch, repair their own autos (I
just replaced the clutch in my Colt), build their own electronics. Ham
radio offers the unique opportunity to build radio equipment and USE it
on the air without having to have it government inspected. I don't need a
license to build my own EPROM-burner (which I did) but do need a license
to operate the radio equipment I build, whether it be 160 meters or 5760
MHz.

>
>It also isn't easy getting started. I have an EE from Johns Hopkins.
>Even that isn't really well suited for homebrewing. They don't teach
>this stuff anywhere. You sort of learn it by doing. And to be quite
>honest, I'm not really sure just how one is supposed to teach homebrew
>techniques. It is kind of like trying to teach reason. Or legislate
>quality (Yes, I mean ISO 9000!). People sort of get it or they don't.
>That's a rough thing to say, but I don't know how to say it better.

>
>Thankfully, there are perhaps as many people like this today as there
>ever have been. There just weren't very many to begin with...

Some of the equipment is easier to build these days. The no-tune
transverters for UHF/microwave operation are a dream. What I went through
to try to get a signal on 1296 MHz back in 1972! As mentioned above,
IC's do things now that we only dreamed of back in the late 60's.

I guess what we need is a network of Elmer's who do build their own
equipment, to help newcomers along.

>
>73,
>
>Jake Brodsky, mailto:frussle@erols.com
>PP-ASEL IA, Cessna Cardinal N30946, Based @ MD24
>Amateur Radio Station AB3A
>"Beware of the massive impossible!"
>

73, Zack W9SZ
--

4768. Electrical interference problem???

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: floyd.f.lucas@tek.com
Message-ID: <floyd.f.lucas.71.00337D92@tek.com>
Source record: 215120

I have this buzzing interference all across HF. It is there about
every 180 KHz across the ENTIRE band. Buzzing at a bandwidth
of about 130 KHz and then stopping for about 50 KHz.

I eliminated my house as a possible source. I tried to DF it with a
portable SW receiver and couldn't really nail it down. I don't think
it is the outside lamp posts because they are off during the day.
It was loudest between two street lamp posts on the sidewalk.
I didn't want to venture too far into the neighbor's yard. All of the
power lines are underground. It is very consistent across all
of HF but does get a little weaker in certain portions of the band.
The center of HF seems to be somewhat worse but that could be
due to my antenna. The antenna I'm using is a 80/40 meter combo
dipole.

Does anyone have any ideas as to what it could be?

Maybe someone knows exactly what it is because
of its unusual interfering pattern.

thanks

Floyd

4769. Re: Sodomized by the FCC & Mellon Bank

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: wa7twi@primenet.com
Message-ID: <53hcuv$ghu@nnrp1.news.primenet.com>
Source record: 215121

randyk@emf.net (Randolph Kielich) wrote:

[intense umbrage snipped]

> I sent my application at 5:30 p.m. on wednesday the 18th. at a
>mailbox in front of my Post Office in Berkeley. Later that day I called
>the Post Office at their main branch in Oakland and told them what I had
>done and what my worries were. I was told that "It is virtually impossible
>for your letter to get to P.A. on friday, *maybe* Saturday, with an excellent
>chance on monday the 23rd." "Don't worry it's not possible". When my
>check cleared the bank I though I would now just let go and forget about
>it. Today my first concern has come to haunt me yet again, instead this
>time it's a nightmare come full circle.

[more umbrage snipped]

Sorry, Randy, you blew it. The rules were very explicit.

I don't feel so bad after reading the other comments. I sent my application
on Saturday, September 2 by standard first-class mail. Since my check
cleared on Wednesday, September, 25 I know I at least made Day Two.
Probably even made Day One :-).

You pays your moneys, you takes your chances.

Richard Kendrick CET WA7TWI |
Amateur Radio Extra Class | Do not adjust your mind, there
QRP #4129/G-QRP #8591/MI-QRP #M-1412 | is a fault in reality.
Mesa, AZ email: wa7twi@primenet.com |

4770. Call Format History

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: dmetzger@monroe.lib.mi.us
Message-ID: <dmetzger-0910961845370001@pm159-07.dialip.mich.net>
Source record: 215122

I've returned to ham radio after 27 years, and am having trouble sorting the new call signs. Can anyone direct me to a source listing the history af assignment of the various call formats, and what meanings might have been attached to them. Likely one of the mags did this up at one time.
73 - Dan, K8JWR

4771. Icom IC-Delta 1A

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: David Nord <dnord@inreach.com>
Message-ID: <325C3D71.2FBB@inreach.com>
Source record: 215123
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy

hello all, i need schematics for the pc-to-ht cable, and accompanying
software for the Delta 1A, if you have any info, please e-mail to
dnord@inreach.com
-Thanks
-david KE6NWC

4772. Self Sodomy

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: Michael Herrron <GHURRICANE@gnn.com>
Message-ID: <53hjrv$9ks@news-e2d.gnn.com>
Source record: 215124

Randy, Randy, Randy...You blew it! You were better off a day late than any days early. I can't believe that with all the talk about this for a whole year that everyone is not more prepared and researched in what they are doing. Most mindfull people had there apps in with a private deliverer in gettysburg months ago for only 5 or 10 dollars service fee assuring first day of the gate delivery. I had my app with one since January and have updated the selected calls twice with no problems! Between the ARRL web pages, the FCC web pages, QST, CQ, and the Newsgroups, and almost a year to figure it all out,There is no excuse for not having a good handle on it all!

4773. Re: Is equipment building and repair a lost art? Your comments, please.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDz0oI6.DwJ@netcom.com>
Source record: 215125
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

Well, Roger, I think we may be a dying breed. Homebrewing and repair seem to be, at best, a niche interest among today's hams. A few reasons come to mind:

-- The growth in amateur radio today is in the Technician ranks. Until or unless they upgrade to operate on the HF bands, there is little homebrewing to be done. Most gear is readily available in plug-and-play mode, and conversion of surplus commercial equipment may be as close as many get. I do applaud Ten-Tec for introducting kits for VHF transceivers.

-- The demise of Heathkits is certainly a factor. While it may be argued that this is really assembly as opposed to homebrewing, the satisfaction of powering up a Heathkit and putting some mileage on something that one had a hand in making operable is still there.

-- As you pointed out, complexity of modern ham gear is a factor also. Most hams today don't own/can't afford/can't operate the sort of test equipment needed to service modern, commercially-available equipment such as produced by Icom, Kenwood and Yaesu, so it's back to the factory when they require service. I can remember that the instruction manuals for my Drake R-4/T-4X twins (which I still own and operate) not only had schematic diagrams, but also had alignment instructions. Only a VTVM and an RF Signal generator were required to perform this task; instruments that were common in the ham shack back in the 60s, when I got my General.

As an aside to the complexity issue, here's another problem: some of the newest and best HF transceivers present quite a learning curve, just to operate. When our club bought a new Icom IC-706, one of the problems we OTs discussed was the amount of work necessary to get it up and running. I'm not knocking Icom here, but someone pointed out the complexity of operation of the Icom versus some older Collins and Hallicrafters gear that had been donated to the club by the widow of a SK. On older equipment, most of the controls were located on the front panel, and had similar or identical names even from one brand to another. This is not an insignificant point, when you consider operating Field Day or any other contest, where there are numerous brands and models of transmitting and receiving equipment in use.

We can use the amount of discussion on the rec.radio.amateur.homebrew and the soon-to-come rec.radio.amateur.boatanchors newsgroups as an indication of the state of the homebrew/repair art.

One very avid group of homebrewers and assemblers today is the QRP crowd. I had the pleasure of meeting the famous Zuni Loop gang before Field Day this year, and almost everyone had a project to show. One of the recent projects involves building a 250-mw 40m CW transceiver, all of which fits

into an enclosure the size of a sardine can.

73 de Jim - KF6CR

4774. Re: Is equipment building and repair a lost art? Your comments, please.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: Mike Snowden <mikes@fishnet.net>
Message-ID: <325C29D3.3AD7@fishnet.net>
Source record: 215126
Cross-posted to: rec.radio.amateur.homebrew,,rec.radio.amateur.misc

While I tend to think true homebrew is becoming a lost art, there still is hope for those of us who do like to build gear. I have had no electronics training, except for watching my father build Heathkit projects when I was young. I think the major problem is that back in "those" days, build your own gear was necessary because the gear was not available. As it was stated, homebrew gear does not come close to the features of the import gear. Without the need to build your own, we new hams are not as motivated to learn how to build our gear, then add in the problem of where are we going to go to learn it. I once saw an add for video tape electronics instrustons in a magizine. I been looking for several months trying to find it again, but no luck. Guess there wasn't a market. So we new hams are stuck to tread on our own. Playing doctor on todays gear can be very expensive. I do enjoy the kits still available. My first kit was the Heathkit Weather Station. At that time it was a $650 gamble. That was a lot of money to spend to take a chance of watching it go up in smoke. As it turned out, it worked. It reflects the quality Heathkit but into the instruction manuals. Its been 8 years and its still going. While I build several of the $10 to $20 kits from Ramsey, I am sorry to say,I still do not have a complete understanding of the workings. I am currently build the 2 meter radio kit from Ten-Tec. It was featured in the August issueof 73 Amateur Radio Today magazine. It has shades of Heathkit all over it. And at $200, not a bad deal. I hope other new hams discover the fun of building you own, even though it not true homebrewing.

73 Mike, K6YPB

4775. IPS Daily Report - 09 October 96

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: rwc@ips.oz.au
Message-ID: <53hcoc$1pf@flare.syd.ips.oz.au>
Source record: 215127
Cross-posted to: aus.radio.amateur.misc,ips.solar.activity,rec.radio.amateur.misc,rec.radio.info

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 09/2330Z OCTOBER 1996 BY IPS RADIO AND SPACE SERVICES
FROM THE AUSTRALIAN SPACE FORECAST CENTRE
SUMMARY FOR 09 OCTOBER AND FORECAST FOR 10 OCTOBER - 12 OCTOBER

1A. SOLAR SUMMARY
Activity: Very low

Flares: None

Observed 10.7 cm flux/Equivalent Sunspot Number : 68/2

GOES satellite data for 08 Oct
Daily Proton Fluence >1 MeV: 1.3E+06
Daily Proton Fluence >10 MeV: 1.6E+04
Daily Electron Fluence >2 MeV: 6.5E+06 (normal)
X-ray background: A1.0
Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST
10 Oct 11 Oct 12 Oct
Activity Very low Very low Very low
Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 10 Oct: 68/2

2A. MAGNETIC SUMMARY
Geomagnetic field at Learmonth: Unsettled to active

Estimated Indices : A K Observed A Index 08 Oct
Learmonth 18 3343 4333
Fredericksburg 16 9
Planetary 15 6

Observed Kp for 08 Oct: 1122 1232

2B. MAGNETIC FORECAST
Date Ap Conditions
10 Oct 10 Quiet to unsettled
11 Oct 8 Quiet
12 Oct 6 Quiet

3A. GLOBAL HF PROPAGATION SUMMARY
Latitude Band

Date Low Middle High
09 Oct Normal Normal Normal
PCA Event : None

3B. GLOBAL HF PROPAGATION FORECAST
Latitude Band
Date Low Middle High
10 Oct Normal Normal Normal
11 Oct Normal Normal Normal
12 Oct Normal Normal Normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY
Date T index
09 Oct -2

Observed Australian Regional MUFs:
Darwin: No data.
Townsville: Near predicted monthly values.
Sydney: Near predicted monthly values.
Hobart: 15-25% depressed from 00-12 UT then near predicted
monthly values. Spread F was observed 14-17 UT.

Predicted Monthly T index for October: 10

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST
Date T index MUFs
10 Oct 0 Depressed to 20% during local day for southern
Australian region, otherwise near predicted
monthly values.
11 Oct 5 Near predicted monthly values
12 Oct 5 Near predicted monthly values

--
IPS Radio and Space Services | email: asfc@ips.gov.au
PO Box 5606 | WWW: http://www.ips.gov.au/asfc
West Chatswood NSW 2057 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
tel: +61 2 94148300 | fax: +61 2 94148331

4776. Re: ~FCC closes down all 12 monitoring stations~

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: John Mackey KA0SSF <nowhere@anyplace.net>
Message-ID: <325BE605.5F74@anyplace.net>
Source record: 215128
Cross-posted to: rec.radio.amateur.misc,rec.radio.cb,alt.radio.pirate,rec.radio.scanner

AF4K wrote:

> I tried to contact the FCC monitoring station in Laurel, MD a few months ago
> about a deliberate interference problem I heard on the ham bands.
>
> They ignored my FAX.
> They didn't return my phone call messages.

About 3 years ago I informed the Portland field office of a problem occuring every 15 mins starting @ 5 mins after the hour, every single hour. I tracked the problem down to the Eugene area, but the problem could clearly be heard with a good receiver & antenna 100 miles away in Portland. First they lost the paper complaint & it was not in their log. Then I did another & they said they could not hear anything in their
office using a scanner with the stock antenna on the back. They refused to
do any further investigation. This was on a commercial business freq in 150 MHz. We have also made complaints about ham radio problems right in the Portland area giving them specific time patterns & frequencies but they do nothing.

4777. Re: Sodomized by the FCC & Mellon Bank

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: tcs@cmcorp.com
Message-ID: <53h6eg$93e@newsie.dmc.com>
Source record: 215129

randyk@emf.net (Randolph Kielich) wrote:

> To return briefly to my 610-V, the reason given was that they
>'claim' that it was received 'too early'.

> I sent my application at 5:30 p.m. on wednesday the 18th. at a
>mailbox in front of my Post Office in Berkeley.

Now here's a guy who didn't follow the directions and is bitching
'cause he isn't gonna get served. My guess is he just wanted to test
the system. "Mommy, what if I just put my foot out of my room?"
If your going to be an early adoptor, you get RISK.
I know, you only broke the rules a little, so THEY are stupid.
Grow up!

> E. Randolph Kielich / N6WDV

Tom
WA1RHP
Net Elmer

4778. Re: What is HAM

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: Cecil Moore <Cecil_A_Moore@ccm.ch.intel.com>
Message-ID: <325C000B.277F@ccm.ch.intel.com>
Source record: 215130

mossmann frederic wrote:
> What is HAM ???

In 1952 my Elmer told me it evolved from the Cockney pronunciation
of 'amateur, sort of like h'amateur. IMO, probably evolved similar to
"hamming it up" on stage.

73, Cecil, W6RCA, OOTC (not speaking for my employer)

4779. Re: ARLB072 Amateur Radio Week

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: pschleck@oasis.novia.net
Message-ID: <53hat9$4al@oasis.novia.net>
Source record: 215131

In <$arlb072.1996@arrl.org> w1aw@arrl.org writes:

>SB QST @ ARL $ARLB072
>ARLB072 Amateur Radio Week

>ZCZC AG52
>QST de W1AW
>ARRL Bulletin 72 ARLB072
>From ARRL Headquarters
>Newington CT October 9, 1996
>To all radio amateurs

>SB QST ARL ARLB072
>ARLB072 Amateur Radio Week

>President Bill Clinton has declared this week, October 7 to October
>13, as an Amateur Radio Week. The White House today faxed a copy of
>the president's message to ARRL member Darlana Mayo, KB2EPU, of Mt
>Vernon, New York, who's been working with the White House for
>several months to get the declaration. Mayo said she wanted the
>president to ''be aware of our value to the community--particularly
>in emergencies.'' Mayo--a ham for 10 years--is a member of ARES and
>RACES, and serves as an assistant director and an assistant
>emergency coordinator in the Hudson Division.

>Here's the text of the White House declaration, which was signed by
>President Clinton:

>Warm greetings to everyone observing October 7 through 13, 1996, as
>Amateur Radio Week.

>In the past century, the medium of radio has changed the way we live
>and the way we view our world, and Amateur Radio operators have
>played a vital role in this communications phenomenon. Sharing
>knowledge and technological expertise, connecting computers via
>radio equipment, and linking people all across the globe, ham radio
>operators have helped to make our world a true global village. But
>even more important, they have provided a crucial lifeline of relief
>in times of disaster and hardship, ensuring that hope and help are
>on the way to those in need.

>Amateur Radio Week offers us a welcome opportunity to thank our
>nation's amateur radio operators for their commitment to excellence
>and their willingness to work for the well-being of others.

>Best wishes for a wonderful week.

>Mayo is hoping to get the White House to schedule a formal
>presentation of the declaration, sometime after the elections.
>NNNN
>/EX

Related anecdote:

In Nebraska a few years back there was a huge hue and cry over the Governor's declaration of a "No Meat Week" or similar (A significant part of the state economy is derived from agriculture, and a significant part of that part is cattle ranching). It was more than just the fact that vegetarianism was advocated, the group behind the request was a radical animal rights (as opposed to animal welfare) group of the PETA category.

Turns out that the governor wasn't even aware of his declaration. Governors get so many requests for such things that they've long since delegated them to staff who will routinely approve them and run them through the signing machine. Such was the case in Nebraska.

The fact that there are additional efforts, which may not pan out, to get the White House and the President to make an actual formal presentation suggests that the words "signed by President Clinton" might actually mean "delegated to a staff member with tacit approval, but without necessarily the president's explicit knowledge, who then ran the document through the signing machine."

Realize that I have no ill-will against the current administration, and I certainly don't think that Mayo did wrong (such a declaration may be good at least for our own morale). I'm only pointing out the realities of task delegation undertaken by any modern Chief Executive and his staff, and that one more autopenned document in the blizzard of official documents that the Office of the President deals with on a routine basis may not amount to much in terms of political value.

(And yes, though the task is still delegated, there are now more sanity checks in the system in Nebraska. :-)

--
73, Paul W. Schleck, KD3FU
pschleck@novia.net
http://www.novia.net/~pschleck/
Finger pschleck@novia.net for PGP Public Key

4780. Re: Sodomized by the FCC & Mellon Bank

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: wa7twi@primenet.com
Message-ID: <53i0bh$l1s@nnrp1.news.primenet.com>
Source record: 215132

wa7twi@primenet.com (Richard Kendrick) wrote:

>on Saturday, September 2 by standard first-class mail. Since my check
^^^^^
That should have been September 21. Sorry for the confusion.

>Richard Kendrick CET WA7TWI |
>Amateur Radio Extra Class | Do not adjust your mind, there
>QRP #4129/G-QRP #8591/MI-QRP #M-1412 | is a fault in reality.
>Mesa, AZ email: wa7twi@primenet.com |

Richard Kendrick CET WA7TWI |
Amateur Radio Extra Class | Do not adjust your mind, there
QRP #4129/G-QRP #8591/MI-QRP #M-1412 | is a fault in reality.
Mesa, AZ email: wa7twi@primenet.com |

4781. Re: Is equipment building and repair a lost art? Your comments, please.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: ke4krt@radio.org
Message-ID: <53h8at$ucs@news.radio.org>
Source record: 215133
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

In <53f8km$oq6@news.wko.com>, rdb <rdb@wko.com> writes:
>30 years ago, I was enamored by the prospect of soldering together a
>handful of components and ending up with a functional transmitter,
>receiver or some other magical electronic device. For me that love has
>yet to fade. Recently while discussing the world of homebrew with a ham

>factory-built stuff, lazy hams or whatever you like. My question is this:
>Are we who enjoy the technical aspects of the hobby headed for
>extinction? What do you think?
>Roger,WF4N
>

We're alive and well and nightly (in winter) on 1997.5 kHz. Drop
by sometime. Most who drop by have total homebrew stations.

Phil

+--------------------------------------+
| Phil Heaton, KE4KRT, ke4krt@radio.org |
| Three can keep a secret, if two are dead |
+--------------------------------------+

4782. ARLB071 IARU meeting Part 2

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: w1aw@arrl.org
Message-ID: <$arlb071.1996@arrl.org>
Source record: 215134
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB QST @ ARL $ARLB071
ARLB071 IARU meeting Part 2

ZCZC AG51
QST de W1AW
ARRL Bulletin 71 ARLB071
From ARRL Headquarters
Newington CT October 9, 1996
To all radio amateurs

SB QST ARL ARLB071
ARLB071 IARU meeting Part 2

(Continued from Part 1)

8. The council received a report from the Future of the Amateur Service Committee (FASC). The Committee has completed a review of comments on its initial discussion document and is preparing a further paper on the subject of possible revisions to Article S25 of the international radio regulations, which is expected to be considered at WRC-99.

9. An extensive report on the utility of beacon stations in the Amateur Service was received from an ad hoc committee, and recommendations adopted.

10. The Ad Hoc Communications Planning Committee submitted a detailed report, which recommended increased emphasis on explaining the work of the IARU. A Public Relations Committee will be appointed to carry out this work.

11. The council reappointed to new terms the international coordinators and advisers who report to it on specialized areas of interest. They are: Robert E. Knowles, ZL1BAD, IARU Monitoring System, John G. Troster, W6ISQ, IARU Beacon Project, Hans van de Groenendaal, ZS5AKV, IARU Satellite Adviser, and Christian M. Verholt, OZ8CY, IARU EMC Adviser.

12. The council reversed its previous decision to decouple its meetings from regional conferences, and decided that its next regular meeting would be held in Beijing, China, September 13-15, 1997, following the Region 3 conference.

13. The council confirmed that the theme for World Amateur Radio Day, September 20, 1997, will be ''35 Years of Amateur Radio in Space.''

14. The International Secretariat reported on the status of the IARU Web site, http://www.iaru.org, which is now functionally independent of the ARRLWeb site. The three regional organizations announced plans to establish Web sites of their own, linked to that of the IARU and of those member societies in the respective regions that have established a Web presence.

The members of the Administrative Council are IARU President W1RU, Vice President VK3KI, Secretary W4RA, and regional representatives PA0LOU, SP5FM, VE3CDM, YV5BPG, 9M2SS, and HL1IFM. Additional regional observers invited to be present were 6W1KI, ZS5AKV, VP9IM and JJ1OEY.
NNNN
/EX

4783. Re: Looking for IC

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: bill.shymanski@mwcs.mb.ca
Message-ID: <8C9F4FE.03BB001998.uuout@mwcs.mb.ca>
Source record: 215135

Re: Old ICs - I'm not sure if they have it but that MC 4016 decade counter sounds like something BG Micro near Dallas, Texas would have; they advertise regularly in the hobby electronics magazines (they used to advertise regularly in Computer SHopper before it became just another reviewer of press releases).

Good luck,
Bill
bill.shymanski@mwcs.mb.ca

4784. Re: Goodbye.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: rgn@icanect.net
Message-ID: <53fdjv$mib@news.icanect.net>
Source record: 215136
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.swap,rec.radio.cb

In article <3259E756.5BE4@pacbell.net>,
Dan K Nelson <dknelson@pacbell.net> wrote:
>Ken Bessler wrote:
>> >
>> > (please excuse anty spelling mistakes due to h9gh dosages
if pain killers ad
>> > severe visdion pr4oblems)
>> >
>> > I have4 had several hobnbies im my 32 years and one of
them was Amateur
>> > radio. On monhdaY September 30th, I was critically
injured when falling some
>> > 1-1/2 stories while trying to adjust the guy line on my
Cushcrafh HF
>> > verticall. I just got out of the hospitall today. I have
to go back in opn
>> > monday to get my face ro constructed. I have lost the use
of my lweft eye
>> > because I managed to land head first on a cinder block.
The damage was quite
>> > bad, including some peralisis <sp> of the left side of my
bnody. My nose id
>> > GONE. My kids (4) are scared of me now! is this hobby
worth it? no.
>> >
>> > To hell with this hobby - it's not worth a LIFE.
>> >
>> > Ken bessler KG0WX, GTO268,
"metro"
>> > Erica Besler KB0PWD, GTO269,
"teaser"
>
>Whatever happened to that novel idea of Personal
Responsibility? Although I am truly
>sorry for your misfortune, I have found that in my life, I
have always been either
>directly or indirectly responsible for each of my
"accidents"... Every person plots
>his/her own course in life...
>
>Should we ban cars because of drunks? How about matches
because of fires, or pools
>because of drownings? I think not.

>
><<< DAN >>>

Thank you Dan, I could not have said it better. Again, I am truly sorry for the pain and suffering of this individual. I hope this individual makes a speedy recovery and reconsiders the decision to leave the art of Ham Radio, it is the best hobby I have ever had!

Paul Freidberg, R.N.
KF4LNN

4785. Cellular Motorola /CarKit for old large Handhleld cellphone FOR SALE

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: Scott Smith <smitties@ix.netcom.com>
Message-ID: <325B8E6A.8D9@ix.netcom.com>
Source record: 215137
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateurm.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

For the original Motorola hand held cellphones. Probably could be converted to newer models.
New in the box never used. All packing/accesories/etc. Mounts handleld in car.
Was $500 when new. I'll accept any reasonable/best offer. How about $100???
N2CQQ Scott
smitties@ix.netcom.com

4786. Re: ARRL Elections a Sham, AGAIN!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: clint.bradford@atdbbs.com
Message-ID: <9610091049114813@atdbbs.com>
Source record: 215138

>>The "sin" which Mr. Ruh committed which
>>prevented us from having the opportunity to vote for the much needed
>>change was that he "made money off or Amateur Radio through his
>>magazine."

SO - since Ruh KNEW the rules, why didn't he make the appropriate calls to the ARRL and state his case? And see if an exception was warranted?

4787. Re: ARRL Contest Info

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: Robert Barron <barron@liant.com>
Message-ID: <325BFEC7.4D63@liant.com>
Source record: 215139

Gary Coffman wrote:
>
> In article <325A6FF0.36A0@liant.com> barron@liant.com writes:
> >
> >I would also encourage everyone who thinks the full rules should be in
> >QST to
> >write to the ARRL as well. Any organization functions better when the
> >membership lets its feelings be known.
>
> I thought that the reason for publishing NCJ was to get the contest
> stuff *out* of QST and into a magazine aimed solely at the gaming
> crowd. QEX is intended to get the techie stuff out of QST. (I don't
> quite know what that leaves to be *in* QST except product reviews,
> advertisements, a few columns, and mice type no one reads.)

NCJ started out as an independent publication (from Texas I believe) for
contesters who wanted coverage above and beyond what was offered in QST
and CQ. It continues to serve that purpose. I never heard anything
that
suggested that all contest information would be removed from QST.

As a general purpose magazine I think that QST should cover ALL facets
of
Amateur Radio. That includes contesting, homebrewing and digital
experimentation. If it were to drop any of these I would be greatly
disappointed.

Amateur Radio is a service and a learning hobby. It's hard to learn
about
one facet of Amateur Radio if it's been removed from the largest general
purpose Amateur Radio magazine in the U.S.

73,
Robert KA5WSS
barron@liant.com

4788. Re: Sodomized by the FCC & Mellon Bank

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: pschleck@oasis.novia.net
Message-ID: <53grm8$fij@oasis.novia.net>
Source record: 215140

In <53frve$8gn@northshore.shore.net> mc@shore.net (Michael Crestohl) writes:

>In article <844846953snz@microvst.demon.co.uk>,
>Anthony R. Gold <tgold@panix.com> wrote:
>>In article <53fhdg$p9a@emf.emf.net> randyk@emf.net "Randolph Kielich" writes:
>>
>>> Here is what I am proposing: Get a court ordered injunction to
>>> ------------------------- ================================
>>> halt the processing of this entire charade today. I'm dead serious
>>> == ----------------
>>>

>Yeah, right! Any idea what that's gonna cost ya? You should have sent it
>by EXPRESS MAIL on Friday the 20th like the rest if us.

>Michael Crestohl, KH6KD (W1??)
>mc@shore.net

I do feel sorry for Randy for accidentally getting his application in too early. On the other hand, I agree with Michael that Randy should have understood the rules of the game and taken reasonable, and relatively inexpensive, steps to protect his interests in this transaction, *particularly* in light of this relatively unprecedented, once-in-at-least-several-decades opportunity.

I didn't take any chances. I went down to the post office on Saturday right when it opened at 9 AM. I double-checked my *neatly-printed* 610-V and the attached copy of the license, rechecked the mailing address and instructions while I was in line, filled out an Express Mail address envelope, bought a postal money order for $30 with cash ($30 plus the money order fee of a dollar or so), and sent my application and remittance overnight for $10.75.

After it was delivered, I called the 1-800 number on the receipt to confirm delivery. My package arrived in Pittsburgh on Sunday afternoon and was signed for Monday morning at 11 AM. Perhaps Randy didn't realize the desirability of using an overnight delivery service for its inherent guarantees and automated tracking during delivery. If he had asked at the postal counter and described his needs, perhaps the clerk could have recommended the actions that I took.

So, for want of an extra 12 bucks or so that he didn't spend up front, Randy wants to grind the wheels of government to a halt, potentially sink an enlightened callsign allocation system that took years of petitioning and negotiation with the FCC to obtain, and waste thousands of dollars of his and the public's money initiating a legal process that

will probably get thrown out of court, anyway?

Do what every Joe Citizen who makes a mistake, or suffers from the mistakes of others, does. Be realistic about what you can and can't change in life. Pick yourself up off the floor and resubmit your application using the techniques I described above. You may still have a chance with some calls. At the very least, you might be able to apply for a 1x3 before gates 3 and 4 open.

--
73, Paul W. Schleck, KD3FU (guess what callsign I want :-)
pschleck@novia.net
http://www.novia.net/~pschleck/
Finger pschleck@novia.net for PGP Public Key

4789. Re: Is equipment building and repair a lost art? Your comments, please.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: kc5ng@dlep1.itg.ti.com
Message-ID: <53gtvv$oia@sf18.dseg.ti.com>
Source record: 215141
Cross-posted to: rec.radio.amateur.homebrew,,rec.radio.amateur.misc

Hi, Roger.

I, too, am still quite enamored with homebrewing, modifying, and repairing equipment. I am in my 20th year as a licensed ham, and I have a 2-year degree in EE. I work as a computer programmer, pure software, so all of my EE work is at home, related to hamming.

I am a pure CW operator on HF. I love QRP operating, and I enjoy building QRP equipment from kits and magazine/book articles. I also like restoring "boat anchor" gear, especially old Heath gear. I have a well-stocked junk collection from all my years of doing this, and I have a network of friends who also have similar interests and well-stocked junkboxes that I can raid.

Yes, I think that we are a dying breed, for many reasons.

It is virtually impossible for even an experienced "home technician" like us to repair much of today's ham gear. I had the cover off my TS-870S when I first got it last winter. I took one look inside, and swore I'd never open it again! There's no way I'd attempt to repair it, should it ever develop a problem. Nearly all of today's gear is that complex inside.

While there is always another interesting project or two showing up every month in QST, 73, or one of the other journals, too many of today's hams have little or no electronics background, and many of the articles are of a higher caliber than a beginner would want to attempt. Over the years, a great many construction articles have been related to that other dying art, operating CW. Too few of today's hams have enough serious interest in CW, coupled with their limited technical knowledge, and that makes the old CW rig construction articles worthless. TNCs, ATV, digital stuff, DSP filtering, all are too technical for the beginner. Heck, some of that stuff's too technical for me too! Another problem is a lack of "elmering" by us old-timers (yeah, I know, I'm not really an old-timer by general standards, but 20 years qualifies me as one for the newbies). I try to "elmer" anyone who wants the help, and I know of some others who do the same. But there's sure not as much of it going on as there was ten, fifteen, or twenty years ago. What happened? We sit and complain about the no-code license, VE testing making it too easy to get a ticket, lack of technical knowledge, et cetera, then we sit back and do nothing about it. This could change, but will it? I'm not faulting the newbies. They come from widely varied backgrounds, most of which aren't related to electronics or communications. Nobody knows anything unless they are taught, right? WE need to do the teaching, or it won't get done. Used to be, you had to do your homework to get a ham ticket. We had to KNOW the rules, electronics theory, radio wave propagation principles, and such. We didn't have the question pool available to memorize. That isn't the case any more. You

really don't have to know anything except how to read and memorize things nowadays. I personally think that's a bad thing.

On the bright side, a local ham just built (from scratch!) a super-regen receiver as a project with his two young sons, ages about 7 and 5. They scrounged my junkbox for some of the parts, and bought the rest. Their receiver uses transistors and ICs, but it's still just as hard to tune and fickle to operate as the old two-tubers were. It warmed my heart to see this project go together. They built a wooden box with a Lexan front panel, so you can see all of the components. It's built point-to-point and it's ugly as sin, but it has that certain curious beauty about it, a beauty only a home-brewer can appreciate. (that's a shame)

Suppose the newbie finds a project that he/she wants to build. At least a lot of the projects these days use parts available at Radio Shack or from a mail-order supplier such as Mouser. But let's uppose that this project is not something from last month's QST, but instead is from an old ARRL Handbook from the 1960s. Where is that poor sucker going to find the old style parts to build that whoosy-whatsis? High-voltage parts, tubes, and other old-style parts are too hard to find, and when you do find them, they are way expensive. Too many of the "old timers" have passed on, and their junkboxes (which were filled with wonderful old parts that are now worth their weight in gold) were simply emptied into the dumpster once the commercially-made ham gear was sold off. The resources are drying up.

There's also this perception that anything that doesn't contain a bunch of ICs is not useful, so no one bothers. Hey, tube gear may be old and not sophisticated, but it still works. And, it's still fun to build, even just for the nostalgia value. The digital revolution has brainwashed too many of the new and prospective new hams. The desire these days is for more and more features, and the older gear, whether homebuilt or not, doesn't deliver this. I don't know how to change the perception. Maybe we can't.

I apologize for rambling on so.

Thanks for listening!

73 de KC5NG (Dean)

kc5ng@dlep1.itg.ti.com

PS: I couldn't use the "reply via email" feature due to limitations of my news server, so I hope you actually get to read this. -DWH

4790. My apologies, Ramon...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: pcook@dimensional.COM
Message-ID: <Pine.SUN.3.95.961009165552.6637G-100000@nova.dimensional.com>
Source record: 215142

Hi Ramon:

I can't seem to email you privately, so I'm "emailing" you via r.r.a.m.
instead.

Patrick

---------- Forwarded message ----------
Date: Wed, 9 Oct 1996 16:27:49 -0600 (MDT)
From: Mail Delivery Subsystem <MAILER-DAEMON@dimensional.com>
To: pcook@dimensional.com
Subject: Returned mail: Host unknown (Name server: no.spam.please: host not
found)

The original message was received at Wed, 9 Oct 1996 16:27:47 -0600 (MDT)
from pcook@nova.dimensional.com [206.27.158.11]

----- The following addresses have delivery notifications -----
<rfg.at.nome.dot.net@no.spam.please> (unrecoverable error)

----- Transcript of session follows -----
550 <rfg.at.nome.dot.net@no.spam.please>... Host unknown (Name server: no.spam.please:
host not found)

[snip....]

Hello Ramon:

My humble apologies then. From one amateur to another, I am trying to
keep the ham radio newsgroups free of spam as much as possible as I'm
sure you are, but as you pointed out, posting information on SpamBots
is a rather controversial subject because the concept is so new. I'm
afraid I may have misunderstood your intentions.

Once again, my humble apologies for this misunderstanding. :-)

Patrick Cook, KB0OXD
Denver, Colorado

4791. Re: Why should we learn the code??

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <53fl2e$d5s@news.Hawaii.Edu>
Source record: 215143

Ray Hodgkiss, N9YNG <hodgkiss@kiva.net> wrote:
>
> No other way to communiate? Thats an interesting thought. I would
>imagine that knowing CW would open serious doors in DXing, on all bands,
>when ionospheric conditions are at their worst, kind of like now.

It might be of interest to point out that *all* the DX reports on the 160m email list are due to stations utilizing CW. Not some, not most, but all. Nothing contained in the charter of that list says only CW reports are welcome. Topband DXers just naturally choose code.

Jeff KH2PZ (followup-to: rrap)

4792. Re: question for carl and the no code group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <53fnh0$er5@news.Hawaii.Edu>
Source record: 215144
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Carl Stevenson <carl@ais.net> wrote:
>keinanen@sci.fi (Paul Kein&#65533;nen) writes:

>>Stiffening the requirements after the morse requirement is removed is
>>the same as admitting that today the other requirements have been too
>>easy and that those that have received the licence in the past are not
>>fully competent to build and operate an amateur radio station.

Hi Paul,
I've built my station from scratch. The written test I took 20 years
ago had no bearing on my homebrew ability but having to learn the code
was directly responsible for developing a desire to build. I never would
have attempted to build a SSB rig as my first project but knowing code
gave me a reason to build code gear.

>Paul,
>
>I think you've hit on something ... many (not all) in the old guard
>can't face the possibility of having to admit (to themselves, at least)
>that the tests that they passed are "no big deal" ...

Shoot Carl, I'll be the first to admit the written was no big deal.

(Should there be a comma between "Shoot" and "Carl"? After all, I'd
hate to see someone actually shoot you.)

>they have to have
>a way (the code test) to convince themselves that there's something
>"special" about them, since they know (deep in their hearts) that the
>written tests are a joke and they memorized the answers anyway to squeak
>by with a 75% score ...

I don't believe any of us consider ourselves special. Do you consider
yourself special, Carl?

>As one pro-code fanatic said they can't stand the thought of losing
>their "bragging rights" ...

"One" is singular; "they" and "their" signal plurality. Would you
like to rewrite that sentence? Maybe you meant "One pro-code fanatic
said that he can't stand the thought of losing his `bragging rights'."
Care to attribute that comment to someone? Otherwise, I'll assume
you made it up.

Code will help you to overcome such grammatical errors and fantasies,
you know. =:o

>This is clearly NOT a valid, compelling reason for maintaining a
>backward status quo ...

You still haven't provided a compelling reason to eliminate the
code.

Jeff KH2PZ

4793. Re: ~FCC closes down all 12 monitoring stations~

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-09 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <53gsrm$7n2@news.Hawaii.Edu>
Source record: 215145
Cross-posted to: rec.radio.amateur.misc,rec.radio.cb,alt.radio.pirate,rec.radio.scanner

Andy Domonkos <domonkos@access3.digex.net> wrote:
>au (au@ix.netcom.com) wrote:

>: From Mobile Radio Technology Oct '96:
>: "The FCC has closed all 12 of it monitoring stations. Almost all FCC
>: field offices are equipped for monitoring frequencies at VHF and above.
>: The monitoring stations were additionally equipped to monitor signals
>: in the high-frequency (HF) range. Stations were closed in the
>: following locations: Allegan, MI; Anchorage, AK; Belfast, ME; Douglas,
>: AZ; Ferndale, WA; Grand Island, NE; Honolulu; Kingsville, TX;
>: Livermore, CA; Powder Springs, GA; San Juan, PR; and Vero Beach, FL.

>The FCC doesn't need all these listening stations, it's redundant with all
>the NSA stations in place.

Now Andy, don't be so paranoid as to believe that the NSA monitors hams.
They and the FCC have entirely different missions.

If my marine band xcvr puts out a spur on another channel, I won't get a
pink slip from the NSA, but I surely will (I did) get one from the FCC.

Jeff KH2PZ

4794. Bearcat 50XL

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: jbunch@nyx.cs.du.edu
Message-ID: <53ked6$cta@nyx.cs.du.edu>
Source record: 215006

I have come into possession of a Bearcat 50xl scanner, but have absolutely no clue as to how to program it? I am not even sure if it works? I would really appreciate it if anyone out there could give me some clues on how to use/program it. I purchased it used from someone who no longer had the instruction manual. Also what freq's can it scan?

I dont subscribe to this group so please email all replies. Thanx.

John

--
John B Bunch AT&T I don't want the world, I just want your
5694 Jockey St. UnixPC half.... -TMBG
Galway, NY 12074 Sun 3/50 jbunch@nyx10.cs.du.edu
(518) 882-1799 KB2SIV jbunch@nyx10.nyx.net

4795. Re: ~FCC closes down all 12 monitoring stations~

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: John Mackey KA0SSF <nowhere@anyplace.net>
Message-ID: <325DC1DA.7613@anyplace.net>
Source record: 215007
Cross-posted to: rec.radio.amateur.misc,rec.radio.cb,alt.radio.pirate,rec.radio.scanner

BAYCITVIDGRP wrote:

> to the idiot guy...

shut up fool.

4796. Re: Not a wonderful life, no life.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: hwatson@erinet.com
Message-ID: <53i2m9$if3@eri.erinet.com>
Source record: 215008

Burt Fisher <k1oik@ccsnet.com> wrote:

>Frank Sved wrote:

>> Although I love to disagree with you, Drew, you are quite correct this
>> time around. Burt not only disturbs us here, but on other groups too.

>If you look at my profile, you will see I have a life.
>Look at yours and you have NONE:

>AUTHOR PROFILE: dg198@FreeNet.Carleton.CA (Frank Sved)

> 175 articles posted between 1996/05/09 and 1996/10/08.
> 76 % followups.
> Number of articles posted to individual newsgroups (slightly skewed
>by cross-postings):
> 144 rec.radio.amateur.misc
> 17 rec.radio.swap
> 11 rec.radio.amateur.antenna
> 3 rec.antiques.radio+phono

A life? OK, lets look at it.
Burt's definition of a "typical" ham:

Male - well I think Burt qualifies
Middle age - like it or not you're there Burt
Overweight - hmmm, maybe not
Boring - DEFINITELY
Interested only in self - well, sure get that impression here
Repetitious - uh, are we beginning to see a pattern here?

Thus we have Burt Fisher, the UTH (Ultimate Typical Ham)

You asked, the other night, Burt, how dare I insult you like that.
Well, when you kept your insults limited to "typical" hams or added
"some" hams I didn't mind, and even spoke up for your right to have
such an opinion (of course I STILL support your right to have that
opinion, just as I do my right to express mine that you are the UTH),
but since most, if not all, your recent posts seem inclusive of all
hams I could just as easily ask you the same question.

Personally, I do NOT believe you are half as bad as you make out to
be. I do not pretend to know what your motivation for these attacks
are, although I could make some educated guesses. If I am right, I
would be happy to discuss it in E mail. I would even give my word NOT
to blow your cover if it should turn out that you are really a nice
person, if that is what you wish. <G>

Howard B. Watson Jr. - N3TNQ - hwatson@erinet.com - Springfield, OH

4797. Re: SB200 Information Needed(THANKS)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: John Siegel <JohnASiegel@worldnet.att.net>
Message-ID: <325C4A86.5AB4@worldnet.att.net>
Source record: 215009

Thanks Stan and to the others who have replied by mail (I hope you have
received my individual thanks). Its still possible to get quick and
useful replies from this group in between the endless code/no code wars.
I appreciate all who took the time to reply and I know my Dad will also
appreciate it.
73
John
Stan Aughenbaugh wrote:
>
> John Siegel wrote:
> >
> > Can someone tell me the values of the resistors in the high voltage
> > metering circuit of the SB200. I need to repair my Dad's amp and I would
> > like to have the right components on hand. The schematic lettering is
> > getting a bit small for him but is 3 4.7M resistors right?
> > Thanks es 73
> > John K4BNCJohn,
> Checked my sb-220 schematic (pretty much the same) and it uses
> the 3 4.7meg resistors.
> GL
>
> --
> Stan Aughenbaugh II
> Stan.Aughenbaugh@MCI.com
> stan_a@kktv.com
> Amateur Radio KF0NC
> "90% of all statistics are made up"

4798. Need disneyland repeater frequency

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: Mel_Lau <mlau@ptp.hp.com>
Message-ID: <325DD267.42D8@ptp.hp.com>
Source record: 215010

Hello,

I going to disneyland and I was wonder if anybody konws
the repeater frequencies down there. Is it okay to use the
repeater ??

thanks in advance,
Mel

mlau@mayfield.hp.com

4799. Re: Question for Carl and The No Code Group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <53hm8c$qlf@news.Hawaii.Edu>
Source record: 215011
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Carl Stevenson <carl@ais.net> wrote:
>Ramon ... QSOs/Hz is not a measure of efficiency ... in order to
>mearsure efficiency, you have to measure rate of information transfer
>pre unit of bandwidth occupied. Otherwise, you "have a lot of 'QSOs'"
>but nothing is happening ...
>Carl - wa6vse
(Tech+ for 21 years)

So sending huge files digitally that few will ever read contributes to
a higher rate of efficiency? That seems kind of nutty.

Maybe there should be a measure of content included in this empirical
efficiency rating: Sum(content quality of each QSO) / Hz, so rather than
just counting the nr of QSOs, we sum over their content rating.
But of course content is subjective: If I play a game of chess via CW
and the "Content Police" find chess boring, does that mean I'm not
using the spectrum efficiently?

Lucky for us, no mention of content nor efficiency (however it's defined)
is mentioned in Paragraph 97.1.

Jeff KH2PZ
(Let's see if Carl will respect the followup line in the header...)

4800. Re: What is HAM

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <53hmi2$r04@news.Hawaii.Edu>
Source record: 215012

Cecil Moore <Cecil_A_Moore@ccm.ch.intel.com> wrote:
>In 1952 my Elmer told me it evolved from the Cockney pronunciation
>of 'amateur, sort of like h'amateur. IMO, probably evolved similar to
>"hamming it up" on stage.

It's first recorded use in print was in 1912 (see the rram archives
from last year).

Jeff KH2PZ

4801. Re: ~FCC closes down all 12 monitoring stations

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <53hobf$scb@news.Hawaii.Edu>
Source record: 215013

Bert <bertb@netjava.com> sort of wrote:
>Cecil Moore <Cecil_A_Moore@ccm.ch.intel.com> sort of wrote:

>>> Only the very brilliant few will remain useful

>>As long as they have a microphone, there is nothing to fear. :-)

>Heh heh heh heh <ROFLMAO>
>One has to sometimes wonder if we would but only send a handful of
>well versed Amateurs (with mics in hand) to the third world, could
>we end poverty and plage in one fell sweep?

I took the liberty to change a couple words above ("have a microphone"
was "know Morse code", and "mics" was "keys"). Sounds as just ridiculous
as before.

Jeff KH2PZ (Remember, voice as a mode is just about as old as Morse
keyed via CW)

(please allow the followups to proceed to rec.radio.amateur.policy;
Bert and Cec: your original comments went out on the .cb, .pirate,
and .scanner newsgroups - note the header prior to posting)

4802. Re: Not a wonderful life, no life.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: jxs2151@shore.intercom.net
Message-ID: <53hfno$6hh@shore4.intercom.net>
Source record: 215146

You don't even wanna know what Burt's profile looks like at Deja News.
Although I have a strong suspicion that the articles to the sex groups were
forged.

Jeff

In article <53gase$7bl@freenet-news.carleton.ca>, dg198@FreeNet.Carleton.CA
(Frank Sved) wrote:
>
>Burt Fisher (k1oik@ccsnet.com) writes:
>> Frank Sved wrote:
>>
>>
>>> Although I love to disagree with you, Drew, you are quite correct this
>>> time around. Burt not only disturbs us here, but on other groups too.
>>
>>
>> If you look at my profile, you will see I have a life.
>> Look at yours and you have NONE:
>>
>> AUTHOR PROFILE: dg198@FreeNet.Carleton.CA (Frank Sved)
>>
>>
>> 175 articles posted between 1996/05/09 and 1996/10/08.
>> 76 % followups.
>> Number of articles posted to individual newsgroups (slightly skewed
>> by cross-postings):
>> 144 rec.radio.amateur.misc
>> 17 rec.radio.swap
>> 11 rec.radio.amateur.antenna
>> 3 rec.antiques.radio+phono
>>
>>
>> .-.
>> // ,. \\ / \ .-. .
>> \\ ( ) // / \ / \ .-. _ .-. /
>> \>-'`-</ /--Burt Fisher K1OIK@ccsnet.com-\---/-\---/---\-----/--
>> ( )( ) \ / \ / `-' `-' \ /
>>) (\ / `-' `-'
>> / \ `-'
>> \ /
>> \/ / <----- Hams this is a female
>> (<
>> \ |
>

>Correct again Burt. I choose not to post to groups like ALT.SEX.TEENS
>
>Do tell us hams if this female up there is over 16?
>
>--
>
>
> Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

4803. Re: How to find list of available Extra vanity calls?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: n3kfn@warwick.net
Message-ID: <325c474e.1491435@news.warwick.net>
Source record: 215147

Here's a very excellent list of all available 1x2 plus 2x1 callsigns
that is updated daily.
http://www.qrz.com/vanity.html

On 9 Oct 96 09:08:21 GMT, David Haas <d_haas@204.213.51.2> wrote:

>Yes KA9FOX has it on his page and lots more good stuff. The address for
>the available call signs is
><http://www.qth.com/ka9fox/available_calls_1.txt> but be sure to check
>our the rest of the page also
>

73 es DX,
Mike D'Alto, N3KFN http://www.geocities.com/CapeCanaveral/1641

4804. Re: NEED INFO ON GE PORTAMOBILE 49MHZ RADIO

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <53hej8$u0m@usenetw1.news.prodigy.com>
Source record: 215148

dwhowell@iamerica.net (dwh) wrote:
>
>Hello,
> We have a GE Portamobile Radio on 49Mhz. Is anyone familar with
>this radio? All we have is the radio on 49.180 Mhz and the AC
>powersupply that clips on to the bottom. The radio does transmit 10
>watts but we do not have a receive xtal. The model # is HN44LA833
>TX data ET61A and RX data is ER43A. Any info would be appreciated.
>Will the radio tune up on 6M? Does anyone have realigning
>instructions? Copies of the service manual?
>
>Thanks
>AB5LG
>

If you can get the TX frequency up in the 49.6-50Mhz range, you can have
a lot of fun "talking" to your neighbors on their cordless phones! <g>

-Drew in Sunny Central Florida-
KF4DDM

4805. Re: General to Advanced.. re-take code test?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: ae4ko@magicnet.net
Message-ID: <53hpne$52d@comet3.magicnet.net>
Source record: 215149

Cecil Moore (Cecil_A_Moore@ccm.ch.intel.com) wrote:
: gary@carcs1.wustl.edu wrote:
: > For instance, suppose I take and pass the advanced class exam
: > five years later. Will I have to retake the 13 wpm code test?

: Nope, CW tests are somewhat like born-again Christians. Once saved,
: always saved. Once passed, always passed.

: 73, Cecil, W6RCA (not speaking for my employer)

Err, unlike Christians who have everlasting salvation, _all_ test
credits are given in the form of Certificates of Successfull Examination,
better known as a CSCE. CSCE's are valid for 365 days, whether given for
theory, code, or both. Accumulation of the proper credits translate into
a license based on those credits (i.e. a particular class of license).

Simply, Gary has a bit less than a year to pass the General theory
(element 3B) to make that code test "permanent".

In Gary's case, he is currently a Tech Plus. This gives him automatic
credit for elements 1A, 2, and 3A. These are good for the duration of
his license. He recently passed element 1B. This in conjunction with
element 3B is enough for a General class license. Gary _must_ pass
element 3B by the time his CSCE for 1B expires, or he will have to pass
1B (or 1C) again. Once that is done, he will hold the class of General
(all salute, please!) and the credits for 1B and 3B will become "permanent".
Further advancment can be achieved by passing element 4A, which is the
only additional requirement for Advanced class.

There is an instance where a CSCE for code _is_ permanent, but since the
advent of the Tech Plus license, code CSCE's are only good for 1 year.

73 de AE4KO, ARRL Accredited VE

P.S. I would also like to strongly recommend continuing to study to
pass the 1C (20 wpm) code exam; it's easier now than waiting a few
years! The theory for the extra class is relatively easy! That is,
of course, after Gary passes the General and Advanced theory exams!

--
ae4ko@magicnet.net
Orlando, FL If you apply the super-string theory
to a rubber-sheet universe, do you get a bungee cord?

http://www.magicnet.net/~ae4ko/home.html

4806. Re: Sodomized by the FCC & Mellon Bank

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <53huss$6l1@abyss.West.Sun.COM>
Source record: 215150

In article <53fhdg$p9a@emf.emf.net>, Randolph Kielich <randyk@emf.net> wrote:

[...]

> Beyond all boundaries of comprehension and thought, my 610-V
>form for my 1 by 2 call sign was returned to me with a letter of
>"Dismissal". I started talking out loud to myself in the Post Office
>i.e. "Dildos"! God damn ignorant, incompetent, bungling "Dildos"! I knew
>I had been 'Sodomized' by the FCC & Mellon Bank and possibly the
>Post Office itself as well, and I was right.

Are you practicing to write a screenplay? You sent a form in too
early. Deal with it. It ain't a big crisis.

[Griping, whining and accusations deleted]

> Here is what I am proposing: Get a court ordered injunction to
> -------------------------- ================================
>halt the processing of this entire charade today. I'm dead serious
>== ----------------

What? You sent your form in too early, the US Post Office committed
a grave error by delivering a letter *too quickly* and now you want
to litigate?

Oh, goodness. It is just a callsign, it isn't like a real crisis.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

4807. Heath SB-1400 / Yaesu FT-747GX

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: an691942@anon.penet.fi
Message-ID: <53hs8e$k7h@ramp2.tir.com>
Source record: 215151

I am interested in knowing of any modifications for this rig... I know of one to unlock the XMT frequency limitations, but am curious to

know if there are any mods to make this nice little rig perform better.

Thanks, and 73's
N8DRF

4808. hi...please

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: jamal <jamal1@cris.com>
Message-ID: <325C8814.3E8D@cris.com>
Source record: 215152

HI ALL!
I'm a guy who loves anything related
to wireless devices,..I'm an old electronics hobbiest..
I successfully made,and designed transmitters ,receivers,
special tuning circuits,...
but I'm of poor information and experience in the legal,and
formal things like(call sign,fcc,...)
please tell me the best,the fastest ways to get
started in,introduced to, the amateur radio wonderful world...
..any advice to get the linsence easily and smoothly.
is it possible to use the 555 timer as a transmitter oscillator?
how to use a crystal in a "Colpetz oscillator"(I'm not sure of the
spelling).
sorry for my silly-like questions,please accept me a new
friend to the hams world.Thank you all!!

4809. Re: Sodomized by the FCC & Mellon Bank

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: anthonys@ix.netcom.com
Message-ID: <53i683$r11@dfw-ixnews10.ix.netcom.com>
Source record: 215153

In <53fhdg$p9a@emf.emf.net> randyk@emf.net (Randolph Kielich) writes:
>
>
> I went to my post office today to check on my mail. I
wondered
>what the heck a large fat letter from the FCC was doing in my box.
>After I looked at the address I knew I was in for a living nightmare.
>
> Beyond all boundaries of comprehension and thought, my 610-V
>form for my 1 by 2 call sign was returned to me with a letter of
>"Dismissal". I started talking out loud to myself in the Post Office
>i.e. "Dildos"! God damn ignorant, incompetent, bungling "Dildos"! I
knew
>I had been 'Sodomized' by the FCC & Mellon Bank and possibly the
>Post Office itself as well, and I was right.
>
> If you think or believe that I am just one of the 'rare' few
to
>be 'Sodomized' just wait as the real fun has not even begun in earnest
>yet.
>

Whine - whine - whine. Sodomized? Dildos? Me thinks Randy uses
typical Berzerkely language without the slightest idea of meanings!
And it's typical of Berzerkely heads to attack, attack first without
admitting any possibility of self-wrong. Your "fun" is over, Randy.
Time for you to sulk petulently in quiet remorse.

That's the way it is, folks.

W6ANV in San Francisco

4810. Re: What is HAM

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: steve <kd6fyk@wco.com>
Message-ID: <325CA87A.137D@wco.com>
Source record: 215154

mossmann frederic wrote:
>
> Hello...
>
> NO NO NO, it's NOT a joke...
>
> I'm a french HAM [F1UIH] and I want to know something...
>
> What is HAM ???
>
> H.A.M. ???
>
> OK, it's a stupid question for you, but I ask many french HAMs, and...
> "Euhhh... It's Radio-Amateur..."
> "But why H.A.M."
> "Because... euhhh... I don't know"
>
> [not found in the rec.radio.amateur.misc FAQ]
>
> Thank you... 73 from France...
>
> Frederic Mossmann - Strasbourg - France - F1UIH

i was told there was a magazine around 1908 called Home Amateur Mechanic.
hope this helps.
73 steve

4811. Re: GMRS License Application

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: Bob Winingham <kc5ejk@onramp.net>
Message-ID: <53ibiu$8s0@news.onramp.net>
Source record: 215155

>Does anyone know where I can get a GMRS license application?

Radio-Shack

4812. Re: It's Time to Drop All CW Testing

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: steve <kd6fyk@wco.com>
Message-ID: <325CA71B.3D07@wco.com>
Source record: 215156

William C. (Bill) Wells wrote:
>
> Gentlemen:
>
> I am a 33 year veteran of ham radio and have held an Amateur Extra Class
> License for many years so I guess you could say that I have a know code
> license. Both times when the no code license proposals came up before
> the FCC I filed comments in opposition to the creation of such a
> license. But when a no code technician class license was finally
> adopted, my attitude was this: "It is now the law of the land and it is
> up to us to make it work."
>
> I was heading up the VE operations of my local radio club and so I saw
> first hand just what the no code license brought into ham radio in the
> way of applicants. I was, in general, quite impressed with the quality
> of the applicants that I was seeing. Sure, in any crowd there are a few
> bad apples but ham radio already had "bad apples." If you don't believe
> me, just listen to 14.313 MHz or 3.8945 MHz. The persons involved in
> the escapades on these frequencies are for the most part Extra Class.
>
> Back in the early days of radio a code test was unnecessary because that
> was the only means of communications available so it was learn the code
> or not be involved. Later, the primary justification for ham radio was
> "training" so code testing became important so ham radio could fulfill
> its mission and provide trained telegraphers to the military, the
> government, and private industry.
>
> Now, the military and the government have abandoned CW. The Department
> of Defense has even banned CW on MARS frequencies as of October 1, 1996.
> GMDSS has all but eliminated CW from the high seas. The US Coast Guard
> no longer even monitors the international CW distress frequency, 500
> KHz. Now the only places where one finds CW in use is automated
> satellite IDers, automated IDers in the private land mobile service
> (when they are even used), airport NDBs (and the pilots don't know morse
> code, they have books with the dots and dashes written out for them),
> and ham radio.
>
> The face is that now Morse code is nothing but a dead relic. Sure,
> there are some who still enjoy it. I even spend some time using it. I
> am particularly fond of the 160 meter CW contest. But as a testing
> requirement, it's day should be over.
>
> I realize that this will take a change in ITU regulations but I expect
> this to come about soon, by 1999 at the latest. As soon as the ITU

> drops the requirement, I expect the FCC to do the same.
>
> Lets all be constructive, eliminate all the bandwidth being devoted to a
> debate over the merits ow CW in the 90s and beyond and start to discuss
> the implementation of the no code HF license which will come sooner or
> later. (I'm betting on sooner.)
>
> 73, Bill Wells - WA8HSU
> wa8hsu@netusa1.net

thank you bill for the support in good (common)sense.some of us(carl
and gary)to name a few need more good hams to show the way.
now if we can just get jim and jeff to buy in,it will fly.
73 steve cm88ll 50.110/1296.1 no cw,thank you

4813. QSY'er...?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: impo@telcom.es
Message-ID: <N.101096.104128.92@noname>
Source record: 215157
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Hello...

Im looking for a possibility to by QSY'er for FT747GX and FT757GX.
Can anyone help me with an adress.
My dealer in Germany told me in europe it's impossible to get some.

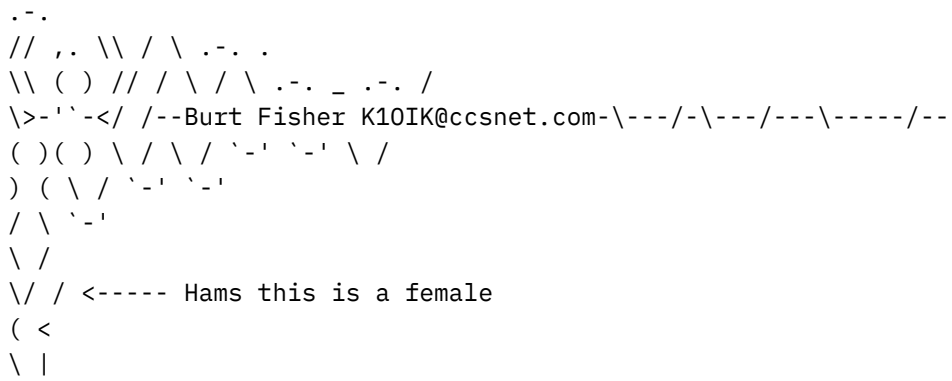
73 de Uwe DF8MM (/EA1)
La Coruna - Spain

4814. Re: Not a wonderful life, no life.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <325CCD7D.73BC@ccsnet.com>
Source record: 215158

Jeff Stevenson wrote:
>
> You don't even wanna know what Burt's profile looks like at Deja News.
> Although I have a strong suspicion that the articles to the sex groups were
> forged.

They were.
I am not stupid.



4815. Re: Not a wonderful life, no life.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <325CCE4A.21C2@ccsnet.com>
Source record: 215159

Howard Watson wrote:

> but since most, if not all, your recent posts seem inclusive of all
> hams I could just as easily ask you the same question.

I never meant my posts to apply to ALL hams, just almost all.
I should make that clearer.

> Personally, I do NOT believe you are half as bad as you make out to
> be. I do not pretend to know what your motivation for these attacks
> are, although I could make some educated guesses. If I am right, I
> would be happy to discuss it in E mail. I would even give my word NOT
> to blow your cover if it should turn out that you are really a nice
> person, if that is what you wish. <G>

My motivation is to do the impossible, to get hams to think.
There are some people that think I am nice, a couple are hams.

```
.-.
// ,. \\ / \ .-. .
\\ ( ) // / \ / \ .-. _ .-. /
\>-'`-</ /--Burt Fisher K1OIK@ccsnet.com-\---/-\---/---\-----/--
( )( ) \ / \ / `-' `-' \ /
) ( \ / `-' `-'
/ \ `-'
\ /
\/ / <----- Hams this is a female
( <
\ |
```

4816. Look who is in my shack

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <325CCEB1.31F3@ccsnet.com>
Source record: 215160
Body handling: Binary attachment payload not displayed: Judyshac.gif

```
--

.-.
// ,. \\ / \ .-. .
\\ ( ) // / \ / \ .-. _ .-. /
\>-'`-</ /--Burt Fisher K1OIK@ccsnet.com-\---/-\---/---\-----/--
( )( ) \ / \ / `-' `-' \ /
) ( \ / `-' `-'
/ \ `-'
\ /
\/ / <----- Hams this is a female
( <
\ |
```

[One or more binary attachments are retained only in the source text.]

4817. Re: Is equipment building and repair a lost art? Your comments, please.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: w7el@teleport.com
Message-ID: <53inj3$i8v@nadine.teleport.com>
Source record: 215161
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

In article <jlowmanDz0oI6.DwJ@netcom.com>,
jlowman@netcom.com (Jim Lowman) wrote:
> . . .

>One very avid group of homebrewers and assemblers today is the QRP crowd.
>I had the pleasure of meeting the famous Zuni Loop gang before Field Day
>this year, and almost everyone had a project to show. One of the recent
>projects involves building a 250-mw 40m CW transceiver, all of which fits
>into an enclosure the size of a sardine can.

The QRP folks are almost certainly the most homebrew-oriented hams today.
Some of the journals, most notably SPRAT (G-QRP Club) are packed with
homebrew ideas and projects. But this is changing rapidly. An experience I
had at Dayton this year was enlightening.

At the Dayton QRP banquet, the MC said it would be interesting to know what
kinds of rigs people were using. He then asked how many people were using
the NorCal 40, HW-8, and so forth, naming each commercial rig or kit in
turn. (There was quite a list.) Finally, he asked if he had forgotten any
types. I meekly mentioned "homebrew". He hadn't thought of asking! Out of
150 or so people in the room, a handful (fewer than 10) raised their hands.

That evening or the next there was a judging of some homebrew rigs, and
several were beautiful or downright ingenious. But homebrewers are in a
large minority even among the QRP crowd -- in the U.S. at least.

Roy Lewallen, W7EL

4818. Re: Not a wonderful life, no life.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <53inad$1s1@freenet-news.carleton.ca>
Source record: 215162

Burt Fisher (k1oik@ccsnet.com) writes:
> Frank Sved wrote:
>>
>> Correct again Burt. I choose not to post to groups like ALT.SEX.TEENS
>>
>> Do tell us hams if this female up there is over 16?
>
> Is there such a group?
> You seem to know.

Yes Burt I know. As I've said, "I" choose not to post to them for the
simple fact that I don't have a life.

How about you?

--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

4819. Re: Plate voltages

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: Robert Ganter <ganter@ens.ascom.ch>
Message-ID: <325CA6CF.5FBF@ens.ascom.ch>
Source record: 215163
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

macino@ibm.net@smtp-news2.ibm.net wrote:
>
> maybe some local old timer may have the Eimac 'Care and Feeding of Power
> Grid Tubes'. It does a great job of explaining the whole deal with load lines,
> impedances, and all. They're not too tough to understand. Only the Gate 2
> Vanity Call operation is beyond comprehension. Cheers!

Do they still sell this book (or booklet) ? I would be very interested.
If it is not available anymore, could someone photocopy it?

Regards

Robert HB9NBY

4820. Re: FCC Issuing Vanity Calls?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: Cassandra <clr@iac.net>
Message-ID: <53hufl$28h@cheyenne.iac.net>
Source record: 215164

tgold@microvst.demon.co.uk ("Anthony R. Gold") wrote:
>In article <3259DC77.357F@thecore.com> retep@thecore.com "Pete" writes:
>
>> Was looking through latest FCC licensing activity and see a number of
>> previously available call signs have been assigned. One in particular
>> W5DX, leads me to believe that the issuing process has begun. Anybody
>> have any info?
>
>Yes the issuing process has begusn. but not yet for Gate 2. W5DX was
>re-issued prior to Sept 23 under an earlier gate.

If you have questions, try the FCC web site. If you can't find the answers to your questions there, I suggest that you e-mail Dorothy Conway at the FCC (dconway@fcc.gov). She answered all of my questions many months ago as to what and how though the when was delayed for an eternity. I received my former call and the response time was approximatly 10 days. Excellent by most government standards.

Cassandra WD8DPO again!

4821. Re: Not a wonderful life, no life.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <53inoq$2cd@freenet-news.carleton.ca>
Source record: 215165

Burt Fisher (k1oik@ccsnet.com) writes:
>
> My motivation is to do the impossible, to get hams to think.
> There are some people that think I am nice, a couple are hams.

tell it like it is Burt. Your motivation is a sour, bitter, twinkie.
--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

4822. Re: ~FCC closes down all 12 monitoring stations~

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: tyler@cyberia.com
Message-ID: <53iplv$pnl@news3.microserve.net>
Source record: 215166
Cross-posted to: rec.radio.amateur.misc,rec.radio.cb,alt.radio.pirate,rec.radio.scanner

>but they do nothing.
>
>Yea, it looks like the same will happen about the interference between you
and cheek....pretty much a regular kind of thing.

4823. Re: Not a wonderful life, no life.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: Bill Henderson <bill.henderson@zetnet.co.uk>
Message-ID: <19961010105506692 78@zetnet.co.uk>
Source record: 215167

In message <325B78E7.76F1@ccsnet.com>
Burt Fisher <k1oik@ccsnet.com> writes:

> .-.
> // ,. \\ / \ .-. .
> \\ ( ) // / \ / \ .-. _ .-. /
> \>-'`-</ /--Burt Fisher K1OIK@ccsnet.com-\---/-\---/---\-----/--
> CENSORED \ / \ / `-' `-' \ /
>) (\ / `-' `-'
> / \ `-'
> CENSORED
> \/ / <----- Hams this is a female
> (<
> \ |

Burt

Please stop posting dirty pictures. Most of us, right thinking
people, find it offensive.
--
Bill Br of Cally, Perthshire, Scotland
e-mail bill.henderson@zetnet.co.uk
packet GM0VIT@GB7YEW.#79.GBR.EU

4824. Boxboro Convention...Dissapointment?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: n1btq@tiac.net
Message-ID: <53iqpb$o25@news-central.tiac.net>
Source record: 215168

Any opinions on this year's convention and the competition with Hoss Traders?

73,

Tim N1BTQ

4825. Re: What is HAM

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: Stan Vandiver <kd9be@pla-net.net>
Message-ID: <325D0A40.13DB@pla-net.net>
Source record: 215169

mossmann frederic wrote:
>
> Hello...
>
> NO NO NO, it's NOT a joke...
>
> I'm a french HAM [F1UIH] and I want to know something...
>
> What is HAM ???
>
> H.A.M. ???
>
> OK, it's a stupid question for you, but I ask many french HAMs, and...
> "Euhhh... It's Radio-Amateur..."
> "But why H.A.M."
> "Because... euhhh... I don't know"
>
> [not found in the rec.radio.amateur.misc FAQ]
>
> Thank you... 73 from France...
>
> Frederic Mossmann - Strasbourg - France - F1UIH

Here's a copy of what I picked up on packet some time back... because of
its "old"
source info, it sounds very plausible to me.
73, Stan/KD9BE

From : KB7LYM
To : INFO@WW
Type/status : B$
Date/time : 21-May 00:35
BID (MID) : 45052_K7SKW
Message # : 9975
Title : WHERE " HAM " CAME FROM !
Path:
!KA9WMW!K9ZEV!N5AAA!KD5SL!KE0WO!F6CNB!OH6RBV!OH3RBR!VE4KV!VE7ROB!K7SKW!

******** WHY AN AMATEUR RADIO OPERATOR IS CALLED A "" HAM """
****
==========
IT GOES LIKE THIS - THE WORD HAM WAS APPLIED IN 19O8 AND AWS THE CALL
LETTERS
OF ONE OF THE FIRST AMATEUR WIRELESS STATIONS OPERATED BY SOME MEMBERS
OF THE

HARVARD RADIO CLUB.THEY WERE ALBERT S. HYMANN,BOB ALMY AND PEGGIE
MURRAY.AT
FIRST THEY CALLED THEIR STATION HYMAN - ALMY - MURRAY.TAPPING THIS OUT
ON CODE
CALLED FOR A REVISION AND THEY CHANGED IT TO HY - AL - MU, USING THE
FIRST TWO
LETTERS OF EACH NAME.EARLY IN 19O9,SOME CONFUSION RESULTED BETWEEN
SIGNALS
FROM AMATEURS WIRELESS HYALMU AND A MEXICAN SHIP NAMED HYALMO,SO THEY
DECIDED
TO USE ONLY THE FIRST LETTER OF EACH NAME AND THE CALL BECAME " HAM ".
IN THE EARLY PIONEER UNREGULATED DAYS OF RADIO,AMATEURS PICKED THEIR OWN
FREQUENCY AND CALL LETTERS.SOME HAD,AS NOW BETTER SIGNALS THAN SOME
COMMERCIAL
STATIONS.THE RESULTING INTERFERENCE CAME TO THE ATTENTION OF
CONGRESSIONAL
COMMITTEES IN WASHINGTON AND THEY GAVE MUCH TIME TO PROPOSED LEGISLATION
DESIGNED TO CRITCALLY LIMIT AMATEUR ACTIVITY.IN 1911 ,ALBERT HYMANN
CHOSE THE
CONTROVERSIAL WIRELESS REGULATION BILL AS THE TOPIC FOR HIS THESIS AT
HARVARD.
A COPY WAS SEND TO SENATOR DAVID WALSH.THE SENATOR WAS SO IMPRESSED,HE
SEND
FOR HYMAN TO APPEAR BEFORE THE COMMITTEE.HE WAS PUT ON THE STAND AND
DESCRIBED
HOW THE LITTLE AMATEUR STATION WAS BUILT AND HE ALMOST CRIED WHEN HE
TOLD THE
CROWDED COMMITTEE ROOM THAT IF THE BILLWENT THROUGH,THEY WOULD HAVE TO
CLOSE
UP THE STATION BECAUSE THEY COULD NOT AFFORD THE LICENCE FEES AND ALL
THE
OTHER REQUIREMENTS WHICH WERE SET UP IN THE BILL.THE DEBATE STARTED AND
THE
THE LITTLE STATION " HAM " BECAME A SYMBOL OF ALL THE LITTLE AMATEUR
STATIONS
IN THE COUNTRY CRYING OUT TO BE SAVED FROM MENACE AND GREED OF THE BIG
COMMERCIAL STATIONS WHO DIDN,T WANT THEM AROUND.FINNALY,THE BILL GOT TO
THE
FLOOR OF CONGRESS AND EVERY SPEAKER TALKED ABOUT THE POOR LITTLE STATION
~HAM~
THAT,S HOW IT ALL STARTED.YOU WILL FIND THE WHOLE STORY IN THE
CONGRESSIONAL
RECORD.NATIONWIDE PUBLICITY ASSOCIATED STATION " HAM " WITH AMATEURS.
FROM THAT DAY TO THIS AND PROBABLY TO THE END OF TIME,IN RADIO,AN
.....
A M A T E U R I S A "" H A M "" Reprinted from Mike and Key,
and
Florida Skip. 73 Frank
KB7LYM

4826. Re: Dealing with pigs (hams).

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: prvalko@saturn.acs.oakland.edu
Message-ID: <53is99$78i@news2.acs.oakland.edu>
Source record: 215170
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Kevin Potter (us66kix@west.net) wrote:
: Is there a contest-free weekend anytime during the year?

I don't think so. But there are WARC bands.

73 =paul= wb8zjl
ZZ

4827. HamWindows web/email address?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: abeato@ibm.net
Message-ID: <53itn5$1l9a@news-s01.ca.us.ibm.net>
Source record: 215171

Do you have an email and/or we address for HamWin software people?

4828. CW Forever

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: cookt@ouvaxa.cats.ohiou.edu
Message-ID: <Dz2AC5.BIB@boss.cs.ohiou.edu>
Source record: 215172

Yea I was forced to learn CW to get my license just like most of you. I have come to really like using CW with low power and little or no interference on the HF bands. Listenting for my call in the noise after calling CQ is what I live for. So for me, Long Live CW... WB8BCO

4829. NEED INFO ON GE PORTAMOBILE 49MHZ RADIO

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: dwhowell@iamerica.net
Message-ID: <53j2gq$pje@news1.iamerica.net>
Source record: 215173

Hello,
We have a GE Portamobile Radio on 49Mhz. Is anyone familar with this radio? All we have is the radio on 49.180 Mhz and the AC powersupply that clips on to the bottom. The radio does transmit 10 watts but we do not have a receive xtal. The model # is HN44LA833 TX data ET61A and RX data is ER43A. Any info would be appreciated. Will the radio tune up on 6M? Does anyone have realigning instructions? Copies of the service manual?

Thanks
AB5LG

4830. Build Your Own

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: john fleenor <jlfleenor@why.net>
Message-ID: <325D2C96.3CB@why.net>
Source record: 215174

visit john's ham page at http://www.why.net/home/jlfleenor for web page graphics, ham software, ham links, electronic projects, and more!

4831. Re: Is equipment building and repair a lost art? Your comments, please.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct10.141715.4459@ke4zv.atl.ga.us>
Source record: 215175
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

In article <jlowmanDz0oI6.DwJ@netcom.com> jlowman@netcom.com (Jim Lowman) writes:
>Well, Roger, I think we may be a dying breed. Homebrewing and repair seem
>to be, at best, a niche interest among today's hams. A few reasons come to
>mind:
>
>-- The growth in amateur radio today is in the Technician ranks. Until or
>unless they upgrade to operate on the HF bands, there is little homebrewing
>to be done. Most gear is readily available in plug-and-play mode, and
>conversion of surplus commercial equipment may be as close as many get. I
>do applaud Ten-Tec for introducting kits for VHF transceivers.

I think many of today's Techs (and other classes) aren't homebrewing.
Part of the reason for that is many of them are new to amateur radio
and aren't quite sure of their skills and knowledge yet, IE they're
a bit intimidated by the thought of building their own equipment. And
part of it is the wealth of available off the shelf equipment, so there
is no pressing need to build. But I take issue with the idea that you
must be on HF to homebrew.

Homebrewing becomes easier as you go up in frequency. There are
several good reasons for that. Stripline circuit boards remove
many of the stray problems, eliminate messy discrete inductors,
and favor the much easier to use SMD parts. Harmonic suppression
becomes easier as well. And most beginning VHF+ projects are FM.
That simplifies many things. The IF operates with hard limiting,
so AGC systems aren't required. The demodulators are nearly
foolproof, and easily tuned up by ear. Frequency stability
tolerances are relaxed. Etc.

And there are many good ICs which offer complete FM IF subsystems,
complete demodulators, etc. And there are good packaged mixers,
cheap and stable MMIC gain blocks, and even a number of electronically
tunable LO sources. On the transmit side, there are hybrid PA modules
available that are stable, 50 ohms in and out, and offer power outputs
in the 5 to 50 watt range when driven by low level inputs.

I build a lot of quick projects to test new ideas, and it is much
easier to do so at VHF+ than at HF.

>-- As you pointed out, complexity of modern ham gear is a factor also. Most
>hams today don't own/can't afford/can't operate the sort of test equipment
>needed to service modern, commercially-available equipment such as produced
>by Icom, Kenwood and Yaesu, so it's back to the factory when they require
>service. I can remember that the instruction manuals for my Drake R-4/T-4X
>twins (which I still own and operate) not only had schematic diagrams, but

>also had alignment instructions. Only a VTVM and an RF Signal generator
>were required to perform this task; instruments that were common in the ham
>shack back in the 60s, when I got my General.

Actually, today's radios are somewhat easier to service than the old belchfire models. Certainly they are *safer* to service. You can't just look to see which tube isn't glowing, but then tubes failed often, transistors and ICs seldom fail. When they do fail, it is usually obvious what's happened by the behavior of the radio. Many of today's radios fail, when they do finally fail, due to passive component failures, especially intermittant problems. Those were a bear to track down in the old belchfire radios, and they still can be in the newer radios, but liberal use of component cooler and heat guns can find them fairly rapidly.

You don't really need elaborate test equipment. The most important piece of test equipment is between your ears. Beyond that, a DVM and a signal source are still the basic tools. A logic probe can be handy too, but usually not essential. Sometimes a scope is a very nice thing to have, but it was in the old days too. It's just that back then many of us couldn't afford one. Today, there are inexpensive imported scopes available, and the surplus market teems with high quality scopes we would have killed for in the old days.

A power meter and a dummy load are handy things to have for transmitter servicing today, but they were back in the belchfire days too. The only tool many of us consider a necessity today that was almost never seen in the old days is a spectrum analyzer. In the old days, we just *hoped* our signals were clean. Today we can look and see that they are clean. Again, the surplus market can supply us with instruments we couldn't even have dreamed of owning in the old days. But we can do without one, and just hope our signal is clean, like we did in the old days. (I don't recomend that, but we can.)

>As an aside to the complexity issue, here's another problem: some of the
>newest and best HF transceivers present quite a learning curve, just to
>operate. When our club bought a new Icom IC-706, one of the problems we OTs
>discussed was the amount of work necessary to get it up and running. I'm
>not knocking Icom here, but someone pointed out the complexity of operation
>of the Icom versus some older Collins and Hallicrafters gear that had been
>donated to the club by the widow of a SK. On older equipment, most of the
>controls were located on the front panel, and had similar or identical names
>even from one brand to another. This is not an insignificant point, when
>you consider operating Field Day or any other contest, where there are
>numerous brands and models of transmitting and receiving equipment in use.

I'm frankly flabbergasted by this comment in reference to the IC-706. In my opinion, the IC-706 is the most intuitive and operator friendly radio I've ever owned. It takes about 5 minutes to learn to navigate the menus, after that you can toss the instruction book (even without the initial resort to the instruction book, you can quickly figure things out). Every feature is clear and basically self-explanatory.

That's certainly not true for some other radios. I spent two hours, manual in hand and salesman by my side, trying to make the FT-8500 do a simple thing the manual says it'll do. We couldn't figure it out. We called the factory for support. They tried to talk us through it, and it became obvious that *they* didn't understand how to do it either. (We found out later that the manual was wrong, the firmware version in the radio we had didn't support doing what I was trying to do. Arrrgh!) Some of the Standard radios have menu systems which are byzantine too. And I don't even want to get into the bizzrre idea of a user interface that Kenwood has. But the IC-706 is a dream to operate. Everything is very clear, intuitive, and easy to access.

OTOH, I defy you to set the carrier balance and sideband suppression on a HT-37 belchfire radio without resort to the manual (and plenty of patience). That's something you found yourself doing *a lot* on that radio. Tuning up a B&W 6100 *properly* for the first time without resort to the manual is likely to cause great frustration too. The old radios each had their own foibles you had to learn. I ruined a set of finals in a TR-3 before I caught on to the proper way to tune one up. Modern radios won't let you do that. They'll protect themselves if you try to do something stupid.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4832. Re: Sodomized by the FCC & Mellon Bank

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: kopec@tekvax.mro.dec.com
Message-ID: <325D1512.3A06@tekvax.mro.dec.com>
Source record: 215176

Randolph Kielich wrote:
>
> I went to my post office today to check on my mail. I wondered
> what the heck a large fat letter from the FCC was doing in my box.
> After I looked at the address I knew I was in for a living nightmare.
>

Yeah, I got one of those letters a couple of days ago too; dismissed because it was received too early. Interesting, because I mailed it from Amherst, MA at 7:30 AM on Friday 9/20; plain old First Class, in the box out in front of the Post Office. Bet they couldn't deliver a late mortgage payment that fast..

SO, now I have to figure out how to get my money back, and reapply. In the grand scheme of things, this is all pretty insignificant; the sun still rises.

4833. Re: Not a wonderful life, no life.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <53j7hd$h6p@lehi.kuentos.guam.net>
Source record: 215177

jxs2151@shore.intercom.net (Jeff Stevenson) wrote:

>You don't even wanna know what Burt's profile looks like at Deja News.
>Although I have a strong suspicion that the articles to the sex groups were
>forged.

>Jeff

As were a bunch to the ham groups....

Jim KH2D

4834. Re: General to Advanced.. re-take code test?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: Cecil Moore <Cecil_A_Moore@ccm.ch.intel.com>
Message-ID: <325D1E61.7130@ccm.ch.intel.com>
Source record: 215178

Aaron Morrison wrote:
> Err, unlike Christians who have everlasting salvation, _all_ test
> credits are given in the form of Certificates of Successfull Examination,
> better known as a CSCE. CSCE's are valid for 365 days,...

Hi Aaron, that's true but the question didn't involve CSCEs. The question was: If one goes for an advanced class license 5 years after obtaining a general class *license*, does one have to retake the 13wpm test? The answer to the question is: No, as long as one doesn't let the general license expire, the 13wpm credit associated with the general class license is everlasting.

73, Cecil, W6RCA, OOTC (not speaking for my employer)

4835. Re: Is equipment building and repair a lost art? Your comments, please.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct10.153207.4916@ke4zv.atl.ga.us>
Source record: 215179
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

In article <53gtvv$oia@sf18.dseg.ti.com> kc5ng@dlep1.itg.ti.com (Mustang Maniac) writes:
>
>Yes, I think that we are a dying breed, for many reasons.
>
>It is virtually impossible for even an experienced "home technician" like us
>to repair much of today's ham gear. I had the cover off my TS-870S when I
>first got it last winter. I took one look inside, and swore I'd never open
>it again! There's no way I'd attempt to repair it, should it ever develop a
>problem. Nearly all of today's gear is that complex inside.

And nearly all of it is very simple to repair. It doesn't matter how
many parts are inside, you're only going to have to replace the bad
one. Before you even remove the cover, you should be able to narrow
the problem down to one or two functional blocks from the behavior
the radio is exhibiting. All the other parts can now be ignored. A
quick check or two will narrow the problem down to one functional
block. A couple more checks and you're down to only a few components
as possible failure points. Then straightforward component level
troubleshooting will identify the faulty component. Simple.

Many of today's radios have gone to surface mount parts, and that
makes repair a lot easier. You only need to be able to get to one
side of a circuit board, so you often don't have to disassemble
the radio very far in order to replace the bad part. SMD has made
the repairman's job much easier.

>While there is always another interesting project or two showing up every
>month in QST, 73, or one of the other journals, too many of today's hams
>have little or no electronics background, and many of the articles are of
>a higher caliber than a beginner would want to attempt. Over the years,
>a great many construction articles have been related to that other dying
>art, operating CW. Too few of today's hams have enough serious interest
>in CW, coupled with their limited technical knowledge, and that makes the
>old CW rig construction articles worthless. TNCs, ATV, digital stuff, DSP
>filtering, all are too technical for the beginner. Heck, some of that
>stuff's too technical for me too!

You're right that many of the old projects revolved around CW transmitters,
and not that many people are interested in that anymore. But the other
stuff isn't too technical for the beginner. Most of the high tech is
safely tucked *inside* the ICs. So the beginner can treat them as
functional blocks with a given transfer function. That makes building
easier, not harder.

>Another problem is a lack of "elmering"
>by us old-timers (yeah, I know, I'm not really an old-timer by general
>standards, but 20 years qualifies me as one for the newbies). I try to
>"elmer" anyone who wants the help, and I know of some others who do the same.
>But there's sure not as much of it going on as there was ten, fifteen, or
>twenty years ago. What happened? We sit and complain about the no-code
>license, VE testing making it too easy to get a ticket, lack of technical
>knowledge, et cetera, then we sit back and do nothing about it. This could
>change, but will it? I'm not faulting the newbies. They come from widely
>varied backgrounds, most of which aren't related to electronics or
>communications. Nobody knows anything unless they are taught, right? WE
>need to do the teaching, or it won't get done.

That's right, If we want people to build, we have to show them how to
do it. Of course it would be helpful if we've kept up with technology
ourselves and actually know how to do what the person we're teaching
wants to do. People are capable of learning many things on their own.
They don't need formal teaching to understand modern electronics. The
library and bookstores are full of texts from which they can learn
that. But some of the *craft* skills needed for home construction are
best learned by example. There are many tricks of the trade that ease
home construction. We need to show these to the beginning builder.

>Used to be, you had to do
>your homework to get a ham ticket. We had to KNOW the rules, electronics
>theory, radio wave propagation principles, and such. We didn't have the
>question pool available to memorize. That isn't the case any more. You
>really don't have to know anything except how to read and memorize things
>nowadays. I personally think that's a bad thing.

It's not really that different from the old days. And frankly, what
you need to know to pass the exams, then and now, is woefully inadequate
to prepare you to be a builder. Passing the exam merely gives you license
to begin learning how to do that.

>On the bright side, a local ham just built (from scratch!) a super-regen
>receiver as a project with his two young sons, ages about 7 and 5. They
>scrounged my junkbox for some of the parts, and bought the rest. Their
>receiver uses transistors and ICs, but it's still just as hard to tune
>and fickle to operate as the old two-tubers were. It warmed my heart to
>see this project go together. They built a wooden box with a Lexan front
>panel, so you can see all of the components. It's built point-to-point
>and it's ugly as sin, but it has that certain curious beauty about it,
>a beauty only a home-brewer can appreciate. (that's a shame)

Ugh. A superregen. I hope it doesn't turn them off to building. They
might get the impression that that's the best they can do at home and
turn back to commerical equipment. (I'm not knocking their project if
what they wanted was to find out how bad the old circuits were. I
just hope that they know that for a similar parts count they can make
a much better radio today.)

>Suppose the newbie finds a project that he/she wants to build. At least a
>lot of the projects these days use parts available at Radio Shack or from
>a mail-order supplier such as Mouser. But let's uppose that this project
>is not something from last month's QST, but instead is from an old ARRL
>Handbook from the 1960s. Where is that poor sucker going to find the old
>style parts to build that whoosy-whatsis? High-voltage parts, tubes, and
>other old-style parts are too hard to find, and when you do find them,
>they are way expensive. Too many of the "old timers" have passed on, and
>their junkboxes (which were filled with wonderful old parts that are now
>worth their weight in gold) were simply emptied into the dumpster once the
>commercially-made ham gear was sold off. The resources are drying up.
>
>There's also this perception that anything that doesn't contain a bunch of
>ICs is not useful, so no one bothers. Hey, tube gear may be old and not
>sophisticated, but it still works. And, it's still fun to build, even just
>for the nostalgia value. The digital revolution has brainwashed too many
>of the new and prospective new hams. The desire these days is for more and
>more features, and the older gear, whether homebuilt or not, doesn't deliver
>this. I don't know how to change the perception. Maybe we can't.

Actually, I hope we can't. The newer designs are better. They're easier
to build. They have better performance. And the parts *are* available.
Reliving the old days may be nostalgic, but it isn't the best way to
approach most building projects today. There's a reason the old parts
are hard to find, they don't do the jobs we want done as well as modern
parts can do them, so they've fallen out of use.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4836. Re: HF Amateur Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: Robert Barron <barron@liant.com>
Message-ID: <325D2327.8F@liant.com>
Source record: 215180
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Gary Coffman wrote:
>
> In article <325A7BC3.31E@liant.com> barron@liant.com writes:
> >I'll agree that early Amateurs were concerned with throughput too.
> >But you seem to imply that rag chewing was somehow less a part of the
> >hobby than it is today. I don't think anyone could make that
> >statement based on a verifiable fact. My guess is that ragchewing
> >has always been a part of Amateur Radio. Surely it must remain a
> >part, or else what's the throughput for?
>
> Absolutely. I do not for a minute want to imply that conversation
> is not a laudable use of amateur radio. It is one of the main things
> that content is for, others being traffic handling, emergency communcations,
> etc. What I meant to imply was that the fact of the contact's existence
> alone was not the primary reason for the early radio pioneers' activity,
> nor was it the primary reason for the early amateur's activities. Once
> they knew contact was possible (and that's been a well established fact
> for a very long time), the focus shifted to *doing something* with the
> contact. Whether that was passing formal messages or casual chatting is
> not the issue. The issue is that they started to exchange *information*.

Hmmmm.... I'm curious. When and how was this well established? I can
understand one having an opinion of that nature but how can it be so
well established? With any large group of people there are bound to be
(and have been) a large number of interests and my gut feeling is that
at all periods of Amateur Radio there have been those who liked to build
and those who liked to make contacts, even after it was old hat.

> >If by radio pioneers you mean Marconi and Hertz, sure. But Radio
> >Amateurs I think saw fun in operation just as much (if not more) as
> >an application.
>
> Well, of course, amateurs get paid in no other coin. But the mere
> fact of contact isn't much fun for long, especially if many others
> have already "been there, done that". How many stations do you have
> to work at the antipodes before the novelty wears off? (Apparently
> for some of today's amateurs the answer is *all of them* and *several
> times over*.)

I can understand your position on this. But I don't want to fault
someone else for enjoying the pasttime trying to work DX, even if they
work it more than once.

> Well, I was very involved with the Mexican earthquake communications.
> I didn't hear much contest style operating (though unfortunately I
> did hear some). The fellows who were best prepared for that were
> traffic handlers who were well skilled in moving books of traffic
> efficiently. (I say that as an old traffic handler.)

What do you mean by contest-style operating?

> Yes, good operating skills are vital, but the skills required are
> not those of the contester. They are the skills of the public
> service communicator. And those skills are different from those
> of the contester.

I would argue that traffic handling and contesting do share some
common traits. True, contest operations alone do not fully prepare
one for effective emergency communications. But developing the skills
to effectively listen to weak signals, or signals masked by QRM and
to exchange information does have relevence (sp?) to emergency
communications. The exchange for Sweepstakes is actually based on
the heading information of radiograms.

The best scenario is to have real emergency communications training.
But I strongely disagree that good contest operating skills can not
make for a better emergency communicator.

> >The overall accomplishments of Amateur Radio is important. But
> >equally important are the accomplishments of individuals in Amateur
> >Radio. Sure lots of people have worked DXCC but if some young Ham
> >learned how to make a better antenna, to properly ground his/her
> >station, the characteristics of RF propagation, to listen carefully
> >and in doing so worked over 100 countries, isn't that worth *something*.
> >Amateur Radio, to me, is about trying new things and learning. In the
> >case I described, that happened.
>
> I'll agree that there is some small training value to that for the
> newcomer, but it doesn't explain amateurs with 25 years or more
> service still doing the same thing. Any training value it might
> have is long accomplished.

I can only assume they continue to do it because it is fun, for them. I
don't always share the views of fun as other Amateurs but at least they
are on the air and doing something.

73,

Robert KA5WSS
barron@liant.com

4837. Re: What is HAM

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct10.155149.5075@ke4zv.atl.ga.us>
Source record: 215181

In article <53gpot$agl@news.u-strasbg.fr> mossmann@u-strasbg.fr (mossmann frederic) writes:
> I'm a french HAM [F1UIH] and I want to know something...
>
> What is HAM ???
>
> H.A.M. ???
>
>OK, it's a stupid question for you, but I ask many french HAMs, and...
> "Euhhh... It's Radio-Amateur..."
> "But why H.A.M."
> "Because... euhhh... I don't know"

Oh, oh, here we go again. The short *correct* answer is that no one knows how this term started, or how it became accepted to mean amateur radio operator. There are, of course, a number of theories.

One popular theory is that it is the amalgam of the initials of the last names of three Harvard students who supposedly had an amateur station in the teens. Their names were supposedly Hyman, Almay, and Murray, and they operated the little station with a call sign of HAM. Supposedly, an impassioned speech was made on the floor of the US Congress about little station HAM during the early fight to eliminate amateur radio (by placing all radio under the control of the Navy). This speech supposedly turned the tide and defeated the bill eliminating the amateur service. The problem with this theory is that an exhaustive search of the Congressional Record turns up no such speech, and Harvard has no record of little station HAM.

Another theory holds that it derives from what commercial operators called amateurs. They referred to them using the old telegrapher's insult of "ham fisted", meaning that they weren't of professional skill. This may be the true origin of the term, but it seems unlikely that amateurs would willingly adopt a term meant to be insulting to them as their name.

A third theory derives from the fact that Hugo Gernsback published a magazine called Home Amateur Mechanic in the early days of radio and it included many radio construction projects. Thus when asked what sort of radio a person had, he might send back that he had one of those HAM radios (using just the initials of the magazine name in true CW shorthand fashion). I like this explanation best.

Gary
--

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Lawrenceville, GA 30244 | |

4838. Re: HF Amateur Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: jwkelley@e4e.oac.uci.edu
Message-ID: <53j9t7$81t@news.service.uci.edu>
Source record: 215182
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <1996Oct8.122107.19609@ke4zv.atl.ga.us>,
Gary Coffman <gary@ke4zv.atl.ga.us> wrote:

>I really don't know why some hams seem so opposed to increasing
>throughput. No matter what our communications objective, the more
>throughput we have the better we can accomplish it. The only
>reason I can think of for not wanting good throughput is that
>you don't want to engage in real communications with another
>person, but want to emit RF and occupy spectrum for a number
>of hours anyway, and that seems so pointless.
>
>Gary

I agree, there is absolutely no reason to spurn attempts to optimize
data throughput in amateur radio. I might disagree that it should be
universally recognized as the most important metric in amateur radio. In
commercial radio there's no question that throughput is of the utmost
import - or more to the point, dollars/min "throughput".

It seems to me that there's enough room in the art of ham radio for a lot
of metrics. Everyone seems to have some particular aspect of their
station performance metric they take pride in optimizing and maximizing.
For some, it may be bits/sec. For others it is miles/watt, or words/min,
or QSO's/min, or square ft. of aluminum-Hz. For me, it's QSO-min/dollar
or QSO-miles/dollar, hi hi. (My wife seems to think that food, shelter,
clothing, transportation, and security should come before ham radio gear.)
So I'm forced to try to produce maximum effectiveness for minimum
investment. It's a fun challenge. This is supposed to be fun after all,
isn't it?

73
Jim, AC6XG

4839. radios for sale or trade:

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: xray1787@aol.com
Message-ID: <53jca3$pre@newsbf02.news.aol.com>
Source record: 215183

I have the following radios for sale or trade :

(2) STX Type 1 ..w/DTMF and charger

(1) STX 821 Type I , II and IIi .. w/DTMF and charger...battery is new

(1) MT1000 VHF 16channel w/shoulder mike

(1) Visar UHF w/extra battery

Also for sale or trade : GE 800Mhz radio w/new battery

All items are for sale.. will aslo trade if interested ...

thanks.....JT

4840. Re: What the big guys think of Burt Fisher

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: Andrew C Robertson <drewbob@mit.edu>
Message-ID: <325D39C2.6AB4@mit.edu>
Source record: 215184

Drew Durigan wrote:
>
> Burt is a professional troll.

No, Burt is an amateur troll. Typical.

drewbob aa1hx

4841. Gate 2 calls?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: flanders@groupz.net
Message-ID: <53jec8$l8c@news1.sunbelt.net>
Source record: 215185

Several "W" and "K" 1x2 new calls showed up on today's "Daily FCC Update" on the WWW QRZ call server. I checked a few of them and found they were issued 10/8.

Looks like the Gate 2 logjam has finally broken. I had expected new calls to all show at once, rather than piecemeal.

Jerry W4UKU flanders@groupz.net

4842. Re: What is HAM

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: pschleck@oasis.novia.net
Message-ID: <53jera$gs0@oasis.novia.net>
Source record: 215186

In <1996Oct10.155149.5075@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>In article <53gpot$agl@news.u-strasbg.fr> mossmann@u-strasbg.fr (mossmann frederic) writes:
>> I'm a french HAM [F1UIH] and I want to know something...
>>
>> What is HAM ???
>>
>> H.A.M. ???
>>
>>OK, it's a stupid question for you, but I ask many french HAMs, and...
>> "Euhhh... It's Radio-Amateur..."
>> "But why H.A.M."
>> "Because... euhhh... I don't know"

>Oh, oh, here we go again. The short *correct* answer is that no one
>knows how this term started, or how it became accepted to mean amateur
>radio operator. There are, of course, a number of theories.

>One popular theory is that it is the amalgam of the initials
>of the last names of three Harvard students who supposedly had
>an amateur station in the teens. Their names were supposedly
>Hyman, Almay, and Murray, and they operated the little station
>with a call sign of HAM. Supposedly, an impassioned speech was
>made on the floor of the US Congress about little station HAM
>during the early fight to eliminate amateur radio (by placing
>all radio under the control of the Navy). This speech supposedly
>turned the tide and defeated the bill eliminating the amateur
>service. The problem with this theory is that an exhaustive
>search of the Congressional Record turns up no such speech,
>and Harvard has no record of little station HAM.

The accuracy of the Congressional Record in the early part of this century also makes it a dubious tool of proof (though obviously the lack of record would be a plausible disproof).

Before reforms were enacted in this century, rules of Congress were lax enough that just about anything could be read by a member into the record whether it was actually said on the floor of Congress or not.

The potential for abuse is obvious, as many members of Congress could appease constituents and special interests by claiming to have made an impassioned plea for their cause on the floor and pointed to "the record" as proof. This led to many obviously ridiculous matters "of record," such as speeches made by members days or weeks after they boarded a plane or boat which crashed or sank, killing them.

>Another theory holds that it derives from what commercial
>operators called amateurs. They referred to them using the
>old telegrapher's insult of "ham fisted", meaning that they
>weren't of professional skill. This may be the true origin
>of the term, but it seems unlikely that amateurs would willingly
>adopt a term meant to be insulting to them as their name.

I had an English professor back at UMD who pointed out that "bad" or "insulting" words sometimes fall into a period of disuse, and that disuse cause them to become obscure, setting the stage for them to be (ironically) resurrected with more polite, or merely self-deprecating, meanings. Consider, for example, the word "naughty." In Shakespeare's time, it directly translated as "evil" or "demonic," and therefore fell out of polite usage. In current usage, it's much more benign, and often used to good-naturedly scold friends or children.

It would not be implausible then, for what started out as an insult to later become adopted by the target group as a self-deprecating nickname to be worn with pride.

>A third theory derives from the fact that Hugo Gernsback published
>a magazine called Home Amateur Mechanic in the early days of radio
>and it included many radio construction projects. Thus when asked
>what sort of radio a person had, he might send back that he had
>one of those HAM radios (using just the initials of the magazine
>name in true CW shorthand fashion). I like this explanation best.

>Gary

Here's a few more apocryphal (read: likely wrong) ones:

- Home Audio Modulation (variation on the Hugo Gernsback story; has anyone confirmed that the Home Amateur Mechanic periodical actually did exist? It has the speciously-documented flavor of the "HAM/ Congressional Record" story)

- From the Cockney pronunciation of L'Amateur

- From the initials of Hiram Maxim, W1AW (his actual middle name being Percy being an obvious rebuttal to this one)

- Hardly Any Money (obvious post-hoc creation of modern times)

This "Origin of HAM?" question comes up often enough, and is responded almost without fail with the mythical explanations (each usually presented with a perfectly straight face as the "one true origin") and the inevitable followup flames, that it probably deserves inclusion in the FAQ. I've bundled up all of the information I've collected, including this thread, and sent it to John Seney, WD1V (john@wd1v.mv.com), who is the current maintainer.

--
73, Paul W. Schleck, KD3FU
pschleck@novia.net
http://www.novia.net/~pschleck/

Finger pschleck@novia.net for PGP Public Key

4843. Re: ~FCC closes down all 12 monitoring stations~

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: John Mackey KA0SSF <nowhere@anyplace.net>
Message-ID: <325D468E.6342@anyplace.net>
Source record: 215187
Cross-posted to: rec.radio.amateur.misc,rec.radio.cb,alt.radio.pirate,rec.radio.scanner

tyler wrote:
> >Yea, it looks like the same will happen about the interference between you
> and cheek....pretty much a regular kind of thing.

At least it is constructive in that it keeps Bill Cheek in order.

4844. Re: The idiot ham trade.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: dougrand@i-2000.com
Message-ID: <53jh7v$26v@news2.i-2000.com>
Source record: 215188
Cross-posted to: rec.puzzles,rec.puzzles.crosswords,rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.roller-coaster,rec.running,rec.scouting,rec.scuba,rec.skiing.alpine

Burt Fisher <k1oik@ccsnet.com> wrote:

>I said: "I have a VIC 20 I want to trade for a IC-781" (how long do we
>have read thesre messages where some ham wants to trade his junk for
>something woth something).

>
>From: KH2KQ@KA6EYH.#NOCAL.CA.USA.NOAM
>To : K1OIK@KQ1K.MA.USA.NA
>
>Hello Burt,
>
>You actually got one of those VIC-20's you wanna trade?
>
>I do not have a Icom 781, but I does have a Kenwood 950SDX - howsa bout dat?
>
>Only problem is dat it am attached under the counter of a 36 foot
>motorhome. So if youse trade for da 950 youse gotta take the motorhome
>too. Its got a generator and only 123 actual miles. But the problem der
>is dat it am havin a dead battery and it can't start and it is in the
>driveway of my vacation home at the beach in Malibu - so youse also
>gotta take the house in Malibu if youse want the 950SDX.

>Howsomever, there is a beach bunny and her girlfriend that said they
>would just die if I sold the Malibu house on the beach, so they come
>with the house and the motorhome and the radio.
>
>If dat am OK, then weese got a deal!
>
>Oh yeah, does the VIC-20 got a DC power supply with it?
>
>By the by, if you hear of anyone who has a Kenwood TS-50 attached to a
>Mercedes 450SLC - I would like to trade a Radio Shack 202 for it!!!!!!!
>
>73 de Chuck

Hi Chuck,
I gotta Mercedes 350 SL and it comes with a Alinco DR600. Maybe I'd
like to trade for those beach bunnies......
Doug, KN2Y

4845. Re: What is HAM

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: pwinter@best.com
Message-ID: <53jmlv$ipb@shellx.best.com>
Source record: 215189

A great deal of the confusion could be avoided if everyone remembered
that it's not "HAM," but "ham." Incorrectly spelling it uppercase makes
it look like an acronym, thus causing people to run around trying to
find out what it's an acronym for!

Patty

========================= patty@wintertime.com ==========================
"Lois--salmon swimming *upstream* haven't had the mating
troubles *we've* had." --Clark Kent on "Lois & Clark"
=============== N6BIS ================= Sunnyvale, Calif. ===============

4846. (no subject)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: BRINGER <bringer@lsgbw.hcc.com>
Message-ID: <325D8C50.3836@lsgbw.hcc.com>
Source record: 215190

well I always thought it was JAMBON ...
just kidding, I always wondered as well.

Best 73 from Philadelphia area PA
Pierre-Michel
F1EQU
--

* *

4847. Gate Two being issued?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: jbmitch@vt.edu
Message-ID: <53jnuf$6i@solaris.cc.vt.edu>
Source record: 215191

Happened to spot an apparent Gate two call N6DW in Thursday's run.
Issued on 10/8 to an individual with first and last initials DW. Now this
could be a relative's or previously-held call, I suppose, but wonder if
this is one of early Gate two issues?

Hope we get them soon.

4848. ADA specs

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: OfficeLAN User <"OfficeLAN User"@ccm.fm.intel.com>
Message-ID: <325D5DCB.6F3F@ccm.fm.intel.com>
Source record: 215192

Does anyone have any info on how to
modify an ADA-200 HT???? It's similar to
a Standard brand HT.
Thanks,
Chris B.
chris_m_bruemer@ccm.ch.intel.com

4849. Re: Is equipment building and repair a lost art? Your comments, please.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: wa2ise@netcom.com
Message-ID: <wa2iseDz2v7s.A5M@netcom.com>
Source record: 215193
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

In article <1996Oct10.153207.4916@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>In article <53gtvv$oia@sf18.dseg.ti.com> kc5ng@dlep1.itg.ti.com (Mustang Maniac) writes:
>
>>On the bright side, a local ham just built (from scratch!) a super-regen
>>receiver as a project with his two young sons, ages about 7 and 5. They
>>scrounged my junkbox for some of the parts, and bought the rest. Their
>>receiver uses transistors and ICs, but it's still just as hard to tune
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>what they wanted was to find out how bad the old circuits were. I
>just hope that they know that for a similar parts count they can make
>a much better radio today.)
>
Back in 1971 or so, after I played with the classic LC tuned circuit-long wire-antique earphones-diode thing, I homebrewed a superhet AM radio using transistors, and various parts scrounged from the junk box. Designs were mostly copies of other radios, but different sections came from different source radios. And it actually recieved some stations when I first fired it up, before alligning it (I lived 6 miles away from a 50KW Am station on 770KHz (WABC)). Also tried to build a copy of the 5 tube "All American" AA% radio, but that didn't work. Think one of the parts I scrounged (IF transformer?) was bad. My father thought a superhet might be too ambitious, but Iwanted to do a 'real' radio.

Right now, I'm playing around with an old early 60's AA5 AM tube radio, substituting sub-mini "pencil" vacuum tubes for the standard 7 pin tubes (using a heater voltage transformer to run the 12V and 6V heaters). No 'real' reason, other than making a radio that might have been manufactured if semiconductors had not been invented, and sub-mini tubes being the "next generation" of tubes for AM radios (assume that mass production of pencil tubes would get the cost down). Having fun. Still trying to design a triode osc and pentode mixer stage to substitute for the 12BE6 pentagrid converter. triode oscillates fine, mixer output is a weak signal, weaker than the 'BE6. Will probably learn about some subtile things of superhet design.

4850. Re: ~FCC closes down all 12 monitoring stations~

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: myway@ix.netcom.com
Message-ID: <53jtfr$irc@dfw-ixnews7.ix.netcom.com>
Source record: 215194
Cross-posted to: rec.radio.amateur.misc,rec.radio.cb,alt.radio.pirate,rec.radio.scanner

In <325D468E.6342@anyplace.net> John Mackey KA0SSF
<nowhere@anyplace.net> writes:
>
>tyler wrote:
>> >Yea, it looks like the same will happen about the interference
between you
>> and cheek....pretty much a regular kind of thing.
>
>
>At least it is constructive in that it keeps Bill Cheek in order.
>
to the idiot guy...JM
You are a legend in your own mind-lessness.

You say hello and only your mirrored image says "goodbye" back.

pithy pithy fella
you bring to our view
unimaginative and useless
self-play a reward for you.

bill conduit

4851. Re: The idiot ham trade.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: kevink@apple.com
Message-ID: <kevink-1010961532310001@klopke.apple.com>
Source record: 215195
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,

Guys, could you be a little more careful about which newsgroups you're posting to? I removed all the non-radio ones from the header, but couldn't figure out which of the radio groups was the "originating" one. My apologies to all the non-involved radio newsgroups.

-- Kevin --

--
Death is not a problem. Fear of death is.

4852. Re: SCREW THE CODE!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: carl@ais.net
Message-ID: <53k1ka$68h@news.ais.net>
Source record: 215196

In <53dq6i$ava@freenet-news.carleton.ca>, dg198@FreeNet.Carleton.CA (Frank Sved) writes:
>
>Tuck Miller (kc6zec@amsat.org) writes:
>> Frank Sved wrote:
>>>
>>> >
>>> > it's not a hobby, exactly. it's defined as a service in the rule books. that's an
>>> > important point. see basis and purpose in 97.1. to that end APRS needs
>>> > investigation and perfection so that fits in nicely...
>>>
>>> A "service" that you can't charge for, can't use professionally. You can
>>> only use it for non-lucrative goals and can't make a living at it?
>>> Sounds like a hobby to me. (unless one chooses to chase ambulances)
>>>
>>> >
>>> > Bill Newkirk WB9IVR The Space Coast Amateur
>>
>> A service meaning providing communications in time of disaster or
>> emergencies, floods, earthquakes, hurricanes, bombings, plane crashes,
>> the list goes on. A service first, a hobby 2nd.
>>
>> 73,
>>
>> Tuck, KC6ZEC
>
>
>I agree with your description, Tuck, but in regards to catagorizing
>Amateur radio I call it a hobby. A usefull one, but nothing more.

Frank,

It has been shown numerous times that the FCC defines amateur radio as a service and that specific reasons for being and objectives are established as justification for our existence and our frequency allocations ...

Why insist on saying "I agree with ..." and then turn around and say "but in regards to catagorizing Amateur radio I call it a hobby. A usefull one, but nothing more." ???

The thing that concerns me about this insistence some people have about saying "It's ONLY a hobby ..." is that some day, the FCC may just hear that and listen ... when that happens, our bands are history ... there is NO WAY that the regulators can justify our allocations for a hobby. Period. End of story. Fact. (Ask Phil Kane if you don't believe me.)

Carl - wa6vse
carl@ais.net

4853. Re: HF Amateur Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: wrt@eskimo.com
Message-ID: <32608a94.2997187@eskinews.eskimo.com>
Source record: 215197
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Ramon Gandia wrote:
<snip>
>
>So I went back to CW, where people are much more polite.
>

If it's politeness you're after, try RTTY. The ops there are far and away the most courteous in all of ham radio, and I've tried it all.

73, Bill W7LZP
wrt@eskimo.com

4854. Re: Boxboro Convention...Dissapointment?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <325D9378.4281@ccsnet.com>
Source record: 215198

Tim Smith wrote:
>
> Any opinions on this year's convention and the competition with Hoss Traders?
>
> 73,
>
> Tim N1BTQ

Not enough doughnuts?

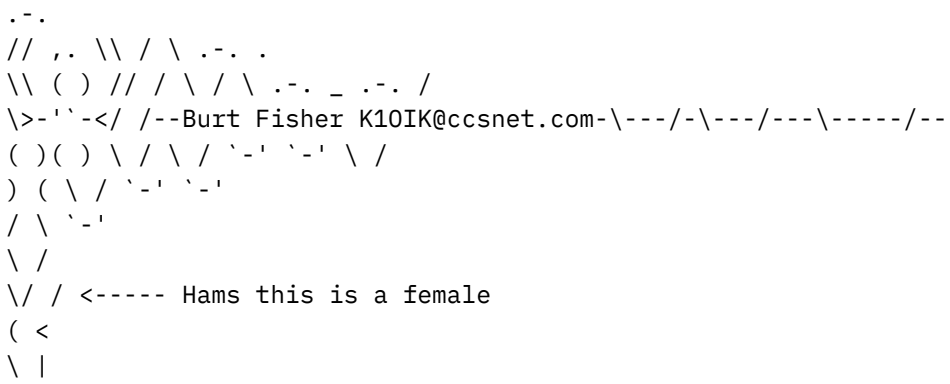
```
.-.
// ,. \\ / \ .-. .
\\ ( ) // / \ / \ .-. _ .-. /
\>-'`-</ /--Burt Fisher K1OIK@ccsnet.com-\---/-\---/---\-----/--
( )( ) \ / \ / `-' `-' \ /
) ( \ / `-' `-'
/ \ `-'
\ /
\/ / <----- Hams this is a female
( <
\ |
```

4855. Re: Dealing with pigs (hams).

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <325D93A6.4CF9@ccsnet.com>
Source record: 215199
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

prvalko wrote:
>
> Kevin Potter (us66kix@west.net) wrote:
> : Is there a contest-free weekend anytime during the year?
>
> I don't think so. But there are WARC bands.

Then let us put the contest pigs there.



4856. Re: Sodomized by the FCC & Mellon Bank

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: wrt@eskimo.com
Message-ID: <32618cdb.3580103@eskinews.eskimo.com>
Source record: 215200

Perhaps you've already thought of this, but just look in the Silent Keys listings in QST for two years ago. Pick out the call you want and apply for it. You might even try a bit less than two years because it takes some time for the info to get into QST.

73, Bill W7LZP
wrt@eskimo.com

4857. Re: Dealing with pigs (hams).

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: wrt@eskimo.com
Message-ID: <32628daf.3792230@eskinews.eskimo.com>
Source record: 215201
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Kevin Potter <us66kix@west.net> wrote:

>Is there a contest-free weekend anytime during the year?
>
>

Not likely, but if there is let us know. We'll make one up!

73, Bill W7LZP
wrt@eskimo.com

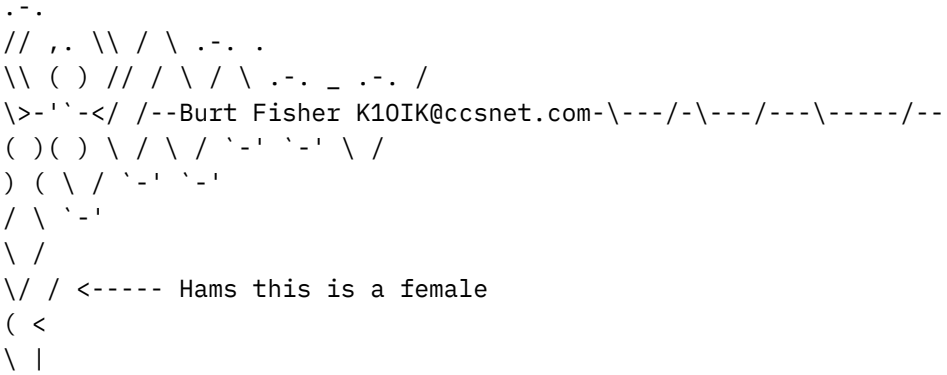
4858. Re: Not a wonderful life, no life.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <325D940B.67B5@ccsnet.com>
Source record: 215202

Frank Sved wrote:

> tell it like it is Burt. Your motivation is a sour, bitter, twinkie.

Twinkie? Have you been reading my hate mail?



4859. Re: ~FCC closes down all 12 monitoring stations

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: engineer@ccnet.com
Message-ID: <engineer-1010961833250001@macb203.svl.trw.com>
Source record: 215203
Cross-posted to: rec.radio.amateur.misc,rec.radio.cb,alt.radio.pirate,rec.radio.scanner

In article <01bbb538$656f2740$9b070ccf@jim-reid-1>, "Jim Reid"
<jreid@aloha.net> wrote:

I know that many people think that the FCC was and continues to be a royal pain in the _ _ _ but I for one will miss some of the support that was received from the FCC in the past.

As society becomes more and more dependant on using the RF spectrum as a vehicle for communication and other activities, we need to ensure that the frequency spectrum is MANAGED in such a way that all of us may use it in one way or another. Key word is manage, which to me means the focal point for activites. What kind of activies am I talking about?

I gave up on CB about 6 months after the FCC killed the license requirement for that activity. The activities I encountered while listening/participating (at the time I was stationed in Hawaii) were rough to say the least. (Linear amps with sideband splatter 3 channels either side of the base carrier.) Perhaps I will get my ham license someday, provided that it too doesn't go away.

As a boat owner, I carry a hand held Marine VHF. The FCC has done in the majority of the license requirements for operation of Marine VHS as well. I can't wait to hear how out of control that band will get, considering that Marine VHF is often used for life support activites.

The Livermore, CA monitoring facility (one of the ones which is becoming automated) is less than a mile from our RC aircraft flying field. We have obtained the assistance from the FCC staff at that facility to help resolve issues with RFI problems several times in the past. Where are we going to get real time assistance in the future? Philly?

Questions for all; Why are these facilities shutting down? Why has the operations budget been reduced to a point where they can no longer do the job as defined by the charter? What is the impact going to be on all of us?

Eric Helms
engineer@ccnet.com

--

4860. Code Training Tape

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: GARY L STATON <gstaton@worldnet.att.net>
Message-ID: <325DB0B5.66EF@worldnet.att.net>
Source record: 215204

After being inactive for several years want to get back and move up in code. Have Tech for 20 years but pretty well forgot code. What is best code tape to work with and learn code properly? Gary

4861. Re: ### PLEASE, I NEED YOUR HELP!!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-10 00:00:00 UTC
From: Richard Hager <rhager@millcomm.com>
Message-ID: <325DB761.5F45@millcomm.com>
Source record: 215205
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

```
Karl Leite wrote:
>
> Dear Fellows,
>
> A friend of mine has small business to repair computer and amateur
> radio equipments.
> By the way, he needs repair the OSCILLOSCOPE TEKTRONIX,
> model 453-A and he would like to get service manual.
> So, can you help him???? I hope so!

--

Karl,

Contact Linda Perkins:

linda_p@ix.netcom.com

She buys and sells manuals.

Good luck!

Richard Hager

+ Ah-ha! Design Group, Inc. -
+ Precision CNC Technology, since 1991 -
+ 612-641-1797, Fax: 612-641-8681 -
+ "I just like to build stuff" So... -
+ for CNC info, don't email me, call -
+ or email Ah-ha! directly. Thanks! -
+ www.gdic.com/ahha email: ahha@gdic.com -
```

4862. 1x2/2x1 List where?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: k0hb@hamlink.mn.org
Message-ID: <845029898.AA07440@hamlink.mn.org>
Source record: 214956

Someone (sorry, I lost the message) asked where they could find
out what "Extra" (1x2, 2x1) calls were still available.

The best place I have found is the web page at:

http://www.qrz.com/vanity.html

The page is updated daily. If you are not web-enabled, there are
some commercial outfits (W5YI, etc) who will snail mail you a disk.
I haven't paid much attention, but I think they charge around $15
per call district.

A caution for folks thinking about 2x1 calls --- remember that
AH/KH/NH/WH/AL/KL/NL/WL/KP/NP/WP prefixes are not issued to
mainland applicants, unless they are "retrieving" a call.

73, de Hans, K0HB
--
--If you put tomfoolery into a computer, nothing comes out but
--tomfoolery. But this tomfoolery, having passed through a very
--expensive machine, is somehow ennobled, and no one dares
--to criticize it.
--

4863. Re: Why should we learn the code??

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: Jason Charles <103274.1043@compuserve.com>
Message-ID: <325E8D2D.D49@compuserve.com>
Source record: 214957

Ray Hodgkiss, N9YNG wrote:
>
> It is impossible not to notice this ongoing debate about the code.
> There are valid arguments on both sides of the issue. CW is a mode
> considered outdated, so maybe it should be dropped as a requirement. I
> can see that point.
>
> However, I think its important to realize that whether or not it is
> outdated isnt the point. People have asked why learn what is
> essentially another language, if they never indend to use it. I asked
> myself the same thing when I took german for two years in college. I
> thought I'ld never use it. I was wrong. I had an chance to go to
> Austria/Germany and it did come in handy, like when I wanted to buy a
> pack of cigarettes. I spoke german when there was no other way to
> communicate, especially when somebody didnt know english, and I really
> wanted a beer or a kasewurst. And I actually enjoyed it.
>
> No other way to communiate? Thats an interesting thought. I would
> imagine that knowing CW would open serious doors in DXing, on all bands,
> when ionospheric conditions are at their worst, kind of like now.
>
> Another intersting thought is CB and how it is today. Its a mess in
> general, loaded with bad operators. I know a good number of very good
> respectful CBers, but becasue there are so many bad apples, it is not an
> enjoyable aspect of the radio hobby.
> The CW requirement helps keep out more of the bad apples. I
> recognize that just becasue you know CW doesn't mean you a "good" apple,
> and just becasue you dont know CW doesn't mean your a bad apple. But I
> think the requirement works as a filter to keep those not serious about
> the hobby out. Once again, I am NOT saying that just becasue you dont
> know the code doesn't mean you're NOT serious. I want to make this very
> clear.
>
> This is my last thought. I just recieved my Master of Science. There
> was a no-thesis option, that I did not take. I wrote a thesis. I
> learned a good deal of information about research that otherwise I would
> have lost out on. It strikes me that people want to take the "easy way
> out" and gain HF privs w/o a lot of work. In regard to my peers who did
> opt for the no thesis option, I do not respect them any less. They made
> the decision best suited for them.
>
> So I am not lectruing anybody, these are just the opinions of a
> no-code tech, intendning to upgrade to General ASAP.
>

> Ray Hodgkiss, N9YNG

I would have to agree with Ray, I am a going to be a new Amateur Radio operator soon(Taking the No-code test tommorrow). I do not know the code, but intend on learning after I spend some time in the Ham world. I am very glad that the FCC decided to offer a no-code for beginners, I intended on getting my liscense 6 years ago but at that time code was required. Since that time my interests have grown back into Ham Radio. I have tried to learn code on different occasions, but didn't seem to get the hang of it. I have a more ocular memory as opposed to aural memory, and couldn't seem to grasp the code. I will however be more likely to try so I can get into the 10m band. I am trying to say is that although some may pick up the code quite easily others may not have the "nack" for it. So as an alternative we can get into the hobby and delve more deeply as we learn more and gain more interest to venture out into other areas of the bandwidth. As for the comment "keeps some the bad apples out" I would have to say that yes I think it would because I have listened to a lot of local Simplex and repeater freqs and most have the No-code Tech. By listening to them I came to the conclusion that our 2 meter net is just a bunch of liscensed CB ers. Now there is of course exceptions, but for the most part I was extremely disappointed by the profesionalism of our local 2 meter Hams. Now you move into the Code required bands and there are occurances of this also but it seems so much less frequent. I intend to have a professional attitude on the waves. As would I hope every new ham would.

Jason (soon to be xx4xxx)I hope :)

4864. JOTA help in KATY, TEXAS

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: mngay@infocom.net
Message-ID: <53m1v9$ukf@news.infocom.net>
Source record: 214958

The COBRA Patrol of Cub Scout Pack 987 is desperately seeking someone to help us. We would like to be part of the Jamboree On The Air during the weekend of October 19-20. Part of the Communicator Badge deals with contacting others using different means. JOTA is a worldwide activity for Scouts.

If you have the capability to help us, please let me know.

Thanks...
Mike Gay

4865. About KPC-3 TNC ???

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: petronet@sovam.com
Message-ID: <53m82d$6na@news.sovam.com>
Source record: 214959

Hello!
I am need information about KPC-3 TNC.
E-mail, please.
Thanks
73! Konstantin, RK1NA ex UN1CD

4866. Re: Need disneyland repeater frequency

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: wa2ise@netcom.com
Message-ID: <wa2iseDz4o81.94n@netcom.com>
Source record: 214960

In article <325DD267.42D8@ptp.hp.com> Mel_Lau <mlau@ptp.hp.com> writes:
>Hello,
>
>I going to disneyland and I was wonder if anybody konws
>the repeater frequencies down there. Is it okay to use the
>repeater ??
>
>
147.435

(maybe not, if you have young kids) :-)

4867. Re: Heath SB-1400 / Yaesu FT-747GX

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: djs26@po.cwru.edu
Message-ID: <53mb9p$h5a@madeline.INS.CWRU.Edu>
Source record: 214961

In article <53hs8e$k7h@ramp2.tir.com>, an691942@anon.penet.fi wrote:
>
> I am interested in knowing of any modifications for this rig... I
>know of one to unlock the XMT frequency limitations, but am curious to
>
>know if there are any mods to make this nice little rig perform
>better.
>

I'm interested too.
I am making the CAT interface cable so I can use my PC to
run the RIG.
So far I like the RIG, easy to use, got good reports on SSB.

>Thanks, and 73's
>N8DRF
>

4868. WTB: DC3 POWER SUPPLY FOR A DRAKE TR4

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: dwhowell@iamerica.net
Message-ID: <53mcf2$lfi@news1.iamerica.net>
Source record: 214962

Hello,
I have a friend that is looking for a DC3 Power Supply for the Drake TR4 Transceiver. If you have one for sale, please email me and let me know what you want for it. I will pass along the info to KA5JNL.

Thanks
AB5LG

4869. Windtrax Balloon Launch 10-12-96

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: mgarrett@prairienet.org
Message-ID: <53mc2p$342@vixen.cso.uiuc.edu>
Source record: 214963

Windtrax, 96 will have its 10th balloon flight this Saturday, October 12, 1996 from the New Agusta Public Academy in Indianapolis, Indiana. Launch time is slated for 8 am EST 13:00 UTC (aproxmate) with the following scheduled to fly:

ATV: on 439.250 Vertical polarity showing two camera views plus a 4 color video Id.

GPS/Packet: on 446.000 at 1200 baud with latitude/longitude and altitude in meters in the text.

Cross Band Repeater: Input on 144.300 with outputs on 444.850 and 52.525 Mhz FM.

A Hf net will be held around 3871 Khz + or - to give balloon status and launch information. Look for the Windtrax 96 balloon net with possible callsigns of WB9IHS/W9DUU or KT9V as net control.

All amateur are invited to participate in this balloon flight as the balloon asends to 100,000 feet plus and should have a coverage area of 400 miles plus as it reaches maximum altitude. Launch preparation balloon tracking and net controls will be done by the students of the New Agusta Public Academy of Indianapolis, Indiana.
--
Mark Garrett mgarrett@prairienet.org
KA9SZX @ N9LNQ.#ECIL.IL.USA.NOAM

4870. Re: What is HAM

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: pwinter@best.com
Message-ID: <53meku$8q4@shellx.best.com>
Source record: 214964

In article <1996Oct11.135033.9178@ke4zv.atl.ga.us>,
Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>In article <53jmlv$ipb@shellx.best.com> pwinter@best.com (Patty Winter) writes:
>>A great deal of the confusion could be avoided if everyone remembered
>>that it's not "HAM," but "ham." Incorrectly spelling it uppercase makes
>>it look like an acronym, thus causing people to run around trying to
>>find out what it's an acronym for!
>
>The problem is, we don't know that it didn't start out as an acronym.

True, although the evidence doesn't seem to support any of the
acronym theories.

> If you are a Morse operator, however, it *is* HAM, since
>Morse has no provision for lower case.

Good point! I should clarify that I was referring to normal writing... :-)

Patty

4871. SM-8 mic and backround noise

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: billr@hayburn.com
Message-ID: <53mfa3$g54@hayburn.hayburn.com>
Source record: 214965

I am looking for any info on how to lower the backround noise.
Most of the time this mic will pick up the noise louder than my
voice. I was thinging that there might be a way electronically
to reduce the backround noise. I tried playing with the tone
and level adjustments on the bottom of the mic.

Please post or email any possible solutions

Thanks
Bill
N8UXB

4872. Re: ARRL Elections a Sham, AGAIN!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <53mgm0$r16@jupiter.planet.net>
Source record: 214966

> clint.bradford@atdbbs.com (Clint Bradford) writes:
>
> >>The "sin" which Mr. Ruh committed which
> >>prevented us from having the opportunity to vote for the much needed
> >>change was that he "made money off or Amateur Radio through his
> >>magazine."
>
> SO - since Ruh KNEW the rules, why didn't he make the appropriate calls
> to the ARRL and state his case? And see if an exception was warranted?

He did. The completion of the sale was PENDING. The rules state that
Ruh had to be completely divested of his interest by the time of the
submission. It was not therefore, he was disqualified. According to Mr Rih, he
notified the ARRL of the PENDING yet not completed sale. Therefore the
disqualification

So what's the problem BUB???

4873. Re: It's Time to Drop All CW Testing

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: Kevin Potter <us66kix@west.net>
Message-ID: <53mhfg$msf@jerry.loop.net>
Source record: 214967

Been there, done that. Took the code tests to get the license because it had to be done. Actually liked the code after all the tests.

Yes, drop the code requirement & 'modernize' the test with other material.

Just my opinion.

KP
AA6KV

4874. Re: Callsign Patterns

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: desmith@telalink.net
Message-ID: <53miaj$6tl@apple.telalink.net>
Source record: 214968

Hans Brakob wrote:
> At some time in the past it seems that FCC may have had a formal
> or informal policy of assigning calls to some entities based on
> a predetermined pattern.
>
> For example, a lot of club stations at universities have calls in
> the pattern "W#Y$" (1x2, W prefix, with "Y" as the first letter in
> the suffix). There are a lot of those still around and I can
> remember many more in the past which probably are expired. Examples
> are W1YA, W1YU, W0YC.

I've seen something official on those prefixes, and they predate the W prefix. I know X calls were experimental, and Y were technical and training schools. Z was something too, but I don't remember what.

There was at one time a broadcast regulation preventing the assignment of calls ending in "USA", the initials of a federal agency, or the initials of a living president. As you probably know in the Twin Cities, this one has been repealed. I don't think it ever existed as a formal reg for the amateur service, but it seems to have been an informal policy.

73 Doug

4875. Re: Gate 2 calls?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <53m2rq$ggn@abyss.West.Sun.COM>
Source record: 214969

In article <53jec8$l8c@news1.sunbelt.net>,
Jerry Flanders <flanders@groupz.net> wrote:
>Several "W" and "K" 1x2 new calls showed up on today's "Daily FCC
>Update" on the WWW QRZ call server. I checked a few of them and found
>they were issued 10/8.
>
>Looks like the Gate 2 logjam has finally broken. I had expected new
>calls to all show at once, rather than piecemeal.
>
>Jerry W4UKU flanders@groupz.net

Actually, I've been looking at the daily updates from ftp.fcc.gov,
I mean actually inspecting the database files, and the only vanity
calls I've seen issued are under Gate 1 and Gate 1A. You can
tell from the 'vanity flag' and 'vanity type' codes in the database.

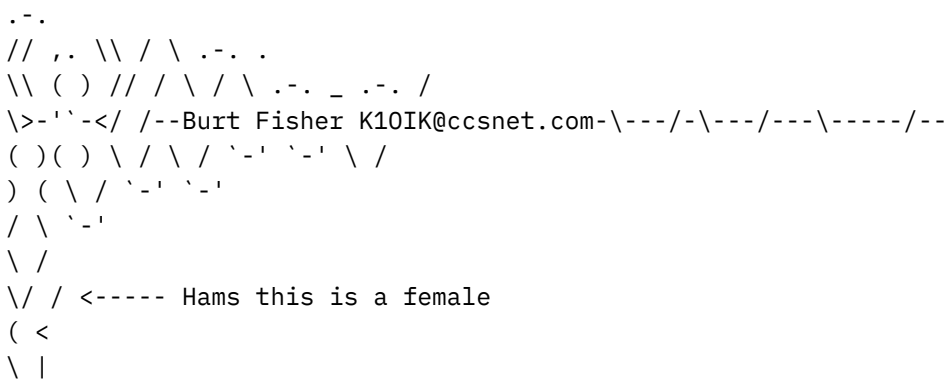
--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

4876. Re: Burt Fisher not arrested yet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <325EED11.62F2@ccsnet.com>
Source record: 214970

Tim Smith wrote:
>
> Burt Fisher K1OIK@ccsnet.com <----- Hams this is a "teacher"
>
> Would you beleive parents trust their children alone with him?

More than trust they request me as a teacher.
My daughter works for Dunkin Donuts Tim, all you can eat...
well maybe not all YOU can eat



4877. Re: What is HAM

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: Cecil Moore <Cecil_A_Moore@ccm.ch.intel.com>
Message-ID: <325E682F.42E@ccm.ch.intel.com>
Source record: 214971

Gary Coffman wrote:
> The World Book Dictionary
> backs this version, suggesting that the slang terms "ham actor", "hamming
> it up", and "radio ham" all have the same origin (that of overstating
> their skills and abilities).??> >- From the Cockney pronunciation of L'Amateur
> I think this is almost certainly not the origin of the term.

Hi Gary, remember the PBS TV show, "Connections"? Could have been
that "ham actor" came from the Cockney pronunciation of "'amateur actor"
and "ham" radio operator then was adopted from the term "stage ham".
So the orgin could have been indirect through the English theater to
the American theater to amateur radio.

73, Cecil, W6RCA, OOTC (not speaking for my employer)

4878. Re: What is HAM

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <53n30r$3fq@anomaly.ideamation.com>
Source record: 214972

In article <53mjpq$4oc@lehi.kuentos.guam.net>,
Jim Kehler <pacrimgolf@kuentos.guam.net> wrote:

>In your case Spew, HAM = Homely Ass Monkeyboy.

I always thought it was

Has Absolutely (no) Material (worth)

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

4879. Ham Gear for Sale....

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: farmboy@rollanet.org
Message-ID: <MPG.cc886338ade4d1f98968e@news.zippo.com>
Source record: 214973
Cross-posted to: rec.ham-radio,rec.ham-radio.swap,rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.swap,rec.radio.swap

I have the following Ham Gear FOR SALE....

Kenwood TS-450AT w/ narrow SB Filter and Heil Desk Mic. It's in
Mint Condition and works fine. Price: $ 750.00 + shipping

Nye Viking Roller Inductor Tuner Model MB-V-A . Great Shape & Works
Fine. Price: $ 400.00 + shipping

Henry 2k-4 Console Amp. Has new transformer. Works Great and Looks
just as good. Because of size this is pickup only.... Price: $ 750.00

Reason for selling is that I just got married a few months ago and
either the Ham Gear or me go.

Make all replys to:

farmboy@rollanet.org

Thanks for reading....

Jim

4880. 73 e-mail address ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: hduff@ica.net
Message-ID: <53mh7p$619@newsfeed.ftn.net>
Source record: 214974

Need to correspond with 73 magazine to obtain some back issues.
Anyone have their e-mail address ?

Thanks, Hugh

4881. Re: What is HAM

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <53mjpq$4oc@lehi.kuentos.guam.net>
Source record: 214975

VUBS79A@puberty.com (Spew Durigan) spewed:

>It's actually an acronym for YE OLDE FAHRTZ who refuse to give up on that
>19th century communications mode known as "Morse Code."

>H.A.M. =

>Holding (onto) Ancient Modes

>You're welcome

>-Drew in Sunny Central Florida-
> KF4DDM

In your case Spew, HAM = Homely Ass Monkeyboy.

73, Jim KH2D

4882. ARLP042 Propagation de KT7H

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: w1aw@arrl.org
Message-ID: <$arlp042.1996@arrl.org>
Source record: 214976
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB PROP @ ARL $ARLP042
ARLP042 Propagation de KT7H

ZCZC AP62
QST de W1AW
Propagation Forecast Bulletin 42 ARLP042
From Tad Cook, KT7H
Seattle, WA October 11, 1996
To all radio amateurs

SB PROP ARL ARLP042
ARLP042 Propagation de KT7H

Conditions continued flat last week, with still another 7 days of no visible sunspots. This has been going on for quite some time now. Currently the geomagnetic field is somewhat active, but it is expected to quiet down until around October 17 to 20 and again around the 23rd. Solar flux should continue flat, rising slightly to around 70, then declining again to the sixties at the beginning of November.

Robert, WB5CRG sent email asking about A indices from a year ago and suggested that they be included with each weekly bulletin. Starting today, the daily planetary A index will be listed along with the daily sunspot and solar flux values. Anyone wanting to contact the author of this bulletin can send email to tad@ssc.com or packet mail to KT7H@N7DUO.WA.USA.NOAM.

Sunspot Numbers for October 3 through 9 were 0, 0, 0, 0, 0, 0 and 0, with a mean of 0. 10.7 cm flux was 69.6, 69.4, 68.5, 68.8, 68.3, 67.9 and 67.9, with a mean of 68.6. Planetary A indices for the same period were 13, 5, 3, 3, 4, 6, and 18, with a mean of 7.4.

Here is a path projection from Mid-USA to South America for this weekend. 80 meters looks good from 0000z to 0930z, peaking around 0200 to 0830, 40 from 2300 to 1000, peaking from 0030 to 0830, 30 from 2230 to 0800, peaking from 0030 to 0230, 20 around 1430 and again from 1930 to 0030, and 17 from 1500 to 2200. 15 meters should be good most days from 1600 to 2130 and on some days 12 meters should open from 1800 to 2030.

Using the same figures toward Eastern Europe, 80 meters looks good from 2300 to 0430, peaking around 0130 to 0330, 40 from 0000 to 0300, 30 around 1330 or 1400 and 20 around 1430 to 1645, peaking at 1530.

NNNN
/EX

4883. Looking for KD1KT

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: aballen@colby.edu
Message-ID: <53j9ps$m2c@news.uninet.net>
Source record: 215014

Hi Everyone,

I'm trying to locate KD1KT, or someone who has regular
contact with him.

No, I'm not a bill collector or a Government Agent....

He has MANY unclaimed QSL cards at the bureau, and I
need someone to pass the word to him. The cards can be
sent to him if he would like to pay for the postage.

His last known address was:

Keith Brown
562 Westford St
Lowell, MA 01851

If you can help (without spending any of your own $$),
please pass the word, or contact me via email.

Thanks, Art, KY1K.

artky1k@juno.com

4884. Re: Sodomized by the FCC & Mellon Bank

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: <>
Message-ID: <53k2n4$l02@news-s01.ca.us.ibm.net>
Source record: 215015

In <325D1512.3A06@tekvax.mro.dec.com>, kopec@tekvax.mro.dec.com writes:
>Randolph Kielich wrote:
>>
>> I went to my post office today to check on my mail. I wondered
>> what the heck a large fat letter from the FCC was doing in my box.
>> After I looked at the address I knew I was in for a living nightmare.
>>
>
>Yeah, I got one of those letters a couple of days ago too; dismissed
>because it was received too early. Interesting, because I mailed it
>from Amherst, MA at 7:30 AM on Friday 9/20; plain old First Class, in
>the box out in front of the Post Office. Bet they couldn't deliver a late
>mortgage payment that fast..
>
>SO, now I have to figure out how to get my money back, and reapply. In
>the grand scheme of things, this is all pretty insignificant; the sun
>still rises.

Hi,
They sent you a copy of the cancelled check back with the app. You'll need to send it back to Gettysburg this time. I didn't keep a copy of that address. Call 1-800-322-1117 tap 2 then 4 and they'll clue you in. I liked your line about the mortgage payment. My favorite 'quick' analogy is the billing system used by anesthesiologists, they knock you out and by the time you wake up, the bill is at home in your mailbox! And yep, the sun still rises.

- Jim

4885. FS:DC Power Plug:Kenwood,Icom,.....

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: n2cjj@ibm.net
Message-ID: <53k2n5$pdu@news-s01.ny.us.ibm.net>
Source record: 215016

I have found a source for those DC power cord plugs. The ones I've got have 6 pins, male plastic with metal female (barbed) inserts.

The plug fits most 12VDC HF radios:
Icom 720, 735, 706..and alike, newer Yaesu and Alinco DX70.
Kenwood-TS120, 130, 140..430, 440, 450..850,..TS50,60, 660, 670...and alike.

Make your own power cord yourself, YOUR WAY!
Crimp or solder, long or short, heavy gauge wire, purple with polka-dots...

I'm offering the 6 position plug with 6 inserts for $4 each, or the deal 3 for $10. All prices include postage in the US.

To order, kindly send a check to:

R. Langston
286 Hudson Street
Cornwall-on-Hudson, N.Y. 12520

You can also email me for info at: n2cjj@ibm.net

It's a great deal if you use one rig at home, in the car and at work and are stuck dragging one power cord all over....

I still can't believe AES, HRO and others get $30 for a power cord.
HiHi!

4886. Re: HF Amateur Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: rhelton@netcom.com
Message-ID: <rheltonDz35Aq.GB8@netcom.com>
Source record: 215017
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

I like to think of it this way, for a long time the code requirements were valid and useful for society, as there was a need for skilled operators commercially. That is no longer true. Further the problem with amateur radio has been the decline in membership. Eliminateing the code will help amateur radio increase in use. Testiing should still require technical compatance.

By elimanating the code test requirement, you are not elimanating the code. Some people really enjoy it and they still can.

One of the best things about amateur radio is there is so much different things to do, to try or to excell in.

New folks, if they want to do ATV, should be able to, if they want to do Packet or Pactor or clover they still will be able to, and if they want to play with CW or get into QRP they can learn the code because they want to and then do it.

Why should the code, today, be any different than any other mode?

And knowing CW does not mean you really understand that appliance on your desk or how radio works.

I am learning code right now (got 20 letters, numbers and some punctuation down) not because I have to, but because I met someone who has piqued my interest in QRP and now I am motivated to learn it.

Instead of debateing this endlessly - maybe you should try elmering someone new to hamming and maybe you will inspire them to share what you enjoy, or maybe, just maybe they will inspire you!.

James W. KELLEY (jwkelley@e4e.oac.uci.edu) wrote:
: In article <1996Oct8.122107.19609@ke4zv.atl.ga.us>,
: Gary Coffman <gary@ke4zv.atl.ga.us> wrote:

: >I really don't know why some hams seem so opposed to increasing
: >throughput. No matter what our communications objective, the more
: >throughput we have the better we can accomplish it. The only
: >reason I can think of for not wanting good throughput is that
: >you don't want to engage in real communications with another
: >person, but want to emit RF and occupy spectrum for a number
: >of hours anyway, and that seems so pointless.
: >
: >Gary

: I agree, there is absolutely no reason to spurn attempts to optimize
: data throughput in amateur radio. I might disagree that it should be
: universally recognized as the most important metric in amateur radio. In
: commercial radio there's no question that throughput is of the utmost
: import - or more to the point, dollars/min "throughput".

: It seems to me that there's enough room in the art of ham radio for a lot
: of metrics. Everyone seems to have some particular aspect of their
: station performance metric they take pride in optimizing and maximizing.
: For some, it may be bits/sec. For others it is miles/watt, or words/min,
: or QSO's/min, or square ft. of aluminum-Hz. For me, it's QSO-min/dollar
: or QSO-miles/dollar, hi hi. (My wife seems to think that food, shelter,
: clothing, transportation, and security should come before ham radio gear.)
: So I'm forced to try to produce maximum effectiveness for minimum
: investment. It's a fun challenge. This is supposed to be fun after all,
: isn't it?

: 73
: Jim, AC6XG
--
rhelton@netcom.com

4887. Re: What is HAM

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <53k9g0$q9a@usenetw1.news.prodigy.com>
Source record: 215018

mossmann@u-strasbg.fr (mossmann frederic) wrote:
>
>Hello...
>
> NO NO NO, it's NOT a joke...
>
> I'm a french HAM [F1UIH] and I want to know something...
>
> What is HAM ???
>
> H.A.M. ???

It's actually an acronym for YE OLDE FAHRTZ who refuse to give up on that
19th century communications mode known as "Morse Code."

H.A.M. =

Holding (onto) Ancient Modes

You're welcome

-Drew in Sunny Central Florida-
KF4DDM

4888. Re: Is equipment building and repair a lost art? Your comments, please.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: gfiber@cmc.net
Message-ID: <53kcf6$cpj@news.cmc.net>
Source record: 215019
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

I think the Amateur Community is not as " tuned into " electronics as it once was. With the actual queations and answers presented there is no need to learn Ohms or Kirchoffs law How many can calculate the gain to a common emmiter amplifier circuit. You do not learn that by reading a Q & A Manual.
I used the ARRL License manuals in the early 1970s. It was basically a sylibus (sp) of what one needed to know to pass the exam. Then you " hit the books " for the answers. Now you just memorize the answers to the questions. Sure some knowledge has to soak in, but the majority appears to be forgotton once " you passed " is heard . I happen to be in the business and the kinds of questions I receive have really changed over the 7 years I've been involved. Now I speand most of my time merely reading the manual verbatium to the caller who appears to be willing to pay long distance charges to be read to. Not complaining, the customer needs and abilities have changed over the years.
I have chatted with EE degreed Extra class license holders who could not cut a dipole antenna which I found amazing but true none the less.
I do agree the need for club projects, how about showing some club members how to photo etch a circuit board, or what positive feedback really does, build an antenna tuner or SWR meter Building is great fun. It's up to the builders of the community to give a hand and show the new comers what they are missing

Gary

4889. Re: Yaesu Owners: extraterrestrial frequency!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: bnb@mindspring.com
Message-ID: <323f58b4.17299342@news.mindspring.com>
Source record: 215020

Steve Turner <stevet@mail.utexas.edu> wrote:

>Robert F. Good wrote:
> >
> > "JRW4" <jrw4@ix.netcom.com> wrote:
> >
> > >Wanna hear aliens -- as in, from outer space?
> > >
> > >Well, I found the frequency for you to monitor -- but only if you
>have a
> > >Yaesu HT.
> > >
> > >Punch in 897.25 Mhz -- you'll see what I mean.
> > >
> > I don't hear a thing on my FT-50R. I assume that you are having fun
> > with the readers of this group.
> >
> > Bob, AE4XG
>
>
>Those DTMF tones play the famous riff from the movie
>"Close Encounters of the 3rd Kind". You can do the
>same thing on a telephone by dialing 89725.
>
>
>--
> Steve Turner KC5LCS
> stevet@mail.utexas.edu

Oh, I see, I just take things too literally and I had my "beep" off.

Thanks, Bob

4890. Recommended methods for studying to pass the no-code tech test

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: jhawkins@teleport.com
Message-ID: <53keet$j4s@nadine.teleport.com>
Source record: 215021

I am looking to take the no-code tech test. Does anyone have any suggestions on the books, study guides, computer programs, etc. that I could use to study for the test?

My newsreader is giving me some problems so please e-mail me with your recommendations. Thanks.

Jeff Hawkins
jhawkins@teleport.com

4891. Handheld Dual Bands - who makes the best one?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: jhawkins@teleport.com
Message-ID: <53kfju$j4s@nadine.teleport.com>
Source record: 215022

I'm just now working on my no-code tech license and I'm looking at a dual band handheld as my first radio. Does anyone have any suggestions as to the best one to go with?

Jeff Hawkins
jhawkins@teleport.com

4892. Re: Handheld Dual Bands - who makes the best one?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: Alan Hyman <ALANHYMAN@worldnet.att.net>
Message-ID: <325E9A88.2C8F@worldnet.att.net>
Source record: 215023

Jeff
I good inexpensive choice is the yaeso Ft-50r, around $325.00
Alan
KA2PVR

Hawkins wrote:
>
> I'm just now working on my no-code tech license and I'm looking at a dual band
> handheld as my first radio. Does anyone have any suggestions as to the best
> one to go with?
>
> Jeff Hawkins
> jhawkins@teleport.com

4893. Hams help hospitals, new Web site

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: homingin@aol.com
Message-ID: <53kmot$br3@newsbf02.news.aol.com>
Source record: 215024

For over 15 years, the 90-plus members of the Hospital Disaster Support Communications System (HDSCS) of Orange County, California have served over 35 hospitals in nearly 50 emergency situations. At the new HDSCS site on the Web, you can find out how volunteer Amateur Radio operators can be an important backup communications resource for hospitals, if the hams are well organized and trained.

There you will find:

--- How HDSCS organizes to support hospitals
--- What "dedicated communicators" are and why they are important
--- Frequently Asked Questions about hams helping hospitals
--- The surprising answer to "How often do hospitals need hams, anyway?"
--- Response from hospitals served by HDSCS
--- Info given to new HDSCS members
--- Recruiting hams for hospital communications
--- And lots more...

URL is http://members.aol.com/emcom4hosp/

73 de Joe K0OV

4894. Re: Digital/Analog HF Receiver Design

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: keinanen@sci.fi
Message-ID: <199610110609.IAA23686@r2d2.sci.fi>
Source record: 215025

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>In article <537o0d$973@tron.sci.fi> keinanen@sci.fi (Paul Kein=E4nen)=
writes:

<Discussion about dither deleted>

>I've read a little bit about these techniques, Paul, but I don't
>yet know how to implement them sensibly. I'm still learning this
>DSP stuff so I tend to take a straight forward brute force view.
>The effective sample rate is 44 kHz and the signals of interest
>fall in the 300-3000 Hz range (actually only a subset of that
>range). If I understand what you're telling me, I can get an
>effective 18-bit resolution out of the 16-bit A/D by dithering,
>and that I can let the noise do the dithering for me. I'm not sure
>I know how to take advantage of that (in fact I'm quite sure I
>don't know how to implement that in detail on the system I've
>got). If you have suggested reading, I'm interested.

Look at the situation this way: When the desired frequency band=20
is 300-3000 Hz a suitable sampling frequency might be (say) 11 kHz.=20
However, since you are using 44 kHz sampling frequency, you are=20
actually using 4x oversampling. The 16 bit ADC oversampled at=20
44 kHz is equivalent to an 18 bit ADC sampled at 11 kHz, provided=20
that some sort of dithering is used. After you have filtered out=20
the unwanted signals above 4.5 kHz, you could drop the sampling=20
rate to 11 kHz and do the further pass-band frequency and phase=20
response processing with 18 bit samples. This would have the=20
additional advantage that fewer coefficients are required when=20
doing narrow bandpass/bandstop filters or LP/HP filters with a=20
low corner frequency.=20
=20
I assume that the 16 bit DSP card does not handle 18 bit (or in=20
practice 32 bit) samples very conviniently, it is better to maintain=20
the 44 kHz sampling rate and operate with oversampled 16 bit samples.=20
However, the filters require more coefficents than in the 11 kHz case.=20

I don't know how much the results are degraded by using band and/or=20
equipment noise as the only dithering signal and what noise shaping=20
would be best. Dithering and noise shaping has been the hot topic in=20
the recording and hi-fi (CD) industry during the last years, so I=20
assume that quite a few books are written about it. Unfortunately=20
many books are quite theorethical, however books that describe=20
digital audio systems in general only reserve one or two chapters=20
for oversampling and noise shaping and don't go too deeply into=20
the subject. A few books that I have found interesting are=20

Principles of Digital Audio by Ken Pohlmann (it is quite old, second=20
edition 1989) and The Digital Video Tape Recorder by John Watkinson=20
(containing about 30 pages about audio ADCs, oversampling and noise=20
shaping, also contains some pages about video ADCs and use of dither=20
on video). Both books have a large list of references. But as I said,=20
most books about professional audio contain something about these=20
subjects, so browsing through the bookstore or library might bring=20
up something interesting. Processing of I/Q signals are still quite=20
similar to audio processing, but far as I understand it, direct=20
sampling of RF is quite different.

>>>but to recover the more complex waveform
>>>of QPSK, I need more bits. 4 may do, but 8 works lots better.
>>
>>If you want to tranfer 28.8 kbit/s through a 3 kHz channel (e.g.
>>ordinary phone modems) then 8 bits certainly makes sense. However,
>>when transfering 2 bits/symbol in QPSK even 4 bits sounds quite a lot,
>>particulary if the sampling frequency Fs is a few octaves above the
>>tones of interest, when some extra resolution can be obtained from the
>>dithering effects of band and/or equipment noise.

>The only way I know to do I/Q demodulation is to make a final decision
>based on the results of two level decisions on each axis, and zero is
>disallowed (because it would represent no signal). Seems to me I need a
>very minimum of 3-bit samples on each axis, 4-bits are better.=20

I would intuitively do it like this, but there are probably better ways:

Assume that you want 4 bits (16 levels) for your final decission,=20
but these 16 levels do not have to come from the same sample in the=20
oversampled system. If we look at your system as an 11 kHz system=20
which is 4x oversampled at 44 kHz, then you should add the values=20
from four samples before doing the decission. Each (over)sample=20
has to contribute only 4 levels or 2 bits. Or you can think as an=20
18 bit system sampled at 11 kHz, in which the proper downsampling=20
from 44 kHz to 11 kHz provided the 17th and 18th bit. The net effect=20
is that the peak to peak signal amplitude has to be only four times the
quantization step of the real (16 bit) ADC.=20

If you can do "integrate and dump" detection with your DSP card,=20
i.e. accumulate all sample values during the incomming data symbol=20
period (say 1 ms for 1 kbaud system) before the final decision,=20
then it does not matter if you accumulate eleven 18 bit samples=20
at 11 kHz or fourtyfour "oversampled" 16 bit samples at 44 kHz.

Once more it must be stressed that the input signal must contain=20
some form of dither in order to gain some extra resolution with=20
oversampling. If the input signal is bandlimited at the final=20
bandwidth prior to the ADC and the noise level is far below the=20
quantization step and no dither is used, adjacent (over)samples=20
usually have the same value and no fractional values can be=20
extracted during downsampling.

Paul OH3LWR
Paul.Keinanen@sci.fi

Posted and mailed.

P.S: The News server at my ISP is once again under reconstruction=20
and I would appreciate an email copy of any posted follow-up articles.

4895. FS: Radio Shack HTX-202

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: rlogsdon@ix.netcom.com
Message-ID: <53kooh$grr@dfw-ixnews3.ix.netcom.com>
Source record: 215026

HTX-202, Nicad Pack, Alkaline holder, cigarette lighter adapter, wall charger, spkr/mic. 5 year extended warranty good thru June, 2000.

$180.00 shipped lower 48.

Rod Logsdon WK9T ..... wk9t@juno.com

4896. Re: Dealing with pigs (hams).

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: garyk9gs@solaria.sol.net
Message-ID: <53ktm2$sg5@hummin.sol.net>
Source record: 215027
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Kevin Potter (us66kix@west.net) wrote:
: Is there a contest-free weekend anytime during the year?

First of all Kevin, I think the use of perjoratives does not serve your purpose. With that in mind....

All three of the WARC bands are contest free. With only a few exceptions, most contests are single mode. Operate the other mode. There are only a handful of large/major contests (CQWW,ARRL DX, WPX, SS, FD) that generate a lot of activity. The balance leave the bands pretty uncongested.

FINALLY, there are no contests left that occupy more than a 48 hour period. Even if there were a major contest EVERY WEEKEND, for 48 hours, that would only be 104 days (52 weekends X 2 days/weekend) out of 365 days in a year or ONLY 28 %. This is assuming that you operate 48 hours continuously every weekend. I don't think you have much to WHINE about.

1) Change modes
2) Work the WARC bands
3) Operate during the week when there are major contests on
4) Quit whining and give other amateurs the opportunity to enjoy a facet of a hobby that we enjoy and have earned the right to do so.
5) Take your wife/girlfriend/spouse out to dinner. Maybe you would be a calmer person and enjoy life a little more.
6) Grow up.

--
73,
Gary K9GS

____
/ K9GS |_____________________________
/ FP/K9GS, TO5M |Society of Midwest Contesters |_____________________
(| garyk9gs@solaria.sol.net |Secretary/Treasurer/
\ Gary Schwartz | K9GS@WA9KEC.WI.USA.NOAM | Greater Milwaukee/
_____________________| PacketCluster: NB9C | DX Association (
(_____________________________| GMDXA \
KNOW CODE ! (_____________________\

4897. FS ICOM 781 HF RIG

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: Nona Benecke <n8fcf@onramp.net>
Message-ID: <325DFB84.2DBA@onramp.net>
Source record: 215028

I have for sale a IC-781 with the SP20 external speaker w/filters and the SP20 deluxe microphone. Unit has the Voice module installed. Works great except that the antenna tuner does not work right. Am getting out of hobby for awhile due to extensive traveling coming up and would like to offer this rig to anyone for a great deal at only 3000.00 Thats a savings of almost over 4k$$+ if everything was to be bought at new cost. serious enquiries pse e-mail me for further details. This rig puts out over 150 watts as rated to do. so antenna tuner being out has caused no harm in the finals. Never bothered to have fixed as I always used resonant antennas. Offering for heck of a savings due to the inconvenince you would have waiting for repairs or your time in fixing it for your knowledge of radio repairing would give you the best deal ever for this nice radio. Thankyou for your time in reading this n8fcf@onramp.net

4898. Re: ~FCC closes down all 12 monitoring stations

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: dj@cal.org
Message-ID: <53kn6i$2d4@tofu.alt.net>
Source record: 215029
Cross-posted to: rec.radio.amateur.misc,rec.radio.cb,alt.radio.pirate,rec.radio.scanner

engineer@ccnet.com (Eric Helms) wrote:

>In article <01bbb538$656f2740$9b070ccf@jim-reid-1>, "Jim Reid"
><jreid@aloha.net> wrote:

>I know that many people think that the FCC was and continues to be a royal
>pain in the _ _ _ but I for one will miss some of the support that was
>received from the FCC in the past.

>As society becomes more and more dependant on using the RF spectrum as a
>vehicle for communication and other activities, we need to ensure that the
>frequency spectrum is MANAGED in such a way that all of us may use it in
>one way or another. Key word is manage, which to me means the focal point
>for activites. What kind of activies am I talking about?

>I gave up on CB about 6 months after the FCC killed the license
>requirement for that activity. The activities I encountered while
>listening/participating (at the time I was stationed in Hawaii) were rough
>to say the least. (Linear amps with sideband splatter 3 channels either
>side of the base carrier.) Perhaps I will get my ham license someday,
>provided that it too doesn't go away.

>As a boat owner, I carry a hand held Marine VHF. The FCC has done in the
>majority of the license requirements for operation of Marine VHS as well.
>I can't wait to hear how out of control that band will get, considering
>that Marine VHF is often used for life support activites.

>The Livermore, CA monitoring facility (one of the ones which is becoming
>automated) is less than a mile from our RC aircraft flying field. We have
>obtained the assistance from the FCC staff at that facility to help
>resolve issues with RFI problems several times in the past. Where are we
>going to get real time assistance in the future? Philly?

>Questions for all; Why are these facilities shutting down? Why has the
>operations budget been reduced to a point where they can no longer do the
>job as defined by the charter? What is the impact going to be on all of
>us?

>Eric Helms
>engineer@ccnet.com

It will certainly encourage a new generation of pirates! I think that
we will be seeing lots of new activity on the hf bands and also lots
of interference on bands above 50 mhz.

The FCC has been a real disappointment to all I believe. Since the non-enforcement of CB started, its been downhill for them. They are quick to get into your pocket, but real weak in enforcing the rules.

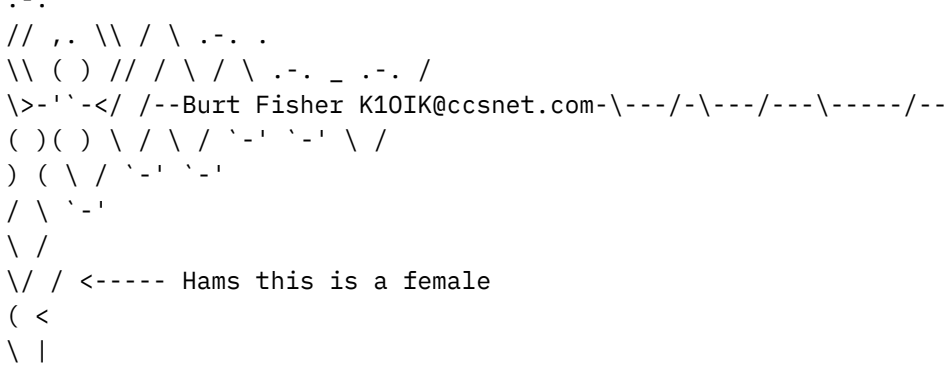
4899. Re: What the big guys think of hams.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <325E20E2.47EA@ccsnet.com>
Source record: 215030
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

I hate Spam wrote:
>

> If you dislike Amateur Radio so much, why are you reading and posting
> in this newsgroup?

Hams are fun to play with.



4900. Dealing with contest pigs (hams).

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <325E21EC.222E@ccsnet.com>
Source record: 215031
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Gary Schwartz wrote:
>
> All three of the WARC bands are contest free. With only a few exceptions,

If you like the WARC bands so damn much put the contest pigs there
because there is hardly anyone else there.

> FINALLY, there are no contests left that occupy more than a 48 hour
> period. Even if there were a major contest EVERY WEEKEND, for 48 hours,
> that would only be 104 days (52 weekends X 2 days/weekend) out of 365
> days in a year or ONLY 28 %. This is assuming that you operate 48 hours
> continuously every weekend. I don't think you have much to WHINE about.

Most people have weekends off so putting contests there deprives MOST
real people
of the decent ham frequencies. Since there is so much time available put
the contests on between 12 mid to 6 AM Monday-Friday.

So in actuality the contest pig eats most of the PRIME time.

```
.-.
// ,. \\ / \ .-. .
\\ ( ) // / \ / \ .-. _ .-. /
\>-''`-</ /--Burt Fisher K1OIK@ccsnet.com-\---/-\---/---\-----/--
( )( ) \ / \ / `-' `-' \ /
) ( \ / `-' `-'
/ \ `-'
\ /
\/ / <----- Hams this is a female
( <
\ |
```

4901. Re: Is equipment building and repair a lost art? Your comments, please.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: mulveyr@ll.aa2ys.ampr.org
Message-ID: <slrn55shem.1fr.mulveyr@ll.aa2ys.ampr.org>
Source record: 215032
Cross-posted to: rec.radio.amateur.homebrew,,rec.radio.amateur.misc

On 9 Oct 1996 04:11:02 GMT, rdb <rdb@wko.com> wrote:
>My question is this:
>Are we who enjoy the technical aspects of the hobby headed for
>extinction? What do you think?

Well, just drop by the QRP list at lehigh.edu sometime. The group is highly devoted to homebrewing, and is growing every day. In addition, just look at the number of kit companies and construction-oriented clubs that have popped up in the past few years. Granted, QRP is a niche market, but it is still a *growing* niche market, and doesn't show any signs of slacking off.

- Rich

--
My mailer has the unfortunate tendency to bounce 10,000 copies of any junk mail I receive back to the sender. Be warned.

4902. Re: Gate Two: It happened again

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: jbmitch@vt.edu
Message-ID: <53li69$l7m@solaris.cc.vt.edu>
Source record: 215033

In article <53jnuf$6i@solaris.cc.vt.edu>, jbmitch@vt.edu says...
>
>Happened to spot an apparent Gate two call N6DW in Thursday's run.
>Issued on 10/8 to an individual with first and last initials DW. Now
this
>could be a relative's or previously-held call, I suppose, but wonder if
>this is one of early Gate two issues?
>

Well, just checked out yesterdays FCC dump on QRZ, and there's another one: N8JW, issued on 10/9 to individual with those initials. Is it likely that this is a relative, or previously held call? Doesn't seem so to me. First, N#xx calls were first issued in the seventies, so no one has held them for a really long time, or would seem likely to dump them for the 2X1 and 2X2 extra calls that followed. Second, there is no Jr., III, etc., after the name, so it seems unlikely that these individuals are sons with same name as father.

So what is going on here? On the one hand, we have official bulletins saying this process will take weeks. On the other, there seem to be a few calls slipping through. I'm still hoping this is the trickle before the dam breaks, and all calls are issued, but wonder if FCC is following their own stated procedure closely enough.

4903. Re: ARRL Elections a Sham, AGAIN!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: jmaass@freenet.columbus.oh.us
Message-ID: <53lkeo$mr1@login.freenet.columbus.oh.us>
Source record: 215034

William C. (Bill) Wells (WA8HSU@netusa1.net) wrote:
: Gentlemen:

: I just received my ballot in the biannual exercise in futility known as
: the ARRL elections.

: Here in the Central Division we were again offered no alternative in the
: "race" for Division Director. The only name on the ballot was that of
: the incumbent. This is not because other candidates did not present
: themselves, though!

: There was at least one other candidate that I know of who had the
: required number of signatures on a petition who outwardly, at least,
: fulfilled all the requirements to run in the election. But, since his
: politics did not pass muster, the headquarters staff found some arcane
: rule which barred his running in the election.

Would you like to tell us what "...arcane rule..." barred his running?
Your claim above carries no weight without some "meat": this is a
"content-free" accusation!

: We NEED to vote out ALL incumbents and continue to do so in EVERY
: election until these guys all know that they serve us and not the other
: way around and that politics as usual is no longer acceptable.

Certainly not based on anything you stated above.
--
Jeff Maass (jmaass@freenet.columbus.oh.us) Amateur Radio K8ND
USPSA/IPSC # L-1192 NROI/CRO NW of Columbus Ohio

4904. Re: ARRL Elections a Sham, AGAIN!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: jmaass@freenet.columbus.oh.us
Message-ID: <53lkvd$p3n@login.freenet.columbus.oh.us>
Source record: 215035

William C. (Bill) Wells (WA8HSU@netusa1.net) wrote:
: Tuck Miller wrote:
: >
: > William C. (Bill) Wells wrote:
: > >
: > > Gentlemen:
: > >
: > >The only name on the ballot was that of
: > > the incumbent. This is not because other candidates did not present
: > > themselves, though!
: > >
: > > There was at least one other candidate that I know of who had the
: > > required number of signatures on a petition who outwardly, at least,
: > > fulfilled all the requirements to run in the election. But, since his
: > > politics did not pass muster, the headquarters staff found some arcane
: > > rule which barred his running in the election.
: > >
: > Of course you have the right to vote for whomever you wish, but do you
: > really think that is really smart? I am sure you are a very intelligent
: > person. Voting for someone just because they are challenging the
: > incumbent, well that could be dangerous....
: >
: >
: > Maybe there was a slight descrepancy in this procedure. As one who has
: > been a part of this process, I do not feel it is a sham..
: >

: Tuck:

: The candidate who we in the Central Division were denied the opportunity
: to vote for by Mr. Sumner is Mr. Henry Ruh, the publisher of Amateur
: Television Quarterly Magazine. He is very well qualified for the office
: of Division Director. The "sin" which Mr. Ruh committed which
: prevented us from having the opportunity to vote for the much needed
: change was that he "made money off or Amateur Radio through his
: magazine."

: Actually, in his best year, Mr. Ruh only reported a net operating loss
: of about $12.00 on his Federal Income Tax from the magazine which is not
: really a business meant as a money maker but is rather a labor of love
: designed only to be self supporting. Mr. Ruh even offered to sell the
: Magazine if he would be allowed to run for office.

This is hardly and "arcane" rule: as I recall it's clearly stated in the
published guidelines for candidates, and is, I believe, a part of the

By-Laws of the ARRL. It's only "arcane" if it's secret: this isn't.

Perhaps Mr. Ruh would start to make money if he were able to steer ARRL policy WRT ATV. Perhaps not. I don' know him, and I don't question his altruism in running for the Board. Others certinly _WOULD_ use a position on the BoD to line their pockets, given the ability to run and win.

Preventing the appearance of wrongdoing on the part of our elected officials is an important goal, and I, for one, want Directors to serve the ARRL membership and Amateur Radio, not line their pockets.

If you don't like the rule, work to change it. Start by explaining why it _should_ be changed.

--
Jeff Maass (jmaass@freenet.columbus.oh.us) Amateur Radio K8ND
USPSA/IPSC # L-1192 NROI/CRO NW of Columbus Ohio

4905. Re: Gate Two: It happened again

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: eckman@eos1.larc.nasa.gov
Message-ID: <53lkvp$cre@reznor.larc.nasa.gov>
Source record: 215036

In article <53li69$l7m@solaris.cc.vt.edu> jbmitch@vt.edu (John Mitchell) writes:
>In article <53jnuf$6i@solaris.cc.vt.edu>, jbmitch@vt.edu says...
>>
>>Happened to spot an apparent Gate two call N6DW in Thursday's run.
>>Issued on 10/8 to an individual with first and last initials DW. Now
>this
>>could be a relative's or previously-held call, I suppose, but wonder if
>>this is one of early Gate two issues?
>>
>
>Well, just checked out yesterdays FCC dump on QRZ, and there's another
>one: N8JW, issued on 10/9 to individual with those initials. Is it
>likely that this is a relative, or previously held call? Doesn't seem so
>to me. First, N#xx calls were first issued in the seventies, so no one
>has held them for a really long time, or would seem likely to dump them
>for the 2X1 and 2X2 extra calls that followed. Second, there is no Jr.,
>III, etc., after the name, so it seems unlikely that these individuals
>are sons with same name as father.
>
>So what is going on here? On the one hand, we have official bulletins
>saying this process will take weeks. On the other, there seem to be a
>few calls slipping through. I'm still hoping this is the trickle before
>the dam breaks, and all calls are issued, but wonder if FCC is following
>their own stated procedure closely enough.
>
Looking at the FCC database and the explanation of codes associated with
these entries (see the readme.txt file in /pub/XFS_AlphaTest/amateur), it's
clear that neither of these calls are vanity callsign issues. They
appear to simply be renewals. It's pointless to conjecture
on whether the FCC is "breaking their own rules" unless you're certain
that these were, in fact, vanity callsigns. The evidence is that these
most certainly were not.

Richard Eckman KO4MR
Hampton, VA
r.s.eckman@larc.nasa.gov

4906. Re: Code Training Tape

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct11.132535.8982@ke4zv.atl.ga.us>
Source record: 215037

In article <325DB0B5.66EF@worldnet.att.net> GARY L STATON <gstaton@worldnet.att.net>
writes:
>After being inactive for several years want to get back and move up in
>code. Have Tech for 20 years but pretty well forgot code. What is best
>code tape to work with and learn code properly? Gary

I'd avoid all the tapes. They are too easily memorized, and aren't paced
to the rate at which you most efficiently program your wetware. Use one
of the computer training programs, SuperMorse or Morse Academy are a
couple of good ones (check the usual download sites like oak.oakland.edu).

Learn the character sounds from the very beginning at a 20 WPM rate,
spaced to give lower effective speeds. The programs will do this for
you, calling it the "Farnsworth Method". This is important since ARRL
VEs will use Farnsworth timing in the exams that they administer.

It is also important because it will force you to recognize the
character sounds as a unit rather than breaking them down into
dits and dahs. It's that extra translation step which forms the
barrier at about 10-12 WPM which stalls people who learn the code
as dits and dahs rather than as character sounds. This speed "hump"
is what causes the most problems for people attempting to learn
Morse. Avoid it by learning initially at a faster rate.

You want code copy to become like touch typing, IE automatic reflex,
you don't think about it, your body just does it. There's a method
of presenting the letters, called the Koch method, which can help
you efficiently learn the alphabet in this fashion.

Don't try to send until you can copy easily at your target speed.
This is important because sending is a mechanical process, and
forces you to think about dits and dahs. You don't want to do that
while you're learning code. Think of it as indivisible sound units
which are just different pronounciations of the letter names.
Once you're trained to recognize good code, sending is trivial
to pick up, you just make the sounds you already know, sort of
like playing guitar by ear.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4907. Re: HF Amateur Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: gfoley@freenet.columbus.oh.us
Message-ID: <53llnb$rqm@login.freenet.columbus.oh.us>
Source record: 215038
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Bill Turner (wrt@eskimo.com) wrote:
: Ramon Gandia wrote:
: <snip>
: >
: >So I went back to CW, where people are much more polite.
: >
: --
: If it's politeness you're after, try RTTY. The ops there are far and away the
: most courteous in all of ham radio, and I've tried it all.

: 73, Bill W7LZP
: wrt@eskimo.com

On friend on RTTY said "It doesn't seem to bring out the animal in people,
like those other modes do."

K8EF

--
Gerry

4908. Re: HF Amateur Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: gfoley@freenet.columbus.oh.us
Message-ID: <53lm1e$c7@login.freenet.columbus.oh.us>
Source record: 215039
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Richard Helton (rhelton@netcom.com) wrote:
<snip>

: By elimanating the code test requirement, you are not elimanating the code.
: Some people really enjoy it and they still can.

<snip>

I think radio operators should know the code, not at any particular speed,
so they can understand the identifications which are so simply made
and universally receivable by slow or repetitious keying of any detectible
signal. Be able to write it down, A= .- B= -... and so on

K8EF

--
Gerry

4909. Noise in HF Gear from P.C.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: djs26@po.cwru.edu
Message-ID: <53lmii$dqr@alexander.INS.CWRU.Edu>
Source record: 215040

When I turn on my PC, (486-33), and use it at the same time I have my HF rig running I get noise on the HF receiver caused by the PC.
I can tell when my hard drive is accessed, I don't even need to look at the controller access LED, my HF buzzes and crackles.

Now I know it's time to upgrade but anybody have any suggestions on how to quiet, actually suppress, the RFI from the PC??

When I buy a new mother board should I look for an FCC certified type, if it exists??

Donn.
KC8CTP

4910. Re: Gate Two: It happened again

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: <>
Message-ID: <53ln99$ga6@news-s01.ca.us.ibm.net>
Source record: 215041

In <53li69$l7m@solaris.cc.vt.edu>, jbmitch@vt.edu (John Mitchell) writes:
>In article <53jnuf$6i@solaris.cc.vt.edu>, jbmitch@vt.edu says...
>>
>>Happened to spot an apparent Gate two call N6DW in Thursday's run.
>>Issued on 10/8 to an individual with first and last initials DW. Now
>this
>>could be a relative's or previously-held call, I suppose, but wonder if
>>this is one of early Gate two issues?
>>
>
>Well, just checked out yesterdays FCC dump on QRZ, and there's another
>one: N8JW, issued on 10/9 to individual with those initials. Is it
>likely that this is a relative, or previously held call? Doesn't seem so
>to me. First, N#xx calls were first issued in the seventies, so no one
>has held them for a really long time, or would seem likely to dump them
>for the 2X1 and 2X2 extra calls that followed. Second, there is no Jr.,
>III, etc., after the name, so it seems unlikely that these individuals
>are sons with same name as father.
>
>So what is going on here? On the one hand, we have official bulletins
>saying this process will take weeks. On the other, there seem to be a
>few calls slipping through. I'm still hoping this is the trickle before
>the dam breaks, and all calls are issued, but wonder if FCC is following
>their own stated procedure closely enough.
>
You need to do a little detective work first! The Licensee for the DW call was
licensed on 1/20/87. Same guy, same address. His license was due 1/97, so he was
4 months early on re-upping it. There is enough confusion abounding without
adding more.
- Jim

4911. The person who helped with Cubic info??????

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: webteck@usa.net
Message-ID: <325E6379.4876@usa.net>
Source record: 215042

Last week (10/1 - 10/4) I put a plea for help for info on Cubic Electronics in Ocean Side, Ca. Some very nice gentleman gave me the info I needed. I have since had a complete system crash and lost ALL my messages...in fact I lost 2 hard drives with everything on them. The only thing I remember about the message was that his address started with something like "HONT"..his name was Loenk (?), The important thing was, he gave me the name of a guy that had worked for Cubic. He said the guy still repaired Cubic radios for a fair price. H ealso said the guy had a fax on during the day but in the evening it was off line. He gave me the telephone number and all the info I needed. I can't remember which newsgroup it was in. If he will PLEASE contact me again I would appreciate it very much. I need the same info again.

I am posting this to all the ham and radio newsgroups to find this good samaritan again. I sent him a thank you message, but of course that is also gone now so I can't get the address from there.

Tommy Statham
N5HTQ

4912. Re: SCREW THE CODE!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <53ln1m$40d@freenet-news.carleton.ca>
Source record: 215043

Carl Stevenson (carl@ais.net) writes:
>
> Frank,
>
> It has been shown numerous times that the FCC defines amateur radio as a
> service and that specific reasons for being and objectives are
> established as justification for our existence and our frequency
> allocations ...
>
>
> Why insist on saying "I agree with ..." and then turn around and say
> "but in regards to catagorizing Amateur radio I call it a hobby. A
> usefull one, but nothing more." ???
>
> The thing that concerns me about this insistence some people have about
> saying "It's ONLY a hobby ..." is that some day, the FCC may just hear
> that and listen ... when that happens, our bands are history ... there
> is NO WAY that the regulators can justify our allocations for a hobby.
> Period. End of story. Fact. (Ask Phil Kane if you don't believe me.)
>
> Carl - wa6vse
> carl@ais.net
>
>
>
Carl,
First things first. Who cares about the FCC? Second, I
understand that Amateur Radio can play an important role as a service.
(hence the I agree with ...). However it is primarily for enjoyment.
Again you can't make a living at it. It's not proffessional. I don't
mean to demean the purpose and role of radio at all. It is extremely
important to me, but I won't go shoving it down people's throats that it
is an essential service. Ambulance chasers is what I call them.

Radio to me is interesting, fun, important, etc. I love it. But
I won't try to justify that by making claims that it is anything else but
that.

What scares me about saying it is a service is that people who are
just having fun on radio will get pushed aside for service renderers. You
know, "HEY THIS FREQS FOR A NET FOR BLA BLA BAL SO STAY OFF THANKS."

Let's not forget that G.R.S. is a service too (General Radio
Service), where's the FCC regulating that service?

--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

4913. Re: What is HAM

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct11.135033.9178@ke4zv.atl.ga.us>
Source record: 215044

In article <53jmlv$ipb@shellx.best.com> pwinter@best.com (Patty Winter) writes:
>A great deal of the confusion could be avoided if everyone remembered
>that it's not "HAM," but "ham." Incorrectly spelling it uppercase makes
>it look like an acronym, thus causing people to run around trying to
>find out what it's an acronym for!

The problem is, we don't know that it didn't start out as an acronym.
If we believe the Harvard radio station story, it was, or if we buy
into the Home Amateur Mechanic story, it was. If we accept it as an
insult, as in "ham fisted" or "ham actor", then it wasn't an acronym.

Of course today it has become a noun (and an adjective) by common
usage, so it doesn't require capitalization unless it begins a
sentence. If you are a Morse operator, however, it *is* HAM, since
Morse has no provision for lower case.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4914. radios for sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: Edward Bernight <"talin@gte.net"@gte.net>
Message-ID: <53lp97$gjn@news2.gte.net>
Source record: 215045

Talin Technologies hass the following Radios returning from lease to the
96 Summer games in Atlanta

Kenwood Model TK-431 900 MHZ Trunked Portable Radio

Frequency Range Power output

RX 935 - 941 MHZ | HI 2.5 Watts
TX 896 - 902 MHZ | LO 1.0 Watts

with rapid chargers and spare Batteries

WE have 700 of these Radios returned from a 30 day lease and are in brand
new condition
and in the orignal packing

SEA 700 220 MHz Trunked / Conventional

FREQUENCY RANGE POWER OUTPUT

RX 220 - 221 MHZ | Hi 2 watts pep
TX 220 - 222 MHZ |

with charger and spare batteries

WE have 160 of these Radios returned from a 30 day lease and are in brand
new condition
and in the orignal packing

FOR pricing info please contact

Talin Technologies

1730 IH 30
Rockwall ,Texas 75087

Phone 214 722 3134
Fax 214 722 3136

email to talin@gte.net

4915. The person who helped with Cubic info???????

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: webteck@usa.net
Message-ID: <325E64BD.7A45@usa.net>
Source record: 215046

Last week (10/1 - 10/4) I put a plea for help for info on Cubic Electronics in Ocean Side, Ca. Some very nice gentleman gave me the info I needed. I have since had a complete system crash and lost ALL my messages...in fact I lost 2 hard drives with everything on them. The only thing I remember about the message was that his address started with something like "HONT"..his name was Loenk (?), The important thing was, he gave me the name of a guy that had worked for Cubic. He said the guy still repaired Cubic radios for a fair price. H ealso said the guy had a fax on during the day but in the evening it was off line. He gave me the telephone number and all the info I needed. I can't remember which newsgroup it was in. If he will PLEASE contact me again I would appreciate it very much. I need the same info again.

I am posting this to all the ham and radio newsgroups to find this good samaritan again. I sent him a thank you message, but of course that is also gone now so I can't get the address from there.

Tommy Statham
N5HTQ

4916. The person who helped with Cubic info?????????????

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: webteck@usa.net
Message-ID: <325E661C.4509@usa.net>
Source record: 215047

Last week (10/1 - 10/4) I put a plea for help for info on Cubic Electronics in Ocean Side, Ca. Some very nice gentleman gave me the info I needed. I have since had a complete system crash and lost ALL my messages...in fact I lost 2 hard drives with everything on them. The only thing I remember about the message was that his address started with something like "HONT"..his name was Loenk (?), The important thing was, he gave me the name of a guy that had worked for Cubic. He said the guy still repaired Cubic radios for a fair price. H ealso said the guy had a fax on during the day but in the evening it was off line. He gave me the telephone number and all the info I needed. I can't remember which newsgroup it was in. If he will PLEASE contact me again I would appreciate it very much. I need the same info again.

I am posting this to all the ham and radio newsgroups to find this good samaritan again. I sent him a thank you message, but of course that is also gone now so I can't get the address from there.

Tommy Statham
N5HTQ

4917. Burt Fisher not arrested yet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: n1btq@tiac.net
Message-ID: <53lqge$qeq@news-central.tiac.net>
Source record: 215048

Burt Fisher K1OIK@ccsnet.com <----- Hams this is a "teacher"

Would you beleive parents trust their children alone with him?

4918. Re: What is HAM

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct11.130153.8865@ke4zv.atl.ga.us>
Source record: 215049

In article <53jera$gs0@oasis.novia.net> pschleck@oasis.novia.net (Paul W Schleck KD3FU) writes:
>In <1996Oct10.155149.5075@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>>Oh, oh, here we go again. The short *correct* answer is that no one
>>knows how this term started, or how it became accepted to mean amateur
>>radio operator. There are, of course, a number of theories.
>
>>One popular theory is that it is the amalgam of the initials
>>of the last names of three Harvard students who supposedly had
>>an amateur station in the teens. Their names were supposedly
>>Hyman, Almay, and Murray, and they operated the little station
>>with a call sign of HAM. Supposedly, an impassioned speech was
>>made on the floor of the US Congress about little station HAM
>>during the early fight to eliminate amateur radio (by placing
>>all radio under the control of the Navy). This speech supposedly
>>turned the tide and defeated the bill eliminating the amateur
>>service. The problem with this theory is that an exhaustive
>>search of the Congressional Record turns up no such speech,
>>and Harvard has no record of little station HAM.
>
>The accuracy of the Congressional Record in the early part of this
>century also makes it a dubious tool of proof (though obviously the lack
>of record would be a plausible disproof).
>
>Before reforms were enacted in this century, rules of Congress were lax
>enough that just about anything could be read by a member into the
>record whether it was actually said on the floor of Congress or not.
>
>The potential for abuse is obvious, as many members of Congress could
>appease constituents and special interests by claiming to have made an
>impassioned plea for their cause on the floor and pointed to "the
>record" as proof. This led to many obviously ridiculous matters "of
>record," such as speeches made by members days or weeks after they
>boarded a plane or boat which crashed or sank, killing them.

Actually, this practice appears to have started in earnest near
mid-century, and continued until 1994 when the House rules were
revised to indicate that an addition was post hoc. Members can
still insert post hoc comments in the Record, but no longer as if
they were part of the actual floor debate. But the actual transcripts
of debate on the floor have always been in the Record whether other
things were added later or not. If the speech were made, it would be
in there. But it isn't in there.

>>Another theory holds that it derives from what commercial
>>operators called amateurs. They referred to them using the
>>old telegrapher's insult of "ham fisted", meaning that they
>>weren't of professional skill. This may be the true origin
>>of the term, but it seems unlikely that amateurs would willingly
>>adopt a term meant to be insulting to them as their name.
>
>I had an English professor back at UMD who pointed out that "bad" or
>"insulting" words sometimes fall into a period of disuse, and that
>disuse cause them to become obscure, setting the stage for them to be
>(ironically) resurrected with more polite, or merely self-deprecating,
>meanings. Consider, for example, the word "naughty." In Shakespeare's
>time, it directly translated as "evil" or "demonic," and therefore fell
>out of polite usage. In current usage, it's much more benign, and often
>used to good-naturedly scold friends or children.
>
>It would not be implausible then, for what started out as an insult to
>later become adopted by the target group as a self-deprecating nickname
>to be worn with pride.

As we know, "bad" can mean "good" in street lingo. Gangs and military units have adopted rather insulting names from time to time as a sort of "in your face" rebuttal to those originally casting the insult. So this is a plausible explanation. Another usage of "ham", in the acting profession, might also be the origin of the term. The World Book Dictionary backs this version, suggesting that the slang terms "ham actor", "hamming it up", and "radio ham" all have the same origin (that of overstating their skills and abilities).

>>A third theory derives from the fact that Hugo Gernsback published
>>a magazine called Home Amateur Mechanic in the early days of radio
>>and it included many radio construction projects. Thus when asked
>>what sort of radio a person had, he might send back that he had
>>one of those HAM radios (using just the initials of the magazine
>>name in true CW shorthand fashion). I like this explanation best.
>
>Here's a few more apocryphal (read: likely wrong) ones:
>
>- Home Audio Modulation (variation on the Hugo Gernsback story; has
> anyone confirmed that the Home Amateur Mechanic periodical actually
> did exist? It has the speciously-documented flavor of the "HAM/
> Congressional Record" story)

Home Amateur Mechanic magazine most certainly did exist. It was one of many magazines published by Gernsback. And it did have many radio construction articles. Whether it is the origin of the term or not isn't documented, but it did exist, and it did publish a lot of radio plans in the early days (pre-WWI). After WWI, Gernsback split the magazine into two parts. I don't recall the new name for the radio side, but it continued to exist. I think it eventually became either Popular Electronics or Radio and Electronics. I recall that one of them had the Gernsback logo in its masthead in the 1960s.

>- From the Cockney pronunciation of L'Amateur

I think this is almost certainly not the origin of the term. It was
in common use in the US from very early times, before trans-Atlantic
contacts between amateurs occurred. The largest group of radio amateurs
in the early days was in America, thus I'm pretty confident that the
origin of the term "ham" is American.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4919. Re: Is equipment building and repair a lost art? Your comments, please.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: tiemann@spot.Colorado.EDU
Message-ID: <53lu0v$1fl@peabody.colorado.edu>
Source record: 215050
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

In article <wa2iseDz2v7s.A5M@netcom.com>,
Robert Casey <wa2ise@netcom.com> wrote:

>Right now, I'm playing around with an old early 60's AA5 AM tube radio,
>substituting sub-mini "pencil" vacuum tubes for the standard 7 pin tubes
>(using a heater voltage transformer to run the 12V and 6V heaters). No
>'real' reason, other than making a radio that might have been manufactured
>if semiconductors had not been invented, and sub-mini tubes being the
>"next generation" of tubes for AM radios (assume that mass production of
>pencil tubes would get the cost down).

I'm trying to take a 90's approach. Just got in my box of minicircuits
VCOs, and made a logarithmic amp from the National Semiconductor data
sheet for one of their opamps... Together with info gleaned from KK7B's
direct conversion receiver, a spectrum analyzer is my next project.

With a VCO and a mixer, a nice 0-50 MHz VFO should take up the size of a
pack of cigarettes, and is also on the project list.

>Having fun.

Some things never change.

Bruce
N6URH

4920. HELP I/D this printer?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: subbustr@whidbey.net
Message-ID: <53lu70$fu9@news.whidbey.com>
Source record: 215051
Cross-posted to: whidbey.general.seattle.forsale.computers,rec.radio.swap,sci.electronics.repair,rec.radio.amateur.misc

I have a BUSINESSLAND BL 45 LQ printer can can't seem to
config or find the correct printer driver?? Looks like a normal
typwriter carriage with round disk font wheel. HEAVY also!!.
Tryed everything I cud..NEED a manual I guess??

Has 2 rotory dials: (1) labeled 0-9 + A-E
(2) labeled 0-9 only

Also has 2 dip switches: Labeled OPEN #1 + #2
Has a code that appears to be related to the dip switches.
Labeled: ASF B1- ASF A1- ASF B2 - SPK/RF

Plse advise any help in mak'in it work?? thanks dave

Oak Harbor, WA USA
Ham Radio - VE7-LFA/W7
subbustr@whidbey.net

4921. Re: SCREW THE CODE!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: Jeff King <jeff@mich.com>
Message-ID: <325E8877.2AAB@mich.com>
Source record: 215052

Carl Stevenson wrote:
>

>
> The thing that concerns me about this insistence some people have about
> saying "It's ONLY a hobby ..." is that some day, the FCC may just hear
> that and listen ... when that happens, our bands are history ... there
> is NO WAY that the regulators can justify our allocations for a hobby.
> Period. End of story. Fact. (Ask Phil Kane if you don't believe me.)
>
> Carl - wa6vse
> carl@ais.net

If it could be shown that the "hobby" generated sufficent revenue, and
a real commercial lobby existed, then believe the allocations could
be justified. Do I think this will happen anytime soon? No. I'm still
seeing 'hams' chasing off "digital experimenters" when they ask
questions
on some of the amateur newsgroups. If 'ham' radio can ever drop its
socialist mindset, (PROFIT = dirty word) we
might have a chance of having a viable service that can stand on
its own two feet.

Sadly, I must agree with you at this time.

-Jeff wb8wka
mailto:jeff@mich.com

4922. Gate 2 being issued?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: k0hb@hamlink.mn.org
Message-ID: <845025912.AA07437@hamlink.mn.org>
Source record: 215053

JOHN MITCHELL asked:

JM> Happened to spot an apparent Gate two call N6DW in Thursday's
JM> run. Issued on 10/8 to an individual with first and last
JM> initials DW. Now this could be a relative's or previously-held
JM> call, I suppose, but wonder if this is one of early Gate two
JM> issues?

False alarm, John. That transaction was not a "vanity" action
but just a renewal.

73, de Hans, K0HB

4923. HAMFEST - Lindenhurst, LI -Oct 27,1996

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: Tom Carrubba <tomcar@li.net>
Message-ID: <01bbb79c$05c50600$924aadc7@tomcar.li.net>
Source record: 215054

Sunday Oct 27,1996 9am-4pm

Great South Bay Amateur Radio Club Joint
HAMFEST / COMPUTER SHOW

At the Knights of Columbus Hall
400 South Broadway
Lindenhurst, NY

General admission: $5.00

ARRL APPROVED HAMFEST

All In-Doors. Eighty (85!) tables. Featured items will be:

Computers and accessories, Software.
Books - Technical manuals
Radio equipment, Electronic components,
ARRL Information, VE Exams(12 NOON),
Flea Market.

Vendor information:
Tables (2.5' X 8') $15.00 advanced payment, $20.00 at the hamfest door.
Each space admits one person. Additional personal $5.00. No tables
reserved unless prepaid. Limited electricity available. .
Doors open for sellers at 7:30am.

Food service provided during Hamfest by members of the Knight of
Columbus Council.

Directions:

Southern State Parkway -Exit 35 (WELLWOOD AVE.) SOUTH, crossover
NY 27 (SUNRISE HWY). Continue SOUTH to south side of RAILROAD,
make RIGHT onto HOFFMAN AVE. Continue WEST 3 blocks to SOUTH
BROADAWY, turn LEFT. Go past traffic light 2 BLOCKS.
Knights of Columbus Hall is the LEFT SIDE of street.

Sunrise Highway (NY 27) -to WELLWOOD AVE. Go SOUTH, follow directions
as above.

Montauk Hwy (Merrick Rd.) - Direct to SOUTH BROADWAY, 3 blocks WEST
of WELLWOOD AVE.

Talk in on WB2FKZ/R 146.685 (PL 4Z - 136.5 Hz) and 223.86 (Open Carrier)

Additional info: Telephone evenings only! (7pm-10pm):
Walt Wenzel, KA2RGI (516) 957-0218
Lou Meister, N2YBX (516) 842-9159

GSBARC ONLINE - http://www.li.net/~tomcar/gsbarc.htm

73
Tom Carrubba KA2DFO
President, GSBARC

4924. Re: Gate 2 calls?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-11 00:00:00 UTC
From: Robert Barron <barron@liant.com>
Message-ID: <325E8395.B1E@liant.com>
Source record: 215055

Jerry Flanders wrote:
>
> Several "W" and "K" 1x2 new calls showed up on today's "Daily FCC
> Update" on the WWW QRZ call server. I checked a few of them and found
> they were issued 10/8.
>
> Looks like the Gate 2 logjam has finally broken. I had expected new
> calls to all show at once, rather than piecemeal.

Actually I think Gate 2 calls are still not being issued. I looked at the calls issued on 10/9 and all of them list "close relative" as the reason for getting the call so they're still Gate 1.

Guesses range up to a couple of weeks before the FCC gets all of the Gate 2 applications entered into the computer. Only then will the lottery take place.

73,

Robert KA5WSS
barron@liant.com

4925. Ham Radio Antenna Tuner for Sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: "Stuart R. Crawford" <srcrawford@cwave.com>
Message-ID: <325FDA8C.3FD0@cwave.com>
Source record: 214857
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,wpg.general,calgary.general,niagara.general,can.forsale

I have for sale a Vectronics VCI300 Antenna Tuner for HF for sale

Original Cost 1 year ago $250.00
Willing to let it go for $150.00

Please contact Stu at srcrawford@cwave.com

Cheers

Stu

4926. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: faunt@netcom18.netcom.com
Message-ID: <FAUNT.96Oct12121008@netcom18.netcom.com>
Source record: 214858

From: tgold@microvst.demon.co.uk ("Anthony R. Gold")

> When I changed my mailing address (about one year prior to renewal)
> the FCC also renewed my license; it's new expiration date is in 2006
> rather than in 1997. So it's possible that the anniversary and renewal
> dates will coincide.

An interesting theory. Can any beneficiary of a Gate 1 or 1A call
change tell us if their new license was for a new full 10 year term?

A friend of mine got her father's old call in June, and her license is
good for ten years from that date.
73, doug

4927. Re: What is HAM

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: KD1YV <jimkd1yv@ix.netcom.com>
Message-ID: <325FE6E9.5AE6@ix.netcom.com>
Source record: 214859

Gary Coffman wrote:
{snip}
> The problem is, we don't know that it didn't start out as an acronym.
> If we believe the Harvard radio station story, it was, or if we buy
> into the Home Amateur Mechanic story, it was. If we accept it as an
> insult, as in "ham fisted" or "ham actor", then it wasn't an acronym.{snip}

Does that mean that it could be just another TLA*?

--
73 de Jim, KD1YV

*TLA - Three Letter Acronym
:-)

4928. Re: Ham Gear for Sale....

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: subs@ro.com
Message-ID: <53otru$jss@news.ro.com>
Source record: 214860
Cross-posted to: rec.ham-radio,rec.ham-radio.swap,rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.swap,rec.radio.swap

farmboy@rollanet.org (Jim Roberson) wrote:

>I have the following Ham Gear FOR SALE....

>Kenwood TS-450AT w/ narrow SB Filter and Heil Desk Mic. It's in
>Mint Condition and works fine. Price: $ 750.00 + shipping

>Nye Viking Roller Inductor Tuner Model MB-V-A . Great Shape & Works
>Fine. Price: $ 400.00 + shipping

>Henry 2k-4 Console Amp. Has new transformer. Works Great and Looks
>just as good. Because of size this is pickup only.... Price: $ 750.00

>Reason for selling is that I just got married a few months ago and
>either the Ham Gear or me go.

>Make all replys to:

>farmboy@rollanet.org

>Thanks for reading....

>Jim

What a wimp. I wouldn't let the door hit her in the butt.

4929. Re: Can Amatuer Radio survive ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: carl@ais.net
Message-ID: <53ov81$9ph@news.ais.net>
Source record: 214861

In <53o7dk$5qd@nntp-3.io.com>, kk5dr@io.com writes:
>Will it be alive, as we know it, in 10-20 yrs.? Your opinions please.

Emphatically no, not "as we (collectively) know it today."

If fact for amateur radio to survive at all, we do a lot of catching up with the rest of the world in a technological sense and make some major corrections to both our "self-image" and our public image.

For the most part, in technology, where hams USED to be the leaders and inventors, we're now the (reluctant) followers, at best ... the outright resistors, in many cases ...

Our use of sprectrum is abysmally inefficient ... the Part 90 Public Mobile Radio Services have new standards in place that will force them to be at least 4-6 times as efficient in their use of spectrum than current "narrowband FM" technology used at VHF/UHF ... we need to do as well or better, or the regulators will soon view us as backward and wastefull ... this will lead to loss of VHF/UHF/microwave spectrum through reallocations and auctions ... the response to this threat is simple ... we need to invent (or at least adopt) new techniques that put ua at the forefront of spectral efficiency, rather than the dark ages, and we need to complement this with SIGNIFICANT growth to boost our numbers.

HF, while "safe" from threats at this instant, will come under increasing pressure as commercial and government users realize that satellites are not the panacea they were once thought to be. Using new technologies, HF can be very cost-competetive and efficient for many types of long-haul point-point and point-multipoint operations. Our HF bands WILL come under pressures ... again the necessary response to the threat is adopting better technology and increasing our numbers.

Our "self-image" is a BIG problem.

Far too many in our ranks have come to view ham radio as "just a hobby."

This is NOT how the regulations spell thing out ... the Amateur Radio Service, as defined in Part 97 of the FCC's Rules, is a SERVICE, with clearly delineated justifying purposes and goals ... NOWHERE is the word "hobby" seen even once ... there is also NO mention of contests, chasing DX, or even rag-chewing, though those activities are not specifically prohibited.

The problem arises because the vast majority of current hams think "it's just a hobby" and have convinced themselves that contests, chasing DX, and such ARE the REASON FOR BEING of the Amateur Radio Service ... To

quote Bruce Willis "BZZZZZZZZTTTTT, WRONG ANSWER!!!!!"

Too damned many current hams, particularly OTs with higher classes of license, think that the bands are "theirs" ... that they are "owed" the use of the spectrum ... and that the REAL reason that ham radio exists is for their personal enjoyment, as exemplified by their participation in the (insert name of contest here) or some similar gaming activity. They proudly show their collection of "wallpaper" which attests to "their tremendous accomplishment" of contacting ### countries. (BFD ... this IS the 1990s!!!)

This attitude has caused MANY problems in ham radio today, and we have to change the attitude and solve these problems if we're to stand a chance of survival in the future world of increasing demands for communications services and the attenant pressures to "find homes for" new services (in a spectram allocation sense).

In this area, we need to retrain those who think "it's just a hobby" so that they realize their responsibilities to the service and the community ... that they have a "debt to society" to pay through self-education, technical advancement, and public service and emergency communications in exchange for the use of so much extremely valuable spectrum.

This is, obviously, not a complete solution to each and every problem in ham radio ... that would take a lot more space than this, but it's a starting point for discussion in the areas that need the most attention.

Carl - wa6vse
carl@ais.net

4930. FCC Has My Money

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: smithson@lafayette.wireline.slb.com
Message-ID: <53n7ki$ae1@ohnasn01.sinet.slb.com>
Source record: 214862

FWIW, just got my bank statement and the FCC has already deposited my $30 so at least I got confirmation the envelope was received. Wonder how much longer.

Tony KN4TX

4931. Re: FCC Issuing Vanity Calls?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: kors@netcom.com
Message-ID: <korsDz6pGJ.Ms2@netcom.com>
Source record: 214863

```
: "investigation" on some of these recent gate 1 "snaches." NOT ME, of
: course :-) I haven't seen any of MY personal choices get taken yet :-)

Is that N zero T ME by the way?

dk
```

4932. Re: Ham Gear for Sale....

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: Dick Flanagan <dick@merlin.libelle.com>
Message-ID: <32602C7E.3610@merlin.libelle.com>
Source record: 214864
Cross-posted to: rec.ham-radio,rec.ham-radio.swap,rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.swap,rec.radio.swap

Jim Roberson wrote:
>
> Because of size this is pickup only....

Naturally you don't tell us where you live.

> Reason for selling is that I just got married a few months ago and
> either the Ham Gear or me go.

Me thinks you married unwisely. :^)
--
Dick Flanagan W6OLD CFII (dick@merlin.libelle.com) Minden, Nevada

4933. 435 Reapeater in So Cal

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: Jay123a <jay123a@gargamel.ptw.com>
Message-ID: <32602d47.0@mothra.westworld.com>
Source record: 214865

God Bless you Frank KEK, tell them like it is, Hose says hello.

Jay.

4934. STUDY AMATEUR RADIO SKILLS AT HOME

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: comtutor@aztec.co.za
Message-ID: <53p982$58e@aztec.co.za>
Source record: 214866

OBTAIN THE SKILLS TO TAKE YOUR AMATEUR RADIO LICENCE VIA DISTANCE EDUCATION FROM THE HOME STUDY COLLEGE OF SOUTHERN AFRICA

FOR A DETAILED PROSPECTUS E-MAIL US TODAY WITH YOUR FAX NO OR POSTAL ADDRESS

4935. Re: Code or No Code...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: bgeiger@yhc.EDU
Message-ID: <01BBB877.1E94AE20@yhc.yhc.edu>
Source record: 214867
Body handling: 1 inline base64-encoded payload block was not displayed

Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Let's face it... code is becoming more of an "obstacle" than it was =
before. Hams sit around and want to get all of their privileges for =
knowing some simple electronic basics. I FULLY support the code test. =
Even though I only have a Tech Plus and know the theory for General, I =
want to work for it. Hams should have to work to get their licenses. =
I feel the current system is fine... an entry-level license with VHF =
capabilities, and code tests for the rest. Morse is readable under all =
conditions. The main reasons for hamming are, in order of importance:

1. Emergency Communications
2. Technical Development
3. Personal Communications

(pardon if I forgot one)

But... as you can see... emergency communications is #1 on the list. =
Morse is *THE* most readable type of communication under extreme QRM. =
And, most home-brewers learn by building a Morse transmitter and =
receiver. If we abolish the code test, we eliminate the primary =
introduction most hams get to Morse. I remember this one thing I read, =
and *NO*, I don't remember where, but someone's Jeep rolled over, and he =
couldn't talk for some reason, but he sent Morse with the RTL. (PTT for =
most of us) (RTL =3D Release To Listen HI HI HI). I admit, I don't know =
Morse very well, but I know it some. I have a Tech Plus ticket to prove =
it. Anyone want burnt spam? (I'll probably be spammed and flamed over =
this...)

Benjamin Geiger, KE4EUJ
bgeiger@yhc.edu

[Inline base64-encoded payload not displayed]

4936. Re: Ham Gear for Sale....

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: bbaka@syix.com
Message-ID: <N.101296.104118.98@treasure-d18.syix.com>
Source record: 214868
Cross-posted to: rec.ham-radio,rec.ham-radio.swap,rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.swap,rec.radio.swap

I have the following Ham Gear FOR SALE....
>
> Kenwood TS-450AT w/ narrow SB Filter and Heil Desk Mic. It's in
> Mint Condition and works fine. Price: $ 750.00 + shipping
>
> Nye Viking Roller Inductor Tuner Model MB-V-A . Great Shape & Works
> Fine. Price: $ 400.00 + shipping
>
> Henry 2k-4 Console Amp. Has new transformer. Works Great and Looks
> just as good. Because of size this is pickup only.... Price: $ 750.00
>
> Reason for selling is that I just got married a few months ago and
> either the Ham Gear or me go.

Hey, fair is fair, make her give up all her hobbies too, and see what she says then. It goes both ways.

Bill

4937. 3000+ Vintage Manuals Available at sarrio.com

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-1210961732000001@host58.cyberg8t.com>
Source record: 214869

If you need a source for vintage radio manuals Ham/scanner/military/and commercial visit "The Raymond Sarrio Company" web site at http://www.sarrio.com. I have over 3000 manuals listed on-line. I can normally get manuals shipped within 2 business days, and I guarantee 100% customer satisfaction. 73's Ray
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront and web site developer. Located at http://www.sarrio.com.

In association with Brillar Enterprises http://win-win.com/brillar provider of discount CD-Roms!
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The Raymond Sarrio Co. a full feature Ham Radio Storefront and web site developer. Located at http://www.sarrio.com.

In association with Brillar Enterprises http://win-win.com/brillar provider of discount CD-Roms!

4938. Re: Can Amatuer Radio survive ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: hamman67@aol.com
Message-ID: <53pf8l$rtv@newsbf02.news.aol.com>
Source record: 214870

Carl Stevenson wrote:

<If fact for amateur radio to survive at all, we do a lot of catching up
<with the rest of the world in a technological sense and make some major
>corrections to both our "self-image" and our public image.>

>For the most part, in technology, where hams USED to be the leaders and
>inventors, we're now the (reluctant) followers, at best ... the outright
>resistors, in many cases ...

--Snip rest--

Well Carl you said it all and you said it well...
the days when we could do as we please so to speak with Bandspace are gone
and if we don't start to earn it with some of the things you outlined in
your reply
the only 'contest' we will be involved with is how many bands we can lose
the fastest....

73 de KB2TMA Rich

4939. US License Examination Opportunities Scheduled 10/12/96 to 12/31/96

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: "Bart Jahnke, KB9NM ARRL/VEC" <vec@arrl.org>
Message-ID: <32603AC5.3EAD@arrl.org>
Source record: 214871

This page was last revised October 12, 1996.

You can Email the ARRL/VEC (or this page's content
administrator) at "vec@arrl.org".

*****>> When viewing this list, if the list appears to be cut
off (stops somewhere in the middle of the state's listings)
try downloading the entire file then viewing it off line.
Some WEB browser programs have exhibited this problem.

****

Have you recently passed your test? Find out your new call sign and/or
license privileges using the following World Wide Web URL (or by using
the phone number shown below):

http://www.ualr.edu/~hamradio/

or look for this link from the ARRL WEB page at

http://www.arrl.org/

At ten (10 days) after the test session call 860-594-0300.

****

AMATEUR RADIO EXAMINATION OPPORTUNITIES

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Want to find out what if your new FCC license has been granted?
Has it been 10 days since you took you examination?

If so, Call ARRL at 1-860-594-0300 (8 am to 9 pm weekdays, eastern time)
to find out. We suggest that you not call the FCC (should you choose to
call the FCC at 1-800-322-1117 during business hours, be aware that their
number is normally busy).

Your hardcopy (printed) license would follow shortly after the license
grant is indicated in the FCC Amateur Service data base.

If your test was coordinated through the ARRL/VEC, license turnaround
time will be approximately 7-15 days. This includes 1-5 days for the
VE team to complete their processing (the team has up to 10 days before
they must mail the results), 3-5 days between the VE team and the VEC;
2 business days at the VEC (in some cases only 1 day); and 1-3 business
days at the FCC. Allow 5 business days from the date that the VE team
estimates the test session results will reach the VEC.

****

NEED AN FCC FORM 610?

The ARRL/VEC can supply you with your needed Forms 610, whether they be for the Reciprocal Permit for Alien Amateur Licensee, Form 610-A; Club/Military-Recreation/RACES station, Form 610-B; or Form 610 for Amateur Operator/Primary Station License. FCC Form 610-R is a computer generated renewal form that will be sent from the FCC (beginning September 1995) to licensees whose license is to expire within 90 days. Form 610-V is the special application for persons seeking a Vanity call sign (see below).

Several FCC forms, including Form 610, are available through the FCC's fax-on-demand service by calling 202-418-0177 (request form "000610" for Form 610, form "006108" for Form 610V).

You can obtain FCC Form 610V along with FCC form 1070V and FCC vanity call sign information fact sheet PR 5000, number 206v) by writing ARRL, 225 Main Street, Newington, CT 06111. You must include an SASE.

Form 610 or other forms, including Form 610V, are also available from the FCC via the internet at:

http://www.fcc.gov/Forms/

or

ftp://ftp.fcc.gov/pub/Forms/

The FCC Forms Distribution Center will accept FCC forms requests by calling 800-418-3676.

****
VANITY CALL SIGNS - SUBMITTING YOUR APPLICATION VIA THE WORLD WIDE WEB

Vanity Call Signs can also be applied for, in the appropriate eligibility Gate, at the appropriate time, by using the following URL:

http://www.fcc.gov/wtb/amradsrv.html

****

STILL NEED TO PREPARE FOR YOUR EXAM?

If you would like information on how to become licensed; or how to locate Amateur Radio clubs, instructors, licensing classes and/or Novice examiners in your area; please contact the ARRL Educational Activities Department (EAD) at 860-594-0301. The EAD can also provide information on recommended study materials. Electronic mail may be forwarded to the ARRL EAD via USENET at "ead@arrl.org" or via MCI Mail to MCI ID: 215-5052.

****

THINGS TO BRING TO EXAMINATIONS

Bring a photo ID along with a second form of identification (else bring two non-photo forms of ID); bring your original FCC license and a photocopy of your license (if you are currently licensed); bring the original and a copy of any Certificate(s) of Successful Completion of Examination (CSCEs); if necessary, bring a scientific calculator (that does not have the ability to store formulas); bring a pen and two pencils; and be sure to bring payment for the test fee if charged by the VEC.

****

EXAMINATION CREDIT IS AVAILABLE AS FOLLOWS

By presenting an original, current FCC-license, the following exam credit will be conveyed to the applicant by the VE Team:

Novice - Elements 1A and 2
Technician (dated after 2/14/91) - Elements 2 and 3A
(*)Technician (dated before 3/21/87) - Elements 1A, 2, 3A and 3B
Technician Plus - Elements 1A, 2 and 3A
General - Elements 1B, 2, 3A and 3B
Advanced - Elements 1B, 2, 3A, 3B and 4A
Extra - All elements

Footnote:

(*) For grandfather Element 3B credit, only an original license or a copy which was issued on or before 3/21/87 is acceptable by VEs. VECs may be able to allow such credit based upon an original CSCE issued on before that date which shows Element 3 credit for passing the (then) 50 question Technician/General written test. If such documentation has been destroyed, the FCC will itself issue the necessary verification. To obtain such verification, acceptable by all VE Teams and VECs, write to FCC and request a "Letter of Verification of Technician License Held Prior To March 21, 1987". Mail (or fax 717-337-1541) your request to: FCC, 1270 Fairfield Rd, Gettysburg PA 17325-7245. If you include reference to a fax number in your reply, the FCC will fax your verification letter to you. Normal turnaround at FCC is 3-5 business days after receipt.

By presenting an original Certificate of Successful Completion of Examination (CSCE), the following credit is conveyed:

* For Technician licensees: A CSCE showing Element 1A, 1B or 1C credit qualifies the holder for Technician Plus HF privileges. The CSCE may have been issued more than 365 days earlier.

* For others: A CSCE issued up to 365 days earlier conveys credit for the element(s) shown as passed. A Physician's Certification on a Form 610 is acceptable by a VE Team for 365 days after the Physician's signature date. Once accepted by the VE Team, assuming the applicant qualifies for a General or Advanced license,

a CSCE is issued showing Element 1C (or "Physician's Cert. and Release: 1C") credit is valid for 365 days toward an Extra class license.

****

LOST LICENSES

If you have lost your license, you can obtain a duplicate by writing to: FCC, 1270 Fairfield Rd, Gettysburg PA 17325-7245; indicating that you lost your license and that you are requesting that a replacement license be issued to you. You may fax your request to FCC at 717-337-1541.

****

ACCOMMODATIONS FOR THE HANDICAPPED OR DISABLED

The FCC requires that the administering VEs must accommodate an examinee whose physical disabilities require a special examination procedure. To do so, the administering VEs may require a physician's statement indicating the nature of the disability before determining which, if any, special accommodative procedures must be used.

The VEs may accommodate handicapped/disabled examinees by administering the examination at a place convenient and comfortable for the examinee--even at bedside; for the hearing impaired the Morse code may be sent using flashing lights or a vibrating surface; for the visually impaired, VEs may read or write for the examinee; where warranted, the VEs may pause the Morse code message after each sentence/phrase, or each word, or even after each character to allow the examinee additional time to absorb and interpret what was sent--also the VEs may substitute a sending test for a receiving test where the examinee's handicap warrants.

VE Teams may need advanced notice in order to provide the necessary accommodations to examinees who require them. If you will require accommodations, please contact the VE Team in advance to advise them of your needs.

EXEMPTION OF THE 13/20 WPM MORSE CODE REQUIREMENTS

If you are a severely handicapped or disabled individual and have already passed at least a 5 WPM Morse code examination (or hold a license which meets that requirement), you may be eligible for exemption from the 13/20 WPM Morse code examination requirements. See the back of a current FCC Form 610 for details.

****

The following test session information is provided by the
ARRL/VEC for the upcoming eight to twelve week period. For
further information, please contact the test session CONTACT
PERSON at the telephone number provided. If necessary, you
may contact the ARRL/VEC at 860-594-0300 for additional
information. Electronic mail may be forwarded to the ARRL/VEC
via USENET at "vec@arrl.org" or via MCI Mail to
MCI ID: 215-5052.

Although the test session information presented here does
not indicate whether walk-ins are accepted or not, most test
sessions do allow walk-ins. We encourage you, however, to
always contact the CONTACT PERSON at the telephone number
provided so that the VE Team is aware that you be attending
the test session.

EXAM LISTINGS - DEFINITION OF FIELDS

STATE
Test Date,VEC,City,Zip-code,Contact Phone,Contact Person

The SECOND field in the following listing specifies the VEC
which is coordinating this examination. This single-character
designator denotes the VEC as defined below. An "A" (for example)
indicates that this examination is coordinated by the ARRL/VEC.

For further information on any examinations listed, or if you do not
find any examinations listed for your area, you may contact
any of the coordinating VECs below.

A = ARRL/VEC, 225 Main St, Newington, CT 06111; (d) 860-594-0300
The 1996 test fee is $6.05.

X = Anchorage ARC, 2628 Turnagain Parkway, Anchorage, AK 99517;
(d) 907-786-8121, (n) 907-243-2221 (or) 907-276-5121
(or) 907-274-5546. No fee.

C = Central Alabama VEC Inc., 1215 Dale Dr SE, Huntsville, AL 35801;
205-536-3904

E = Golden Empire ARS, PO Box 508, Chico, CA 95927; No phone.

G = Greater Los Angeles ARG, 9737 Noble Ave, Sepulveda, CA 91343;
818-892-2068, 805-822-1473.

J = Jefferson ARC, PO Box 24368, New Orleans, LA 70184-4368;
504-832-6803

K = Koolau ARC, 45-529 Nakuluai St, Kaneohe, HI 96744;
808-235-4132

L = Laurel ARC Inc., PO Box 3039, Laurel, MD 20709-0039;
(d) 301-572-5124, (n) 301-317-7819 or 301-588-3924

M = The Milwaukee RAC Inc., PO Box 25707, Milwaukee, WI 53225;
414-466-4267.

H = Mountain ARC, PO Box 10, Burlington, WV 26710; 304-289-3576,
301-724-0674

P = PHD ARA Inc., PO Box 11, Liberty, MO 64068-0011; 816-781-7313

R = Sandarc-VEC, PO Box 2446, La Mesa, CA 91943-2446; 619-465-3926.
No fee.

S = Sunnyvale VEC ARC, PO Box 60307, Sunnyvale, CA 94088-0307;
408-255-9000. The 1996 test fee is $6.00.

T = Triad Emergency ARC, 3504 Stonehurst Pl, High Point, NC 27265;
910-841-7576

W = Western Carolinas ARS VEC, 5833 Clinton Hwy - Suite 203,
Knoxville, TN 37912-2500; 423-688-7771. The 1996 test fee is $6.05.

5 = W5YI-VEC, PO Box 565101, Dallas, TX 75356-5101; 817-461-6443
The 1996 test fee is $6.05.

EXAMINATION OPPORTUNITIES IN YOUR AREA:

ALASKA
10/12/96,X,Anchorage,99501,907-243-2221,Roger Hansen
11/02/96,X,Fairbanks,99701,907-488-2488,Billy Connor
11/06/96,X,Anchorage,99501,907-243-2221,Roger Hansen
11/06/96,X,Eagle River,99517,907-343-8121,Roger Hansen
11/09/96,X,Anchorage,99501,907-243-2221,Roger Hansen
12/04/96,X,Anchorage,99501,907-243-2221,Roger Hansen
12/04/96,X,Eagle River,99517,907-343-8121,Roger Hansen
12/07/96,X,Fairbanks,99701,907-488-2488,Billy Connor
12/14/96,X,Anchorage,99501,907-243-2221,Roger Hansen

ALABAMA
10/12/96,W,Gadsden,35901,205-492-8194,Gene McGlaughn
10/12/96,A,Scottsboro,35768,2056575204,Albert Bible
10/19/96,5,Sheffield,35660,205-389-8070,John Lambert, Jr
10/26/96,A,Albertville,35950,205-891-4720,William J Lane
10/26/96,A,Montgomery,36106,334-269-4201,Leroy Bell Jr
11/01/96,C,Pelham,35203,205-803-1151,Jim Baker
11/05/96,A,Mobile,36693,334-649-5229,David O Robinson
11/16/96,A,Fort Payne,35967,205-657-5204,Albert Bible
11/16/96,5,Sheffield,35660,205-389-8070,John Lambert, Jr
11/30/96,A,Albertville,35950,205-891-4720,William J Lane
11/30/96,A,Montgomery,36106,334-269-4201,Leroy Bell Jr
12/07/96,C,Birmingham,35203,205-681-3025,Chuck Hendricks
12/14/96,A,Scottsboro,35768,2056575204,Albert Bible
12/15/96,W,Gadsden,35901,205-492-8194,Gene McGlaughn
12/21/96,5,Sheffield,35660,205-389-8070,John Lambert, Jr
12/28/96,A,Albertville,35950,205-891-4720,William J Lane
12/28/96,A,Montgomery,36106,334-269-4201,Leroy Bell Jr

ARKANSAS
10/12/96,A,Benton,72015,501-847-2793,Mike L Porter, Sr

10/12/96,5,Magnolia,65747,501-234-1218,Larry Taylor
10/12/96,A,Siloam Springs,72761,501-524-8090,Michael Diaz KJ5OP
10/19/96,5,Van Buren,72952,501-471-1045,Philip Williams WA5P
10/23/96,5,Bentonville,72758,501-636-7689,Dean Garland
10/26/96,5,Hot Springs,71913,501-760-1181,Charles Jacques
10/26/96,A,Little Rock,72205,501-835-5495,Elisha J "EJ" Dixon Jr
10/26/96,A,Rogers,72756,501-524-8090,Mike Diaz
11/05/96,A,Jacksonville,72076,501-982-6511,Vernon A Oberle
11/09/96,A,Benton,72015,501-847-2793,Mike L Porter, Sr
11/09/96,A,Russellville,72801,501-641-2022,Ben Hillis
11/09/96,A,Siloam Springs,72761,501-524-8090,Michael Diaz KJ5OP
11/11/96,A,Fox,72051,501-363-4383,Jack Oyler
11/12/96,A,Conway,72032,501-329-1451,Glenn A King
11/12/96,A,Paragould,72450,501-236-3921,Dr Jay Springman
11/12/96,A,Searcy,72143,501-729-5489,Roger Gray
11/16/96,5,Magnolia,65747,501-234-1218,Larry Taylor
11/16/96,5,Van Buren,72952,501-471-1045,Philip Williams WA5P
11/23/96,A,Little Rock,72205,501-835-5495,Elisha J "EJ" Dixon Jr
12/03/96,A,Jacksonville,72076,501-982-6511,Vernon A Oberle
12/07/96,A,Jonesboro,72401,501-932-1660,Evelyn E Castleberry
12/10/96,A,Paragould,72450,501-236-3921,Dr Jay Springman
12/14/96,A,Benton,72015,501-847-2793,Mike L Porter, Sr
12/14/96,5,Magnolia,65747,501-234-1218,Larry Taylor
12/14/96,A,Siloam Springs,72761,501-524-8090,Michael Diaz KJ5OP
12/21/96,A,Little Rock,72205,501-835-5495,Elisha J "EJ" Dixon Jr
12/21/96,5,Van Buren,72952,501-471-1045,Philip Williams WA5P

ARIZONA
10/12/96,R,Tucson,85748,602-886-7217,Joe Wong
10/19/96,A,Tucson,85705,520-682-7704,Ronny G Herring
10/21/96,A,Mesa,85207,602-898-4066,Denise M Rospapa
10/26/96,A,Phoenix,85004,602-996-8148,Gary M Hamman
11/02/96,A,Phoenix,85001,602-972-8733,Ray Sumner, NW7R
11/09/96,A,Prescott,86301,602-772-8539,Dave Rutledge
11/09/96,R,Tucson,85748,602-886-7217,Joe Wong
11/09/96,5,Williams,86320,520-637-2358,Jerald Ellison
11/16/96,A,Tucson,85705,520-682-7704,Ronny G Herring
11/18/96,A,Mesa,85207,602-898-4066,Denise M Rospapa
11/23/96,A,Phoenix,85004,602-996-8148,Gary M Hamman
12/07/96,A,Flagstaff,86001,520-774-9221,Robert Eis
12/07/96,A,Phoenix,85001,602-972-8733,Ray Sumner, NW7R
12/14/96,R,Tucson,85748,602-886-7217,Joe Wong
12/16/96,A,Mesa,85207,602-898-4066,Denise M Rospapa
12/21/96,A,Tucson,85705,520-682-7704,Ronny G Herring
12/28/96,A,Phoenix,85004,602-996-8148,Gary M Hamman

CALIFORNIA
10/12/96,5,Anderson,96007,916-357-4834,Albert Simants
10/12/96,A,Bakersfield,93306,805-363-5108,Louis A Roux
10/12/96,5,Bell,90201,213-560-8618,Pedro Cacheiro
10/12/96,5,Brea,92621,310-691-1514,Robert Reitzel

10/12/96,R,Carlsbad,92026,619-747-5872,Louis B Massie
10/12/96,A,Culver City,90230,310-827-2538,Clive Morel AA6TZ
10/12/96,A,Davis,95616,916 756 1977,Ben Norman
10/12/96,A,Fontana,92337,909-823-6818,Louis Johnson
10/12/96,A,Glendora,91740,818-966-7715,Perry Stevens P.R.C.
10/12/96,5,San Pedro,90710,310-325-2965,Elvin Lytle
10/12/96,S,Sunnyvale,94086,408-255-9000,Sunnyvale VEC
10/12/96,A,Torrance,90504,310-328-0817,Joe Lamphen WB6MYD
10/12/96,A,Ventura,93004,805-388-2488,George Kreider III KN6LA
10/14/96,A,Bermuda Dunes,92201,619-345-8780,Don Doughty
10/14/96,A,Glendale,91200,818-247-1126,Joseph Sabutis
10/14/96,A,Palm Desert,92260,619-346-3046,Maureen Hiemstra
10/16/96,A,El Segundo,90245,310-336-0274,Richard D Pruitt
10/17/96,A,El Segundo,90245,310-336-0274,Richard D Pruitt
10/17/96,5,Fountain Valley,92708,714-531-6707,Allan Avnet
10/19/96,A,Clearlake,95422,707-994-1133,Carol Oliver
10/19/96,A,Concord,94527,510-427-4022,Jim Wallace Jr
10/19/96,A,Cupertino,95014,408-243-8349,Emmett Freitas
10/19/96,A,Downey,90241,213-923-5598,Wesley Printz
10/19/96,A,Grass Valley,95945,916-477-1805,Mike Dickinson WD6EVG
10/19/96,A,Petaluma,94954,707-762-9414,Dale Westerterp WB6TMS
10/19/96,S,Redwood City,94063,408-255-9000,Sunnyvale VEC
10/19/96,A,Sacramento,95825,916-483-3293,Lyle Aufranc AA6DJ
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12/25/96,W,Dalton,30721,706-259-5625,Bert Coker
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12/14/96,A,Clinton,52732,319-242-9486,Roger Gorzney
12/14/96,A,Council Bluffs,51503,712-322-1454,Lorraine Bogle
12/28/96,A,Essex,51638,712-379-3614,Ronald D Erickson

IDAHO
10/12/96,A,Boise,83704,208-343-9153,Lem Allen
10/12/96,A,Sagle,83860,208-265-4534,Russell H Arndt
10/19/96,5,Idaho Falls,83451,208-458-4259,William Farley
10/26/96,5,Payette,83661,208-642-2823,James Johnson
11/06/96,A,Athol,83801,208-683-2094,Robert Swain
11/06/96,5,Idaho Falls,83404,208-522-7347,Doug Jenson
11/09/96,A,Sagle,83860,208-265-4534,Russell H Arndt
11/12/96,A,McCall,83638,208-634-4466,Jeremy Alexander
11/23/96,5,Payette,83661,208-642-2823,James Johnson
12/04/96,A,Athol,83801,208-683-2094,Robert Swain
12/10/96,A,McCall,83638,208-634-4466,Jeremy Alexander
12/14/96,A,Sagle,83860,208-265-4534,Russell H Arndt

ILLINOIS
10/12/96,5,Arlington Hts,60004,847-437-1464,Frank Stankiewicz
10/12/96,A,Mt Vernon,62864,618-242-7527,James R Hertenstein
10/12/96,A,Oak Forest,60452,708-448-0580,David Brasel, NF9N
10/14/96,A,Hanover Park,60107,630-483-8523,William Rudd
10/14/96,A,Libertyville,60048,708-362-2328,Gil Pilz Sr
10/15/96,A,Aurora,60540,708-879-2217,Alan Ahasic
10/15/96,A,McHenry,60050,815-678-4276,Jack Hudson
10/18/96,5,Elmhurst,60131,708-678-0580,Raymond Donley
10/19/96,5,Loves Park,61111,815-877-6768,Dennis Eksten
10/19/96,5,Morton,61550,309-266-6756,James Cussey
10/20/96,A,Champaign,61820,217-333-5018,Howard Eskridge
10/22/96,A,Burr Ridge,60521,708-986-0061,Dennis Lamoreaux
10/24/96,5,Glen Ellyn,60138,708-325-5694,Lyle Long
10/26/96,A,Carbondale,62901,618-457-2188,John Mead
10/26/96,A,Chicago,60620,312-233-0605,Harold Pritchard Jr
10/26/96,5,Oak Forest,60462,708-403-3721,Bob Marcheschi
11/02/96,5,Chicago,60628,312-468-4665,Maynard Nelson
11/02/96,5,Hoffman Estates,60007,847-593-8658,Larry Carr
11/02/96,A,Springfield,62703,217-523-5620,Richard F Drew
11/03/96,5,Hillsboro,62049,217-532-6277,David Boyd
11/03/96,A,Paris,61944,217-466-4315,John W Welch

11/03/96,A,West Frankfort,62896,618-982-2286,Brent Stroud
11/06/96,5,Carlinville,62626,217-854-8261,William Ogle
11/08/96,A,Beardstown,62618,217-245-2061,Tim Childers
11/09/96,5,Arlington Hts,60004,847-437-1464,Frank Stankiewicz
11/09/96,A,Lincoln,62656,217-782-9674,Gregory Gobleman
11/09/96,A,Oak Forest,60452,708-448-0580,David Brasel, NF9N
11/11/96,A,Libertyville,60048,708-362-2328,Gil Pilz Sr
11/12/96,5,Taylorville,62568,217-287-1109,David Maskel
11/13/96,A,Chicago,60646,312-465-0981,Michael Leibovitz
11/15/96,5,Elmhurst,60131,708-678-0580,Raymond Donley
11/16/96,A,Bolingbrook,60440,815-723-3332,Dale Onderisin KA9KHX
11/16/96,5,Loves Park,61111,815-877-6768,Dennis Eksten
11/19/96,A,Aurora,60540,708-879-2217,Alan Ahasic
11/19/96,5,De Kalb,60115,815-756-8493,Robin Cross
11/19/96,A,McHenry,60050,815-678-4276,Jack Hudson
11/23/96,A,Chicago,60620,312-233-0605,Harold Pritchard Jr
11/23/96,5,Galesburg,61401,309-342-5977,Larry Heller
11/23/96,5,Oak Forest,60462,708-403-3721,Bob Marcheschi
11/26/96,A,Burr Ridge,60521,708-986-0061,Dennis Lamoreaux
11/26/96,A,Dixon,61021,815-288-4777,James H Higby WB9JMT
12/01/96,5,Hillsboro,62049,217-532-6277,David Boyd
12/01/96,A,West Frankfort,62896,618-982-2286,Brent Stroud
12/07/96,5,Chicago,60628,312-468-4665,Maynard Nelson
12/07/96,5,Hoffman Estates,60007,847-593-8658,Larry Carr
12/07/96,A,Springfield,62703,217-523-5620,Richard F Drew
12/08/96,A,Danville,61832,217-442-3916,Bill KA9DSA for Directions
12/09/96,A,Libertyville,60048,708-362-2328,Gil Pilz Sr
12/11/96,A,Chicago,60646,312-465-0981,Michael Leibovitz
12/14/96,5,Arlington Hts,60004,847-437-1464,Frank Stankiewicz
12/14/96,A,Mt Vernon,62864,618-242-7527,James R Hertenstein
12/14/96,A,Oak Forest,60452,708-448-0580,David Brasel, NF9N
12/17/96,A,Aurora,60540,708-879-2217,Alan Ahasic
12/17/96,A,McHenry,60050,815-678-4276,Jack Hudson
12/20/96,5,Elmhurst,60131,708-678-0580,Raymond Donley
12/21/96,5,Loves Park,61111,815-877-6768,Dennis Eksten
12/21/96,5,Morton,61550,309-266-6756,James Cussey
12/24/96,A,Burr Ridge,60521,708-986-0061,Dennis Lamoreaux
12/28/96,A,Chicago,60620,312-233-0605,Harold Pritchard Jr
12/28/96,5,Oak Forest,60462,708-403-3721,Bob Marcheschi

INDIANA
10/12/96,A,Chesterton,46304,219-762-2887,William Peterson
10/12/96,A,Indianapolis,46202,317-578-0859,Joseph A Cirillo
10/16/96,A,Indianapolis,46201,317-259-7610,Pete Zinkan AA9HK
10/16/96,A,Indianapolis,46290,317-326-6168,Tom Donaldson N9LFU
10/18/96,5,South Bend,46615,219-232-6883,Alan Seifert
10/19/96,A,Franklin,46131,317-784-1044,David A Wendt
10/19/96,W,New Albany,47150,812-246-6377,Dick Truax
10/26/96,A,Frankford,46060,317-325-2795,Arthur J Mendell
10/26/96,A,Highland,46322,219-923-8308,Charles Sufana

10/27/96,A,Angola,46703,419-485-4028,Joyce Collins
10/29/96,A,Carmel,46032,317-846-2979,John Deegan
11/02/96,A,Bloomington,47401,812-336-6280,Herschel Lentz, N9EQY
11/02/96,A,New Castle,47362,317-288-0481,Peggy Coulter
11/09/96,A,Chesterton,46304,219-762-2887,William Peterson
11/09/96,A,Lafayette,47905,317-423-1035,R D Martin
11/15/96,A,Highland,46322,219-923-8308,Charles Sufana
11/15/96,5,South Bend,46615,219-232-6883,Alan Seifert
11/16/96,A,Franklin,46131,317-784-1044,David A Wendt
11/17/96,5,Kokomo,46902,317-453-6542,Will Puranen
11/20/96,A,Indianapolis,46201,317-259-7610,Pete Zinkan AA9HK
11/20/96,A,Indianapolis,46290,317-326-6168,Tom Donaldson N9LFU
11/24/96,5,Fort Wayne,46835,219-486-7647,John Fletter
11/30/96,5,Columbia City,46723,219-693-9328,Jim Smith
12/01/96,A,Auburn,46706,219-665-6777,Sandra K Parker
12/01/96,A,Terre Haute,47807,812-466-2122,Fred Mahalek
12/07/96,A,Bloomington,47401,812-336-6280,Herschel Lentz, N9EQY
12/07/96,A,Muncie,47305,317-288-0481,Peggy Coulter
12/12/96,A,Fishers,46038,317-846-2979,John Deegan
12/14/96,A,Chesterton,46304,219-762-2887,William Peterson
12/18/96,A,Indianapolis,46201,317-259-7610,Pete Zinkan AA9HK
12/18/96,A,Indianapolis,46290,317-326-6168,Tom Donaldson N9LFU
12/20/96,A,Highland,46322,219-923-8308,Charles Sufana
12/20/96,5,South Bend,46615,219-232-6883,Alan Seifert
12/21/96,A,Indianapolis,46202,317-578-0859,Joseph A Cirillo
12/21/96,A,Michigan City,46360,219-874-3386,Robert Lyles K9ET
12/21/96,W,New Albany,47150,812-246-6377,Dick Truax

KANSAS
10/12/96,A,Topeka,66604,913-267-6455,Milo McNall
10/25/96,P,Leavenworth,66048,913-651-7350,
10/30/96,P,Emporia,66801,316-343-2158,Ray Polley
11/02/96,P,Parsons,67357,316-421-1822,Mort Wilmoth
11/07/96,A,Newton,67114,316-283-6042,Charles Dix
11/08/96,5,Overbrook,66605,913-267-6455,Milo Mc Nall
11/16/96,A,Wamego,66547,913-456-8596,Charles Carter
11/22/96,P,Kansas City,66106,913-262-0631,Bernie Wyman
11/27/96,P,Emporia,66801,316-343-2158,Ray Polley
12/05/96,A,Newton,67114,316-283-6042,Charles Dix
12/14/96,P,Olathe,66051,913-764-2822,Joe Scalet
12/14/96,A,Topeka,66604,913-267-6455,Milo McNall
12/18/96,P,Emporia,66801,316-343-2158,Ray Polley
12/20/96,P,Leavenworth,66048,913-651-7350,

KENTUCKY
10/12/96,W,Irvine,40336,606-723-4500,Dwaine Riddell
10/12/96,A,Radcliff,40160,502-351-7242,Rick Tinsley
10/13/96,W,Lexington,40505,606-255-2123,Junior Carty
10/13/96,A,Maysville,41056,606-564-9838,Bob Drake N4VGI
10/14/96,5,Paducah,42003,502-444-7725,Bruce Huyck
10/16/96,A,Waddy,40076,502-839-4041,Jerry Shouse

11/03/96,A,Morehead,40351,606-674-6815,Steven E Duley
11/05/96,W,Hazard,41701,606-436-5354,John Farler
11/05/96,A,Middlesboro,40965,606-248-5078,Michael Harrell KD4XZ
11/09/96,W,Irvine,40336,606-723-4500,Dwaine Riddell
11/09/96,A,Lexington,40511,606-272-9523,William L Fuqua III
11/09/96,A,Louisville,40213,502-969-7332,Otis Herron
11/09/96,A,Radcliff,40160,502-351-7242,Rick Tinsley
11/20/96,A,Waddy,40076,502-839-4041,Jerry Shouse
11/22/96,5,Owensboro,42301,502-683-5051,Stanley Spencer
11/22/96,A,Somerset,42501,606-679-2442,Norman Ard
12/01/96,A,Morehead,40351,606-674-6815,Steven E Duley
12/03/96,W,Lexington,40505,606-255-2123,Junior Carty
12/03/96,A,Middlesboro,40965,606-248-5078,Michael Harrell KD4XZ
12/09/96,5,Paducah,42003,502-444-7725,Bruce Huyck
12/10/96,A,Hyden,41749,606-672-2017,Don McNamara
12/14/96,W,Irvine,40336,606-723-4500,Dwaine Riddell
12/14/96,A,Radcliff,40160,502-351-7242,Rick Tinsley
12/18/96,A,Waddy,40076,502-839-4041,Jerry Shouse

LOUISIANA
10/12/96,5,Shreveport,71108,318-635-4652,Tony Hall
10/19/96,5,Ruston,71270,318-377-2620,Frank C Morris
11/04/96,A,Prairieville,70769,504-755-7966,Vickie Fountain KJ5IJ
11/09/96,A,West Monroe,71291,318-396-3507,Donald C Frantom, Sr
11/16/96,5,Ruston,71270,318-377-2620,Frank C Morris
11/16/96,A,Slidell,70458,504-882-5067,Teresa Riviere
12/02/96,A,Prairieville,70769,504-755-7966,Vickie Fountain KJ5IJ
12/14/96,5,Shreveport,71108,318-635-4652,Tony Hall

MASSACHUSETTS
10/12/96,A,Braintree,02184,617-843-4400,William J Needham
10/12/96,A,Brewster,02631,508-255-2818,Henry Fales, Jr
10/12/96,A,Falmouth,02540,617-674-2349,Ronald N Morris
10/12/96,A,Sturbridge,01566,413-283-4269,Dennis Parent N1SZB
10/13/96,A,Gloucester,01930,508-281-5641,Rick Maybury
10/13/96,A,Shirley,01464,508-425-6672,Tom Sefranek WA1RHP
10/14/96,A,Boston,02115,617-593-1955,Bob Wondolowski
10/16/96,A,Lunenburg,01462,508-534-9377,Tom Duffy
10/19/96,A,Dennis,02638,508-255-2818,Henry H Fales Jr
10/19/96,A,Lynn,01964,508-468-2780,Herbert G Ryan
10/19/96,A,Melrose,02176,617-322-7654,Scott Kingsley
10/20/96,A,Shirley,01464,508-425-6672,Tom Sefranek WA1RHP
10/23/96,5,Cambridge,02139,617-253-3776,Nick Alterndburnd
10/25/96,A,Holyoke,01040,413-245-3228,Ann Mullen
10/27/96,A,Shirley,01464,508-425-6672,Tom Sefranek WA1RHP
10/27/96,A,Southwick,01077,413-566-3010,Yorke Phillips
11/02/96,A,S Dartmouth,02748,508-991-6055,Lawrence Houbre
11/03/96,A,Shirley,01464,508-425-6672,Tom Sefranek WA1RHP
11/06/96,A,Acton,01720,508-562-5622,Charles D McCarthy
11/08/96,A,Ware,01082,413-967-7426,Tony Naglieri
11/09/96,A,Braintree,02184,617-843-4400,William J Needham

11/09/96,A,Pittsfield,01201,413-528-9002,Tom Jaworki
11/10/96,A,Gloucester,01930,508-281-5641,Rick Maybury
11/10/96,A,Shirley,01464,508-425-6672,Tom Sefranek WA1RHP
11/11/96,A,Boston,02115,617-593-1955,Bob Wondolowski
11/16/96,A,Lynn,01964,508-468-2780,Herbert G Ryan
11/16/96,A,Melrose,02176,617-322-7654,Scott Kingsley
11/17/96,A,Shirley,01464,508-425-6672,Tom Sefranek WA1RHP
11/20/96,5,Cambridge,02139,617-253-3776,Nick Alterndburnd
11/20/96,A,Lunenburg,01462,508-534-9377,Tom Duffy
11/22/96,A,Holyoke,01040,413-245-3228,Ann Mullen
11/24/96,A,Shirley,01464,508-425-6672,Tom Sefranek WA1RHP
11/25/96,A,Greenfield,01301,413-665-6611,Richard Strycharz, Jr
12/01/96,A,Shirley,01464,508-425-6672,Tom Sefranek WA1RHP
12/04/96,A,Acton,01720,508-562-5622,Charles D McCarthy
12/08/96,A,Gloucester,01930,508-281-5641,Rick Maybury
12/08/96,A,Shirley,01464,508-425-6672,Tom Sefranek WA1RHP
12/09/96,A,Boston,02115,617-593-1955,Bob Wondolowski
12/13/96,A,Ware,01082,413-967-7426,Tony Naglieri
12/14/96,A,Braintree,02184,617-843-4400,William J Needham
12/14/96,A,Sturbridge,01566,413-283-4269,Dennis Parent N1SZB
12/15/96,A,Shirley,01464,508-425-6672,Tom Sefranek WA1RHP
12/18/96,5,Cambridge,02139,617-253-3776,Nick Alterndburnd
12/18/96,A,Lunenburg,01462,508-534-9377,Tom Duffy
12/21/96,A,Dennis,02638,508-255-2818,Henry H Fales Jr
12/21/96,A,Lynn,01964,508-468-2780,Herbert G Ryan
12/21/96,A,Melrose,02176,617-322-7654,Scott Kingsley
12/22/96,A,Shirley,01464,508-425-6672,Tom Sefranek WA1RHP
12/27/96,A,Holyoke,01040,413-245-3228,Ann Mullen
12/29/96,A,Shirley,01464,508-425-6672,Tom Sefranek WA1RHP

MARYLAND
10/12/96,H,Cumberland,21501,304-289-3576,Leo Patterson
10/17/96,A,Towson,21204,410-426-8255,Ham Talk
10/19/96,L,Laurel,20707,301-572-5124,John Creel
10/27/96,A,Westminster,21157,717-359-7090,William M Wolfgang
11/03/96,A,Palmer Park,20785,301-773-2898,Freddie Battle
11/09/96,A,Baltimore,21211,410-668-2363,Adrian Nickles
11/16/96,L,Laurel,20707,301-572-5124,John Creel
11/16/96,A,Manchester,21102,410-239-8488,Ed Davis, KF2EN
12/01/96,5,Palmer Park,20785,301-773-2898,Freddie Battle
12/14/96,H,Cumberland,21501,304-289-3576,Leo Patterson
12/19/96,A,Towson,21204,410-426-8255,Ham Talk

MAINE
10/13/96,A,Yarmouth,04096,207-846-7734,Dick Jackson
10/19/96,A,Eastport,04631,207-853-4704,Harold Goodman
10/19/96,A,Hermon,04401,207-843-6965,Kristen Hayward
10/22/96,A,Dixfield,04224,207-562-8979,Richard LaBrecque
10/22/96,A,Presque Isle,04769,207-455-8333,Wilburn Scott
10/22/96,A,Presque Isle,04769,207-455-8333,Wilburn A Scott
10/26/96,5,Bucksport,04416,207-565-3634,Norman Veillette

11/02/96,A,Portland,04102,207-856-6192,Barnie Reynolds
11/09/96,A,Houlton,04730,207-532-2823,Peter M Hurd N1SS
11/15/96,A,Alfred,04087,207-324-1718,Albert Noble Jr
12/08/96,A,Yarmouth,04096,207-846-7734,Dick Jackson
12/18/96,A,Brunswick,04011,207-725-5155,Stephen A Hanks

MICHIGAN
10/12/96,A,Ann Arbor,48108,313-663-4625,Claybourne Mitchell
10/12/96,A,Cadillac,49601,616-779-3058,David Harnish
10/12/96,A,Charlotte,48813,517-543-0398,John Dewey
10/12/96,A,Flint,48507,810-639-7646,Rodney Brown
10/12/96,A,Houghton,49931,906-337-2542,George R Thurner, W8FWG
10/12/96,A,Port Huron,48060,810-364-9640,Leon T Switzer
10/13/96,A,Stevensville,49127,616-429-7574,Larry Schrader
10/16/96,A,Grayling,49738,517-348-8663,Kenneth D Wright
10/19/96,A,Bay City,48708,517-892-1212,Deborah K Kirkbride
10/19/96,A,Flint,48501,810-634-6077,Bill Coale
10/19/96,5,Jackson,49203,517-782-1430,Richard McGuire KI8C
10/19/96,A,Manistee,49660,616-723-2119,Elmer Stamp
10/19/96,5,Monroe,48182,313-854-2224,W Paul Trouten
10/19/96,A,Watersmeet,49969,906-358-4517,Daniel Reynolds
10/24/96,A,Battle Creek,49016,616-969-3026,Richard F Holcomb
10/26/96,A,Allegan,49010,616-673-5340,Bryan Lane
10/26/96,A,Holland,49423,616-396-6366,Gregory T Caskey
10/26/96,A,Tawas City,48763,517-362-6019,John La Rock KG8XD
11/02/96,5,Iron Mountain,49801,906-246-3641,F D Le Quia
11/02/96,A,Lansing,48910,517-484-4855,Pete Lycos
11/02/96,5,Mount Clemens,48036,810-468-8345,William Chesmey
11/02/96,A,Petoskey,49770,616-526-5503,Floyd A Davis
11/02/96,A,Saginaw,48602,517-624-9094,G Ed King
11/02/96,A,Whitehall,49461,616-894-8325,James Durham
11/08/96,A,Grand Rapids,49505,616-458-6000,John W Wittmann
11/09/96,A,Ann Arbor,48108,313-663-4625,Claybourne Mitchell
11/09/96,A,Dearborn,48128,313-676-6248,Motor City Radio Club
11/09/96,A,Flint,48507,810-639-7646,Rodney Brown
11/09/96,A,Watersmeet,49969,906-358-4517,Daniel Reynolds
11/10/96,A,Stevensville,49127,616-429-7574,Larry Schrader
11/16/96,A,Flint,48501,810-634-6077,Bill Coale
11/16/96,5,Jackson,49203,517-782-1430,Richard McGuire KI8C
11/16/96,A,Kalamazoo,49001,616-345-8892,David Watt
11/16/96,A,Traverse City,49684,616-946-5312,Chuck Mellberg W8SGR
11/23/96,A,Allegan,49010,616-673-5340,Bryan Lane
11/26/96,A,Laurium,49913,906-337-2542,George Thurner
12/02/96,A,Kalamazoo,49002,616-323-8123,William D Vantilburg
12/02/96,5,Portage,49081,616-323-8123,Bill Van Tilburg
12/03/96,A,Oak Park,48237,810-642-3608,Jeff Albrecht, N8WRY
12/07/96,5,Detroit,48034,810-471-6010,Dennis Mills
12/07/96,5,Mount Clemens,48036,810-468-8345,William Chesmey
12/07/96,A,Petoskey,49770,616-526-5503,Floyd A Davis
12/07/96,A,Whitehall,49461,616-894-8325,James Durham

12/11/96,A,Trenton,48183,313-676-6248,Motor City Radio Club
12/13/96,A,Grand Rapids,49505,616-458-6000,John W Wittmann
12/14/96,A,Ann Arbor,48108,313-663-4625,Claybourne Mitchell
12/14/96,A,Flint,48507,810-639-7646,Rodney Brown
12/14/96,A,Marquette,49855,906-249-3837,Richard Schwenke
12/14/96,A,Roscommon,48653,517-821-9427,Mark L Marsh
12/15/96,A,Stevensville,49127,616-429-7574,Larry Schrader
12/17/96,A,Highland,48383,810-669-9338,Richard A Wolf
12/21/96,A,Flint,48501,810-634-6077,Bill Coale
12/21/96,5,Jackson,49203,517-782-1430,Richard McGuire KI8C
12/21/96,5,Monroe,48182,313-854-2224,W Paul Trouten
12/28/96,A,Allegan,49010,616-673-5340,Bryan Lane

MINNESOTA
10/12/96,A,Blaine,55434,612-571-7441,Arthur J Mundy
10/12/96,A,Bloomington,55431,612-888-9756,Daniel J Royer
10/15/96,A,Duluth,55802,218-626-2590,Douglas J Nelson
10/19/96,A,Cottage Grove,55016,612-459-8678,David Harrell
10/31/96,A,Warroad,56763,218-634-2454,Michael Serbinski
11/04/96,A,Wadena,56482,218-837-5405,Barbara Ranson
11/09/96,A,Blaine,55434,612-571-7441,Arthur J Mundy
11/09/96,A,Bloomington,55431,612-888-9756,Daniel J Royer
11/14/96,A,Apple Valley,55124,612-432-0438,Bill Martin KA0CIR
11/16/96,A,Cottage Grove,55016,612-459-8678,David Harrell
11/19/96,A,Duluth,55802,218-626-2590,Douglas J Nelson
11/21/96,A,Rochester,55901,507-252-0154,Bob Dubke
11/23/96,A,N Branch,55056,612-444-9814,Bradley Fern
11/23/96,A,Waite Park,56387,612-573-2613,Robert Bruner
12/02/96,A,Wadena,56482,218-837-5405,Barbara Ranson
12/12/96,A,Apple Valley,55124,612-432-0438,Bill Martin KA0CIR
12/14/96,A,Blaine,55434,612-571-7441,Arthur J Mundy
12/14/96,A,Bloomington,55431,612-888-9756,Daniel J Royer

MISSOURI
10/12/96,P,Gladstone,64118,816-781-7313,Chuck Miller
10/13/96,A,Kirksville,63501,816-825-4721,Duane L Seibold
10/19/96,A,Springfield,65804,417-889-6775,James W Thorpe
10/19/96,A,St Louis,63135,314-510-3223,Ronald Lemons
10/22/96,A,Nevada,64772,417-667-2112,Carl B Pokorny
10/26/96,5,Kansas City,64117,816-453-8028,Harold Wiliams
10/27/96,A,Brookfield,64628,816-258-7445,Ronald Asher
11/02/96,5,Kimberling City,65686,417-739-2888,Jim Davis
11/04/96,A,Jackson,63957,314-866-2622,Gerald Grasso
11/07/96,5,Shell Knob,65747,417-858-2920,Travis Treat
11/08/96,P,Independance,64050,816-483-2037,Joe Palace
11/10/96,A,Kirksville,63501,816-825-4721,Duane L Seibold
11/12/96,A,Columbia,65201,314-445-7030,Dewey Bennett
11/13/96,A,Camdenton,65020,573-369-3409,Ace J Hudson
11/13/96,5,Chillicothe,74447,918 756 4749,Jerry Wine
11/14/96,A,Jefferson City,65101,573-635-3362,Alan Braun
11/16/96,A,St Louis,63135,314-510-3223,Ronald Lemons

12/02/96,A,Jackson,63957,314-866-2622,Gerald Grasso
12/07/96,5,Kimberling City,65686,417-739-2888,Jim Davis
12/08/96,A,Kirksville,63501,816-825-4721,Duane L Seibold
12/10/96,A,Columbia,65201,314-445-7030,Dewey Bennett
12/11/96,A,Camdenton,65020,573-369-3409,Ace J Hudson
12/12/96,A,Jefferson City,65101,573-635-3362,Alan Braun
12/14/96,A,Springfield,65804,417-889-6775,James W Thorpe
12/14/96,A,St Louis,63135,314-510-3223,Ronald Lemons
12/16/96,A,Buffalo,65622,417-345-8923,Allan Campbell
12/29/96,A,Brookfield,64628,816-258-7445,Ronald Asher

MISSISSIPPI
10/12/96,5,Hattiesburg,39401,601-583-0313,Walter Shields
10/19/96,A,Brookhaven,39601,601-833-4126,Homer Richardson
10/19/96,A,Tupelo,38801,601-869-2514,Derek W Taylor
11/09/96,5,Hattiesburg,39401,601-583-0313,Walter Shields
11/12/96,A,Ocean Springs,39564,601-875-0222,Stanley Hecker
12/01/96,A,Laurel,39440,601-729-8087,Lee P Matthews

MONTANA
10/28/96,A,Hamilton,59840,406-961-2489,James R Wood Sr
10/28/96,A,Miles City,59301,406-232-3401,C Robin Brooks
10/31/96,A,Cut Bank,59427,406-873-2467,Bill C Roper
11/04/96,5,Helena,59601,406-442-7107,John Geach
11/16/96,A,Billings,59101,406-656-6987,Donald Whitcomb
11/21/96,5,Kalispell,59901,406-756-8633,Darrell Christophers
11/25/96,A,Hamilton,59840,406-961-2489,James R Wood Sr
11/25/96,A,Miles City,59301,406-232-3401,C Robin Brooks
12/10/96,A,Butte,59701,406-494-3066,Robert T Evans
12/23/96,A,Miles City,59301,406-232-3401,C Robin Brooks
12/30/96,A,Hamilton,59840,406-961-2489,James R Wood Sr

NORTH CAROLINA
10/12/96,A,Franklinton,27525,919-494-2088,Terry Murphy
10/12/96,A,Hillsborough,27278,919-644-8681,David J. Snyder
10/12/96,A,Wilmington,28412,910-791-1566,Jack Jacobs
10/12/96,A,Yadkinville,27055,910-961-8741,Steve Hutchens
10/18/96,A,Fayetteville,28307,910-485-6471,Charles S Ward KJ4RV
10/19/96,W,Asheville,28748,704-628-2681,Don Linn
10/19/96,A,Gastonia,28054,704-864-4388,Cyrus B Rowe
10/19/96,A,Smithfield,27577,919-554-2154,David Hockaday
10/19/96,W,Spindale,28076,704-657-5464,F Bruce Tessinear
10/26/96,A,Morganton,28655,704-433-6205,Thomas D Taylor Sr
11/02/96,W,Brevard,28712,704-877-4757,W Harrison Whitlock
11/02/96,A,Statesville,28677,704-873-4446,Tim Misenheimer
11/04/96,A,Buies Creek,27506,910-897-2550,Mark Hammond
11/09/96,W,Burnsville,28714,704-675-9044,David McCarty
11/09/96,A,Durham,27703,919-494-2088,Terrence J Murphy
11/09/96,5,Jefferson,28643,910-384-2870,Chet Rataski
11/09/96,W,Robbinsville,28771,704-479-3173,Janet Ward
11/16/96,A,Charlotte,28217,704-948-7373,Mary S Hunt

11/16/96,A,Clinton,28328,910-592-5926,Joseph P Powell
11/16/96,T,Lexington,27292,910-841-7576,Jim Williamson NQ4T
11/16/96,A,Morehead City,28557,919-247-6240,Cecil Pennington
11/16/96,A,Smithfield,27577,919-554-2154,David Hockaday
11/17/96,W,Asheville,28787,704-645-3511,Steve Lanford
11/23/96,A,Morganton,28655,704-433-6205,Thomas D Taylor Sr
11/23/96,A,Rocky Mount,27804,919-442-6131,William P Thomas
11/28/96,A,Washington,27889,919-975-6098,Robert Richardson KR4TW
11/30/96,W,Hendersonville,28806,423-688-7771,WCARS VEC
12/07/96,W,Shelby,28150,704-937-9697,Bobby Fisher
12/14/96,A,Franklinton,27525,919-494-2088,Terry Murphy
12/14/96,A,Hillsborough,27278,919-644-8681,David J. Snyder
12/14/96,W,Leicester,28748,704-683-1400,Larry E York
12/14/96,W,Marion,28752,704-668-3176,Randy Freeman
12/14/96,A,Wilmington,28412,910-791-1566,Jack Jacobs
12/15/96,5,Monroe,28110,803-286-5299,Charles Teague
12/21/96,A,Smithfield,27577,919-554-2154,David Hockaday
12/28/96,A,Morganton,28655,704-433-6205,Thomas D Taylor Sr
12/29/96,A,Clemmons,27012,910 766 8667,David Fleming
12/29/96,A,Winston-Salem,27102,910-766-8667,David Fleming

NEBRASKA
10/26/96,A,Lincoln,68521,402-486-1400,John Hauner

NEW HAMPSHIRE
10/19/96,A,Contoocook,03229,603-938-2955,Dexter Howe
10/19/96,A,Rochester,03867,603-742-0130,William Dodge
10/24/96,A,Salem,03079,603-434-4490,Denise Cabana
12/07/96,A,Newport,03773,603-542-4906,Leigh A Damren, WB1EAE
12/07/96,A,Portsmouth,03801,603-436-0416,Al Lapanne KC1MW
12/14/96,A,Nashua,03060,603-672-4035,James Heedles

NEW JERSEY
10/12/96,A,Cranford,07016,908-819-0678,Eldred A Moore (Drew)
10/13/96,A,Lincroft,07738,908-532-5354,Gerald Silverman, WB2GYS
10/14/96,A,Nutley,07110,201-743-3515,Dennis Sabato KB2TCS
10/15/96,A,Essex Fells,07932,201-377-4776,Ken Roser
10/16/96,A,Sussex,07461,201-875-3407,Raymond Czyzewski, Jr
10/17/96,5,Bellmawr,08099,609-939-3032,William O'Donnell
10/19/96,A,Jackson,08527,908-270-2625,John Glowacki
10/19/96,A,Ramsey,07446,201-445-5172,Andrew G Birmingham
10/26/96,A,Dennisville,08214,609-884-8117,John Chester AA2TZ
11/04/96,A,Sayreville,08872,908-754-5800,Larry Makoski
11/04/96,A,Sparta,07871,201-702-0290,Dawn Payne N2NKF
11/09/96,A,Cranford,07016,908-819-0678,Eldred A Moore (Drew)
11/11/96,A,Hopatcong,07843,201-579-6241,Bonnie Johnson (Bonita)
11/13/96,A,Fort Monmouth,07703,908-532-5354,Gerald Silverman
11/14/96,5,Paterson,07072,201 935 4840,John Chooljian
11/19/96,A,Essex Fells,07932,201-377-4776,Ken Roser
11/21/96,5,Bellmawr,08099,609-939-3032,William O'Donnell
11/23/96,A,Ramsey,07446,201-445-5172,Andrew G Birmingham

12/02/96,A,Sayreville,08872,908-754-5800,Larry Makoski
12/07/96,A,Raritan,08869,908-968-6911,Marty Ficke KD2QK
12/11/96,A,Fort Monmouth,07703,908-532-5354,Gerald Silverman
12/14/96,A,Cranford,07016,908-819-0678,Eldred A Moore (Drew)
12/14/96,A,Ramsey,07446,201-445-5172,Andrew G Birmingham
12/17/96,A,Essex Fells,07932,201-377-4776,Ken Roser
12/19/96,5,Bellmawr,08099,609-939-3032,William O'Donnell

NEW MEXICO
10/12/96,A,Farmington,87401,505-326-1803,Pat McGraw
11/09/96,5,Albuquerque,87110,505-299-4128,Peter De Wolf
11/09/96,A,Albuquerque,87111,505-299-4128,Peter H DeWolf
11/19/96,A,White Rock,87544,505-672-1007,Michael E Smith
11/21/96,A,Los Alamos,87544,505-662-9155,James S Griffiths, KB3EI
11/23/96,A,Socorro,87801,505-835-5225,Dr Kalman Oravecz

NEVADA
10/19/96,A,Reno,89502,702-826-0329,Jesse L Bond
11/02/96,A,Henderson,89015,702-565-0242,Janet Welsh
11/16/96,A,Minden,89423,702-265-4278,George S Uebele
12/07/96,A,Henderson,89015,702-565-0242,Janet Welsh
12/21/96,A,Reno,89502,702-826-0329,Jesse L Bond

NEW YORK
10/12/96,5,Arcade,14437,716-335-3804,Barbara Weirich
10/12/96,A,Greenvale,11568,516-623-6449,Al Bender
10/12/96,A,Troy,12180,518-439-7357,Nels Williams, WB2SBO
10/16/96,A,Lancaster,14086,716-937-3592,Charles Koester
10/18/96,A,Southold,11971,516-323-3646,Ralph Williams
10/18/96,5,Verona,13478,315-853-8974,Leonard Popyack
10/19/96,A,Arkville,12406,914-586-3893,Harold Murken
10/19/96,A,Huntington,11743,516-266-3192,Joseph Coffield
10/19/96,A,Lake Huntington,12752,914-932-8544,Frank Szabo
10/19/96,5,Rochester,14623,716-334-1533,George Platteter
10/20/96,A,Huntington,11742,516-732 0037,George Martin
10/20/96,A,Melville,11747,516-732-0037,George Martin
10/20/96,A,Suffern,10970,914-357-0712,Steve Koeper, KF2JA
10/21/96,A,New York,10025,212-854-3754,Alan Crosswell N2YGK
10/26/96,A,Bath,14810,607-569-2353,James White, KV2W
10/26/96,A,Blue Point,11743,516-224-7114,Leonard Buonaiuto
10/27/96,A,N Lindenhurst,11757,516-422-9684,Tom Carrubba KA2DFO
10/28/96,A,New York,10023,212-456-5224,Jerry Cudmore
10/29/96,A,Brooklyn,11214,718-948-2290,Harvey J Bird KB2EA
10/31/96,A,Clifton Park,12065,518-371-2305,Wendell White, KF2XY
11/01/96,A,Oriskany,13424,315-732-7078,Richard Roberts KB2HGM
11/02/96,A,Islip,11751,516-234-0589,Addison Levi
11/03/96,A,Yonkers,10710,914-237-5589,Emily Maytan AC2V
11/07/96,5,Camillus,13031,315-468-2540,John M Patchett II
11/07/96,5,Rochester,14620,716-621-7678,Mike Eeckhout
11/09/96,5,Arcade,14437,716-335-3804,Barbara Weirich
11/09/96,A,Greenvale,11568,516-623-6449,Al Bender

11/09/96,A,Troy,12180,518-439-7357,Nels Williams, WB2SBO
11/10/96,5,Bronx,10454,718-993-3269,Ruben Alala
11/12/96,5,Hicksville,11725,516-499-2214,Robert Wexelbaum
11/12/96,A,Pomona,10970,914-357-0712,Steve Koeper
11/15/96,5,Verona,13478,315-853-8974,Leonard Popyack
11/16/96,A,Huntington,11743,516-266-3192,Joseph Coffield
11/16/96,A,Modena,12548,914-566-0936,Dan Conna
11/16/96,5,Rochester,14623,716-334-1533,George Platteter
11/18/96,A,New York,10025,212-854-3754,Alan Crosswell N2YGK
11/18/96,A,New York,10023,212-456-5224,Jerry Cudmore
11/19/96,5,Pelham,10803,914-738-5775,Mike Ciferri
11/20/96,A,Schenectady,12308,518-399-1793,Charlie Haynes KA2VNP
11/23/96,A,Blue Point,11743,516-224-7114,Leonard Buonaiuto
11/23/96,A,Greenwich,12834,518-692-9537,Linda M Kirk
11/24/96,A,N Lindenhurst,11757,516-422-9684,Tom Carrubba KA2DFO
11/24/96,A,Suffern,10970,914-357-0712,Steve Koeper, KF2JA
11/26/96,A,Brooklyn,11214,718-948-2290,Harvey J Bird KB2EA
12/02/96,A,Schenectady,12304,518-399-1793,Charles Haynes, KA2VNP
12/02/96,A,Yonkers,10710,914-237-5589,Emily Maytan AC2V
12/05/96,5,Camillus,13031,315-468-2540,John M Patchett II
12/05/96,5,Rochester,14620,716-621-7678,Mike Eeckhout
12/06/96,A,Oriskany,13424,315-732-7078,Richard Roberts KB2HGM
12/07/96,A,Islip,11751,516-234-0589,Addison Levi
12/08/96,5,Bronx,10454,718-993-3269,Ruben Alala
12/08/96,A,St Albans,11412,718-981-8876,Gwen (Vikki) Neal
12/09/96,A,New York,10023,212-456-5224,Jerry Cudmore
12/10/96,5,Hicksville,11725,516-499-2214,Robert Wexelbaum
12/10/96,A,Pomona,10970,914-357-0712,Steve Koeper
12/11/96,A,White Plains,10601,914-285-3029,Sandy Fried
12/14/96,5,Arcade,14437,716-335-3804,Barbara Weirich
12/14/96,A,Greenvale,11568,516-623-6449,Al Bender
12/14/96,A,Kingston,12401,914-876-2963,Robert Micrie KY2J
12/16/96,A,New York,10025,212-854-3754,Alan Crosswell N2YGK
12/18/96,A,Lancaster,14086,716-937-3592,Charles Koester
12/20/96,5,Verona,13478,315-853-8974,Leonard Popyack
12/21/96,A,Huntington,11743,516-266-3192,Joseph Coffield
12/21/96,A,Norwich,13815,607-847-6152,Ken Cassidy
12/21/96,5,Rochester,14623,716-334-1533,George Platteter
12/22/96,A,N Lindenhurst,11757,516-422-9684,Tom Carrubba KA2DFO
12/22/96,A,Suffern,10970,914-357-0712,Steve Koeper, KF2JA
12/28/96,A,Blue Point,11743,516-224-7114,Leonard Buonaiuto

OHIO
10/12/96,5,Findlay,45839,419-423-1339,Fred Laube
10/12/96,A,Georgetown,45121,513-734-7321,Raymond Day
10/12/96,A,Indian Springs,45011,513-868-7012,Ted Wilson
10/12/96,A,Maumee,43537,419-693-3023,Ross H Mergenthaler
10/12/96,5,Van Wert,45891,419-795-5763,Robert E High
10/16/96,A,Dayton,45402,937-837-0271,L T Jones W8RLW
10/16/96,5,Martins Ferry,43940,614-676-3056,Allan Olexa

10/19/96,A,Greenville,45331,513-548-3010,Leon Harshbarger N8QAL
10/19/96,A,Mansfield,44903,419-524-1105,Scott Yonally KC8SS
10/20/96,A,Lancaster,43130,614-654-8167,Allen Sellers
10/26/96,A,Delta,43515,419-826-7401,Tom Copeland N8MAV
11/02/96,A,Cincinnati,45216,513-891-7556,Herbert C Blasberg
11/02/96,A,Cincinnati,45216,513-574-1653,James Reilly
11/03/96,A,Eaton,45320,513-456-3229,Jeffry Blackmon
11/03/96,A,Marion,43302,614-499-3565,Stephen Eckard
11/04/96,A,Akron,44314,216-733-4495,Paul Davis K8NQT
11/04/96,A,Newark,43055,614-587-1223,Joe Santo
11/05/96,A,Canfield,44515,216-799-6832,Frank L Mc Cormick
11/09/96,A,Dayton,45469,937-426-8717,Chuck Gauder W8XG
11/09/96,A,Indian Springs,45011,513-868-7012,Ted Wilson
11/09/96,A,Maumee,43537,419-693-3023,Ross H Mergenthaler
11/09/96,A,Proctorville,45669,614-894-5541,James Brown KA8ZZI
11/09/96,A,Van Wert,45891,419-795-5763,Robert E High
11/09/96,A,Westerville,43081,614-861-6916,William Tabor, K8NIO
11/10/96,A,Independence,44131,216-642-1399,Gary Dewey
11/16/96,5,Portsmouth,45657,614-372-5811,Jack King
11/21/96,A,Youngstown,44502,216-534-1394,James Viele
11/23/96,A,Delta,43515,419-826-7401,Tom Copeland N8MAV
11/24/96,A,Millersburg,44654,216-359-5527,Rose Emick KB8RQU
11/27/96,5,Middletown,45042,513 423 5893,Donald Viel
11/30/96,A,Canton,44705,216-837-2927,Gary Kline
11/30/96,A,Fremont,43420,419-334-2728,Chuck Foster Sr
12/01/96,A,Eaton,45320,513-456-3229,Jeffry Blackmon
12/03/96,A,Canfield,44515,216-799-6832,Frank L Mc Cormick
12/07/96,A,Cincinnati,45216,513-891-7556,Herbert C Blasberg
12/07/96,A,Mentor,44060,216-256-0320,R Scott Farnham
12/08/96,A,Coshocton,43812,614-623-0413,Hawood Giles, AA8UW
12/14/96,A,Dayton,45469,937-426-8717,Chuck Gauder W8XG
12/14/96,5,Findlay,45839,419-423-1339,Fred Laube
12/14/96,A,Indian Springs,45011,513-868-7012,Ted Wilson
12/14/96,A,Maumee,43537,419-693-3023,Ross H Mergenthaler
12/14/96,5,Van Wert,45891,419-795-5763,Robert E High
12/15/96,A,Lancaster,43130,614-654-8167,Allen Sellers
12/18/96,5,Martins Ferry,43940,614-676-3056,Allan Olexa
12/21/96,A,Greenville,45331,513-548-3010,Leon Harshbarger N8QAL
12/28/96,A,Delta,43515,419-826-7401,Tom Copeland N8MAV

OKLAHOMA
10/12/96,5,Hugo,74743,405-326-2448,Garry Parker
10/12/96,A,Norman,73069,405-329-1681,John Copeland
10/15/96,A,Miami,74354,918-542-7142,Gary Sherard
10/18/96,5,Pawhuska,74050,918-287-3665,Jack Chidester
10/21/96,5,Oklahoma City,73008,405-789-8535,William Wolfenbarger
10/22/96,A,Altus,73521,405-266-3357,George Mteyko
10/22/96,5,Duncan,73505,405-353-5722,Jim Arterberry
10/22/96,5,Okmulgee,74447,918-756-4749,Ray Stewart
10/22/96,5,Shawnee,74801,405-275-3935,James Drummond

10/26/96,5,Catoosa,74011,918-455-6208,Don Feigel WD5EHU
11/02/96,A,Broken Arrow,74012,918-251-3449,Sam Morris
11/09/96,5,Hugo,74743,405-326-2448,Garry Parker
11/09/96,A,Norman,73069,405-329-1681,John Copeland
11/10/96,5,Stillwater,54077,405-377-7586,Kenneth Case
11/15/96,5,Pawhuska,74050,918-287-3665,Jack Chidester
11/18/96,5,Oklahoma City,73008,405-789-8535,William Wolfenbarger
11/19/96,A,Miami,74354,918-542-7142,Gary Sherard
11/20/96,A,Tulsa,74106,918-627-0392,Georgia McReynolds
11/26/96,A,Altus,73521,405-266-3357,George Mteyko
11/26/96,5,Duncan,73505,405-353-5722,Jim Arterberry
11/26/96,5,Okmulgee,74447,918-756-4749,Ray Stewart
11/26/96,5,Shawnee,74801,405-275-3935,James Drummond
11/30/96,5,Catoosa,74011,918-455-6208,Don Feigel WD5EHU
12/07/96,A,Broken Arrow,74012,918-251-3449,Sam Morris
12/07/96,A,Ponca City,74631,405-762-1966,Mark E Byard
12/14/96,5,Hugo,74743,405-326-2448,Garry Parker
12/14/96,A,Norman,73069,405-329-1681,John Copeland
12/16/96,5,Oklahoma City,73008,405-789-8535,William Wolfenbarger
12/17/96,A,Altus,73521,405-266-3357,George Mteyko
12/17/96,5,Duncan,73505,405-353-5722,Jim Arterberry
12/17/96,A,Miami,74354,918-542-7142,Gary Sherard
12/17/96,5,Shawnee,74801,405-275-3935,James Drummond
12/20/96,5,Pawhuska,74050,918-287-3665,Jack Chidester
12/28/96,5,Catoosa,74011,918-455-6208,Don Feigel WD5EHU

OREGON
10/13/96,A,Portland,97216,503-642-5803,Edith Litvin
10/13/96,A,Portland,97075,503-626-7399,John Mackey
10/14/96,A,Sisters,97759,541-389-7194,Mary Winter N7RGD
10/15/96,A,Newberg,97132,503-538-7109,Charlie Hindman KG7JR
10/19/96,A,Medford,97501,541-878-3433,Paul Miller
10/19/96,A,Newport,97365,503-563-3866,Philip Smith
10/26/96,A,Keno,97627,541-883-2736,Tom Hamilton, WD6EAW
10/27/96,A,Portland,97075,503-626-7399,John Mackey
11/09/96,A,Albany,97321,503-838-4865,Alesa M Nason KA7UGQ
11/10/96,A,Portland,97075,503-626-7399,John Mackey
11/13/96,A,Roseburg,97470,541-672-7564,Anne Wolfe
11/16/96,A,Newport,97365,503-563-3866,Philip Smith
11/20/96,S,Florence,97439,503-997-2323,Hal Lock N7NNA
11/24/96,A,Portland,97075,503-626-7399,John Mackey
12/07/96,5,Brookings,97415,541-469-7029,Arlon Helms
12/07/96,5,Lincoln City,97367,541-994-3113,Carl Schmauder
12/08/96,A,Portland,97075,503-626-7399,John Mackey
12/09/96,5,Medford,97501,541-772-6865,Dale Trautman
12/11/96,A,McMinnville,97128,503-244-9065,Colin Lamb
12/11/96,5,Pendleton,97813,541-566-3597,Michael Duffy
12/11/96,A,Roseburg,97470,541-672-5884,Melvin R Trammell
12/11/96,A,Roseburg,97470,541-672-7564,Anne Wolfe
12/13/96,5,Grants Pass,97526,541-474-0205,Clyde Little

12/21/96,A,Newport,97365,503-563-3866,Philip Smith
12/22/96,A,Portland,97075,503-626-7399,John Mackey

PENNSYLVANIA
10/12/96,5,N Huntington,15022,412-483-7135,Ricardo Morales
10/12/96,A,New Castle,16102,412-667-1166,Gary Pirkkala
10/12/96,A,New Kensington,15068,412-351-1562,Louis H Zimmerman
10/12/96,A,Shrewsbury,17361,717-235-0273,Carol Kirschman
10/17/96,A,East Stroudsburg,18301,717-424-0945,Dave Haney
10/17/96,5,Philipsburg,16866,814-342-0696,David Runk
10/17/96,A,Pittsburgh,15228,412-922-1257,Ronald E Lentz
10/19/96,5,Elco,15483,412-938-8125,Charles Furlong
10/19/96,A,Erie,16541,814-734-4260,Dr John J Duda
10/19/96,A,Northumberland,17857,717-966-1782,David Swaney
10/19/96,A,Pittsburgh,15212,412-371-9983,E S Dorsey
10/19/96,A,Seneca,16346,814-665-9124,Norma Vanderhoff
10/20/96,5,Norristown,19401,610-279-1897,Raymond Patton
10/20/96,A,Plymouth,18651,717-779-2981,Joe Caffrey
10/21/96,A,Telford,18969,215-723-6697,Joseph J Burgess
10/24/96,5,New Castle,16112,412-667-9451,Fred Van Natten
10/26/96,A,Altoona,16602,814-942-9271,Clifford P Kendall
10/26/96,A,Indiana,15701,412-479-8117,Paul Williams NY3T
10/26/96,A,Reading,19607,215-678-8976,Harry Hoffman
10/28/96,A,Danville,17821,717-784-2299,George Law
10/30/96,A,Matamoras,18336,914-856-0426,Ray Rothstein AA2WC
10/30/96,A,Warminster,18974,215-343-3494,Tom Michaud
11/02/96,A,Bristol,19001,215-943-4886,George LeNoir Jr
11/02/96,A,Bryn Mawr,19406,610-265-6032,Robert Lees
11/02/96,A,Erie,16505,814-665-9124,Norma Vanderhoff
11/02/96,A,Honesdale,18431,717-253-5201,Vincent J Banville
11/02/96,A,Pittsburgh,15237,412-372-3417,Norm Sperling N3IEY
11/02/96,A,Tamaqua,18252,717-668-3098,Allen R Breiner Sr W3TI
11/07/96,5,Levittown,19067,215-946-1040,David Heller
11/07/96,A,Philadelphia,19103,215-482-0386,William E Rhoads Sr
11/08/96,A,Nazareth,18064,215-820-0944,Robin C Moseley
11/09/96,A,Butler,16001,412-282-6777,Gerald Wetzel
11/09/96,5,N Huntington,15022,412-483-7135,Ricardo Morales
11/09/96,A,New Castle,16102,412-667-1166,Gary Pirkkala
11/10/96,A,Houston,15342,412-222-6473,Alexander Lockman WB3BZK
11/13/96,A,Scranton,18508,717-342-8591,Art Sposto
11/14/96,5,Ambridge,15010,412-846-2667,Mike Emerling
11/16/96,5,Elco,15483,412-938-8125,Charles Furlong
11/16/96,A,Ephrata,17522,717-626-2623,Joseph Lerman
11/16/96,A,Erie,16541,814-734-4260,Dr John J Duda
11/17/96,5,Norristown,19401,610-279-1897,Raymond Patton
11/18/96,A,Telford,18969,215-723-6697,Joseph J Burgess
11/21/96,A,East Stroudsburg,18301,717-424-0945,Dave Haney
11/21/96,5,New Castle,16112,412-667-9451,Fred Van Natten
11/21/96,A,Union City,16438,814-665-9124,Norma Vanderhoff
11/23/96,A,Pittsburgh,15326,412-885-8073,Dennis Tanner

11/27/96,A,Matamoras,18336,914-856-0426,Ray Rothstein AA2WC
11/30/96,A,Greensburg,15601,412-523-4261,Richard Beaver
12/01/96,A,UnionTown,15401,412-246-2870,John Cermak
12/02/96,A,Myerstown,17067,717-933-4609,Thomas Fox N3XAP
12/05/96,5,Levittown,19067,215-946-1040,David Heller
12/05/96,A,Philadelphia,19103,215-482-0386,William E Rhoads Sr
12/06/96,A,Nazareth,18064,215-820-0944,Robin C Moseley
12/07/96,A,Bristol,19001,215-943-4886,George LeNoir Jr
12/07/96,A,Erie,16505,814-665-9124,Norma Vanderhoff
12/07/96,5,New Eagle,15037,412_751_4373,William Cioccio
12/07/96,A,Newtown Square,19073,215-622-2200,Walter Faust
12/07/96,A,Pittsburgh,15226,412-563-2379,Jim Cottrill
12/11/96,A,Scranton,18508,717-342-8591,Art Sposto
12/12/96,5,Ambridge,15010,412-846-2667,Mike Emerling
12/14/96,A,Honesdale,18431,717-253-5201,Vincent J Banville
12/14/96,5,Media,19086,610-565-8477,Jim Goldman
12/14/96,5,N Huntington,15022,412-483-7135,Ricardo Morales
12/14/96,A,New Castle,16102,412-667-1166,Gary Pirkkala
12/14/96,A,Shrewsbury,17361,717-235-0273,Carol Kirschman
12/15/96,5,Norristown,19401,610-279-1897,Raymond Patton
12/16/96,A,Oakdale,15071,412-833-6049,Mark Strayer KE3JA
12/16/96,A,Telford,18969,215-723-6697,Joseph J Burgess
12/19/96,A,East Stroudsburg,18301,717-424-0945,Dave Haney
12/19/96,5,New Castle,16112,412-667-9451,Fred Van Natten
12/21/96,5,Elco,15483,412-938-8125,Charles Furlong
12/21/96,A,Erie,16541,814-734-4260,Dr John J Duda

RHODE ISLAND
10/17/96,A,Providence,02910,401-231-9156,Judy Nelson, KC1RI
10/26/96,A,Slatersville,02864,401-333-2129,Robert Beaudet
11/03/96,A,East Providence,02916,508-761-5296,Paul Prew NZ1P
11/14/96,A,Providence,02910,401-231-9156,Judy Nelson, KC1RI
11/30/96,A,Slatersville,02864,401-333-2129,Robert Beaudet
12/07/96,A,Middletown,02840,401-683-2250,Jack P Garforth
12/12/96,A,Providence,02910,401-231-9156,Judy Nelson, KC1RI
12/28/96,A,Slatersville,02864,401-333-2129,Robert Beaudet

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10/19/96,W,Columbia,29036,803-345-3373,Ray Rogers
10/19/96,A,N Charleston,29149,803-871-4368,Cyrus E Frank
10/26/96,A,Anderson,29625,864-226-2198,James M Hampton
10/26/96,A,Sumter,29151,803-871-4368,Ed Frank
11/02/96,W,Greenville,29602,803-967-0001,Sue Chism
11/16/96,5,Charleston,29149,803-871-4368,Cyrus E Frank
11/16/96,W,Sumter,29150,803-775-9106,Dan Mask
12/07/96,W,Greenville,29602,803-967-0001,Sue Chism
12/10/96,W,Spartanburg,29302,803-576-5566,H Peter Theiler
12/14/96,W,Columbia,29036,803-345-3373,Ray Rogers
12/21/96,A,N Charleston,29149,803-871-4368,Cyrus E Frank

SOUTH DAKOTA
10/12/96,A,Aberdeen,57401,605-225-8388,Larry Roberts
10/23/96,A,Sioux Falls,57104,605-987-5013,Kevin C Kappenman
11/16/96,A,Pierre,57501,605-224-6805,Jeffrey S Kelley

TENNESSEE
10/12/96,A,Murfreesboro,37130,615-896-3668,Michael Boyea
10/12/96,W,Paris,38251,901-247-5489,Mackie Gallimore
10/13/96,W,Jasper,37347,615-942-5116,Charles Wooten
10/14/96,W,Maryville,37804,423-982-5839,Carroll Peabody
10/19/96,A,Gray,37615,615-239-6456,Jim D Roller
10/19/96,W,Knoxville,37918,423-688-7771,Ray Adams
10/27/96,5,Clarksville,37042,615-552-6746,B C Cash
10/27/96,A,Lebanon,37087,615-444-0429,Jared Chaffin
10/27/96,A,Sparta,38583,615-761-5007,Charles A Nielsen
10/31/96,5,Bristol,37620,423-968-3350,William Owen
11/02/96,A,Oak Ridge,37830,615-531-9432,Charlie Davis
11/02/96,5,Trenton,38316,901-742-3302,Lou E Parker
11/03/96,W,Gallatin,37066,615-452-0883,Ronnie L Gilley
11/10/96,W,Jasper,37347,615-942-5116,Charles Wooten
11/11/96,W,Athens,37331,423-263-9300,Evan Ray
11/12/96,A,Bartlett,38133,901-366-9722,Joan Thorne
11/16/96,A,Columbia,38401,615-381-6814,Charles Miller
11/16/96,W,Knoxville,37918,423-688-7771,Ray Adams
11/19/96,5,East View,38339,901-239-8629,Robert Smith
11/23/96,W,Greeneville,37743,615-639-6495,Abner Richards
11/23/96,W,Paris,38251,901-247-5489,Mackie Gallimore
11/24/96,5,Clarksville,37042,615-552-6746,B C Cash
11/24/96,A,Sparta,38583,615-761-5007,Charles A Nielsen
11/27/96,5,Bristol,37620,423-968-3350,William Owen
11/27/96,W,Morristown,37814,423-429-1403,Tom Parm KS4HH
11/30/96,W,Rosemark,38053,901-829-3712,Walter R Heald
12/06/96,A,Chattanooga,37403,615-886-4714,Arthur W Parry, Jr
12/07/96,A,Oak Ridge,37830,615-531-9432,Charlie Davis
12/08/96,W,Jasper,37347,615-942-5116,Charles Wooten
12/09/96,W,Maryville,37804,423-982-5839,Carroll Peabody
12/10/96,A,Bartlett,38133,901-366-9722,Joan Thorne
12/14/96,A,Nashville,37214,615-824-7216,Murray G Jones, K4ANH
12/14/96,5,Trenton,38316,901-742-3302,Lou E Parker
12/21/96,W,Johnson City,37602,423-282-2490,Jim Bullins
12/21/96,W,Knoxville,37918,423-688-7771,Ray Adams
12/22/96,A,Sparta,38583,615-761-5007,Charles A Nielsen
12/26/96,5,Bristol,37620,423-968-3350,William Owen
12/29/96,5,Clarksville,37042,615-552-6746,B C Cash

TEXAS
10/12/96,5,Arlington,76016,817-572-6511,Ron Land
10/12/96,A,Brownsville,78521,210-546-4779,Bob Austin N5VCG
10/12/96,5,Dallas,75235,214-350-9492,Larry Herring WR3J
10/12/96,5,Dayton,77535,409-258-9462,Jerry McDonald
10/12/96,A,Houston,77062,713-486-2032,James Heil
10/12/96,A,Humble,77338,713-486-2032,James D Heil

10/12/96,A,Midland,79701,915-520-5955,Bryant W Saxon, KD5C
10/12/96,5,Seven Points,75147,905-887-4847,Stuart Wells
10/13/96,A,Humble,77338,713-486-2032,James D Heil
10/17/96,A,San Antonio,78232,210-673-8852,Leslie Dale
10/18/96,5,Corsicana,75110,903-872-1773,Gorman Snider
10/18/96,A,Sherman,75090,903-892-0454,Jerry Newcomb, KC5LRY
10/19/96,A,El Paso,79924,915-544-5863,Gordon L Howard WD0CDD
10/19/96,A,Grangerland,77302,409-231-3753,Jim Moehle
10/19/96,A,Irving,75062,214-252-8015,William Revis, Jr
10/19/96,A,Pearland,77581,713-489-0394,Jerry S Venable
10/19/96,5,Plano,75098,214-442-2592,John Scanlan
10/19/96,A,San Antonio,78223,210-635-7384,Dianna VanBlaricum
10/19/96,5,San Antonio,78223,210-635-7384,Jerry VanBlaricum
10/19/96,5,Whitney,76692,817-694-4047,James McQueen
10/20/96,A,El Paso,79924,505-525-2159,Gunnar C Carlson, Jr
10/22/96,A,Sherman,75090,903-786-2644,J. Still
10/24/96,5,Fort Worth,76140,817-293-6745,Ted Richard
10/24/96,A,Garland,75040,214-475-9407,W. H. (Bill) Reynolds
10/26/96,5,Copperas Cove,76522,817-547-4610,John Easler
10/26/96,A,Dallas,75243,214-997-6282,Bill Warner
10/26/96,5,Ennis,75119,214-875-9435,Joseph Spillers
10/26/96,A,Houston,77088,713-931-9427,Charles W Hobley
10/26/96,A,Pharr,78577,210-702-7938,Maggie Villareal KC5NLO
10/26/96,A,San Antonio,78207,210-433-1714,Armando Aguirre
10/26/96,A,Sour Lake,77659,409-840-9208,John Uttinger AC5AI
10/28/96,5,Jacksonville,75785,903-683-5451,George Winship
10/29/96,A,Abilene,79601,915-672-8889,Peggy Richard
11/01/96,5,Longview,75604,903-759-2160,James Nix
11/02/96,A,Bryan,77840,409-764-7340,Gail Pate N5XNV
11/02/96,A,Harlingen,78550,210-428-2822,Oskar Schreiber, KE5ZV
11/02/96,A,Hempstead,77445,409-826-3274,Jim Royce
11/02/96,A,Nederland,77627,409-736-2542,A C Randle IV
11/02/96,A,Odessa,79761,915-367-0408,Les Blalock
11/02/96,A,Paris,75460,903-737-8562,Tommy Shoulders
11/02/96,A,San Antonio,78223,210-635-7384,Dianna VanBlaricum
11/02/96,5,San Antonio,78223,210-635-7384,Jerry VanBlaricum
11/03/96,A,McKinney,75069,214-734-6309,Jim Moore
11/05/96,5,Amarillo,79109,806-353-7944,George Riley
11/07/96,A,Boerne,78006,210-249-3168,Larry E Becker
11/07/96,A,Hurst,76053,817-268-5206,E C Dorsey
11/09/96,5,Arlington,76016,817-572-6511,Ron Land
11/09/96,5,Bay City,77456,409-843-5083,Elwood Gilchrist
11/09/96,5,Dallas,75235,214-350-9492,Larry Herring WR3J
11/09/96,5,Dayton,77535,409-258-9462,Jerry McDonald
11/09/96,A,Houston,77062,713-486-2032,James Heil
11/09/96,A,Midland,79701,915-520-5955,Bryant W Saxon, KD5C
11/09/96,5,Seven Points,75147,905-887-4847,Stuart Wells
11/09/96,A,Waco,76710,817-859-5374,Alma P Lang
11/12/96,5,Desoto,75116,214-298-6628,Johnny Roberson
11/12/96,A,El Paso,79904,915-751-0693,Jim Kluetz

11/12/96,A,Houston,77036,713-682-6897,Cass Germany
11/14/96,5,Fort Worth,76140,817-293-6745,Ted Richard
11/14/96,A,Houston,77003,713-738-1584,Frank J Laugermann Jr
11/14/96,A,Mesquite,75150,214-564-4210,Phillip Elery
11/15/96,5,Corsicana,75110,903-872-1773,Gorman Snider
11/15/96,A,Sherman,75090,903-892-0454,Jerry Newcomb, KC5LRY
11/16/96,A,Irving,75062,214-252-8015,William Revis, Jr
11/16/96,5,Mission,78572,210-580-1957,Vince Langlois
11/16/96,5,Plano,75098,214-442-2592,John Scanlan
11/16/96,A,San Antonio,78223,210-635-7384,Dianna VanBlaricum
11/16/96,5,San Antonio,78223,210-635-7384,Jerry VanBlaricum
11/16/96,5,Whitney,76692,817-694-4047,James McQueen
11/21/96,A,Houston,77080,713-329-6510,David G Adams
11/21/96,A,San Antonio,78232,210-673-8852,Leslie Dale
11/23/96,A,Belton,76513,817-939-7797,Sandy J Neaves
11/23/96,5,Copperas Cove,76522,817-547-4610,John Easler
11/23/96,A,Sour Lake,77659,409-840-9208,John Uttinger AC5AI
11/23/96,A,Tomball,77375,713-537-9240,Bill Gary K8CSG
11/30/96,A,Houston,77088,713-931-9427,Charles W Hobley
11/30/96,A,San Antonio,78207,210-433-1714,Armando Aguirre
12/01/96,A,McKinney,75069,214-734-6309,Jim Moore
12/05/96,A,Harlingen,78550,210-421-9210,John F Teer
12/05/96,A,Hurst,76053,817-268-5206,E C Dorsey
12/07/96,5,Amarillo,79109,806-353-7944,George Riley
12/07/96,A,Brownsville,78521,210-546-4779,Bob Austin N5VCG
12/07/96,A,El Paso,79930,915-859-5502,Cleyborn Emert
12/07/96,A,Greenville,75401,903-455-0730,William S Fletcher AB5MM
12/07/96,A,Houston,77098,713-558-4932,Lee Gaspard WA5QXE
12/07/96,A,Orange,77630,409-886-7159,Paul Clark
12/07/96,A,Paris,75460,903-737-8562,Tommy Shoulders
12/07/96,A,San Antonio,78223,210-635-7384,Dianna VanBlaricum
12/07/96,5,San Antonio,78223,210-635-7384,Jerry VanBlaricum
12/10/96,5,Desoto,75116,214-298-6628,Johnny Roberson
12/10/96,A,Houston,77036,713-682-6897,Cass Germany
12/12/96,5,Fort Worth,76140,817-293-6745,Ted Richard
12/14/96,5,Arlington,76016,817-572-6511,Ron Land
12/14/96,5,Dallas,75235,214-350-9492,Larry Herring WR3J
12/14/96,5,Dayton,77535,409-258-9462,Jerry McDonald
12/14/96,A,Houston,77062,713-486-2032,James Heil
12/14/96,A,Midland,79701,915-520-5955,Bryant W Saxon, KD5C
12/14/96,5,Seven Points,75147,905-887-4847,Stuart Wells
12/19/96,A,San Antonio,78232,210-673-8852,Leslie Dale
12/20/96,5,Corsicana,75110,903-872-1773,Gorman Snider
12/20/96,A,Sherman,75090,903-892-0454,Jerry Newcomb, KC5LRY
12/21/96,A,Grangerland,77302,409-231-3753,Jim Moehle
12/21/96,A,Irving,75062,214-252-8015,William Revis, Jr
12/21/96,5,Mission,78572,210-580-1957,Vince Langlois
12/21/96,5,Plano,75098,214-442-2592,John Scanlan
12/21/96,A,San Antonio,78223,210-635-7384,Dianna VanBlaricum
12/21/96,5,San Antonio,78223,210-635-7384,Jerry VanBlaricum

12/21/96,A,San Antonio,78207,210-433-1714,Armando Aguirre
12/21/96,5,Whitney,76692,817-694-4047,James McQueen
12/26/96,A,Garland,75040,214-475-9407,W. H. (Bill) Reynolds
12/28/96,5,Copperas Cove,76522,817-547-4610,John Easler
12/28/96,A,Houston,77088,713-931-9427,Charles W Hobley
12/28/96,A,Sour Lake,77659,409-840-9208,John Uttinger AC5AI

UTAH
11/06/96,A,Farmington,84025,801-292-8110,L Brent Thomas
11/11/96,5,Delta,84624,801-864-5936,Stephen Bowes
11/16/96,A,Tooele,84025,801-882-1222,Gene May KC7MBF
12/07/96,A,Salt Lake City,84108,801-582-2438,Gordon R Smith

VIRGINIA
10/12/96,A,Harrisonburg,22801,703-434-3133,Brown Snyder N4ZHV
10/12/96,A,Richmond,23228,804-779-3351,Pat Wilson, N0RDQ
10/19/96,5,Chester,23831,804-330-0006,Anthony Amato
10/20/96,A,Lynchburg,24502,804-386-4651,Charles L Beard AD4ST
10/20/96,A,Roanoke,24016,540-890-6782,Terrance V Vlug
10/26/96,5,Gloucester,23321,804-642-3517,Harry Kepley N4THN
11/02/96,5,Ben Hur,24243,540-546-2323,Charlie Poe
11/02/96,A,Portsmouth,23321,804-484-2857,Arthur A Thiemens
11/08/96,A,Galax,24333,703-236-8672,James Blythe, NX4B
11/14/96,A,Chesapeake,23323,757-421-9598,Pat Phelps KE4URC
11/17/96,A,Lynchburg,24502,804-386-4651,Charles L Beard AD4ST
11/17/96,A,Roanoke,24016,540-890-6782,Terrance V Vlug
11/18/96,A,Coeburn,24230,540-395-6595,Clinton W Hawkins, Jr
11/23/96,A,Charlottesville,22901,804-973-1094,John D Gray
11/23/96,A,Fredericksburg,22407,540-373-7076,Carolyn or John Cavanagh
11/23/96,A,Manassas,22111,703-368-6050,Harry Vorhauer
11/23/96,A,Sterling,20165,703-450-2304,Michael Weber
11/30/96,5,Gloucester,23321,804-642-3517,Harry Kepley N4THN
12/07/96,5,Ben Hur,24243,540-546-2323,Charlie Poe
12/07/96,A,Virginia Beach,23464,804-468-9166,Judy Rogers KD6JMA
12/08/96,A,Lynchburg,24502,804-386-4651,Charles L Beard AD4ST
12/13/96,A,Galax,24333,703-236-8672,James Blythe, NX4B
12/14/96,A,Harrisonburg,22801,703-434-3133,Brown Snyder N4ZHV
12/14/96,A,Richmond,23228,804-779-3351,Pat Wilson, N0RDQ

VERMONT
10/13/96,5,Essex Jct,05452,802-879-6589,Mitchel Stern
10/25/96,5,Essex Jct,05452,802-879-6589,Mitchel Stern
10/27/96,5,Lyndonville,05851,802-626-9028,Al Dilley
11/08/96,A,Burlington,05401,802-878-6454,Ralph T Stetson III
11/22/96,5,Essex Jct,05452,802-879-6589,Mitchel Stern
12/13/96,A,Burlington,05401,802-878-6454,Ralph T Stetson III
12/27/96,5,Essex Jct,05452,802-879-6589,Mitchel Stern

WASHINGTON
10/12/96,A,Colville,99114,509-684-2898,Rex Kamstra
10/12/96,5,Goldendale,98620,509-773-5043,James Nadeau Sr

10/12/96,A,Port Angeles,98362,360-928-9588,Nancy Kramer
10/12/96,A,Tukwila,98125,206-523-9117,Mary E Lewis
10/15/96,5,Auburn,98038,206-432-1594,David Barber
10/16/96,A,Spokane,99223,509-448-5821,Betsy Ashleman
10/19/96,5,Renton,98333,206-549-4062,Jim Christiansen
10/19/96,A,Sultan,98294,206-793-3433,David C Axe
10/19/96,A,Vancouver,98684,360-892-7291,C Wayne Schuler
10/20/96,A,Walla Walla,99362,509-525-7003,Mable Babbitt WB5AVH
10/23/96,A,Everett,98206,206-387-5805,Dwayne E Broderson
10/24/96,A,Ft Lewis,98433,360-456-5571,Jim Elliott AA7OH
10/26/96,A,Bremerton,98310,360-692-8326,Walt Winters AA7TL
10/26/96,5,Long Beach,98641,360-665-5522,Jim Keightley
10/26/96,A,Marysville,98270,206-335-5158,Loren Hole
11/02/96,A,Kent,98032,206-244-2107,B F Antes
11/07/96,5,Kirkland,98036,206-745-0347,Jim Davis
11/09/96,A,Port Angeles,98362,360-928-9588,Nancy Kramer
11/09/96,A,Tukwila,98125,206-523-9117,Mary E Lewis
11/12/96,A,Tacoma,98405,206-845-7652,Jerry Seligman
11/13/96,A,Auburn,98002,206-351-9939,Stephen M Butler
11/14/96,A,Ft Lewis,98433,360-456-5571,Jim Elliott AA7OH
11/16/96,5,Renton,98333,206-549-4062,Jim Christiansen
11/16/96,A,Sultan,98294,206-793-3433,David C Axe
11/19/96,5,Auburn,98038,206-432-1594,David Barber
11/23/96,A,Bremerton,98310,360-692-8326,Walt Winters AA7TL
11/23/96,A,Marysville,98270,206-335-5158,Loren Hole
11/27/96,A,Everett,98206,206-387-5805,Dwayne E Broderson
12/05/96,5,Kirkland,98036,206-745-0347,Jim Davis
12/07/96,5,Ellensburg,98926,509-925-1680,Michael Dunnick
12/07/96,A,Kent,98032,206-244-2107,B F Antes
12/10/96,A,Tacoma,98405,206-845-7652,Jerry Seligman
12/11/96,A,Auburn,98002,206-351-9939,Stephen M Butler
12/11/96,A,Spokane,99223,509-448-5821,Betsy Ashleman
12/12/96,A,Ft Lewis,98433,360-456-5571,Jim Elliott AA7OH
12/14/96,A,Colville,99114,509-684-2898,Rex Kamstra
12/14/96,5,Goldendale,98620,509-773-5043,James Nadeau Sr
12/14/96,A,Port Angeles,98362,360-928-9588,Nancy Kramer
12/14/96,A,Tukwila,98125,206-523-9117,Mary E Lewis
12/17/96,5,Auburn,98038,206-432-1594,David Barber
12/21/96,A,Bremerton,98310,360-692-8326,Walt Winters AA7TL
12/21/96,5,Renton,98333,206-549-4062,Jim Christiansen
12/21/96,A,Sultan,98294,206-793-3433,David C Axe
12/26/96,A,Ft Lewis,98433,360-456-5571,Jim Elliott AA7OH

WISCONSIN
10/12/96,5,Eau Claire,54703,715-834-1303,Carl Searing
10/12/96,A,Madison,53715,608-832-6631,Mark Jenks
10/12/96,A,Medford,54451,715-748-4054,Tom Hrdina N9GEN
10/12/96,5,Redgranite,54982,414-566-4282,James Cox
10/19/96,A,Green Bay,54304,414-336-6087,Keith J Summers N9NOF
10/26/96,A,Tomahawk,54487,715-453-3707,Terry Collins

11/02/96,A,Menomonie,54751,715-235-3998,James P Ley
11/02/96,A,Omro,54963,414-235-0987,Richard Lemme
11/02/96,A,Pewaukee,53072,414-691-3089,Rodger Bradley
11/02/96,A,Racine,53405,414-886-8551,Robert N Jensen
11/03/96,A,Kaukauna,54130,414-759-1167,Larry Siebers
11/09/96,A,Madison,53715,608-832-6631,Mark Jenks
11/09/96,A,Marshfield,54449,715-389-2256,Robert McDaniel
11/09/96,5,Redgranite,54982,414-566-4282,James Cox
11/30/96,A,Onalaska,54650,608-526-9413,Karl Simonson KB9EQI
12/07/96,A,Pewaukee,53072,414-691-3089,Rodger Bradley
12/14/96,A,Madison,53715,608-832-6631,Mark Jenks
12/14/96,5,Redgranite,54982,414-566-4282,James Cox

WEST VIRGINIA
10/12/96,5,Parkersburg,26142,304-422-1823,Dana Pickens
10/24/96,A,Morgantown,26506,412-324-9160,Jan L Ditzian
11/03/96,H,Elkins,26241,304-637-0506,Walter Corley
11/03/96,A,Richwood,26261,304-846-4594,D Scott Bucklew
11/09/96,5,Bluefield,24701,540-326-3338,Don Williams WA4K
11/09/96,5,Bluefield,24360,540-637-6304,Charles Grim
11/09/96,5,Huntington,45623,614-886-5922,Stephen Hutchison
11/14/96,5,Parkersburg,26101,304-485-7777,William McClure
12/01/96,A,Richwood,26261,304-846-4594,D Scott Bucklew
12/07/96,5,Beckley,25827,304-255-5351,Bernard Crump
12/07/96,A,Martinsburg,25401,301-834-8831,Lester M. Reynolds
12/12/96,5,Parkersburg,26101,304-485-7777,William McClure
12/14/96,5,Parkersburg,26142,304-422-1823,Dana Pickens

WYOMING
10/26/96,A,Cheyenne,82001,307-637-8634,Wilson Sellner
11/16/96,A,Cheyenne,82009,307-638-6998,George Anderson

EXAMINATION OPPORTUNITIES OUTSIDE THE UNITED STATES:

GUAM
10/27/96,A,Tamuning,96911,671-647-4012,Gary G Dein NH2G
11/16/96,5,Guam,96912,671-647-4012,Gary Dein
11/24/96,A,Paseo,96910,671-646-7611,Harry Taguchi

PUERTO RICO
10/19/96,5,San Juan,00931,809-737-3609,Edwin Garcia
10/26/96,A,San Juan,00931,809-789-4998,Victor Madera
11/23/96,5,San Juan,00931,809-737-3609,Edwin Garcia
11/30/96,A,San Juan,00931,809-789-4998,Victor Madera
12/14/96,5,Guayama,78401,809-866-2782,Julian Sanchez Coln
12/21/96,5,San Juan,00931,809-737-3609,Edwin Garcia
12/28/96,A,San Juan,00931,809-789-4998,Victor Madera

US VIRGIN ISLANDS
10/12/96,A,St Croix,00820,809-778-3156,Frank Jaeger

OTHER AREAS
10/12/96,A,England,00000,01705-371-677,Betty Steed N3TFX
10/13/96,A,Japan,00000,81-568-21-09,Yoshihiko Hirano
10/22/96,A,Trinidad,00000,207-623-9075,Bernie Zindell
10/24/96,A,Thailand,00000,817-329-3467,Phil Goetz N6ZZ
11/16/96,A,Germany,00000,495271-37211,Alexandra Raker
11/30/96,A,Germany,00000,352-451022475,Joachim Heyse
11/30/96,A,Germany,54662,06562-8569CIV,William H Piles KJ7GL
12/07/96,A,England,00000,01705-371-677,Betty Steed N3TFX
12/07/96,A,Germany,00000,0951-300-8522,Royce L Evans AE4CX
12/07/96,5,Panama,00000,507-272-7400,Charlie Harril
12/14/96,A,England,00000,01705-371-677,Betty Steed N3TFX
12/15/96,5,Japan,00000,816-846-5927,Junichi Tanaka

*EOF

4940. Re: Libel me, Think.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <326046AD.69EE@ccsnet.com>
Source record: 214872

chainsaw@tfs.net wrote:
>
> Burt, you draw it in on yourself. But remember that your pleas for us
> to believe you're *not* a pedophile and a pornographer on the basis of
> having been victim of an imposter work two ways...maybe Tim Smith
> didn't really write this stuff, either. We can't prove you're a
> pervert, and for the very same reasons you can't prove Tim a purveyor
> of libel. An interesting and humorous symmetry exists here!

Of course you are correct. But I can prove Tim Smith made the false
charge.
The real Tim Smith would never apologize.
I know you cannot prove me a pervert. How would I absolutely know that?

> Always wonder why someone who professes to hold the ham community in
> such disdain always includes his call in his tagline. You sure seem
> to have a need to be recognized...as a ham. Something just not right
> with the inconsistent messages you send. And your recent obsession
> with pigs...and a call like k1oiNk...leaves a reasonable person to
> wonder, don't it?

I use my call because old friends can recognize it and one recently did.
Yes I like the OINK in my call. A recent QSL card I had was bright pink
with a pig on it saying "OIK OIK"

> Burt, get help before it's too late.

I am not the one call CQ Contest while my wife leaves me.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#================#===#
| k1oik@ccsnet.com |
#===#
If you try to milk too much, you won't get a drop
Samantha Fisher

4941. Re: Burt Fisher not arrested yet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3260454F.3265@ccsnet.com>
Source record: 214873

Casey wrote:

> Does he challenge people to think by calling them"pigs"? He has
> spammed other newsgroups with his pompus and vile views and
> in my opinion, has nothing to do but sit behind his computer write
> his garbage and wait to die.

I write garbage? What was that above? Sweet nothings in my ear?
Also you lied about me claiming you had a source.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#================#===#
| k1oik@ccsnet.com |
#===#
If you try to milk too much, you won't get a drop
Samantha Fisher

4942. Re: ~FCC closes down all 12 monitoring stations

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: Jim Reese <jimreese@voice.acun.com>
Message-ID: <Pine.LNX.3.91.961012203233.19521C-100000@voice.acun.com>
Source record: 214874
Cross-posted to: rec.radio.amateur.misc,rec.radio.cb,alt.radio.pirate,rec.radio.scanner

Based on my dealings, as a commercial broadcaster, with the FCC, I suspect the agency's budget has been gobbled up by bureaucratic nonsense. Paperwork became the top priority. We were FAR more likely to get handed major fines for an incorrect entry on an EEO form than for some transgression that really mattered.

It isn't that the rules aren't being enforced, it's that priority is being given to enforcing STUPID regulations. That gives the appearance that the FCC isn't doing their job. But, then, I guess they aren't.

I wonder if the people of Virginia Beach really gave a damn that I had a Native American as a Sales Manager. Or would they have been more concerned if my transmitter drifted off frequency and raised havoc with air traffic control at the naval air station a few miles away?

Jim

On Fri, 11 Oct 1996, dj wrote:

> engineer@ccnet.com (Eric Helms) wrote:
>
> The FCC has been a real disappointment to all I believe. Since the
> non-enforcement of CB started, its been downhill for them. They are
> quick to get into your pocket, but real weak in enforcing the rules.
>

4943. Re: Burt Fisher not arrested yet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: subs@ro.com
Message-ID: <53p4r6$lg0@news.ro.com>
Source record: 214875

arden@teleport.com (Arden Eby) wrote:

>n1btq@tiac.net (Tim Smith) wrote:

>>Burt Fisher K1OIK@ccsnet.com <----- Hams this is a "teacher"

>>Would you beleive parents trust their children alone with him?

>Being a relatively conscientious teacher who attempts to maintain a
>professional demeanor, I was concerned about this myself. Thus, I
>spoke to ham from the Boston area who knows Burt personally. He
>assured me that he only taught a few adult ed community college
>courses on a volunteer basis. Burt is, according to this source,
>retired from another field. My source also assured me that Burt means
>no real harm and sees himself as challenging the rest of us to think.
>Though I believe that he has generally failed in this regard, I accept
>the judgment of my source that this is Burt's intent and wish him no
>ill will.

>73 de Arden KI7FG

>***
> Arden Eby
> Internet: arden@teleport.com
> Packet Radio: KI7FG@KA7AGH.OR.USA.NA
> Homepage (Eby's Cyberscroll) http://www.teleport.com/~arden/
>***

Does he challenge people to think by calling them"pigs"? He has
spammed other newsgroups with his pompus and vile views and
in my opinion, has nothing to do but sit behind his computer write
his garbage and wait to die.

Casey

4944. Re: Ham Gear for Sale....

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: Doug Wetzel <dougwe@wrq.com>
Message-ID: <32605EC6.58F5@wrq.com>
Source record: 214876
Cross-posted to: rec.ham-radio,rec.ham-radio.swap,rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.swap,rec.radio.swap

> Me thinks you married unwisely. :^)
> --
> Dick Flanagan W6OLD CFII (dick@merlin.libelle.com) Minden, Nevada

'Married' and 'unwisely' in the same sentence is redundant....

Doug
KC7CO

4945. Amateur Radio Exam session, Smithfield, NC

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: Dave Hockaday <wb4iuy@ipass.net>
Message-ID: <326019F1.388F@ipass.net>
Source record: 214877

The next scheduled Amateur Radio exam session in Smithfield NC is this coming Saturday, Oct. 19.

The Triangle East Amateur Radio Association (TEARA) holds monthly amateur radio exams In Smithfield NC. The tests are held upstairs in the Smithfield Public Library at the corner of Market St. and 3rd St. The tests are on the 3rd Saturday of each month. There is no pre-registration requirement, and test registration begins at 9:30 A.M. sharp. 610 forms are supplied, and the test fee for 1996 is $6.05. The applicant must bring photo ID, any licenses/CSCE's that they have, as well as photocopies of same.

Talk-in is on the following repeaters (they are linked full time): 147.39+ PL 88.5 in Clayton, 442.400+ in Wendell, and 147.30+ PL 88.5 in Wilson. Further information can usually be obtained on the above repeaters, or drop an email to the adress below.

The schedule for the remainder of 1996 is as follows: Oct. 19, Nov. 16, and Dec. 21.
--
Dave Hockaday WB4IUY
wb4iuy@ipass.net
http://www.ipass.net/~teara/

4946. Re: ~FCC closes down all 12 monitoring stations

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: cheshire@ridgecrest.ca.us
Message-ID: <53of4e$gq3@ash.ridgecrest.ca.us>
Source record: 214878
Cross-posted to: rec.radio.amateur.misc,rec.radio.cb,alt.radio.pirate,rec.radio.scanner

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

snippy dee deeee

>In the past, the FCC *micromanaged* the spectrum and its users.
>This often had a stifling effect. The classic example is the
>broadcast and cable service where the regulations fill a book 4
>inches thick. A few years ago, a different doctrine, that of
>deregulation, swept government. The main thrust of this idea
>is that the marketplace is a better method of managing resources
>than government regulation. Thus many of those regulations were
>waived or eased.

>Now the marketplace, and the competition it spurs, is a rough
>and tumble place. It has a Darwinian quality of survivial of
>the fittest. While this allows the cream to rise to the top,
>and fosters a better product, it also allows sacred cows to
>be gored. Entrenched interests have screamed for renewed
>protection as new competitors, new methods, and new services
>have arisen to compete in the marketplace. Some of the entrenched
>interests are threatened by new ways. Now some of the new ideas,
>products, and services fail as well, but some of them have become
>very successful. This is the nature of a free market. The weak idea
>fails and the strong ones survive. This is how progress is made.

>Holding a government license was once almost a grant to print
>money for some. By giving a monopoly to one entity for a certain
>slice of spectrum, the government ensured that competition couldn't
>keep the grantee from gouging. And license grants also limited
>the opportunity for new services to use spectrum in new ways.
>This was stultifying. That's changing now. Change is always
>disconcerting to entrenched interests.

>In many ways, the government hasn't gone far enough in deregulation.
>Half measures are often more chaotic than fully revolutionary change,
>or than no change at all. We're in a situation now where the marketplace
>is not fully free to work, yet the old government strait jacket no longer
>works either. The current situation is neither fish nor fowl. That's not
>good.

>As regulations have been eased, enforcement has been reduced.
>This is not wise. As regulation is stripped to its essential
>core, it becomes more important than ever to enforce those
>core regulations. Many of the nitpicky regulations which were
>once enforced with such zeal are now gone, but among the regulations

>which remain are the important ones required to prevent complete
>chaos. No market can function freely if bandits are free to roam
>its stalls and savage merchants and shoppers. Freedom of market
>entry is good, freedom of competitive action in the marketplace
>is good, but those who abuse that right of entry and competition
>have to be apprehended and stopped from further depredations.

>Enforcement is a hard job in a free market. On the one hand,
>competition must not be stifled by heavy handed application
>of nitpicky regulations. There must be winners and losers in
>the marketplace. This is essential to competition. Entry into
>the marketplace cannot be denied just because some existing
>merchant might be harmed. But wanton acts of vandalism and
>theft must be stopped. The line between fair competition and
>banditry must be maintained.

>It is hard for enforcers to stand idle. The natural tendency
>of enforcers is to *act*. If they can't find cause to act,
>new regulations are created to give them cause to act. This
>is the primary danger of government. Government is often not
>wise enough to stand by and let things proceed. OTOH, there
>are times when government enforcers *must* act. Determining
>which is which requires a degree of wisdom and judgement too
>often lacking in government. It is usually better to err on
>the side of too little enforcement than to err on the side of
>too much. It is better to suffer a little vandalism and banditry
>than it is to suffer under the yoke of oppressive government
>regulation. Freedom is more precious than safety.

>Gary
>--
>Gary Coffman KE4ZV | You make it, | Due to provider problems
>Destructive Testing Systems | we break it. | with previous uucp addresses
>534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
>Lawrenceville, GA 30244 | |

I purposely left your comments intact so that the full impact may be
enjoyed by those that may not have read it the first time. (I'm having
NG problems lately)

Very interesting treatise, and of course who could NOT agree with it?
This is exactly what I meant about the ARRL not changing with the
times. And when the gummment comes to collect all the scanners, it
will be to late. :-}~

Dr Pepper
10 - 2 - 4
Good Anytime

4947. Re: Info about direct AM demodulation wanted

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: <>
Message-ID: <0009567D012A77EC@dol.net>
Source record: 214879

Date: Sat, 12 Oct 1996 07:25:52 GMT
Reply-To: joseph.buch@dol.net
From: joseph.buch@dol.net (Joe Buch)
Subject: Re: Info about direct AM demodulation wanted
X-Newsreader: Forte Free Agent v0.55
Newsgroups: rec.radio.amateur.misc
References: <11002.6370@dol.net>
Lines: 62

sschmitt@ge-serveur.insa-lyon.fr wrote:

>Path: news.dca.net!news.sprintlink.net!news-dc-10.sprintlink.net!demos!news1.relcom.ru!EU
.net!howla
>From: sschmitt@ge-serveur.insa-lyon.fr (Sebastien SCHMITT)
>Newsgroups: rec.radio.amateur.misc
>Subject: Info about direct AM demodulation wanted
>Date: Tue, 15 Oct 1996 16:15:17 GMT
>Organization: INSA Dpt Genie Electrique
>Lines: 12
>Message-ID: <sschmitt.9.3263B895@ge-serveur.insa-lyon.fr>
>NNTP-Posting-Host: gepc7.insa-lyon.fr
>Keywords: AM direct demodulation

>Hello!

>I am interested in direct AM demodulation (without IF).
>Has anybody experience with it?
>Any advice or suggestion of book would be welcome.

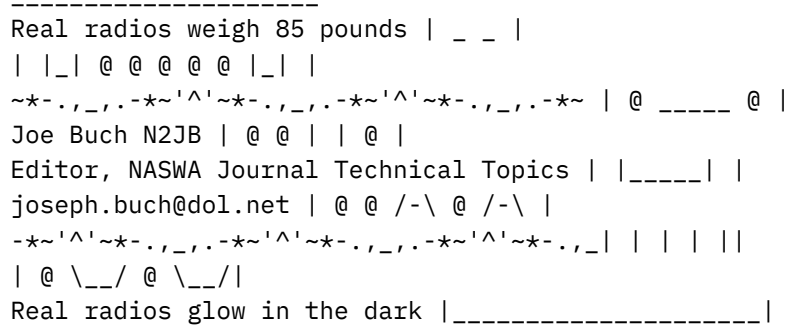
>Thanks for reading SEB.

I presume you are asking about receivers that convert from
RF down to audio in one step. The Radio Amateur's Handbook
published by ARRL. My 1986 edition has a schematic and one
page of discussion on a typical design. It is page 12-8 of
this edition. Check the index for Direct Conversion
Receivers in other editions.

These receivers have lots of problems from front end
rectification of strong local AM signals. This can be
helped with additional RF selectivity and tuned RF
amplifiers.

The receivers are also prone to hum modulation caused by the
local oscillator signal radiating into the power line, being
modulated by the power line frequency, and then received by
the receiver antenna. The oscillator must be very pure to

avoid reception of frequencies at harmonics of the LO
frequency. Again a tuned stage of RF amplification should
help. Good luck.


Real radios weigh 85 pounds
Joe Buch N2JB
Editor, NASWA Journal Technical Topics
joseph.buch@dol.net
Real radios glow in the dark

4948. Re: About KPC-3 TNC ???

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: "J. Miner" <jminer@qed.net>
Message-ID: <325EE99B.78E7@qed.net>
Source record: 214977

Petronet Networks wrote:
>
Try the kantronics home page:

http://www.kantronics.com

73 de Jon N2XFZ

> Hello!
> I am need information about KPC-3 TNC.
> E-mail, please.
> Thanks
> 73! Konstantin, RK1NA ex UN1CD

4949. Re: Burt Fisher not arrested yet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: arden@teleport.com
Message-ID: <53mrgc$t18@nadine.teleport.com>
Source record: 214978

n1btq@tiac.net (Tim Smith) wrote:

>Burt Fisher K1OIK@ccsnet.com <----- Hams this is a "teacher"

>Would you beleive parents trust their children alone with him?

Being a relatively conscientious teacher who attempts to maintain a
professional demeanor, I was concerned about this myself. Thus, I
spoke to ham from the Boston area who knows Burt personally. He
assured me that he only taught a few adult ed community college
courses on a volunteer basis. Burt is, according to this source,
retired from another field. My source also assured me that Burt means
no real harm and sees himself as challenging the rest of us to think.
Though I believe that he has generally failed in this regard, I accept
the judgment of my source that this is Burt's intent and wish him no
ill will.

73 de Arden KI7FG

****
Arden Eby
Internet: arden@teleport.com
Packet Radio: KI7FG@KA7AGH.OR.USA.NA
Homepage (Eby's Cyberscroll) http://www.teleport.com/~arden/
****

4950. Re: ARRL Elections a Sham, AGAIN!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: "William C. (Bill) Wells" <WA8HSU@netusa1.net>
Message-ID: <325F068A.238C@netusa1.net>
Source record: 214979

Jeffrey Maass wrote:
>
> William C. (Bill) Wells (WA8HSU@netusa1.net) wrote:
> : Tuck Miller wrote:
> : >
> : > William C. (Bill) Wells wrote:
> : > >
> : > > Gentlemen:
> : > >
> : > >The only name on the ballot was that of
> : > > the incumbent. This is not because other candidates did not present
> : > > themselves, though!
> : > >
> : > > There was at least one other candidate that I know of who had the
> : > > required number of signatures on a petition who outwardly, at least,
> : > > fulfilled all the requirements to run in the election. But, since his
> : > > politics did not pass muster, the headquarters staff found some arcane
> : > > rule which barred his running in the election.
> : > >
> : > Of course you have the right to vote for whomever you wish, but do you
> : > really think that is really smart? I am sure you are a very intelligent
> : > person. Voting for someone just because they are challenging the
> : > incumbent, well that could be dangerous....
> : >
> : >
> : > Maybe there was a slight descrepancy in this procedure. As one who has
> : > been a part of this process, I do not feel it is a sham..
> : >
>
> : Tuck:
>
> : The candidate who we in the Central Division were denied the opportunity
> : to vote for by Mr. Sumner is Mr. Henry Ruh, the publisher of Amateur
> : Television Quarterly Magazine. He is very well qualified for the office
> : of Division Director. The "sin" which Mr. Ruh committed which
> : prevented us from having the opportunity to vote for the much needed
> : change was that he "made money off or Amateur Radio through his
> : magazine."
>
> : Actually, in his best year, Mr. Ruh only reported a net operating loss
> : of about $12.00 on his Federal Income Tax from the magazine which is not
> : really a business meant as a money maker but is rather a labor of love
> : designed only to be self supporting. Mr. Ruh even offered to sell the
> : Magazine if he would be allowed to run for office.

>
> This is hardly and "arcane" rule: as I recall it's clearly stated in the
> published guidelines for candidates, and is, I believe, a part of the
> By-Laws of the ARRL. It's only "arcane" if it's secret: this isn't.
>
> Perhaps Mr. Ruh would start to make money if he were able to steer ARRL
> policy WRT ATV. Perhaps not. I don' know him, and I don't question his
> altruism in running for the Board. Others certinly _WOULD_ use a position
> on the BoD to line their pockets, given the ability to run and win.
>
> Preventing the appearance of wrongdoing on the part of our elected
> officials is an important goal, and I, for one, want Directors to serve the
> ARRL membership and Amateur Radio, not line their pockets.
>
> If you don't like the rule, work to change it. Start by explaining why it
> _should_ be changed.
>
> --
> Jeff Maass (jmaass@freenet.columbus.oh.us) Amateur Radio K8ND
> USPSA/IPSC # L-1192 NROI/CRO NW of Columbus Ohio

In this case, the sale of the magazine was arranged prior to the election. The buyer and seller were making the final arrangements, all prior to the deadline and while all of this was in the process of going down - prior to the deadline, Mr. Sumner declared Mr. Ruh's candidacy nul and void before the deadline passed.

Sounds to me like Mr. Sumner was a bit over zelous on enforcing the conflict of interest rule since he jumped the deadline and declared Mr. Ruh's candidacy null and void.

Sounds to me like Mr. Sumner made this election a sham.

Sounds to me like some reforming needs to be done, like when the deadline is needs to be better defined, like what a deadline is needs further explanation, etc. so candidates who want to reform the League have a fair opportunity so members like me have the oportunity to vote for something other then politics as usual.

Bill - WA8HSU - ARRL Member # 1233411

4951. IC-T21A MODS NEEDED!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: kc4oxp@avana.net
Message-ID: <53n627$2np@home.electricpages.com>
Source record: 214980

Just aquired this radio, Now I am needing all mods that are known
regarding this radio. Please send info via email to kc4oxp@avana.net

THANKS!!
73 de Danny KC4OXP

4952. Re: Dealing with contest pigs (hams).

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: garyk9gs@solaria.sol.net
Message-ID: <53nboe$gbj@hummin.sol.net>
Source record: 214981
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Howard Watson (hwatson@erinet.com) wrote:

: >So in actuality the contest pig eats most of the PRIME time.

: This is one area in which I would agree with Burt. At the very least,
: restrict each contest to ONE band each contest.
: Howard B. Watson Jr. - N3TNQ - hwatson@erinet.com - Springfield, OH

Yes, this will allow more discussions of medical problems, guns, militia group of the month and other useful topics.

What is it exactly that you anti-contesters want? Totally QRM-Free bands? Good luck!

I still stand by my original math.

For a phone DX contest
1) All bands, with the possible exception of 20M and 15M during periods of high solar activity, will have plenty of open space still available. The WARC bands will be COMPLETELY available to non-contesters.

2) The CW and Digital portions of the bands will be completely unused by contesters.

During CW contests, band congestion really is not much of a problem. There is always room higher up in the band.

I am really at a loss as to what the anti-contesting crowd is bitching about. If I had to venture a guess, I'd say that they resent the better equipped stations, technical advances and operating skills that most serious contesters exhibit.

The issue is certainly not spectrum utilization, more likely spectrum bigotry.

--
73,
Gary K9GS

____
/ K9GS |_____________________________
/ FP/K9GS, TO5M |Society of Midwest Contesters |_____________________
(| garyk9gs@solaria.sol.net |Secretary/Treasurer/
\ Gary Schwartz | K9GS@WA9KEC.WI.USA.NOAM | Greater Milwaukee/
_____________________| PacketCluster: NB9C | DX Association (
(_____________________________| GMDXA \
KNOW CODE ! (_____________________\

4953. Ham Web Page

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: marty@trucom.com
Message-ID: <53ncln$6jg@thepit.trucom.com>
Source record: 214982
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.space

Hello, Folks:

I have just put up my new home page and invite all to drop in for a look. Included at the site are the following areas:

Ham Radio -- Mostly packet, mostly high speed

Pipe Smokers -- Very, very much still under construction

Astronomy -- Mostly Amateur Radio Astronomy (good 2nd interest for Hams!)

Mapping -- Mostly about elevation maps

Heartland Internet Services -- Lots of Web Presence information

The URL to use is:

http://www.trucom.com/ppages/marty

Thanks!

Take Care & 73

Marty Albert - marty@trucom.com
Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM

Heartland Internet Services

****
If you're making too much money, don't go here!
http://www.adgrafix.com/info/calbertjr/sales.html
****

4954. Fox Hunt!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: marty@trucom.com
Message-ID: <53nciv$6jb@thepit.trucom.com>
Source record: 214983
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna

Hello, Folks:

On October 13, 1996 the Eastern Ozarks Amateur Radio Club (EOARC) will sponsor a Fox Hunt in St. Francois County Missouri.

Sign up will be from 1300-1330 at the Mineral Area College parking lot in Park Hills (formerly Flat River) and the Hunt itself will start at 1400.

Entry is _FREE_ but you must register!!

Maps of St. Francois County will be provided.

The Fox will live on 2m FM simplex and the exact frequency will be announced by the Fox at 1400. The Fox will be somewhere in St. Francois County.

Certificates and ribbons will be awarded.

From St. Louis, take Interstate 55 south to US highway 67 south to the Leadington/Park Hills exit then turn left.

From Cape Girardeau, take Interstate 55 north to US Highway 67 south as above.

From Poplar Bluff, take US Highway 67 north to exit as above and turn right.

You may call on the EOARC repeater on 147.030 (+600) for talk-in.

All Amateurs are welcome and encouraged to attend!

Take Care & 73

Marty Albert - marty@trucom.com
Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM

Heartland Internet Services

****
If you're making too much money, don't go here!
http://www.adgrafix.com/info/calbertjr/sales.html
****

4955. Re: ~FCC closes down all 12 monitoring stations

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct12.074659.12490@ke4zv.atl.ga.us>
Source record: 214984
Cross-posted to: rec.radio.amateur.misc,rec.radio.cb,alt.radio.pirate,rec.radio.scanner

In article <engineer-1010961833250001@macb203.svl.trw.com> engineer@ccnet.com (Eric Helms) writes:
>I know that many people think that the FCC was and continues to be a royal
>pain in the _ _ _ but I for one will miss some of the support that was
>received from the FCC in the past.
>
>As society becomes more and more dependant on using the RF spectrum as a
>vehicle for communication and other activities, we need to ensure that the
>frequency spectrum is MANAGED in such a way that all of us may use it in
>one way or another. Key word is manage, which to me means the focal point
>for activites. What kind of activies am I talking about?
>
>I gave up on CB about 6 months after the FCC killed the license
>requirement for that activity. The activities I encountered while
>listening/participating (at the time I was stationed in Hawaii) were rough
>to say the least. (Linear amps with sideband splatter 3 channels either
>side of the base carrier.) Perhaps I will get my ham license someday,
>provided that it too doesn't go away.
>
>As a boat owner, I carry a hand held Marine VHF. The FCC has done in the
>majority of the license requirements for operation of Marine VHS as well.
>I can't wait to hear how out of control that band will get, considering
>that Marine VHF is often used for life support activites.
>
>The Livermore, CA monitoring facility (one of the ones which is becoming
>automated) is less than a mile from our RC aircraft flying field. We have
>obtained the assistance from the FCC staff at that facility to help
>resolve issues with RFI problems several times in the past. Where are we
>going to get real time assistance in the future? Philly?
>
>Questions for all; Why are these facilities shutting down? Why has the
>operations budget been reduced to a point where they can no longer do the
>job as defined by the charter? What is the impact going to be on all of
>us?

In the past, the FCC *micromanaged* the spectrum and its users.
This often had a stifling effect. The classic example is the
broadcast and cable service where the regulations fill a book 4
inches thick. A few years ago, a different doctrine, that of
deregulation, swept government. The main thrust of this idea
is that the marketplace is a better method of managing resources
than government regulation. Thus many of those regulations were
waived or eased.

Now the marketplace, and the competition it spurs, is a rough and tumble place. It has a Darwinian quality of survivial of the fittest. While this allows the cream to rise to the top, and fosters a better product, it also allows sacred cows to be gored. Entrenched interests have screamed for renewed protection as new competitors, new methods, and new services have arisen to compete in the marketplace. Some of the entrenched interests are threatened by new ways. Now some of the new ideas, products, and services fail as well, but some of them have become very successful. This is the nature of a free market. The weak idea fails and the strong ones survive. This is how progress is made.

Holding a government license was once almost a grant to print money for some. By giving a monopoly to one entity for a certain slice of spectrum, the government ensured that competition couldn't keep the grantee from gouging. And license grants also limited the opportunity for new services to use spectrum in new ways. This was stultifying. That's changing now. Change is always disconcerting to entrenched interests.

In many ways, the government hasn't gone far enough in deregulation. Half measures are often more chaotic than fully revolutionary change, or than no change at all. We're in a situation now where the marketplace is not fully free to work, yet the old government strait jacket no longer works either. The current situation is neither fish nor fowl. That's not good.

As regulations have been eased, enforcement has been reduced. This is not wise. As regulation is stripped to its essential core, it becomes more important than ever to enforce those core regulations. Many of the nitpicky regulations which were once enforced with such zeal are now gone, but among the regulations which remain are the important ones required to prevent complete chaos. No market can function freely if bandits are free to roam its stalls and savage merchants and shoppers. Freedom of market entry is good, freedom of competitive action in the marketplace is good, but those who abuse that right of entry and competition have to be apprehended and stopped from further depredations.

Enforcement is a hard job in a free market. On the one hand, competition must not be stifled by heavy handed application of nitpicky regulations. There must be winners and losers in the marketplace. This is essential to competition. Entry into the marketplace cannot be denied just because some existing merchant might be harmed. But wanton acts of vandalism and theft must be stopped. The line between fair competition and banditry must be maintained.

It is hard for enforcers to stand idle. The natural tendency of enforcers is to *act*. If they can't find cause to act, new regulations are created to give them cause to act. This is the primary danger of government. Government is often not wise enough to stand by and let things proceed. OTOH, there

are times when government enforcers *must* act. Determining
which is which requires a degree of wisdom and judgement too
often lacking in government. It is usually better to err on
the side of too little enforcement than to err on the side of
too much. It is better to suffer a little vandalism and banditry
than it is to suffer under the yoke of oppressive government
regulation. Freedom is more precious than safety.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4956. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: tgold@microvst.demon.co.uk
Message-ID: <845112168snz@microvst.demon.co.uk>
Source record: 214985

In article <53ebgv$bia@news.Hawaii.Edu>
jherman@Hawaii.Edu "Jeffrey Herman" writes:

> When I changed my mailing address (about one year prior to renewal)
> the FCC also renewed my license; it's new expiration date is in 2006
> rather than in 1997. So it's possible that the anniversary and renewal
> dates will coincide.

An interesting theory. Can any beneficiary of a Gate 1 or 1A call
change tell us if their new license was for a new full 10 year term?

Is it Commission policy to issue a fresh 10 year license after any
license change? It sounds just all too sensible, practical and
paperwork saving to be true :-)

If it is so, the FAQ's should be amended to explain that a license
can indeed be renewed at any time so long as a change requiring the
filing a Form 610 is made. Just add or remove a middle initial or
changing the punctuation of the address should do it.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

4957. Re: Burt Fisher not arrested yet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: n1btq@tiac.net
Message-ID: <53n1os$42v@news-central.tiac.net>
Source record: 214986

In article <53mrgc$t18@nadine.teleport.com>,
arden@teleport.com (Arden Eby) wrote:
>Being a relatively conscientious teacher who attempts to maintain a
>professional demeanor, I was concerned about this myself. Thus, I
>spoke to ham from the Boston area who knows Burt personally. He
>assured me that he only taught a few adult ed community college
>courses on a volunteer basis. Burt is, according to this source,
>retired from another field. My source also assured me that Burt means
>no real harm and sees himself as challenging the rest of us to think.
>Though I believe that he has generally failed in this regard, I accept
>the judgment of my source that this is Burt's intent and wish him no
>ill will.
>
>73 de Arden KI7FG

Hi Arden:

Burt is well known not only on Cape Cod, his seemingly harmless antics (regardless of intent) are far reaching. His association with the teaching community casts a shadow over the respected, usually thankless profession. A strong, well informed PTA would simply not tolerate this type of personality in their school system due to the huge magnifying glass on the profession due to recent incidents on the 'Cape and elsewhere in Massachusetts ranging from pedaphiles, student abduction and acting in pornographic films. Burt's posting of questionable image files continues in that tradition. Harmless maybe...maybe not. Boston/Providence media is hungry for that kind of publicity.

Tim

4958. Re: SBPMorse experiences?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: brianb@gte.net
Message-ID: <325f99d3.5004093@news.gte.net>
Source record: 214987

>Hi,
>
>I've recently got a copy of SBPMorse to see how effective it is. I've got
>the headphone socket of my ageing R210 hooked up to the line-in of the Sound
>Blaster card, and I'm monitoring the signal through the headphone socket on
>the card itself.
>
>Anyway, to cut a long story short, after tuning in to a strong, reasonably
>clear slow morse signal the program just sits there and does nothing. I've
>tried all sorts of combinations - varying the input "volume", trying the mic
>input, using different morse signals etc - all with the same result. The program
>gives no indication that its receiving anything at all. Has anyone else had
>experience with this package that could give me some pointers?
David,
Where does one get a copy of this software?
If and when ya respond to this could you do it by Email. Sure would
appreciate it! Thanks in advance.
Brian

Life is what you make of it. So GO for it!

brianb@gte.net

4959. Re: Dealing with contest pigs (hams).

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: hwatson@erinet.com
Message-ID: <53mpme$1u0@eri.erinet.com>
Source record: 214988
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

>If you like the WARC bands so damn much put the contest pigs there
>because there is hardly anyone else there.

>> FINALLY, there are no contests left that occupy more than a 48 hour
>> period. Even if there were a major contest EVERY WEEKEND, for 48 hours,
>> that would only be 104 days (52 weekends X 2 days/weekend) out of 365
>> days in a year or ONLY 28 %. This is assuming that you operate 48 hours
>> continuously every weekend. I don't think you have much to WHINE about.

>Most people have weekends off so putting contests there deprives MOST
>real people
>of the decent ham frequencies. Since there is so much time available put
>the contests on between 12 mid to 6 AM Monday-Friday.

>So in actuality the contest pig eats most of the PRIME time.

This is one area in which I would agree with Burt. At the very least,
restrict each contest to ONE band each contest.
Howard B. Watson Jr. - N3TNQ - hwatson@erinet.com - Springfield, OH

4960. Re: HELP I/D this printer?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: John Bachman <john@anatekcorp.com>
Message-ID: <01bbb841$2a80f4e0$2c0616cf@Panatek>
Source record: 214989
Cross-posted to: whidbey.general.seattle.forsale.computers,rec.radio.swap,sci.electronics.repair,rec.radio.amateur.misc

The first three digits of the FCC number ID the manufacturer which might help. See www.anatekcorp.com/fcc.htm for more details.

4961. Can Amatuer Radio survive ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: kk5dr@io.com
Message-ID: <53o7dk$5qd@nntp-3.io.com>
Source record: 214990

Will it be alive, as we know it, in 10-20 yrs.? Your opinions please.

4962. New "code" test paramters .

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: kk5dr@io.com
Message-ID: <53o7rd$5qd@nntp-3.io.com>
Source record: 214991

I propose that we "de-emphasize the CW part of Amatuer tests, making the test a total cumulative, type test,
where in the failure of any one element is not a total failure. I.E. The code part would count for only 30% of the
total score, if you can pass the "theory" witha perfect 70%, yet fail the CW part , you would still pass, and if
you got 5-20% of the CW, you would be able to lose part of the theory, and still pass the over-all total of at
least 70% score .
What do you think of this idea ?
Hey, FCC, ARRL, what about it ??
A "compromise", for the "coders & the non-coders" arguements.

4963. Help!! for Jonhson Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: av367@lafn.org
Message-ID: <53o7t0$6k1@zook.lafn.org>
Source record: 214992

I need to know if I can still use this Radio. This radio is leased to
us,drivers, by our company.Now my compony has closed (bankruptcy)
and I still have the Radio with me and teletrak.
Question: Can I still use this Radio??
If so How? and what shall I do ?

r

4964. Re: Dealing with contest pigs (hams).

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: Rich Griffiths <richg@one.net>
Message-ID: <325FAA77.11B6@one.net>
Source record: 214993
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Gary Schwartz wrote:
> <snip>
>
> What is it exactly that you anti-contesters want? Totally QRM-Free bands?
> Good luck!
>
> I still stand by my original math.
>
> For a phone DX contest
> 1) All bands, with the possible exception of 20M and 15M during periods of
> high solar activity, will have plenty of open space still available. The
> WARC bands will be COMPLETELY available to non-contesters.
>
> 2) The CW and Digital portions of the bands will be completely unused by
> contesters.
>
> During CW contests, band congestion really is not much of a problem.
> There is always room higher up in the band.
>
> I am really at a loss as to what the anti-contesting crowd is bitching
> about.< snip >

Like many of the other positions that have been stated on this issue, this one pushes things to extremes. My problem with contests is simple:

1. Many contests are not a problem. The CW, RTTY, and most VHF/UHF contests, for example, do indeed leave plenty of room (and time) for others who want/need the same space.

2. HF phone contests tend to be a big problem. No other ham activities so thoroughly occupy and dominate a ham band as the big phone contests. Contesters will routinely pop up on frequencies already in use and begin calling "CQ contest". They resist moving, and sometimes will reappear within 1 kHz (or less) when they do move. QRM-sensitive modes like SSTV become impossible.

Contesting is a commendable activity. But changes should be made so that contests do not own the phone bands as much as they do.

Rich W2RG

4965. Libel me, Think.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <325FB3E4.63D4@ccsnet.com>
Source record: 214994

Tim Smith wrote:

> Burt is well known not only on Cape Cod, his seemingly harmless antics
> (regardless of intent) are far reaching. His association with the teaching
> community casts a shadow over the respected, usually thankless profession. A
> strong, well informed PTA would simply not tolerate this type of personality
> in their school system due to the huge magnifying glass on the profession due
> to recent incidents on the 'Cape and elsewhere in Massachusetts ranging from
> pedaphiles, student abduction and acting in pornographic films. Burt's
> posting of questionable image files continues in that tradition. Harmless
> maybe...maybe not. Boston/Providence media is hungry for that kind of
> publicity.

Your opinion is your opinion and you are welcome to it but when you mix
false statements into it then you are treading on thin legal ground.
You inference that I am in any way associated with the pigs mentioned
above is libelous. I have post NO image files ANYWHERE on ANY news group
with the exception of a picture of me here several months ago (and the
same picture in ASD). At that time I was told that binaries are
unwelcome thus did not post them in the last several months.

Additionally most teacher contracts protect teachers jobs from being
attacked for what they do in their private lives unless there is a
criminal charge.
There are exceptions if there is pornography involved.

The only thing I am guilty of is calling hams pigs. I have worked with
teens for many years. I sometimes made mistakes but none were ever
related to morals.

Several weeks ago someone (maybe it was you because you are pretty smart
about such things) posted a message to every sex group that "Burt
Fisher" had a
secret password to sex sites. I received at least a thousand responses
to a message I did not post. My name also shows up on DeJa news as
having posted on all those sites, even though I did not. Several years
ago I posted a picture of me and a picture of my shack, someone made a
near naked (and faked) picture of a woman in my shack and posted it to
many local BBSes. It was funny I admit but I was not the poster. About a
year ago some one telenetted into CCSnet and somehow got my password and
posted many messages from "Burt Fisher" So when you say "The picture you
posted..." It should be the "picture you appeared to have posted." So be
careful what you say in public. You made this comment in public I
expect an apology.

4966. Re: Burt Fisher not arrested yet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <325FB4D6.2AF6@ccsnet.com>
Source record: 214995

Arden Eby wrote:
>
> Being a relatively conscientious teacher who attempts to maintain a
> professional demeanor, I was concerned about this myself. Thus, I
> spoke to ham from the Boston area who knows Burt personally. He
> assured me that he only taught a few adult ed community college
> courses on a volunteer basis. Burt is, according to this source,
> retired from another field.

Your source in the above information is totally FALSE.

> My source also assured me that Burt means
> no real harm and sees himself as challenging the rest of us to think.
> Though I believe that he has generally failed in this regard, I accept
> the judgment of my source that this is Burt's intent and wish him no
> ill will.

The above is correct but I think it is your opinion, not your sources.

4967. The truth about N1BTQ

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <325FB6D9.C3F@ccsnet.com>
Source record: 214996

Actually I do not know much about N1BTQ. I have HEARD
stories but I have no reason to believe they are true.
(the stories are both very positive and slightly negative)

I do know he does not like me and I used to make fun
of him due to his weight. We had arguments in previous years
that were so unimportant that I do not even recall what they were
about but I think he attacked KA1THM but my memory is vague.

But unlike him I will not make false charges without proof.
Of course maybe he did not even make the false charge, maybe
it was somewone else using his name?

Many people have posted under my name and some still know my password.
I tried changing it but than I forgot it.

Boy am I dumb.

Anyone agree?

```
#================#=====================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | If you sit on the fence, it is a pain in the butt|
#================#=====================================================#
| k1oik@ccsnet.com |
#=========================================================================#
```

If you try to milk too much, you won't get a drop
Samantha Fisher

4968. False postings (ala N1BTQ).

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <325FB87C.28C9@ccsnet.com>
Source record: 214997

If you want an example of someone using my ID look at
www.io.com/~larrybob/guestbook.html

You will see some disgusting comments I did not make but
A P P E A R to have made.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#================#===#
| k1oik@ccsnet.com |
#===#
If you try to milk too much, you won't get a drop
Samantha Fisher

4969. Cushcraft Antenna Problem

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: QXBJ74A@prodigy.com
Message-ID: <53od3t$kgs@useneta1.news.prodigy.com>
Source record: 214998

Subject: Cushcraft Antenna Problem

I purchased the Cushcraft AS270-10S antenna a couple of months ago, but just found time to set it up this weekend. I am finding that I am unable to use the 70cm side of it. I mounted it on my roof pointed in the direction of a repeater in my area I can hit using my HT and rubber duck. When trying to use the beam antenna, I can key the repeater but am uncopyable

I have tried this antenna using both the "Y" adapter that Cushcraft provides, as well as a direct connection to the 70cm side of the antenna.

Any suggestions would be muchly appreciated.

Thanks

Marc Taylor
KC7JKF
Ogden, UT

4970. Re: Ham Gear for Sale....

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: twhite@digitrix.com
Message-ID: <53oduq$d4u@newshost.cyberramp.net>
Source record: 214999
Cross-posted to: rec.ham-radio,rec.ham-radio.swap,rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.swap,rec.radio.swap

>I have the following Ham Gear FOR SALE....
>
>Kenwood TS-450AT w/ narrow SB Filter and Heil Desk Mic. It's in
>Mint Condition and works fine. Price: $ 750.00 + shipping
>
>Nye Viking Roller Inductor Tuner Model MB-V-A . Great Shape & Works
>Fine. Price: $ 400.00 + shipping
>
>Henry 2k-4 Console Amp. Has new transformer. Works Great and Looks
>just as good. Because of size this is pickup only.... Price: $ 750.00
>
>Reason for selling is that I just got married a few months ago and
>either the Ham Gear or me go.

I'm sure you'll miss her... :-) :-) :-) :-) :-)

4971. number of hams,cost to run amateur radio in uk

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: bert@skypilot.demon.co.uk
Message-ID: <325fb58e.4027772@news.demon.co.uk>
Source record: 215000
Cross-posted to: uk.radio.amateur,rec.radio.amateur.policy,rec.radio.amateur.misc

ra chief executives g8hjh jim nortons pay+bonus
Civil Service Salary Bands
1995 1995 1995 1994
 No. No. No.
Grade 5 38,341 - 56,953 6 5

Jim Norton Chief Executive's remuneration:
Salary including taxable benefits in kind 69,301 66,242
Bonus payments 6,500 500

Total 75,801 66,742
---

ra costs on cb/amateur radio

1995 1994
income cost surplus income cost surplus
(deficit) (deficit)
in '000 pounds

Citizens Band Radio 735 1,196 (461) 851 1,015 (164)
Amateur Radio 997 1,460 (463) 984 927 57

The financial objective in each case is to recover the full cost from
customers. Full cost for each individual form of a statutory service
is
calculated by the Agencis costing system and involves a significant
apportionment of overhead costs which cannot be directly allocated at
this
level of detail. The performance in each case against the objective of

full cost recovery is evident from the figures given. The Agency is
developing a three-year plan to minimise surpluses/deficits on service

sectors and to reduce significantly its overall surplus.

number of uk hams 94/95 1995 1995

Amateur Radio A 32,793 31,817
Amateur Radio B 26,530 29,717
Amateur Radio Novice A 192 139
Amateur Radio Novice B 1,942 1,360
Amateur Sub Total 61,457 63,033

4972. g3rkl repeater logic ready built by g4lue

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: bert@skypilot.demon.co.uk
Message-ID: <325fb5a9.4055005@news.demon.co.uk>
Source record: 215001
Cross-posted to: uk.radio.amateur,rec.radio.amateur.policy,rec.radio.amateur.misc

ernie g4lue will supply a ready built g3rkl repeater logic board any
where in the world for the costs of parts and labour.
the g3rkl logic board was featured in an article in the rsgb radcom
some years ago.
you can contact ernie direct qthr or via email on here

4973. ra views on cb and amateur radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: bert@skypilot.demon.co.uk
Message-ID: <325fb5b6.4068395@news.demon.co.uk>
Source record: 215002
Cross-posted to: uk.radio.amateur,rec.radio.amateur.policy,rec.radio.amateur.misc

RA on Amateur/Citizen's Radio

The following is taken from the 1995
ra annual report:

The Agency re-tendered the contract for the
distribution of amateur radio and citizen's
band (CB) radio licences. This was
alongside the tendering of the similar work
in respect of ship radio licences referred to
earlier. As a result of this process,
Subscription Services Limited (SSL), a
subsidiary of the Post Office, was awarded a
further contract from 1st April 1995 - to
continue from their three-year contract
which expired on that date.

The new contract introduces a number
of significant improvements to the service
provided. Details of the changes, and the
enhancement to customer service, were sent
to all amateur radio and CB licence holders
at the beginning of 1995. The Agency will
monitor closely the new arrangements
introduced in partnership with SSL.
The Agency) also announced during
the year that it would be changing the
terms of the standard licence for amateur
radio (and CB) to make it clear that it
reserves the right to publish the names of
those whose licences are revoked.

Licences are revoked occasionally,
normally following a prosecution in
respect of a misuse of the amateur radio
(or C.B) hands. The Agency remains
concerned at the continuing abuse of these
services. Within available resources it will
do what it can to continue to police the
airwaves, in co-operation with
representatives of the amateur radio and
CB communities. It will also, in suitable
cases, give publicity to cases of abuse
which comes to its attention.

The re-tendering of the licence administration work took up a great deal of the Agency's efforts during the year, but progress was made on a wide range of issues in relation to amateur radio in our regular discussions with the Radio Society of Great Britain (RSGB). Good progress was made in reviewing the arrangements for packet radio which is the key initiative currently under discussion.

The Agency took a number of initiatives during the year to improve the service available to CB licence holders. A key step was the introduction of rules concerning CB antennae - which represent a marked relaxation of the previous rules.

This followed a good deal of discussion with representatives of the CB community and other interested parties and was generally warmly welcomed by CB users.

The Agency has also held monitoring work being undertaken within ETSI on a new AMSSB standard for CB radio. Whilst there are many CB users who would like to see the introduction of an AM CB service within the UK, there are others who recognise that, to do so, could give rise to significant amounts of interference to the established FM CB service. Whilst the industry-led standards work continues, the Agency has not committed itself to the introduction of an AM/SSB standard itself and this is a position shared with a number of other radio administrations in Europe.

4974. CW-Learn-Program

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: hhoeffner1@aol.com
Message-ID: <53oj0h$i6c@newsbf02.news.aol.com>
Source record: 215003

Hello
is anyone out there who could help me finding a CW_Program learning to
hear and to give CW Signs ?

Thank you for your help.

Please answer me on :HHoeffner1@aol.com

4975. Re: Dealing with contest pigs (hams).

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: rogerjb@ibm.net
Message-ID: <53olu2$sfm@news-s01.ca.us.ibm.net>
Source record: 215004
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <53mpme$1u0@eri.erinet.com>, hwatson@erinet.com (Howard Watson) writes:
>This is one area in which I would agree with Burt. At the very least,
>restrict each contest to ONE band each contest.
>Howard B. Watson Jr. - N3TNQ - hwatson@erinet.com - Springfield, OH
>

Or better yet, restrict them to certain frequency segments of each band.

Roger J. Buffington
W6VZV
rogerjb@ibm.net

USC Law School, Class of '97

"I want to die peacefully, in my sleep, like my Grandfather."
"Not screaming, and in terror, like his passengers."

4976. Re: Can Amatuer Radio survive ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-12 00:00:00 UTC
From: rogerjb@ibm.net
Message-ID: <53olqo$sfm@news-s01.ca.us.ibm.net>
Source record: 215005

In <53o7dk$5qd@nntp-3.io.com>, kk5dr@io.com writes:
>Will it be alive, as we know it, in 10-20 yrs.? Your opinions please.

Not if the CW requirement for HF privileges continues to turn the internet generation away from our hobby.

1) For most non-hams, the facination of amateur radio is the idea of communicating long distances via radio in real time.

2) For the most part, this means HF privileges.

3) In today's world, peoples' time is limited. They are not willing to spend a lot of time mastering a skill they perceive as being valueless.

4) CW is perceived as being valueless. It is viewed by most people nowadays as a relic of the past, not worth spending hours per week mastering.

5) CW is valuable only as recreation. It is almost never used in emergencies, has been abandoned by the Coast Guard, and actually banned from MARS.

6) Because of the above, this hobby is not attacting young people. Until the Morse requirement is killed, our hobby will continue to die.

7) The lack of young people is starkly evident on 20M SSB. This sounds like a combination geriatric ward/retirement community. It is nearly impossible to work anyone on 20M who is not retired. This is evidence of our hobby's slow death.

Roger J. Buffington
W6VZV
rogerjb@ibm.net

USC Law School, Class of '97

"I want to die peacefully, in my sleep, like my Grandfather."
"Not screaming, and in terror, like his passengers."

4977. Re: Burt Fisher not arrested yet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: subs@ro.com
Message-ID: <53q1fv$rt5@news.ro.com>
Source record: 214807

Burt Fisher <k1oik@ccsnet.com> wrote:

>Casey wrote:

>> Does he challenge people to think by calling them"pigs"? He has
>> spammed other newsgroups with his pompus and vile views and
>> in my opinion, has nothing to do but sit behind his computer write
>> his garbage and wait to die.

>I write garbage? What was that above? Sweet nothings in my ear?
>Also you lied about me claiming you had a source.

I don't know what your talking about. You have me confused with
another person who thinks your a pompous ass.

4978. Re: Dealing with Contests

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <53r0rf$oin@lehi.kuentos.guam.net>
Source record: 214808

rogerjb@ibm.net wrote:

>In <53mpme$1u0@eri.erinet.com>, hwatson@erinet.com (Howard Watson) writes:
>>This is one area in which I would agree with Burt. At the very least,
>>restrict each contest to ONE band each contest.
>>Howard B. Watson Jr. - N3TNQ - hwatson@erinet.com - Springfield, OH
>>

>Or better yet, restrict them to certain frequency segments of each band.

>Roger J. Buffington
>W6VZV
>rogerjb@ibm.net

>USC Law School, Class of '97

That will never work, Roger. Kind of like trying to restrict people to posting messages in only one newsgroup. But this thread is interesting in the fact that apparantly some hams dislike contests as much as some other hams dislike CW. Maybe nobody likes EVERYTHING about ham radio ?

Personally, I like contests. But I hate packet, especially on HF. And I hate DX nets. So I guess I should start a campaign to restrict DX nets and HF packet ? Or maybe my current plan is better - I just avoid the frequencies on which those two activities occur. I thought the digital satellites were a real waste of time too, I fixed that problem by taking down my satellite antennas. Can't hear them anymore.....

Major contests never have SSB and CW on the same weekend, so instead of figuring out ways to ruin the peoples fun who enjoy contesting, maybe we could figure out ways to aviod them - play with SSB on the CW contest weekends, and play with our favorite digital mode on the SSB contest weekends ?

The other thing I have noticed, Roger, that seems to be similar between contests and CW, is that it seems like people who dislike contests the most never tried one.....

73, Jim KH2D
Burtonsville Reform School, Class of '68

4979. Re: Dealing with Contests

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <53r0no$gjv@jupiter.planet.net>
Source record: 214809

> pacrimgolf@kuentos.guam.net (Jim Kehler) writes:
> rogerjb@ibm.net wrote:
>
> >In <53mpme$1u0@eri.erinet.com>, hwatson@erinet.com (Howard Watson) writes:
> >>This is one area in which I would agree with Burt. At the very least,
> >>restrict each contest to ONE band each contest.
> >>Howard B. Watson Jr. - N3TNQ - hwatson@erinet.com - Springfield, OH
> >>
>
> >Or better yet, restrict them to certain frequency segments of each band.
>
> >Roger J. Buffington
> >W6VZV
> >rogerjb@ibm.net
>
> >USC Law School, Class of '97
>
> That will never work, Roger. Kind of like trying to restrict people to posting
> messages in only one newsgroup. But this thread is interesting in the fact
> that apparantly some hams dislike contests as much as some other hams
> dislike CW. Maybe nobody likes EVERYTHING about ham radio ?
>
> Personally, I like contests. But I hate packet, especially on HF. And I hate
> DX nets. So I guess I should start a campaign to restrict DX nets and HF
> packet ? Or maybe my current plan is better - I just avoid the frequencies on
> which those two activities occur. I thought the digital satellites were a real
> waste of time too, I fixed that problem by taking down my satellite antennas.
> Can't hear them anymore.....
>
> Major contests never have SSB and CW on the same weekend, so instead of
> figuring out ways to ruin the peoples fun who enjoy contesting, maybe we could
> figure out ways to aviod them - play with SSB on the CW contest weekends, and
> play with our favorite digital mode on the SSB contest weekends ?
>
> The other thing I have noticed, Roger, that seems to be similar between contests
> and CW, is that it seems like people who dislike contests the most never tried
> one.....
>
> 73, Jim KH2D
> Burtonsville Reform School, Class of '68

Jim, you're right as well

everybody doesn't like something

BUT nobody doesn't like SARA LEE!!!!!

4980. Re: Burt Fisher not arrested yet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: arden@teleport.com
Message-ID: <53r0pq$66d@nadine.teleport.com>
Source record: 214810

subs@ro.com (Casey) wrote:

>Does he challenge people to think by calling them"pigs"?

No, obviously not. Generally though, I think this is his intent.
When he gets provoked, he seems to provoke back. ....Needlessly in my
humble opinion.

>He has
>spammed other newsgroups with his pompus and vile views and

Yep.

>in my opinion, has nothing to do but sit behind his computer write
>his garbage and wait to die.

Very likely. It's kind of sad really. I wish he would just repent.
It should be obvious to him that his current course is getting him
nowhere. I know he has it in him. I've seen a couple of good posts
from him over the years. If he'd just apologize and stick to a few
content filled, thought provoking posts I, for one, would forgive him.

Arden KI7FG

****
Arden Eby
Internet: arden@teleport.com
Packet Radio: KI7FG@KA7AGH.OR.USA.NA
Homepage (Eby's Cyberscroll) http://www.teleport.com/~arden/
****

4981. HAM Club in Europe for ex-Liberian OM's

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: "J.P.Godlieb" <pgodlieb@worldonline.nl>
Message-ID: <53r1da$8js@mars.worldonline.nl>
Source record: 214811

Hello OM's. Thanks for reading this msg.
A friend of mine, OM Guenter DL8BDJ (ex-EL2AJ) is looking for OM's in Europe who have been active as Ham Operators in Liberia. His aim is to found some sort of HAM Club like the L.R.A.A. (still?) has in Monrovia.
Your reactions will all be forwarded to Gunter.
You can also answer via packet to PA3DUS@PI8HWB.#NBW.NLD.EU.

Or write to Gunter at the following address:

Mr. Gunter Giese - P.P.BOX 371 - 5140 AJ WAALWIJK - The Netherlands

73 es GL fm Peter, PA3CPI.

pgodlieb@worldonline.nl

4982. HAM Club in Europe for ex-Liberian OM's

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: "J.P.Godlieb" <pgodlieb@worldonline.nl>
Message-ID: <53r1ca$8jh@mars.worldonline.nl>
Source record: 214812

Hello OM's. Thanks for reading this msg.
A friend of mine, OM Guenter DL8BDJ (ex-EL2AJ) is looking for OM's in Europe who have been active as Ham Operators in Liberia. His aim is to found some sort of HAM Club like the L.R.A.A. (still?) has in Monrovia.
Your reactions will all be forwarded to Gunter.
You can also answer via packet to PA3DUS@PI8HWB.#NBW.NLD.EU.

Or write to Gunter at the following address:

Mr. Gunter Giese - P.P.BOX 371 - 5140 AJ WAALWIJK - The Netherlands

73 es GL fm Peter, PA3CPI.

pgodlieb@worldonline.nl

4983. RF blows Mini-van speakers

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: "Leslie R. Turner" <lturner@postoffice.worldnet.att.net>
Message-ID: <326111C9.2C1F@postoffice.worldnet.att.net>
Source record: 214813

Hi!

I drive a Chrysler Town and Country Mini-van with a factory installed sound system, brand name "Infinity". The side door and rear speakers stopped working and the dealer said they are defected and cost several hundred dollars to replace. I found out that the speakers are powered at each speaker with a sealed module. I run both vhf and uhf radios in the van and suspect that RF may have caused the problem. The power modules components are potted, therefore I have't tried to do any testing to location the damaged component.
Has anyone have this kind of problem? I have run radios in cars for 35 years with no problems. If I replace the speakers, or the powere modules, how can I prevent the same thing from happen? Anyone had an experience with this condition?
73's
Les
K4ZGE

4984. Re: Code or No Code...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: rogerjb@ibm.net
Message-ID: <53r5ir$3358@news-s01.ca.us.ibm.net>
Source record: 214814

In <01BBB877.1E94AE20@yhc.yhc.edu>, bgeiger@yhc.EDU (Benjamin Geiger) writes:
>But... as you can see... emergency communications is #1 on the list. =
>Morse is *THE* most readable type of communication under extreme QRM.

I question whether Morse is much good at all for emergency communications:

1) The military has actually BANNED Morse Code from MARS
2) The Coast Guard long ago abandoned Morse.
3) Name me one emergency, ONE, in the past 5 years where the emergency
nets used Morse. I'm betting that they all used SSB.

=
>And, most home-brewers learn by building a Morse transmitter and =
>receiver.

Oh really? Where did you get this "fact." I don't think it is true; certainly
not in 1996. Anyway, how many people are we talking about, that fit
your definition of "home brewer." And why is "home brewing" particularly
immportant?

If we abolish the code test, we eliminate the primary =
>introduction most hams get to Morse. I remember this one thing I read, =
>and *NO*, I don't remember where, but someone's Jeep rolled over, and he =
>couldn't talk for some reason, but he sent Morse with the RTL. (PTT for =
>most of us) (RTL =3D Release To Listen HI HI HI).

Doesn't sound very likely to me.

>Benjamin Geiger, KE4EUJ
>bgeiger@yhc.edu

I'm not Spamming you Benjamin, but you are making a lot of declarations
that I don't think stand up to scrutiny. I have an Extra Class license,
for the record (big deal) and I absolutely don't support the Morse requirement.
Theory and regs, sure. Morse is for the birds.

Roger J. Buffington
W6VZV
rogerjb@ibm.net

USC Law School, Class of '97

"I want to die peacefully, in my sleep, like my Grandfather."
"Not screaming, and in terror, like his passengers."

4985. Re: Look who is in my shack

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: emtp4355@aol.com
Message-ID: <53r75b$dlm@newsbf02.news.aol.com>
Source record: 214815

In article <325CCEB1.31F3@ccsnet.com>, Burt Fisher <k1oik@ccsnet.com>
writes:

>Subject: Look who is in my shack
>From: Burt Fisher <k1oik@ccsnet.com>
>Date: Thu, 10 Oct 1996 06:23:45 -0400
>
>*** THIS MESSAGE HAS BEEN ADDED BY THE OFFLINE NEWSGROUPS READER ***
>This article is too large for offline reading. To view the article,
which
>has been marked as read:

---THANK YOU ---

Joseph K Murphy, EMT-P KF4KEK
emtp4355@aol.com EM75RW

Harriman, TN USA

4986. White House remarks about new internet??

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: emtp4355@aol.com
Message-ID: <53r7kh$e10@newsbf02.news.aol.com>
Source record: 214816

On 10/10/96 a press release from the White House, talking about the new internet initiative, refers to not enough commercial bandwidth being available fo future plans. Being a new ham can anyone tell me if this remark could have anything to do with the proposed lose of 2m and 70cm from the amateur bands. I have a complete copy of the statement if you would like to see it. However, it is very long.

Joseph K Murphy, EMT-P KF4KEK
emtp4355@aol.com EM75RW

Harriman, TN USA

4987. mods for yaseu ft 2500

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: ve7gsf@netbistro.com
Message-ID: <53r9ta$52v@scipio.cyberstore.ca>
Source record: 214817

good day to all !! looking for mods for ft 2500 . any out there ? please reply to me at ve7gsf@netbistro.com thanks .

4988. GMR100 Owners Manual

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: "Andrew R. Gozdziewski" <andrewg@pitnet.net>
Message-ID: <326192B4.2987@pitnet.net>
Source record: 214818
Cross-posted to:
rec.radio.amateur.dx,rec.radio.equipment,rec.radio.amateur,rec.radio.amateur.swap,rec.radio.cb,rec.radio.amateur.misc

I recently purchased two used Uniden GMR100's and did not get an owners manual with them. Does anyone know where I can get one or does anyone have one they would be willing to sell?

Please e-mail me with your responses!

Thanks in advance!

Andrew

4989. Re: CW Forever

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: carl@ais.net
Message-ID: <53rceh$mio@news.ais.net>
Source record: 214819

In <Dz2AC5.BIB@boss.cs.ohiou.edu>, cookt@ouvaxa.cats.ohiou.edu writes:
>Yea I was forced to learn CW to get my license just like
>most of you. I have come to really like using CW with
>low power and little or no interference on the HF bands.
>Listenting for my call in the noise after calling CQ is
>what I live for. So for me, Long Live CW... WB8BCO

Glad you found something you like ... but please don't insist on forcing it down everyone else's throats whether they like it or not.

We no-code advocates are NOT suggesting that the USE of code should be banned ... on the contrary, we've even suggested setting up a small CW ONLY segment (perhaps the lower 25kHz of each HF band) that would provide a sanctuary for you folks to practice your antique methods into the next century without having to compete with more effective techniques ...

So, what say you? Or will you at least enumerate your REAL reasons if you personally would insist on maintaining the code test.

Carl - wa6vse
carl@ais.net

4990. Re: Code or No Code...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: carl@ais.net
Message-ID: <53rc41$mio@news.ais.net>
Source record: 214820

In <53r5ir$3358@news-s01.ca.us.ibm.net>, rogerjb@ibm.net writes:
>
>In <01BBB877.1E94AE20@yhc.yhc.edu>, bgeiger@yhc.EDU (Benjamin Geiger) writes:
>>But... as you can see... emergency communications is #1 on the list. =
>>Morse is *THE* most readable type of communication under extreme QRM.
>

BZZZZZZZTTTTT!!!!!!!! WRONG ANSWER! (Morse Myth #1) ... Morse is NOT
the most readable form type of communications under extreme QRM ... thi
military spent bizillions of dollars developing FHSS (Frequency-Hopping
Spread Spectrum) systems because THEY are the best performers in jamming
environments ...

(Roger writes:)
>I question whether Morse is much good at all for emergency communications:
>
>1) The military has actually BANNED Morse Code from MARS
>2) The Coast Guard long ago abandoned Morse.
>3) Name me one emergency, ONE, in the past 5 years where the emergency
>nets used Morse. I'm betting that they all used SSB.
>

Agreed ... except in #3 the useage of packet has been substantial. It's
the best way for moving high volumes of H/W traffic into/out of disaster
areas ... the emergency response agencies also like to have hard-copy
and automatic logging to disk for archival/analysis purposes.

>=
>>And, most home-brewers learn by building a Morse transmitter and =
>>receiver.
>
>Oh really? Where did you get this "fact." I don't think it is true; certainly
>not in 1996. Anyway, how many people are we talking about, that fit
>your definition of "home brewer." And why is "home brewing" particularly
>immportant?
>

Actually homebrewing IS VERY important ... we've FAR too many appliance
operators and not enough people making contributions to the advancement
of the radio art ... we need more "techies" and less appliance operators
to fullfill the "technical investigations" part of Part 97's purpose and
justification for our existence.

>
>If we abolish the code test, we eliminate the primary =
>>introduction most hams get to Morse. I remember this one thing I read, =

>>and *NO*, I don't remember where, but someone's Jeep rolled over, and he =
>>couldn't talk for some reason, but he sent Morse with the RTL. (PTT for =
>>most of us) (RTL =3D Release To Listen HI HI HI).
>
>Doesn't sound very likely to me.
>

Sounds like more Morse Myth crap to me ...

Carl - wa6vse
carl@ais.net

4991. Re: HF Amateur Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: carl@ais.net
Message-ID: <53rd5n$mio@news.ais.net>
Source record: 214821
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <325D2327.8F@liant.com>, Robert Barron <barron@liant.com> writes:
>Gary Coffman wrote:
>> nor was it the primary reason for the early amateur's activities. Once
>> they knew contact was possible (and that's been a well established fact
>> for a very long time), the focus shifted to *doing something* with the
>> contact. Whether that was passing formal messages or casual chatting is
>> not the issue. The issue is that they started to exchange *information*.
>
>Hmmmm.... I'm curious. When and how was this well established? I can
>understand one having an opinion of that nature but how can it be so
>well established?

I read Gary as meaning that "It's been a well established fact for a
very long time that contact is possible." ...
^^^^^^^^^^^^^^^^^^^^^^^^

In other words, what the HELL is the BFD about getting a piece of paper
that says you and some other guy passed inflated signal reports, names,
and callsigns? It's NOT like being the first man to set food on the
moon for God's sake!!!

Contesting and DXing have BOTH had their "importance" GROSSLY
over-inflated by the "It's ONLY a hobby!" group and their self-centered
view of the world that says "They're our bands, just for us to play in,
and we don't want newcomers coming in and overcrowding them so that we
don't have room to play our games."

These gamer, "Only a hobby" attitudes will cost us our bands if they
continue to run rampant the way they have in the last 30 years or so.

Carl - wa6vse
carl@ais.net

4992. Re: Dealing with Contests

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <53rc0b$rv@anomaly.ideamation.com>
Source record: 214822

In article <53r0rf$oin@lehi.kuentos.guam.net>,
Jim Kehler <pacrimgolf@kuentos.guam.net> wrote:

>Personally, I like contests. But I hate packet, especially on HF. And I hate
>DX nets. So I guess I should start a campaign to restrict DX nets and HF
>packet ? Or maybe my current plan is better - I just avoid the frequencies on
>which those two activities occur.

The difference between the example that you cite and contests is that
contests end up consuming the entire band. I haven't heard of too many
DX nets, packet contacts, and so on, taking up the entire band.

Personally I dislike contests. I believe there is more to ham radio than
"You're 5-9. What's your call? QRZ."

I do believe that a portion of each band should be reserved for non-
contest stations. This is only common courtesy. Of course it is easy to
say "go to one of the WARC bands", but you and I both know that depending
on propagation that may or may not be feasible.

>Major contests never have SSB and CW on the same weekend, so instead of
>figuring out ways to ruin the peoples fun who enjoy contesting,

Nobody wants to "ruin people's fun" by restricting contesting, but by the
same token why should my fun be ruined >by< contesting? If a small portion
of each band were reserved for non-contest stations during contests, I
believe everyone would be a lot happier.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

4993. Re: What is HAM

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: carl@ais.net
Message-ID: <53redn$mio@news.ais.net>
Source record: 214823

In <325FE6E9.5AE6@ix.netcom.com>, KD1YV <jimkd1yv@ix.netcom.com> writes:
>Gary Coffman wrote:
>{snip}
>> The problem is, we don't know that it didn't start out as an acronym.
>> If we believe the Harvard radio station story, it was, or if we buy
>> into the Home Amateur Mechanic story, it was. If we accept it as an
>> insult, as in "ham fisted" or "ham actor", then it wasn't an acronym.{snip}
>
>Does that mean that it could be just another TLA*?
>
>--
>73 de Jim, KD1YV
>
>*TLA - Three Letter Acronym
>:-)

Yes, it IS another TLA ... currently stands for:

Horribly Antiquated Morsist

after the Morsist "religous cult" that so so many zealots adhere to in a
fanatical manner, despite mountains of technical evidence showing that
the mode has "seen better days" ...

<grin>

Carl - wa6vse
carl@ais.net

p.s. Ramon ... I HAD to do it ... don't get upset/confused, I still
don't advocate banning the use of code, just the test ...

4994. Re: Code or No Code...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <53rj9g$ipg@jupiter.planet.net>
Source record: 214824

> carl@ais.net (Carl speeling challanged Stevenson) writes:
>
>
> BZZZZZZZTTTTT!!!!!!!! WRONG ANSWER! (Morse Myth #1) ... Morse is NOT
> the most readable form type of communications under extreme QRM ... thi
^^^
Gess your illness now relates to the inability to spell simple words?? THE

>
> Actually homebrewing IS VERY important ... we've FAR too many appliance
> operators and not enough people making contributions to the advancement
> of the radio art ... we need more "techies" and less appliance operators
> to fullfill the "technical investigations" part of Part 97's purpose and
> justification for our existence.

Carl had advocated elimination of the use of " deem der store bought
ray did ee oooo's" He can build his from a coffee can and toilet paper
and thinks that eceryone else should be able to before getting their
nocode/no theory/ no test CB type licenses

ANAL RETENTIVE STATEMENT TO FOLLOW>>>

> Sounds like more Morse Myth crap to me ...

SEE...I WARNED YOU

> Carl - wa6vse
> carl@ais.net

The more you push, the harder the resistance becomes

4995. FS: Andrews' Heliax connectors

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: jpss@mailhost.ais.net
Message-ID: <jpss-13109619563300001@ts02-17.dialup.ais.net>
Source record: 214825
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

> Have available the following ANDREWS HELIAX connectors in various quantities.
All new
>
> $17.00 ea
>
> 1/2" L44W
> 1/2" L44U
>
>
> $25.00 ea
>
> 7/8" L45W
> 7/8" L45N
> 7/8" L45PN
>
>
>
>
> If interested please e-mail me. Prices are flexiable.

4996. Re: CW Forever

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: adell@planet.net, NJ
Message-ID: <53rjgo$ipg@jupiter.planet.net>
Source record: 214826

> carl@ais.net (Carl Stevenson) writes:

>
> We no-code advocates are NOT suggesting that the USE of code should be
> banned ... on the contrary, we've even suggested setting up a small CW
> ONLY segment (perhaps the lower 25kHz of each HF band) that would
> provide a sanctuary for you folks to practice your antique methods into
> the next century without having to compete with more effective
> techniques ...

In over 300 post, even when asked nicely, you have yet to mention one
of your super secret more effective techniques for the HF bands.

So in all fairness

So, what say you? Or will you at least enumerate your REAL reasons if
you personally would insist on eliminating the code test.
>
> Carl - wa6vse
> carl@ais.net

I impressed zippy, no spelling mistakes, but also
no FUD mentions, no calling someone an A**H***
or telling them they're full of Bulls***.

What's wrong??

4997. Re: Code or No Code...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: carl@ais.net
Message-ID: <53rpo2$2gq@news.ais.net>
Source record: 214827

In <53rj9g$ipg@jupiter.planet.net>, adell@planet.net (Steve - KF2TI) Landing, NJ writes:
>> carl@ais.net (Carl speeling challanged Stevenson) writes:
>>
>>
>> BZZZZZZZTTTTT!!!!!!!! WRONG ANSWER! (Morse Myth #1) ... Morse is NOT
>> the most readable form type of communications under extreme QRM ... thi
> ^^^
>Gess your illness now relates to the inability to spell simple words?? THE
>

Clearly, your ignorance is totally unbounded, Steve.

>
>
>Carl had advocated elimination of the use of " deem der store bought
>ray did ee oooo's" He can build his from a coffee can and toilet paper
>and thinks that eceryone else should be able to before getting their
>nocode/no theory/ no test CB type licenses
>

So you must resort to LYING ... I NEVER said ANYTHING about "eliminating
the use of store-bought radios" ... and any toilet paper I have is being
held in reserve to clean up after your posts ...

Carl - wa6vse
carl@ais.net

4998. Re: CW Forever

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: carl@ais.net
Message-ID: <53rpv3$2gq@news.ais.net>
Source record: 214828

In <53rjgo$ipg@jupiter.planet.net>, adell@planet.net (Steve - KF2TI) Landing, NJ writes:
>
>In over 300 post, even when asked nicely, you have yet to mention one
>of your super secret more effective techniques for the HF bands.
>

Virtually ANYTHING is more effective than OOK Morse code ... I have
posted to that effect, so have Gary, Cecil, Len, and numerous others ...
you're lying again.

And you're trolling again, desparately trying to find some reason to
post and take a shot at someone to draw attention to yourself ...
you're pathetic.

Carl - wa6vse
carl@ais.net

4999. Re: Code or No Code...it,s about to cross the line

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: steve <kd6fyk@wco.com>
Message-ID: <3261ACCA.3330@wco.com>
Source record: 214829

> >Carl had advocated elimination of the use of " deem der store bought
> >ray did ee oooo's" He can build his from a coffee can and toilet paper
> >and thinks that eceryone else should be able to before getting their
> >nocode/no theory/ no test CB type licenses
> >
>
> So you must resort to LYING ... I NEVER said ANYTHING about "eliminating
> the use of store-bought radios" ... and any toilet paper I have is being
> held in reserve to clean up after your posts ...
>
> Carl - wa6vse
> carl@ais.net

Boys,boys,boys.IT is about to cross the "good taste" line.is it that

much of a big deal to almost stop being gentlemen?

73 steve

5000. Re: HF Amateur Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: Dan Metzger <dmetzger@monroe.lib.mi.us>
Message-ID: <326136C2.786D@monroe.lib.mi.us>
Source record: 214830
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

>No matter what our communications objective, the more
>throughput we have the better we can accomplish it.

"Our inventions are but improved means to an unimproved end. We are
in gread haste to construct a magnetic telegraph from Maine to Texas;
but Maine and Texas, it may be, have nothiing important to
communicate.

"We are eager to tunnel under the Atlantic and bring the old world
some weeks closer to the new; .. but perchance the first news that
will leak through will be that the Princess Adelaide has the whooping
cough."
-Thoreau in Walden, 1850

5001. Re: Code or No Code...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: carl@ais.net
Message-ID: <53ruii$4su@news.ais.net>
Source record: 214831

In <01BBB877.1E94AE20@yhc.yhc.edu>, bgeiger@yhc.EDU (Benjamin Geiger) writes:
>
> Hams should have to work to get their licenses.

It is NOT the government's job to enforce YOUR idea of a "work ethic" on ANYONE ... it is clearly not relevant as a licensing requirement ... the ONLY relevant licensing requirements are/should be technical knowledge and rules/regs knowledge. Anything else is unnecessary fraternity hazing and inappropriate for the government to impose.

>I feel the current system is fine... an entry-level license with VHF =
>capabilities, and code tests for the rest.

The current system sucks ... it has created an "upper class" of licensees who are, to a signicant degree, rooted in the past rather than looking towards the future and stagnating the service with their insistance on foolish rituals or antiquity.

>Morse is readable under all conditions.
BZZZZZZZTTTTTT! WRONG ANSWER!!!!!
I wish I got a buck for every time I point out that Morse Myth #1, while widely bandied about by the technically ignorant, is patently false.

>Morse is *THE* most readable type of communication under extreme QRM.

BZZZZZZZTTTTTT! WRONG ANSWER AGAIN!!!! It IS NOT ... please stop spreading false information ... many people don't know enough to realize that it IS false (including you, apparently)

>And, most home-brewers learn by building a Morse transmitter and
>receiver.

If you statement were anti-code, I'm sure Mike D. would immediately DEMAND that you cite the sources of the statistics that prove the avbove assertion ... I suspect your statement is false ... there's a hell of a lot of accessory gear and VHF/UHF FM kits being built ...

Carl - wa6vse
carl@ais.net

5002. Re: is equipment building and repair a lost art? your comments, please.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: wa2ise@netcom.com
Message-ID: <wa2iseDz8GM6.2tG@netcom.com>
Source record: 214832
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

>I just finished my Sub-mini tube AM radio, and it works reasonably
>well. Imagine sub-mini tubes running directly off the powerline
>(except for the heaters have a transformer). Took an image file
>of the innards of this radio, and also drew a diagram as JPG
>files. will post when Netcom becomes stable again, their system
>is slow right now.

It's their Orange County CA dial-up that's messed up, that's all.
Anyway, I just posted in alt.binaries.pictures.misc & 12hr & clocks
two image files, one a picture of the modified AA5 radio using the
sub-mini tubes, and the other image file a schematic diagram.
This radio was missing its back, and its antenna, so I had to
make a new loop antenna from ribbon cable.

This would file under: "What If", what if sub-mini tubes were to be
the next generation of consumer tubes (and what if transistors not
been developed). Also assumes that the manufacturing costs of
sub-mini's became reasonable (would happen when you make billions
of anything, you find ways of making it low cost). As it was, only
the military could afford sub-mini's.

5003. GMR100 Speaker/Microphone

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: "Andrew R. Gozdziewski" <andrewg@pitnet.net>
Message-ID: <326198D1.131B@pitnet.net>
Source record: 214833
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.antenna,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.swap,rec.radio.amateur,rec.radio.cb

Does anyone have a Uniden Speaker/Mic they would like to sell? Has anyone had any experience with one or have an more information about it (PTT or voice-activated?)?

Thanks in advance!

Andrew

5004. Re: Dealing with Contests

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: carl@ais.net
Message-ID: <53rq4f$2gq@news.ais.net>
Source record: 214834

In <53rc0b$rv@anomaly.ideamation.com>, kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:
>
>Nobody wants to "ruin people's fun" by restricting contesting, but by the
>same token why should my fun be ruined >by< contesting? If a small portion
>of each band were reserved for non-contest stations during contests, I
>believe everyone would be a lot happier.
>

Better yet ... restrict the contest(ers) to a small portion of each (or a single) band and let 'em duke it out there ... why should contests be allowed to expand to fill all available space to the detriment of all else???

Carl - wa6vse
carl@ais.net

5005. Re: HF Amateur Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: Michael Herrron <GHURRICANE@gnn.com>
Message-ID: <53s7fn$no8@news-e2c.gnn.com>
Source record: 214835

So the Anti-code Being is on the soapbox again. It doesn't matter what activities you get involved in on the air as long as you do. What we need is numbers to show we have a viable claim to our bits of spectrum. Contesting is fun and part of the hobby that helps get people on the air and active, even buying equipment. If you dont think its popular, look at the scores for them in QST and CQ. Although the sunspot cycle is low so participation is down, look at the activity in better years Even with my not so competitive station, in contests past have made as many as 700-800 contacts in a weekend and had a good time participating. CW contests are the most fun for me, much less QRM. DXCC is the same, it gets people on the air and active. If morse, contests, and dxcc are so worthlessly lame why do the seminars at the various hamfests have the rooms so packed if the seminars are on these subjects? Hardly anyone goes to the packet seminars.

5006. Linux AX25 HOWTO (part 2/2)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: Terry Dawson <terry@perf.no.itg.telecom.com.au>
Message-ID: <AX25-HOWTO.2-19879.845260842@cc.gatech.edu>
Source record: 214836
Cross-posted to: comp.os.linux.answers,rec.radio.amateur.misc,aus.radio.amateur.digital

Archive-name: linux/howto/ax25/part2
Last-modified: 23 Jun 96

-----BEGIN PGP SIGNED MESSAGE-----

*** The `Linux AX25 HOWTO' is posted automatically by the
*** Linux HOWTO coordinator, Greg Hankins <gregh@sunsite.unc.edu>. Please
*** direct any comments or questions about this HOWTO to the author,
*** Terry Dawson <terry@perf.no.itg.telecom.com.au>.

- --- BEGIN Linux AX25 HOWTO part 2/2 ---

shell
this is the login shell of any new users.

associate
this flag indicates whether outgoing AX.25 connections made by
this user after they login will use their own callsign, or your
stations callsign.

14.5. Configuring the pms

The pms program is an implementation of a simple personal message system. It was originally written by Alan Cox. Dave Brown, N2RJT, <dcb@vectorbd.com> has taken on further development of it. At present it is still very simple, supporting only the ability to send mail to the owner of the system and to obtain some limited system information but Dave is working to expand its capability to make it more useful.

Configuring the pms program is still a little clumsy at the moment because it is new but bare with it while Dave works on it. The only difficult part is modifying the source code to support your local mail delivery agent and whether you use the ttylinkd program or the talk-ax25 program.

After that is done there are a couple of simple files that you should create that give users some information about the system and then you need to add appropriate entries into the ax25d.conf file so that connected users are presented with the PMS.

14.5.1. Customising pms.c

If you take a look at the pms.c file in the ax25-utils package you will see that there a few items that you can configure. Perhaps the most important to configure is the one that allows you to specify what local mail delivery agent you use. In most installations the deliver program may well work, but in the minimal installation on my gateway

machine I needed to modify the line that previously said:

#define MAIL_DELIVERY_AGENT "deliver %s"

to:

#define MAIL_DELIVERY_AGENT "/bin/mail.local %s"

There is no easy way of knowing what local delivery agent your machine is configured to use, so perhaps you could simply look for either of these files in the obvious places and choose whichever seems to be there.

I also have the ttylinkd program installed, so I needed to modify the section relating to it. I keep my copy of the ttylinkd program in my /usr/sbin directory, so I modified the line that previously said:

/* #define MY_TALK "/usr/local/sbin/ttylinkd" */

to:

#define MY_TALK "/usr/sbin/ttylinkd"

If you use the talk-ax25 program then you would remove the /* and */ from around that line instead.

There is one last definition that might be useful to you, and that is if you have a default email gateway. This line is the line containing the string MY_GATEWAY. If you have an email gateway that you use, then you should remove the comments from this line and change the address to that of your gateway.

14.5.2. Create the /usr/local/pms/motd file.

The /usr/local/pms/motd file contains the `message of the day' that users will be presented with after they connect and receive the usual BBS id header. The file is a simple text file, any text you include in this file will be sent to users.

14.5.3. Create the /usr/local/pms/info file.

The /usr/local/pms/info file is also a simple text file in which you would put more detailed information about your station or configuration. This file is presented to users in response to their issuing of the Info command from the PMS> prompt.

14.5.4. Associate AX.25 callsigns with system users.

When a connected user sends mail to an AX.25 callsign, the pms expects that callsign to be mapped, or associated with a real system user on your machine.

You make this association with the axparms command. An example looks like:

axparms -assoc vk2ktj terry

This command associates that AX.25 callsign vk2ktj with the user terry on the machine, so any mail for vk2ktj on the pms will be sent to terry.

Remember to put these associations into your rc file so that they are available each time your reboot.

14.5.5. Add the PMS to the /usr/local/etc/ax25d.conf file.

Adding the pms to your ax25d.conf file is very simple. There is one small thing you need to think about though. Dave has added command line arguments to the PMS to allow it to handle a number of different text end-of-line conventions. AX.25 and NetRom by convention expect the end-of-line to be carriage return, linefeed while the standard unix end-of-line is just newline. So, for example, if you wanted to add an entry that meant that the default action for a connection received on an AX.25 port is to start the PMS then you would add a line that looked something like:

default 1 10 5 100 5 0 root /usr/local/bin/pms pms -a -o vk2ktj

This simply runs the pms program, telling it that it is an AX.25 connection it is connected to and that the PMS owner is vk2ktj. Check the man page for what you should specify for other connection methods.
14.5.6. Test the PMS.

To test the PMS, you can try the following command from the command line:

/usr/local/bin/pms -u vk2ktj -o vk2ktj

Substitute your own callsign for mine and this will run the pms, telling it that it is to use the unix end-of-line convention, and that user logging in is vk2ktj. You can do all the things connected users can.

Additionally you might try getting some other node to connect to you to confirm that your ax25d.conf configuration works.

15. HOWTO link NOS and the Linux kernel networking software

Many people like to run some version of NOS under Linux because it has all of the features and facilities they are used to. Most of those people would also like to have the NOS running on their machine capable of talking to the Linux kernel so that they can offer some of the linux capabilities to radio users.

15.1. Linking NOS and Linux using a pipe device

Brandon S. Allbery, KF8NH, contributed the following information to explain how to interconnect the NOS running on a Linux machine with the kernel code using the Linux pipe device.

Since both Linux and NOS support the slip protocol it is possible to link the two together by creating a slip link. You could do this by using two serial ports with a loopback cable between them, but this

would be slow and costly. Linux provides a feature that many other Unix-like operating systems provide called `pipes'. These are special pseudo devices that look like a standard tty device to software but in fact loopback to another pipe device. To use these pipes the first program must open the master end of the pipe, and the open then the second program can open the slave end of the pipe. When both ends are open the programs can communicate with each other simply by writing characters to the pipes in the way they would if they were terminal devices.

To use this feature to connect the Linux Kernel and a copy of NOS, or some other program you first must choose a pipe device to use. You can find one by looking in your /dev directory. The master end of the pipes are named: ptyp[1-f] and the slave end of the pipes are known as: ttyp[1-f]. Remember they come in pairs, so if you select /dev/ptypf as your master end then you must use /dev/ttypf as the slave end.

Once you have chosen a pipe device pair to use you should allocate the master end to you linux kernel and the slave end to the NOS program, as the Linux kernel starts first and the master end of the pipe must be opened first. You must also remember that your Linux kernel must have a different IP address to your NOS, so you will need to allocate a unique address for it if you haven't already.

You configure the pipe just as if it were a serial device, so to create the slip link from your linux kernel you can use commands similar to the following:

```
# /sbin/slattach -s 38400 -p slip /dev/ptypf &
# /sbin/ifconfig sl0 broadcast 44.255.255.255 pointopoint 44.70.248.67 /
mtu 1536 44.70.4.88
# /sbin/route add 44.70.248.67 sl0
# /sbin/route add -net 44.0.0.0 gw 44.70.248.67
```

In this example the Linux kernel has been given IP address 44.70.4.88 and the NOS program is using IP address 44.70.248.67. The route command in the last line simply tells your linux kernel to route all datagrams for the amprnet via the slip link created by the slattach command. Normally you would put these commands into your /etc/rc.d/rc.inet2 file after all your other network configuration is complete so that the slip link is created automatically when you reboot. Note: there is no advantage in using cslip instead of slip as it actually reduces performance because the link is only a virtual one and occurs fast enough that having to compress the headers first takes longer than transmitting the uncompressed datagram.

To configure the NOS end of the link you could try the following:

```
# you can call the interface anything you want; I use "linux" for convenience.
attach asy ttypf - slip linux 1024 1024 38400
route addprivate 44.70.4.88 linux
```

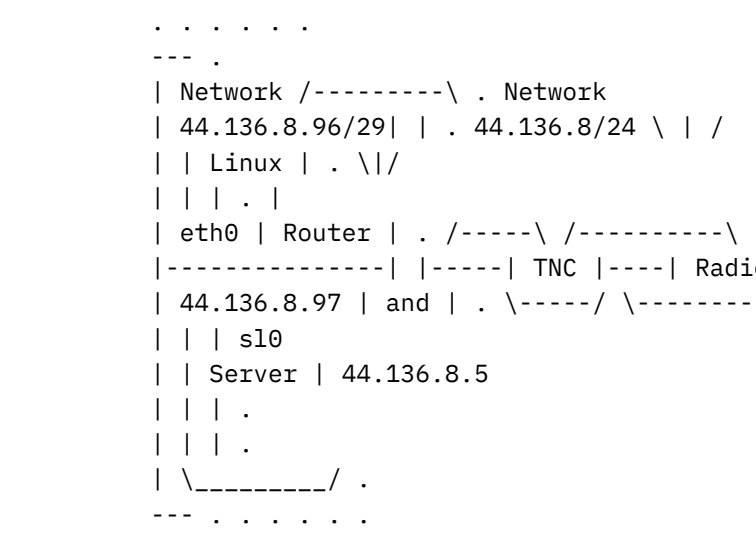
These commands will create a slip port named `linux' via the slave end of the pipe device pair to your linux kernel, and a route to it to make it work. When you have started NOS you should be able to ping and telnet to your NOS from your Linux machine and vice versa. If not, double check that you have made no mistakes especially that you have the addresses configured properly and have the pipe devices around the right way.

16. Some sample configurations.

Following are examples of the most common types of configurations. These are guides only as there are as many ways of configuring your network as there are networks to configure, but they may give you a start.

16.1. Small Ethernet LAN with Linux as a router to Radio LAN

Many of you may have small local area networks at home and want to connect the machines on that network to your local radio LAN. This is the type of configuration I use at home. I arranged to have a suitable block of addresses allocated to me that I could capture in a single route for convenience and I use these on my Ethernet LAN. Your local IP coordinator will assist you in doing this if you want to try it as well. The addresses for the Ethernet LAN form a subset of the radio LAN addresses. The following configuration is the actual one for my linux router on my network at home:




```
#!/bin/sh
# /etc/rc.net
# This configuration provides one KISS based AX.25 port and one
# Ethernet device.

echo "/etc/rc.net"
echo " Configuring:"

echo -n " loopback:"
/sbin/ifconfig lo 127.0.0.1
/sbin/route add 127.0.0.1
```

```
echo " done."

echo -n " ethernet:"
/sbin/ifconfig eth0 44.136.8.97 netmask 255.255.255.248 \
broadcast 44.136.8.103 up
/sbin/route add 44.136.8.97 eth0
/sbin/route add -net 44.136.8.96 netmask 255.255.255.248 eth0
echo " done."

echo -n " AX.25: "
axattach -i 44.136.8.5 -m 512 /dev/ttyS1 4800
ifconfig sl0 netmask 255.255.255.0 broadcast 44.136.8.255
route add -host 44.136.8.5 sl0
route add -net 44.136.8.0 window 1024 sl0

echo -n " Netrom: "
nrattach -i 44.136.8.5 netrom

echo " Routing:"
/sbin/route add default gw 44.136.8.68 window 1024 sl0
echo " default route."
echo done.

# end

/usr/local/etc/axports

# name callsign speed paclen window description
4800 VK2KTJ-0 4800 256 2 144.800 MHz

/usr/local/etc/nrports

# name callsign alias paclen description
netrom VK2KTJ-1 LINUX 235 Linux Switch Port

/usr/local/etc/nrbroadcast

# ax25_name min_obs def_qual worst_qual verbose
4800 1 120 10 1
```

• You must have IP_FORWARDING enabled in your kernel.

• The AX.25 configuration files are pretty much those used as examples in the earlier sections, refer to those where necessary.

• I've chosen to use an IP address for my radio port that is not within my home network block. I needn't have done so, I could have easily used 44.136.8.97 for that port too.

• 44.136.8.68 is my local IPIP encapsulated gateway and hence is where I point my default route.

• Each of the machines on my Ethernet network have a route:

```
route add -net 44.0.0.0 gw 44.136.8.97 window 512 mss 512 eth0
```

The use of the mss and window parameters means that I can get optimum performance from both local Ethernet and radio based connections.

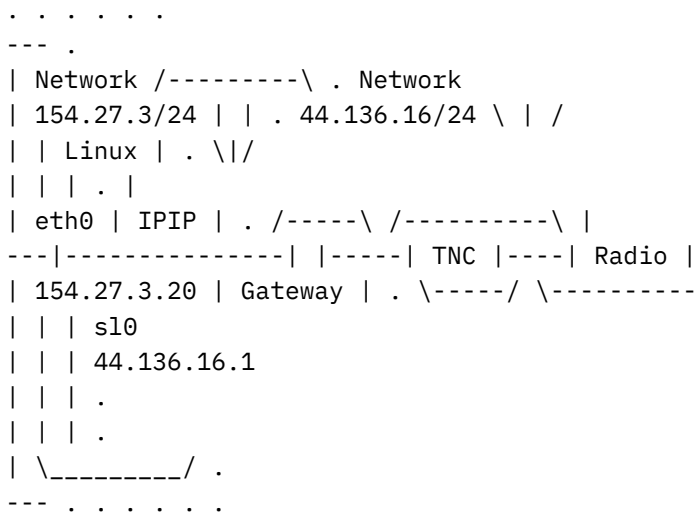
• I also run my sendmail, http, ftp and other daemons on the router machine so that it needs to be the only machine to provide others with facilities.

• The router machine is a lowly 386DX20 with a 20Mb harddrive and a very minimal linux configuration.

16.2. IPIP encapsulated gateway configuration.

Linux is now very commonly used for tcp/ip encapsulated gateways around the world. The new tunnel driver supports multiple encapsulated routes and makes the older ipip daemon obsolete.

A typical configuration would look similar to the following.



The configuration files of interest are:

```
# /etc/rc.net
# This file is a simple configuration that provides one KISS AX.25
# radio port, one Ethernet device, and utilises the kernel tunnel driver
# to perform the IPIP encapsulation/decapsulation
#
echo "/etc/rc.net"
echo " Configuring:"
#
echo -n " loopback:"
/sbin/ifconfig lo 127.0.0.1
/sbin/route add 127.0.0.1
echo " done."
#
echo -n " ethernet:"
/sbin/ifconfig eth0 154.27.3.20 netmask 255.255.255.0 \
broadcast 154.27.3.255 up
/sbin/route add 154.27.3.20 eth0
/sbin/route add -net 154.27.3.0 netmask 255.255.255.0 eth0
```

```
echo " done."
#
echo -n " AX.25: "
axattach -i 44.136.16.1 -m 512 /dev/ttyS1 4800
/sbin/ifconfig sl0 netmask 255.255.255.0 broadcast 44.136.16.255
/sbin/route add -host 44.136.16.1 sl0
/sbin/route add -net 44.136.16.0 netmask 255.255.255.0 window 1024 sl0
#
echo -n " tunnel:"
/sbin/ifconfig tunl0 44.136.16.1 mtu 512 up
#
echo done.
#
echo -n "Routing ... "
source /etc/ipip.routes
echo done.
#
# end.
```

and:

```
# /etc/ipip.routes
# This file is generated using the munge script
#
/sbin/route add 44.134.8.0 netmask 255.255.255.0 tunl0 gw 134.43.26.1
/sbin/route add 44.34.9.0 netmask 255.255.255.0 tunl0 gw 174.84.6.17
/sbin/route add 44.13.28.0 netmask 255.255.255.0 tunl0 gw 212.37.126.3
...
...
...
```

```
/usr/local/etc/axports

# name callsign speed paclen window description
4800 VK2KTJ-0 4800 256 2 144.800 MHz
```

Some points to note here are:

- The new tunnel driver uses the gw field in the routing table in place of the pointopoint parameter to specify the address of the remote IPIP gateway. This is why it now supports multiple routes per interface.

- You can configure two network devices with the same address. In this example both the sl0 and the tunl0 devices have been configured with the IP address of the radio port. This is done so that the remote gateway sees the correct address from your gateway in encapsulated datagrams sent to it.

- The route commands used to specify the encapsulated routes can be automatically generated by a modified version of the munge script. This is included below. The route commands would then be written to

a separate file and read in using the bash source /etc/ipip.routes
command (assuming you called the file with the routing commands
/etc/ipip.routes) as illustrated. The source file must be in the
NOS route command format.

• Note the use of the window argument on the route command. Setting
this parameter to an appropriate value improves the performance of
your radio link.

The new tunnel-munge script:

```
#!/bin/sh
#
# From: Ron Atkinson <n8fow@hamgate.cc.wayne.edu>
#
# This script is basically the 'munge' script written by Bdale N3EUA
# for the IPIP daemon and is modified by Ron Atkinson N8FOW. It's
# purpose is to convert a KA9Q NOS format gateways route file
# (usually called 'encap.txt') into a Linux routing table format
# for the IP tunnel driver.
#
# Usage: Gateway file on stdin, Linux route format file on stdout.
# eg. tunnel-munge < encap.txt > ampr-routes
#
# NOTE: Before you use this script be sure to check or change the
# following items:
#
# 1) Change the 'Local routes' and 'Misc user routes' sections
# to routes that apply to your own area (remove mine please!)
# 2) On the fgrep line be sure to change the IP address to YOUR
# gateway Internet address. Failure to do so will cause serious
# routing loops.
# 3) The default interface name is 'tunl0'. Make sure this is
# correct for your system.

echo "#"
echo "# IP tunnel route table built by $LOGNAME on `date`"
echo "# by tunnel-munge script v960307."
echo "#"
echo "# Local routes"
echo "route add -net 44.xxx.xxx.xxx netmask 255.mmm.mmm.mmm dev sl0"
echo "#"
echo "# Misc user routes"
echo "#"
echo "# remote routes"

fgrep encap | grep "^route" | grep -v " XXX.XXX.XXX.XXX" | \
awk '{
split($3, s, "/")
split(s[1], n,".")
if (n[1] == "") n[1]="0"
if (n[2] == "") n[2]="0"
```

```
if (n[3] == "") n[3]="0"
if (n[4] == "") n[4]="0"
if (s[2] == "1") mask="128.0.0.0"
else if (s[2] == "2") mask="192.0.0.0"
else if (s[2] == "3") mask="224.0.0.0"
else if (s[2] == "4") mask="240.0.0.0"
else if (s[2] == "5") mask="248.0.0.0"
else if (s[2] == "6") mask="252.0.0.0"
else if (s[2] == "7") mask="254.0.0.0"
else if (s[2] == "8") mask="255.0.0.0"
else if (s[2] == "9") mask="255.128.0.0"
else if (s[2] == "10") mask="255.192.0.0"
else if (s[2] == "11") mask="255.224.0.0"
else if (s[2] == "12") mask="255.240.0.0"
else if (s[2] == "13") mask="255.248.0.0"
else if (s[2] == "14") mask="255.252.0.0"
else if (s[2] == "15") mask="255.254.0.0"
else if (s[2] == "16") mask="255.255.0.0"
else if (s[2] == "17") mask="255.255.128.0"
else if (s[2] == "18") mask="255.255.192.0"
else if (s[2] == "19") mask="255.255.224.0"
else if (s[2] == "20") mask="255.255.240.0"
else if (s[2] == "21") mask="255.255.248.0"
else if (s[2] == "22") mask="255.255.252.0"
else if (s[2] == "23") mask="255.255.254.0"
else if (s[2] == "24") mask="255.255.255.0"
else if (s[2] == "25") mask="255.255.255.128"
else if (s[2] == "26") mask="255.255.255.192"
else if (s[2] == "27") mask="255.255.255.224"
else if (s[2] == "28") mask="255.255.255.240"
else if (s[2] == "29") mask="255.255.255.248"
else if (s[2] == "30") mask="255.255.255.252"
else if (s[2] == "31") mask="255.255.255.254"
else mask="255.255.255.255"

if (mask == "255.255.255.255")
printf "route add -host %s.%s.%s.%s gw %s dev tunl0\n"\
,n[1],n[2],n[3],n[4],$5
else
printf "route add -net %s.%s.%s.%s gw %s netmask %s dev tunl0\n"\
,n[1],n[2],n[3],n[4],$5,mask
}'

echo "#"
echo "# default the rest of amprnet via mirrorshades.ucsd.edu"
echo "route add -net 44.0.0.0 gw 128.54.16.18 netmask 255.0.0.0 dev tunl0"
echo "#"
echo "# the end"
```

17. Discussion relating to Amateur Radio and Linux.

There are various places that discussion relating to Amateur Radio and Linux take place. They take place in the comp.os.linux.* newsgroups, they also take place on the HAMS list on vger.rutgers.edu. Other places where they are held include the tcp-group mailing list at ucsd.edu (the home of amateur radio tcp/ip discussions), and you might also try the #linpeople channel on the linuxnet irc network.

To join the Linux linux-hams channel on the mail list server, send mail to:

Majordomo@vger.rutgers.edu

with the line:

subscribe linux-hams

in the message body. The subject line is ignored.

To join the tcp-group send mail to:

listserver@ucsd.edu

with the line:
subscribe tcp-group

in the body of the text.

Note: Please remember that the tcp-group is primarily for discussion of the use of advanced protocols, of which tcp/ip is one, in Amateur Radio. Linux specific questions should not ordinarily go there.

18. Copyright.

The AX25-HOWTO, information on how to install and configure some of the more important packages providing AX25 support for Linux.
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- --- END Linux AX25 HOWTO part 2/2 ---

-----BEGIN PGP SIGNATURE-----
Version: 2.6.2

```
Comment: finger gregh@cc.gatech.edu for public key

iQCVAwUBMmGoFntNTo2suu5NAQGUzAP9GjBISA/5hzWBz9zl5/9rVg9exoV7LOGL
MRgYok3+hwybFSrbxeDNwZtQ+ZufRPOZUCFzO3p1pwJprZZ9f9L5ninEUZKhchm5
fkEhUJSiHM8BtMBhVmWhE7xKCpI/dYZlxt1jyv0U3p9rp+WR0133EqcHTnFfJXPC
lgmGWSRMAaA=
=iMZA
-----END PGP SIGNATURE-----
```

5007. Ohio/Penn DX Bulletin #274

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: kb8nw@barf80.nshore.org
Message-ID: <$opdx.274.1996@ampr.org>
Source record: 214837
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.dx,rec.radio.info

SB DX @ WW $OPDX.274
Ohio/Penn DX Bulletin No. 274

The Ohio/Penn Dx PacketCluster
DX Bulletin No. 274
BID: $OPDX.274
October 14, 1996
Editor Tedd Mirgliotta, KB8NW
Provided by BARF-80 BBS Cleveland, Ohio
Online at 216-237-8208 14400/9600/2400/1200/300 8/N/1

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, WA1S, WJ2O, K4CEF, N4VZ, W4FOA, K4PI, W5IJU & Island News, W7KJJ/6, KF7AY, K8VJG, WN9JAT, EA3BT, EY8MM, F6AJA, G4BUE & DX News Sheet, IK0AZG, ON6TT and V73C following DX information.

3DA, SWAZILAND. It has been reported that two different operations will be active in 3DA for the CQWW SSB Contest (October 26-27th). Both groups will be active on all bands. The first group will be active as 3DA0DX which includes WJ2O and a couple of ZS hams as a Multi/Single entry in the contest. Outside the contest, several of the operators will be using various 3DA0 callsign. QSL via WJ2O.
The second operation will sign 3DA0NX during the contest which will be Single Op entry by Koji, ZS6CAX (ex JM1CAX/KG7WW). He states this operation will be the part of contesting team registered as the "Team Nippon". 6Y5XX, FG5BG, V85HG and JH7PKU will be the partners (all JA ops). For QSLs if it's via bureau send it to JM1CAX but no direct mail to Koji JA address. QSL direct to: Koji Tahara, JM1CAX, ZS6CAX, Japan Embassy, P.O. Box 11434, Brooklyn 0011, South Africa.
Meanwhile, the "DX News Sheet" reports Jon, 3DA0CA, is active again after his holiday in the USA, with a new FT990 and FL7000 giving him more power. He has put up a B/W 160-10m folded dipole and has worked a W8 on 160 meter with it. He is regularly active at his sunrise (0326z) below 3510kHz. QSL via W4DR.

5X, UGANDA (News by Peter, 5X1T/ON6TT)......
Gus, 5X1D, has left the country as of October 11th. QSL via SM0BFS. Another Swedish ham will replace him, but the latter has not received a call yet.

5X1R is still active from the same QTH. (ed. Peter did not supply the QTH and I could not find it in my records). QSL via SM4ARJ.

5X4F is back. He arrived in his QTH in Arua, North Uganda, last week, and is back on the air. Paul has brought with him an 80 ft tower, but it will take some time before he will move his yagi and lowband antennas to that tower (approx. end November). Paul states that his new QSL manager is K3SW.

5X1T, Peter, reports that his QSL cards are now in printing. His QSL Manager, ON5NT, has all the logs. So far he has made about 8,000 QSOs from 5X (with about 1500 on RTTY). Peter will be active in the CQWW SSB Contest on 15 meters single band or low power all band depending if his low band antenna arrives on time out of Burundi.

9M2, WEST MALAYSIA. Tex, 9M2TO, reports to OPDX that as of October 7th, he built and installed a 80/160 dipole, so begin looking for him on those bands. QSL via JA0DMV thru the bureau or direct to: Terutsugu Izumo, Bukit Dumbar Apt. 9-4, 97 Jalan Thomas 11700 Gelugor, Penang Island, Malaysia

8Q7, MALDIVES (UPDATE, ref OPDX.261). Josep, EA3BT, and his wife Nuria, EA3AOK, will be active as 8Q7BT and 8Q7OK October 23-31st and have announced the following operating times on RTTY: U.S. on 14085 kHz between 1600-2000z, Japan (meaning also Asia) on 15 meters between 0300-0800z and Europe on 15 meters between 1100-1600z.

C9, MOZAMBIQUE. The DXNS reports Jon, 3DA0CA, will be active 1500z October 23rd to 0500z October 28th (including CQww SSB Contest) as C91CO from Maputo. Activity will be on 160, 40 and 20 meters. QSL W4DR.

CY0, SABLE ISLAND. Operators WA4DAN, AH9B, VK2BEX, and V73C are planning to be active from here October 21-29th. In addition to the DXpedition, they plan to operate in the CQWW Contest as well. This was not orginally planned as a contest operation. However, the best dates available from Environmental Canada included the contest weekend. So why not? The operators will be signing homecall/CY0, but have requested CY0XX for the contest. At this time they do not know if the call will be issued in time. The QSL Manager is Murray, WA4DAN, QSL via his Callbook address. They will operate on all bands and plan to have active two PHONE, two CW stations and one station dedicated to RTTY.

D2, ANGOLA (UPDATE). Alex, PA3DZN (aka 9X5EE, 9Q2L, etc), has arrived in Luanda. He arranged a meeting with the PTT Director, and has received the callsign D25L (Delta-two-five-Lima). However, he does not expect to be active soon, as his antennas and amplifier is still under way and are not expected to arrive for the next 2-3 weeks. He does have his radio and keyer here, so he may string up a 40 meter dipole. However, he states it may not be worth going through the trouble because he will be leaving Luanda in about 3 weeks for a place called Menongue which is in the southern part of the country. Meanwhile, he is hopeful the shipment will arrive in time so he can take all of his equipment at once to Menongue and not miss out on the CQWW SSB Contest. QSL via PA3DMH.

EY, TAJIKISTAN. Nodir, EY8MM, reports that he and Alex/EY8CQ, Irage/EY8WW, Vlad/EY8XX, Vlad/EY8VV, and Bruce EY8RR (AA3DK) will be active this year as Multi/Single entry in CQ WW SSB contest as EY2Q. The station will include a 3 element monobanders for 40, 20, 15 and 10 meters. For 80 meters they will use a Rombic antenna and an inverted Vee for 160 meters.

FO, FRENCH POLYNESIA. Eric, F5CCO, will be on Tahiti during the months of November and December. He is there mainly on business, but he will be active on the weekends and if possible after work. He should be on the island November 15th and will stay for about 4 or 5 weeks there. Particular attention will be given for 80 and 40 meters. He currently does not know what his callsign will be but will receive it upon his arrival.

IR, ITALY. GianFederico, IK0AZG, states he will air the special callsign IR0C during the next CQWW SSB Contest. QSL via home call.

J3, GRENADA. From November 16-26th, a group from the Yankee Clipper Contest Club (YCCC) will be operating from here. Operators are as follows: J38AA - Ann/WA1S, J38AB - Paul/K1XM, J38AC - Al/W1FJ, J38AD - Joe/KM1P, J38AE - Charlotte/KQ1F and J38AF Rich/K2WR. They will be operating in the CQWW CW Contest as a Multi/Multi entry with 3 stations (possibly 4) with amplifiers at each station and monobanders on 10, 15, 20 and 40 meters. They will have wire antennas for 80 and 160 meters. Paul, KX1M, is trying to get a short call for the contest operation. Their backup callsign will be J38AA. All contest QSLs will be via Charlotte, KQ1F.

KC6, REP. BELAU. Just a reminder! Start looking for the Oklahoma DX Association members, Coy, N5OK (KC6OK), and Dave, N5CG (KC6GG), to be active for the next 4 to 8 weeks. Coy plans to try 160 meters everyday. (Refer to OPDX.272).

P4, ARUBA. Mike, K4PI, will be active as P49I during the CQWW SSB Contest, October 26-27th. He plans to be in the contest as a 80 meter single band entry.

QSL NEWS AND INFORMATIONS.....
Dave, W7KJJ/6, has reported that over the past few years he has been mistaken for and has received cards for CE0-San Felix operation. He states that he has been rather inactive over the past couple of years, but recently received a batch of cards from the W7 bureau which had a couple more cards from Europeans asking for CE0 cards.

Dragan, ET3YU, reports his mission in Ethiopia is about done and that a new QSL route will be used instead on the one in Addis Ababa. Cards for ET3YU should now be sent to Dragan's new address: Dragan Stojanovic, Dusana Vukasovica 82/20, 11070 Novi Beograd, Yugoslavia. Dragan reports he has only exchanged about 4,000 QSLs out of 14,000 QSOs.

F5NZO reports he has received the log from FT5XL for between February 13th and September 1st. He will reply for all direct request as soon as possible.

SOUTH CHINA SEA ACTIVITY. It has been reported to OPDX, that Bolon, BV5AF, President of CTARL & TAMSAT, states they have plans for BV9P, to be active late March, 1997, if the propagation is better. Also, they have plans to activate BV9S, on one of the big island of Spratly, named Equal Island, which is handled by ROC, Taiwan. This operation is scheduled to be on aired 2 years later.

T2, TUVALU. Ron, ZL1AMO, is now on Tuvalu signing T28RW as expected. W4FOA had a QSO with him on 40 meters CW and asked if he planned to work any 80 or 160 meters. Ron said that he hopes he will be able to. He says that the airlines lost his antennas and his linear.

XZ, MYANMAR DXPEDITION UPDATE. (Excerpts from a press release by Warren, KF7AY. The complete press release will be sent to all InterNet OPDX Subscribers as an additional bulletin.) The XZ1N DXpedition to Myanmar remains on course. Final approvals have been received and all but last minute details remain to be worked out. This will be a large scale operation, with a chance for everyone to have this location in some new and exciting ways. The group will arrive in Yangon on November 16th and may even be active that evening. There will be a special event station running on November 18th. From November 19th through November 22nd, three stations will be on all bands and most modes (CW, SSB and RTTY). On November 23rd and 24th, XZ1N will be active in the 1996 CQ World-Wide CW DX Contest as a multi-multi entry from zone 26. There will be some activity on November 25, just before everything is taken down. The team departs for Bangkok on November 26th. Participants: OH1NYP, OH2BH, K5VT, KA5AYR, AB6ZV, N6BT, WA6CDR, AA7WP, KF7AY, N7WTU, WA7LNW and WY7K. QSL via W1XT (direct or bureau): Bob Myers, PO Box 17108, Fountain Hills, AZ 85269-7108. The XZ1N web site has been updated with current information and can be found at: http://www.getnet.com/~kf7ay/myanmar.html

YB, INDONESIA. Dennis, AA7VB, will be active from here this week as YB9BV and for the upcoming contest. He hopes to make some serious noise from Zone 28.

ZS1, SEAL ISLAND (SOUTH AFRICA). By the time you read this, ZS1IFJ, ZS1B, ZS1JM, ZS1X, ZS1LVH and others should be active from here until October 23rd. This will be a new IOTA located in the Cape Province South Coast Group. Activity will be on CW/SSB 24 hours a day. Callsign and QSL information has not be released yet.

-=-
OPDX INTERNET SUBSCRIBE/UNSUBSCRIBE REQUEST: opdx-request@nshore.org
OPDX WORLD-WIDE WEB HOME (provided by John, K8YSE):
http://www.en.com/users/k8yse/opdx.html
-=-
Excerpts and distribution of The OPDX Bulletin are granted as long as KB8NW/OPDX/BARF80 receive credit. To contribute DX info, call BARF-80 BBS online at 216-237-8208 14400/9600/2400/1200/300 and leave a message with the Sysop or send InterNet Mail to one of the two following addresses:
kb8nw@barf80.nshore.org -or- aq474@cleveland.freenet.edu
- OR - Send a message via packet to KB8NW @ WA8BXN.OH.USA.NA
- OR - Use the VOICE or FAX answering machine at 216-237-8208 which

shares the same phone line as BARF-80 BBS using a data/fax/phone switch. To access: 1) Dial Number. 2) Wait for first ring (the second ring should be a false ring from the fax/data switch box) and then dial four quick ones ("1111"). (NOTE: Some FAX machines that send single "BEEPS" every second will not have to do this step.) 3) The phone will pick up and after the "BEEP" leave your voice message or FAX.

/EXIT

Tedd Mirgliotta KB8NW
InterNet: kb8nw@barf80.nshore.org
Basic Amateur Radio Frequency BBS (BARF-80) +1 216/237-8208
"Totally devoted to Amateur Radio" - 24 Hrs a day 8/N/1 14.4k-300 baud

5008. Linux HAM HOWTO (part 2/2)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: Terry Dawson <terry@perf.no.itg.telecom.com.au>
Message-ID: <HAM-HOWTO.2-20437.845263313@cc.gatech.edu>
Source record: 214838
Cross-posted to: comp.os.linux.answers,rec.radio.amateur.misc,aus.radio.amateur.digital

Archive-name: linux/howto/ham/part2
Last-modified: 13 Oct 96

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*** Linux HOWTO coordinator, Greg Hankins <gregh@sunsite.unc.edu>. Please
*** direct any comments or questions about this HOWTO to the author,
*** Terry Dawson <terry@perf.no.itg.telecom.com.au>.

- --- BEGIN Linux HAM HOWTO part 2/2 ---

Author
Thomas Nau, Thomas.Nau@rz.uni-ulm.de

Description
An X11 based interactive printed circuit board design tool.

Status
Vers 1.4.1, stable.

System requirements
X11 Windowing system and a recent flex program.

Detail
The pcb package comes with good instructions on how to compile
and install the software. I compiled it without error under
X11R6. It comes with package layouts for a range of popular
components and the example layout nicely demonstrates the
capabilities of the package.

Where and How to obtain it.
You can obtain the pcb package from: sunsite.unc.edu
<ftp://sunsite.unc.edu/pub/Linux/apps/circuits/pcb-1.4.1.tar.gz>
or from: ftp.uni-ulm.de <ftp://ftp.uni-ulm.de/pub/pcb/current>

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GNU Public License

11.4. Chipmunk circuit design and simulation tool

Author
Dave Gillespie daveg@synaptics.com and John Lazzaro
lazzaro@cs.berkeley.edu

Description
Schematic Entry and Digital or Analog Simulation.

Status
vers 5.10, stable.

System requirements
X11 windowing system and older (XFree86-2.x) libs, 8 bpp (256 color) only

Detail
I haven't tried this one out yet.

Where and How to obtain it.
You can obtain the Chipmunk package from its home site at www.pcmp.caltech.edu <http://www.pcmp.caltech.edu/chipmunk/>.

Licensing/Copyright
Modified GNU Public License, Caltech specifically disclaimed from liability.

11.5. irsim

Author
Dmitry Teytelman, dim@leland.stanford.edu

Description
An event-driven logic-level simulator for MOS circuits

Status
Version 9.2, production.

System Requirements
X-Windows.

Detail
irsim is an X11 based simulator for MOS circuits. It has two simulation modes, either switch where each transistor is modelled as a voltage controlled switch, or linear where each transistor is modelled as a resistor in series with a voltage controlled switch, and each node has a capacitance.

Where and How to obtain it.
You can obtain irsim from: sunsite.unc.edu <ftp://sunsite.unc.edu/pub/Linux/apps/circuits/irsim-9.2.linux.1.tar.gz>.

Licensing/Copyright
Freely Redistributable

11.6. Spice vers. 3f4

Author
University of California, Berkeley, port by Jeff@RyeHam.EE.Ryerson.Ca

Description
Spice is an analog circuit emulator.

Status
Stable release.

System requirements
Unknown.

Detail
Spice allows you to design and test circuits in a computer modelled environment to see how they will behave without having to touch a soldering iron, or solder. A readme file comes with the package. To install I did the following:

```
# cd /usr/src
# gzip -dc spice3f4.tar.gz | tar xvf -
# cd spice3f4
# ./utils/build linux
# ./utils/build linux install
```

Where and How to obtain it.
You can obtain version 3f4 of Spice from: sunsite.unc.edu <ftp://sunsite.unc.edu/pub/Linux/apps/circuits/spice3f4.tar.gz>

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11.7. svgafft - Spectrum analyser

Author
Andrew Veliath, veliaa@rpi.edu

Description
svgafft is a spectrum analyser for Linux.

Status
Alpha, but usable.

System requirements
F77, Linux supported sound card, svgalib, a 486DX33 or better.

Detail
svgafft uses the /dev/dsp device and currently supports 16-bit and 8-bit sample resolution on supported Linux soundcards. It's display is something akin to a high-end spectrum analyzer with falling peaks. Andrew is working on an X-Motif version to be released soon.

Where and How to obtain it:
You can find the software at tsx-11.mit.edu <ftp://tsx-11.mit.edu/pub/linux/ALPHA/svgafft/svgafft-0.2h.tar.gz> and sunsite.unc.edu <ftp://sunsite.unc.edu/pub/Linux/apps/sound/freqs/svgafft-0.2h.tar.gz>.

Licensing/Copyright
GNU Public License.

Contributed by:
Andrew Veliath

11.8. Audio Spectrum Analyser

Author
Philip VanBaren, phillipv@eecs.umich.edu

Description
An audio spectrum analyser for Linux SVGALIB or X-Windows.

Status
Alpha but usable

System requirements
Linux supported sound card, svgalib or X-Windows.

Detail
freq5a1 uses the /dev/dsp device, samples the incoming audio,
performs a fast fourier transform on the data and displays the
output in either 640x480 VGA or an X-Window.

Where and How to obtain it:
You can obtain freq5a1.tar.gz from: sunsite.unc.edu
<ftp://sunsite.unc.edu/pub/Linux/apps/sound/freq5a1.tar.gz> or
by mail from the author.

Licensing/Copyright
GNU Public License vers 2.0.

11.9. ObjectProDSP

Author
Paul Budnik, Mountain Math Software, support@mtnmath.com

Description
ObjectProDSP is an object oriented tool for design, development
and implementation of Digital Signal Processing. It allows you
to design your DSP network, runs simulations with oscilloscope
style plots and listings at any point in the network.

Status
alpha.

System requirements
XFree86 3.1.1 or better, g++ from gcc 2.6.3 or better, 32Mb of
total memory (real+swap) recommended, 6Mb of disk space for
minimum configuration, 40Mb disk for full installation.

Detail
There are a number of files that comprise the package. There is
a binary only package for Linux which I recommend you start
with. There is comprehensive documentation included from which
you can obtain installation and operation instructions.

Where and How to obtain it.
You can obtain ObjectProDSP from: sunsite.unc.edu
<ftp://sunsite.unc.edu/pub/Linux/devel/opd>, tsx-11.mit.edu
<ftp://tsx-11.mit.edu/pub/linux/packages/dsp>, or ftp.funet.fi
<ftp://ftp.funet.fi/pub/OS/Linux/util/electronics/opd>. There
are a number of files that comprise the package, some of the
quite large so be prepared.
Licensing/Copyright
GNU Public License vers 2.0., Commercial licensing available.

12. Training/Educational Software.

Software to assist in education or training for amateur radio. Morse
Code tutorials, technical examination database, Computer Based
Training software, and the like are listed here.

13. Miscellaneous Software.

Software that didn't neatly fit into any other category.

13.1. Linux for HAMS CD-ROM

Author
Bruce Perens, bruce@pixar.com

Description
A complete linux distribution on CDROM specifically designed for
Amateur Radio operators.

Status
Not yet available.

System requirements.
Linux compatible hardware, some software will obviously require
specialised hardware to operate. No additional software should
be required.

Detail
A complete Linux distribution specifically catering for Amateur
Radio operators. It will include a fully featured Linux
installationplus a range of amateur radio specific software such
as those listed in this document. Bruce has detail and updated
status report available at the LinuxForHams WWW page
<http://www.rahul.net/perens/LinuxForHams>.

Where and how to obtain it:
It isn't yet available, details will be made available when it
is released.

Licensing/Copyright
GNU Public License.

Contributed by:
Bruce Perens

13.2. SunClock

Author
John Mackin, john@cs.su.oz.AU

Description
A clock that will show you instantly what parts of the globe are exposed by sunlight and what parts aren't.

Status
Released.

System requirements.
X-Windows.

Detail
sunclock is another of those desktop gadgets that most people think look nice but really don't have a lot of use for. I use sunclock to obtain an at-a-glance indication of the time anywhere in the world. In its iconic form it sits in a small Mercator projection. When maximised it produces the same image but obviously larger with slightly more detail. It also displays the date, local time and UTC. sunclock actually calculates mathematically what parts of globe are sunlit and which aren't, it seems quite accurate, so long as you assume the earth has no atmosphere.

Where and How to obtain it.
I haven't seen any precompiled sunclock binaries for Linux about, so check your nearest archie server. sunclock compiled straight out of the box for me.

Licensing/Copyright
Public Domain and may be freely copied as long as the notices at the top of sunclock.c remain intact.

13.3. Xearth

Author
Kirk Johnson, tuna@cag.lcs.mit.edu

Description
A rotating earth for X-windows root window. It has real life shading, and options for geostatic view, and non geostatic view. A prettier and more modern version of sunclock but requires a bit more processing power.

Status
Version 1.0.

System requirements.
X-Windows.

Detail
xearth is a sophisticated program which draws a colour picture of the earth onto your X Windows display. It offers either an orthographic view as you would see from space or the map like

mercator projection. You have a number of options in determining the behaviour of the view. The details are available from the xearth Home Page <http://cag-www.lcs.mit.edu/~tuna/xearth/> and in the documentation which is supplied with the package.

Where and How to obtain it.
The source can be obtained from its home site at cag.lcs.mit.edu <ftp://cag.lcs.mit.edu/pub/tuna/> or just about any X11/contrib directory.

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Copyright (C) 1989, 1990, 1993 by Kirk Lauritz Johnson. The copyright notice included states that xearth is freely redistributable so long as the copyright notice is left intact, and be included in documentation.

Contributed by:
Kirk Johnson

14. How to contribute or update an entry.

I'd like for this list to be as complete and up-to-date as possible. So I'm keen to hear about any developments or products that I don't already know about, or that the entry is obselete or outdated for.

What I'd like as a minimum set of requirement would be something like the following:

Name
The name of the software in question.

Author
Who wrote, or ported the software. An email address, or some other means of contacting them is also essential.

Description
A single line description of what the software does.

Status
An indication of the software's status. Is it still in testing? Is it a production release? Is it still in the design stage?

System requirements
What does the software require to run? Does it require X-Windows? Does it need a soundcard? Does it need a certain version of kernel? Does it need other software to support it?

Detail
I'm not keen on including a large amount of detail on each piece of software as this would consume a lot of time reading and trying to keep up to date. So instead what I'd like to list is what makes this software unique, anything special about it. Perhaps its most outstanding features, that sort of thing.

Where and How to obtain it.
If the software is freely distributable then ftp details would be great. If it is commercial software then the name of the company distributing the software, and an address or telephone number. If it is available only by some other means, say mail order, then details on where and how to obtain it.

Licensing/Copyright
Is the software Copyleft? Copyright? Shareware? Public Domain? Restricted in use in any way?

Don't worry if you don't know all of these details, just send me what you do know and I'll list what I can. I'd rather have an incomplete listing than no listing at all.

Please mail any contributions to:

terry@perf.no.itg.telecom.com.au

I'd list a packet radio address too but I'm still not properly operational again yet after moving house.

15. Discussion relating to Amateur Radio and Linux.

There are various places that discussion relating to Amateur Radio and Linux take place. They take place in the comp.os.linux.* newsgroups, they also take place on the HAMS list on vger.rutgers.edu. Other places where they are held include the tcp-group mailing list at ucsd.edu (the home of amateur radio tcp/ip discussions), and you might also try the #linpeople channel on the undernet irc network.

To join the Linux linux-hams channel on the mail list server, send mail to:

Majordomo@vger.rutgers.edu

with the line:

subscribe linux-hams

in the message body. The subject line is ignored.

To join the tcp-group send mail to:

listserver@ucsd.edu

with the line:

subscribe tcp-group

in the body of the text.

Note: Please remember that the tcp-group is primarily for discussion of the use of advanced protocols, of which tcp/ip is one, in Amateur Radio. Linux specific questions should not ordinarily go there.

16. Copyright.

The HAM-HOWTO, an introduction to Amateur Radio software available for Linux and information on how to configure some of it. Copyright (c) 1995,1996 Terry Dawson.

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Free Software Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.

- --- END Linux HAM HOWTO part 2/2 ---

-----BEGIN PGP SIGNATURE-----
Version: 2.6.2
Comment: finger gregh@cc.gatech.edu for public key

iQCVAwUBMmGxvXtNTo2suu5NAQGGBgP+Mhs+n3XSGMGmmgvo81BndXBFp5LpFfXC
h0R8Z2PnSV2vBnKwq/wgYLLse5U6l4W0Ahk4YGXWCDVKvRanDfQbHnrfZ0DW3rUe
uVE5IxrBULP0f1FeJa2KBrz1NE9L2m9JvtaK1hcJVjrm7ZovqNZa4F1GL9On1Co7
PsTVvqOVoPc=
=r9ft
-----END PGP SIGNATURE-----

5009. Linux AX25 HOWTO (part 1/2)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: Terry Dawson <terry@perf.no.itg.telecom.com.au>
Message-ID: <AX25-HOWTO.1-19879.845260842@cc.gatech.edu>
Source record: 214839
Cross-posted to: comp.os.linux.answers,rec.radio.amateur.misc,aus.radio.amateur.digital

```
Archive-name: linux/howto/ax25/part1
Last-modified: 23 Jun 96

-----BEGIN PGP SIGNED MESSAGE-----

*** The `Linux AX25 HOWTO' is posted automatically by the
*** Linux HOWTO coordinator, Greg Hankins <gregh@sunsite.unc.edu>. Please
*** direct any comments or questions about this HOWTO to the author,
*** Terry Dawson <terry@perf.no.itg.telecom.com.au>.

- --- BEGIN Linux AX25 HOWTO part 1/2 ---

Linux AX25-HOWTO, Amateur Radio.
Terry Dawson, VK2KTJ, terry@perf.no.itg.telecom.com.au
v1.1, 14 June 1996

The Linux Operating System is perhaps the only operating system in the
world that can boast native and standard support for the AX.25 packet
radio protocol utilised by Amateur Radio Operators worldwide. This
document aims to describe how to install and configure this support.

1. Introduction.

This document was originally an appendix to the HAM-HOWTO, but grew
too large to be reasonably managed in that fashion. This document
describes how to install and configure the native AX.25 and NetRom
support for Linux. A few typical configurations are described that
could be used as models to work from.

1.1. Changes from the previous version

Additions:
Baycom support - ye gads!

Corrections/Updates:
Included SLIP support in kernel config - oops.
2.0.0 kernel and ax25-tools update.
Updated net-tools to 1.32-alpha version.
Removed Jonathons `special' net-tools.
A bit of shuffling about to make more sense.
Updated the example configurations.
A minor copyright ooops.

1.2. Other related documentation.

There is a lot of related documentation. There are many documents that
relate to Linux networking in more general ways and I strongly
```

recommend you also read these as they will assist you in your efforts and provide you with stronger insight into other possible configurations.

They are:

The HAM-HOWTO <http://sunsite.unc.edu/mdw/HOWTO/HAM-HOWTO.html>

the Net-2-HOWTO <http://sunsite.unc.edu/mdw/HOWTO/NET-2-HOWTO.html>

the Ethernet-HOWTO <http://sunsite.unc.edu/mdw/HOWTO/Ethernet-HOWTO.html>

the IPX-HOWTO <http://sunsite.unc.edu/mdw/HOWTO/IPX-HOWTO.html>

and

the Firewall-HOWTO <http://sunsite.unc.edu/mdw/HOWTO/Firewall-HOWTO.html>

2. Where to obtain new versions of this document.

The best place to obtain the latest version of this document is from a Linux Documentation Project archive. The Linux Documentation Project runs a Web Server and this document appears there as The AX25-HOWTO <http://sunsite.unc.edu/mdw/HOWTO/AX25-HOWTO.html>. You can always contact me, but I pass new versions of the document directly to the LDP HOWTO coordinator, so if it isn't there then chances are I haven't finished it.

3. Linux and the AX.25 and NetRom Packet Radio Protocols.

The AX.25 protocol offers both connected and connectionless modes of operation, and is used either by itself for point-point links, or to carry other protocols such as TCP/IP and NetRom.

It is similar to X.25 level 2 in structure, with some extensions to make it more useful in the amateur radio environment.

The NetRom protocol is an attempt at a full network protocol and uses AX.25 at its lowest layer as a datalink protocol. It provides a network layer that is an adapted form of AX.25.

Alan Cox developed some early kernel based AX.25 software support for Linux. Jonathon Naylor <g4klx@g4klx.demon.co.uk> has taken up ongoing development of the code, has added NetRom support and is now the developer of the AX.25 related kernel code and utilities. DAMA support was developed by Joerg, DL1BKE. Finally Baycom support was added by Thomas Sailer, <sailer@ife.ee.ethz.ch>.

The Linux code supports KISS based TNC's (Terminal Node Controllers), the Ottawa PI card, the Gracilis PacketTwin card and other Z8530 SCC based cards with the generic SCC driver and both the Parallel and Serial port Baycom modems.

The User programs contain a simple PMS (Personal Message System), a beacon facility, a line mode connect program, `listen' an example of how to capture all AX.25 frames at raw interface level and programs to configure the NetRom protocol. Included also are an AX.25 server style program to handle and despatch incoming AX.25 connections and a NetRom daemon which does most of the hard work for NetRom support.

4. The AX.25/NetRom software components.

The AX.25 software is comprised of three components, the kernel source, the network configuration tools and the utility programs.

The version 1.3.xx Linux kernels include the AX.25, NetRom, Z8530 SCC, PI card and PacketTwin drivers by default. I recommend you obtain and use the version 1.3.xx kernel source.

These are three reasons I'm recommending you use the alpha version software even though most everyone else will recommend you don't use it:

- it makes the process of building and configuring the software a whole lot simpler. There are no patches to apply it is a simple matter of configuring and compiling a kernel with the appropriate options enabled.

- it is the most recent software and is most likely to provide the most satisfactory results.

- like all new software, it needs testing and bug reports. The more people that take the software and attempt to use it in their own configurations the more likely it will be that bugs are uncovered and the easier it will be to get the software debugged. Join the team, contribute bug reports and help everybody.

Be warned though, this software is alpha and may have problem that you wouldn't otherwise encounter. Please take all the usual precautions and be sure to keep a working kernel as backup when testing new kernels. It is wise to test a new kernel by booting from it from floppy before actually installing it with lilo, though I haven't bothered for about 90 kernels revisions so I'm fairly confident you can pretty safely run with alpha kernels.

4.1. Finding the kernel, tools and utility packages.

4.1.1. The kernel source:

The kernel source can be found in its usual place at:

ftp.funet.fi

/pub/Linux/PEOPLE/Linus/v2.0/

4.1.2. The network tools:

The latest alpha release of the standard Linux network tools support AX.25 and NetRom and can be found at:

ftp.inka.de

/pub/comp/Linux/networking/net-tools/net-tools-1.32-alpha.tar.gz

or:

ftp.linux.org.uk

/pub/linux/Networking/PROGRAMS/NetTools/net-tools-1.32-alpha.tar.gz

The latest ipfwadm package can be found at:

ftp.xos.nl

/pub/linux/ipfwadm/

4.1.3. The AX25 utilities:

The AX.25 utility programs can be found at:

sunsite.unc.edu

/pub/Linux/apps/ham/ax25-utils-2.0.0.tar.gz

or:

ftp.ucsd.edu

/hamradio/packet/tcpip/incoming/ax25-utils-2.0.0.tar.gz

5. Installing the AX.25/NetRom software.

To successfully install AX.25 support on your linux system you must configure and install an appropriate kernel and then install the AX.25 utilities.

5.1. Compiling the kernel.

If you are already familiar with the process of compiling the Linux Kernel then you can skip this section, just be sure to select the appropriate options when compiling the kernel. If you are not, then read on.

The normal place for the kernel source to be unpacked to is the /usr/src directory into a subdirectory called linux. To do this you should be logged in as root and execute a series of commands similar to the following:

```
# mv linux linux.old
# cd /usr/src
# gzip -dc linux-2.0.0.tar.gz | tar xvofp -
# cd linux
```

After you have unpacked the kernel source into place you need to run the configuration script and choose the options that suit your hardware configuration and the options that you wish built into your kernel. You do this by using the command:

```
# make config
```

You might also try:

```
# make menuconfig
```

if you prefer a full screen menu based method. I'm going to describe the original method, but you use whichever you are most comfortable with.

In either case you will be offered a range of options at which you must answer `Y' or `N'. (Note you may also answer `M' if you are using modules. For the sake of simplicity I will assume you are not, please make appropriate modifications if you are).

The options most relevant to an AX.25 configuration are:

```
Networking support (CONFIG_NET) [Y/n/?] Y
Loopback device support (CONFIG_BLK_DEV_LOOP) [N/y/m/?] Y
Network firewalls (CONFIG_FIREWALL) [N/y/?]
TCP/IP networking (CONFIG_INET) [Y/n/?] Y
IP: forwarding/gatewaying (CONFIG_IP_FORWARD) [N/y/?]
IP: firewalling (CONFIG_IP_FIREWALL) [N/y/?] (NEW)
IP: tunneling (CONFIG_NET_IPIP) [N/y/m/?] (NEW)
Amateur Radio AX.25 Level 2 (CONFIG_AX25) [N/y/?] Y
AX.25 over Ethernet (CONFIG_BPQETHER) [N/y/?] (NEW)
Amateur Radio NET/ROM (CONFIG_NETROM) [N/y/?] (NEW)
Kernel/User network link driver(ALPHA) (CONFIG_NETLINK) [N/y/?]
Network device support (CONFIG_NETDEVICES) [Y/n/?] Y
SLIP (serial line) support (CONFIG_SLIP) [N/y/m/?] Y
Radio network interfaces (CONFIG_NET_RADIO) [N/y/?]
BAYCOM ser12 and par96 kiss emulation driver for AX.25 (CONFIG_BAYCOM) [N/y/m/?]
Z8530 SCC kiss emulation driver for AX.25 (CONFIG_SCC) [N/y/m/?]
Other ISA cards (CONFIG_NET_ISA) [N/y/?]
Ottawa PI and PI/2 support (CONFIG_PI) [N/y/?] (NEW)
Gracilis PackeTwin support (CONFIG_PT) [N/y/?] (NEW)
Standard/generic serial support (CONFIG_SERIAL) [Y/n/?]
```

The options I have flagged with a `Y' are those that you must must answer `Y' to. The rest are dependent on what hardware you have and what options you want to include. Some of these options are described in more detail later on, so if you don't know what you want yet, then read ahead and come back to this step later.

After you have completed the kernel configuration you should be able to cleanly compile your new kernel:

```
# make dep
# make clean
# make zImage
```

Make sure you move your arch/i386/boot/zImage file wherever you want it and then run lilo to ensure that you actually boot from it.

5.2. The network configuration tools.

After you have compiled the kernel you should compile the new network configuration tools. These tools allow you to modify the configuration of network devices and to add routes to the routing table.

The new alpha release of the standard net-tools package includes support for AX.25 and NetRom support. I've tested this and it seems to work well for me.
5.2.1. Building the standard net-tools release.

Don't forget to read the Release file and follow any instructions there. The steps I used to compile the tools were:

```
# cd /usr/src
# tar xvfz net-tools-1.32-alpha.tar.gz
# cd net-tools-1.32-alpha
# make config
```

At this stage you will be presented with a series of configuration questions, similar to the kernel configuration questions. Be sure to include support for all of the protocols and network devices types that you intend to use. If you do not know how to answer a particular question then answer `Y'.

The tools compiled cleanly against a 2.0.0 kernel without error.

When the compilation is complete, you should need only use the:

```
# make install
```

command to install the programs in their proper place.

If you wish to use the IP firewall facilities then you will need the latest firewall administration tool ipfwadm. This tool replaces the older ipfw tool which will not work with new kernels.

I compiled the ipfwadm utility with the following commands:

```
# cd /usr/src
# tar xvfz ipfwadm-2.0beta2.tar.gz
# cd ipfwadm-2.0beta2
# make install
# cp ipfwadm.8 /usr/man/man8
# cp ipfw.4 /usr/man/man4
```

5.3. The AX.25 user programs.

After you have successfully compiled and booted your new kernel, you need to compile the user programs. To compile and install the user programs you should use a series of commands similar to the following:

```
# cd /usr/local
# gzip -dc ax25-utils-2.0.0.tar.gz | tar xvvof -
# cd ax25-utils-2.0
# make install
```

The files will be installed under the /usr/local directory by default
in subdirectories: bin, sbin, etc and man.

If you get messages something like:

```
gcc -Wall -Wstrict-prototypes -O2 -I../lib -c call.c
call.c: In function `statline':
call.c:268: warning: implicit declaration of function `attron'
call.c:268: `A_REVERSE' undeclared (first use this function)
call.c:268: (Each undeclared identifier is reported only once
call.c:268: for each function it appears in.)
```

then you should read the README.ncurses file in the top level
directory. You can do as Jonathon suggests, or you can try replacing:

```
#include <curses.h>
```

with:

```
#include <ncurses/curses.h>
```

in the:

```
call/call.c
call/menu.c
```

files.

6. Configuring a RAW AX.25 connected mode interface.

The first stage to configuration of an AX.25 interface is to configure
it to work as a `vanilla' AX.25 interface with no TCP/IP. The
following configuration will get you to the point of being able to
make AX.25 calls from your Linux machine to other AX.25 nodes.

The AX.25 software has been designed to work with a TNC in kiss mode
or with other cards such as the Ottawa PI2 card, PacketTwin and other
SCC cards via special drivers that emulate a kiss tnc.

For real KISS TNC's there are two steps to complete in order to create
an AX.25 port ready to use to make outgoing calls. For other types of
hardware you need only complete the first step.

6.1. Creating the /usr/local/etc/axports file.

The AX.25 ports have a configuration file that is read by many
programs that want to find information about an AX.25 port. This file
is called the:

/usr/local/etc/axports

file. The format of the file is as follows:

```
portname callsign baudrate paclen window description
```

where:

portname
is a text name that you will refer to the port by.

callsign
is the AX.25 callsign you want to assign to the port.

baudrate
is the speed at which you wish the port to communicate with your
TNC.

paclen
is the maximum packet length you want to configure the port to
use for AX.25 connected mode connections.

window
is the AX.25 window (K) parameter. This is the same as the
MAXFRAME setting of many tnc's.

description
is a textual description of the port.

In my case, mine looks like:

radio VK2KTJ-0 4800 256 2 144.800 MHz

6.2. Creating the AX.25 device

If you are using an SCC card like the PI2 or PacketTwin then you do
not need to create the network device, as the kernel driver will
automatically do this for you. If you are using a KISS TNC then you
will need to create the AX.25 interface as it will not already exist.
Creating an AX.25 port is very similar to creating a slip device.

You will need to have the TNC preconfigured and connected to your
serial port. You can use a communications program like minicom or
seyon to configure the TNC into kiss mode if you wish.

You use the axattach program in much the same way as you would use the
slattach program (refer to the NET-2-HOWTO for more information on
slattach and the other network software for Linux). For example:

/usr/local/sbin/axattach /dev/ttyS0 radio

would configure your /dev/ttyS1 serial device to be a kiss interface
configured as per the details for the line beginning with the portname
"radio" in the /usr/local/etc/axports file.

All this step has done is to actually activate the device in the
kernel, you need to run other programs before you an actually make use
of the port.

6.2.1. Setting the callsign for SCC cards.

If you are using a PI or PacketTwin card then you should use the
axparms -setcall command to change the callsign of the appropriate
port to that which you intend to use. Refer to the PI/PacketTwin

section for the names of the network devices to use.

6.2.2. Testing the interface.

You now should be able to make outgoing AX.25 connections. To test AX.25 connected mode you could use the call program as demonstrated:

/usr/local/bin/call radio VK2DAY via VK2SUT

Note: you must tell call which AX.25 port you wish to make the call on, as the same AX.25 node might be reachable on any of the ports you have configured.

The call program is a linemode terminal program for making AX.25 calls. It recognises lines that start with `~' as command lines. The `~.' command will close the connection.

Please refer to the man pages in /usr/local/man and the README file in ax25-utils-2.0.0 distribution for more information.

7. Configuring an AX.25 interface for tcp/ip.

It is very simple to configure an AX.25 port to carry tcp/ip. Jonathon has modified the axattach command so that you can include the IP address that you want the interface to be configured with on the command line. For example, to modify the example presented earlier, I could use the command:

```
# /usr/local/sbin/axattach -i 44.136.8.5 -m 512 /dev/ttyS0 radio
# /sbin/route add -net 44.136.8.0 sl0
# /sbin/route add default sl0
```

to create the AX.25 interface with an IP address of 44.136.8.6 and an MTU of 512 bytes. You should still use the ifconfig to configure the other parameters if necessary.

You do not need to do it this way, you can of course just use the ifconfig program to configure the ip address and netmask details for the port and add a route via the port, just as you would for any other tcp/ip interface.

```
# /sbin/ifconfig sl0 44.136.8.5
# /sbin/ifconfig sl0 netmask 255.255.255.0
# /sbin/ifconfig sl0 broadcast 44.136.8.255
# /sbin/ifconfig sl0 arp mtu 256 up
# /sbin/route add -net 44.136.8.0 sl0
# /sbin/route add default sl0
```

The commands listed above are typical of the sort of configuration many of you would be familiar with if you have used NOS or any of its derivatives or any other tcp/ip software. Note that the default route might not be required in your configuration if you have some other network device configured.

To test it out, try a ping or a telnet to a local host.

```
# ping -i 5 44.136.8.58
```

Note the use of the `-i 5' arguments to ping to tell it to send pings every 5 seconds instead of its default of 1 second.

8. Configuring an AX.25 interface for NetRom.

To configure NetRom on an AX.25 interface you must configure two files.

8.1. Configuring /usr/local/etc/nrports

The first is the /usr/local/etc/nrports file. This file describes the NetRom port in much the same way as the /usr/local/etc/axports file describes the AX.25 ports.

This file is formatted as follows:

```
name callsign alias paclen description
```

Where:

name
is the text name that you wish to refer to the port by.

callsign
is the callsign that the NetRom traffic from this port will use.
alias
is the NetRom alias this port will have assigned to it.

paclen
is the maximum size of NetRom frames transmitted by this port.

description
is a free text description of the port.

An example would look something like the following:

```
netrom VK2KTJ-1 LINUX 235 Linux Switch Port
```

Note that the ports are referred to by name by programs such as call.

8.2. Configuring /usr/local/etc/nrbroadcast

The second file is the /usr/local/etc/nrbroadcast file.

This file is formatted as follows:

```
axport min_obs def_qual worst_qual verbose
```

Where:

axport
is the port name obtained from the /usr/local/etc/axports file.
If you do not have an entry in /usr/local/etc/nrbroadcasts for a port then this means that no NetRom routing will occur and any received NetRom broadcasts will be ignored for that port.

min_obs
is the minimum obselesence value for the port.

def_qual
is the default quality for the port.

worst_qual
is the worst quality value for the port, any routes under this
quality will be ignored.

verbose
is a flag determining whether full NetRom routing broadcasts
will occur from this port or only a routing broadcast
advertising the node itself.

An example would look something like the following:

radio 1 200 10 1

8.3. Creating the NetRom device

When you have the two configuration files completed you must create
the NetRom device in much the same way as you did for the AX.25
devices. This time you use the nrattach command:

nrattach netrom

This command would start the NetRom device (nr0) named netrom
configured with the details specified in the /usr/local/etc/nrports
file.

8.4. Starting the NetRom daemon

The NetRom daemon manages the NetRom routing tables and generates the
NetRom routing broadcasts. You start NetRom with the command:

/usr/local/sbin/netromd

You should soon see the /proc/net/nr_neigh file filling up with
information about your NetRom neighbours.

Remember to put the /usr/local/sbin/netromd command in your rc files
so that it is started automatically each time you reboot.

9. Configuring IP on a NetRom interface.

Configuring a NetRom interface for tcp/ip is almost identical to
configuring an AX.25 interface for tcp/ip.

Again you can either specify the ip address and mtu on the nrattach
command line, or use the ifconfig and route commands, but you need to
manually add arp entries for hosts you wish to route to because there
is no mechanism available for your machine to learn what NetRom
address it should use to reach a particular IP host.

So, to create an nr0 device with an IP address of 44.136.8.5 and an
mtu of 512 and configured with the details from the

/usr/local/etc/nrports file for a NetRom port named netrom you would use:

```
# /usr/local/sbin/nrattach -i 44.136.8.5 -m 512 netrom
# route add 44.136.8.5 nr0
```

or you could use something like the following commands manually:

```
# ifconfig nr0 44.136.8.5 hw netrom VK2KTJ-1
# route add 44.136.8.5 nr0
```

Then for each IP host you wish to reach via NetRom you need to set route and arp entries. To reach a destination host with an IP address of 44.136.80.4 at NetRom address BBS:VK3BBS via a NetRom neighbour with callsign VK2SUT-0 you would use commands as follows:

```
# route add 44.136.80.4 nr0
# arp -t netrom -s 44.136.80.4 vk2sut-0
# nrparms -nodes vk3bbs + BBS 120 6 sl0 vk2sut-0
```

The `120' and `6' arguments to the nrparms command are the NetRom quality and obsolescence count values for the route.

10. Configuring an Ethernet device for AX.25 ala BPQ

Linux support BPQ Ethernet compatibility. This enables you to run the AX.25 protocol over your Ethernet LAN and to interwork your linux machine with other BPQ machines on the LAN.

Configuration is quite straightforward. You firstly must have configured a standard Ethernet device. This means you will have compiled your kernel to support your Ethernet card, and executed configuration commands similar to the following:

```
# ifconfig eth0 44.136.8.5 netmask 255.255.255.248 up
# ifconfig eth0 broadcast 44.136.8.103
# route add -net 44.136.8.96 netmask 255.255.255.248 eth0
```

To configure the BPQ support you need to associate an AX.25 callsign with your Ethernet hardware address. You should use the following:

```
# axparms -dev eth0 vk2ktj-9
```

This says that AX.25 callsign vk2ktj-9 is associated with the eth0 device.

BPQ Ethernet normally uses a multicast address. The Linux implementation does not, and instead it uses the normal Ethernet broadcast address. The NET.CFG file for the BPQ ODI driver should therefore look similar to this:

```
LINK SUPPORT

MAX STACKS 1
MAX BOARDS 1
```

```
LINK DRIVER E2000 ; or other MLID to suit your card

INT 10 ;
PORT 300 ; to suit your card

FRAME ETHERNET_II

PROTOCOL BPQ 8FF ETHERNET_II ; required for BPQ - can change PID

BPQPARMS ; optional - only needed if you want
; to override the default target addr

ETH_ADDR FF:FF:FF:FF:FF:FF ; Target address
```

11. Ottawa PI/PI2 card driver and Gracilis PacketTwin driver.

The Ottawa PI and the Gracilis PacketTwin are Z8530 SCC based card for IBM PC type machines that are in common usage by Amateur Radio operators worldwide. The PI card supports a high speed half duplex (single DMA channel) port, and a low speed (<9k6bps interrupt driven) half duplex port. The PI2 is a new version of the card that supports an on board radio modem and improved hardware design. The PacketTwin card supports two high speed port and is capable of accepting on board modems.

The PI card driver was written by David Perry, <dp@hydra.carleton.edu> The PacketTwin card driver was written by Craig Small VK2XLZ, <csmall@triode.apana.org.au>. Both drivers are a standard feature of the 1.3.xx kernel.

Please refer to the AX.25 section above for details on how to configure the kernel to include the PI card or the PacketTwin card drivers.

Once you have the appropriate driver configured into your kernel then you should reboot and when you do, you should see mention of the PI or PacketTwin card driver in the messages that appear on the screen while the kernel is booting. The drivers test each of the I/O port addresses that the card might be configured for and reports any that it finds. You should then look at the /proc/net/dev file and you should see reference to devices called pi0a and pi0b or pt0a and pt0b for the PI and PacketTwin cards respectively.

If the devices don't appear then recheck that you have configured and compiled your kernel correctly and that you are in fact actually running your new kernel. If you still don't then this suggests that your PI or PacketTwin card was not detected by the kernel while it booted and may indicate that you have some sort of hardware conflicting with your PI/PT card that prevented it being detected.

If all of the above went as planned then you will need to configure your PI/PT card with an AX.25 address and for IP. The configuration of the PI/PT cards is virtually identical to that of any other IP interface. Something like the following should work ok for you:

```
# /usr/local/sbin/axparms -setcall pi0a VK2KTJ-2
# /sbin/ifconfig pi0a 44.136.8.5
# /sbin/ifconfig pi0a netmask 255.255.255.0
# /sbin/ifconfig pi0a broadcast 44.136.8.255
# /sbin/ifconfig pi0a arp mtu 256 up
# /sbin/route add -net 44.136.8.0 pi0a
# /sbin/route add default pi0a
```

Note that pi0a refers to the `a' port on the first PI card found, and that pi0b would therefore refer to the `b' port on the first PI card found. pt0a would therefore be the first port on the first PacketTwin card detected.

Note also the use of the axparms -setcall command to set the AX.25 callsign of the port.

As usual, when this has been done you can test the interface with the ping or telnet command to ensure it is working.

12. Z8530 SCC Kiss Emulation

Joerg Reuter, DL1BKE has developed generic support for Z8530 SCC based cards. His driver is configurable to support a range of different types of cards and present an interface that looks like a KISS TNC so you can treat it as though it were a KISS TNC.

12.1. Obtaining and building the configuration tool package.

The kernel driver is included in the standard kernel distribution, but there are a suite of configuration tools that you will need to obtain as well.

To compile the kernel support you must be sure to answer `Y' to: `Z8530 SCC kiss emulation driver for AX.25' when asked during a kernel `make config'.

You can obtain the configuration tools package from:

ftp.ucsd.edu

/hamradio/packet/tcpip/incoming/z8530drv-2.0.dl1bke.real.tar.gz

The following command were what I used to compile and install the package for kernel version 1.3.93:

```
# cd /usr/src
# gzip -dc z8530drv-2.0.dl1bke.real.tar.gz | tar xvpofz -
# cd z8530drv
# rm gencfg sccinit sccstat
# make dep
# make utils
# make install
```

Note: I've not followed the instructions included because the version of driver in the 2.0.0 kernel is actually newer than that included in the package and the normal installation process would have overwritten

the new kernel source with the older version.

After the above is complete you should have three new programs installed in your /sbin directory: gencfg, sccinit and sccstat. It is these programs that you will use to configure the driver for your card.

You will also have a group of new special device files created in your /dev called scc0 .. scc7. These will be used later and will be the `KISS' devices you will end up using.

12.2. Configuring the driver for your card.

The z8530 SCC driver has been designed to be as flexible as possible so as to support as many different types of cards as possible. With this flexibility has come some cost in configuration.

There is more comprehensive documentation in the package and you should read this if you have any problems. You should particularly look at doc/scc_eng.doc or doc/scc_ger.doc for more detailed information. I've paraphrased the important details, but as a result there is a lot of lower level detail that I have not included.

The main configuration file is read by the sccinit program and is called /etc/z8530drv.rc. This file is broken into two main stages: Configuration of the hardware parameters and channel configuration. After you have configured this file you need only add:

sccinit

into the rc file that configures your network and the driver will be initialised according to the contents of the configuration file. You must do this before you attempt to use the driver.

12.2.1. Configuration of the hardware parameters.

The first section is broken into stanzas, each stanza representing an 8530 chip. Each stanza is a list of keywords with arguments. You may specify up to four SCC chips in this file by default. The #define MAXSCC 4 in scc.c can be increased if you require support for more.

The allowable keywords and arguments are:

chip
the chip keyword is used to separate stanzas. It will take anything as an argument. The arguments are not used.

data_a
this keyword is used to specify the address of the data port for the z8530 channel `A'. The argument is a hexadecimal number e.g. 0x300

ctrl_a
this keyword is used to specify the address of the control port for the z8530 channel `A'. The arguments is a hexadecimal number

e.g. 0x304

data_b
this keyword is used to specify the address of the data port for the z8530 channel `B'. The argument is a hexadecimal number e.g. 0x301

ctrl_b
this keyword is used to specify the address of the control port for the z8530 channel `B'. The arguments is a hexadecimal number e.g. 0x305

irq
this keyword is used to specify the IRQ used by the 8530 SCC described in this stanza. The argument is an integer e.g. 5

pclock
this keyword is used to specify the frequency of the clock at the PCLK pin of the 8530. The argument is an integer frequency in Hz which defaults to 4915200 if the keyword is not supplied.

board
the type of board supporting this 8530 SCC. The argument is a character string. The allowed values are:

PA0HZP
the PA0HZP SCC Card

EAGLE
the Eagle card

PC100
the DRSI PC100 SCC card

PRIMUS
the PRIMUS-PC (DG9BL) card

BAYCOM
BayCom (U)SCC card

escc
this keyword is optional and is used to enable support for the Extended SCC chips (ESCC) such as the 8580, 85180, or the 85280. The argument is a character string with allowed values of `yes' or `no'. The default is `no'.

vector
this keyword is optional and specifies the address of the vector latch (also known as "intack port") for PA0HZP cards. There can be only one vector latch for all chips. The default is 0.

special
this keyword is optional and specifies the address of the special function register on several cards. The default is 0.

```
option
this keyword is optional and defaults to 0.

Some example configurations for the more popular cards are as follows:

BayCom USCC

chip 1
data_a 0x300
ctrl_a 0x304
data_b 0x301
ctrl_b 0x305
irq 5
board BAYCOM
#
# SCC chip 2
#
chip 2
data_a 0x302
ctrl_a 0x306
data_b 0x303
ctrl_b 0x307
board BAYCOM

PA0HZP SCC card

chip 1
data_a 0x153
data_b 0x151
ctrl_a 0x152
ctrl_b 0x150
irq 9
pclock 4915200
board PA0HZP
vector 0x168
escc no
#
#
#
chip 2
data_a 0x157
data_b 0x155
ctrl_a 0x156
ctrl_b 0x154
irq 9
pclock 4915200
board PA0HZP
vector 0x168
escc no

DRSI SCC card
```

```
chip 1
data_a 0x303
data_b 0x301
ctrl_a 0x302
ctrl_b 0x300
irq 7
pclock 4915200
board DRSI
escc no
```

If you already have a working configuration for your card under NOS, then you can use the gencfg command to convert the PE1CHL NOS driver commands into a form suitable for use in the z8530 driver configuration file.

To use gencfg you simply invoke it with the same parameters as you used for the PE1CHL driver in NET/NOS. For example:

```
# gencfg 2 0x150 4 2 0 1 0x168 9 4915200
```

will generate a skeleton configuration for the OptoSCC card.

12.2.2. Channel Configuration

The Channel Configuration section is where you specify all of the other parameters associated with the port you are configuring. Again this section is broken into stanzas. One stanza represents one logical port, and therefore there would be two of these for each one of the hardware parameters stanzas as each 8530 SCC supports two ports.

These keywords and arguments are also written to the /etc/z8530drv.rc file and must appear after the hardware parameters section.

Sequence is very important in this section, but if you stick with the suggested sequence it should work ok. The keywords and arguments are:

device
this keyword must be the first line of a port definition and specifies the name of the special device file that the rest of the configuration applies to. e.g. /dev/scc0

speed
this keyword specifies the speed in bits per second of the interface. The argument is an integer: e.g. 1200

clock
this keyword specifies where the clock for the data will be sourced. Allowable values are:

dpll
normal halfduplex operation

external
MODEM supplies its own Rx/Tx clock

divider
use fullduplex divider if installed.

mode
this keyword specifies the data coding to be used. Allowable
arguments are: nrzi or nrz

rxbuffers
this keyword specifies the number of receive buffers to allocate
memory for. The argument is an integer, e.g. 8.

txbuffers
this keyword specifies the number of transmit buffers to
allocate memory for. The argument is an integer, e.g. 8.

bufsize
this keyword specifies the size of the receive and transmit
buffers. The arguments is in bytes and represents the total
length of the frame, so it must also take into account the AX.25
headers and not just the length of the data field. This keyword
is optional and default to 384

txdelay
the KISS transmit delay value, the argument is an integer in mS.

persist
the KISS persist value, the argument is an integer.

slot
the KISS slot time value, the argument is an integer in mS.

tail
the KISS transmit tail value, the argument is an integer in mS.

fulldup
the KISS full duplex flag, the argument is an integer. 1==Full
Duplex, 0==Half Duplex.

wait
the KISS wait value, the argument is an integer in mS.

min
the KISS min value, the argument is an integer in S.

maxkey
the KISS maximum keyup time, the argument is an integer in S.

idle
the KISS idle timer value, the argument is an integer in S.

maxdef
the KISS maxdef value, the argument is an integer.

group
the KISS group value, the argument is an integer.

txoff
the KISS txoff value, the argument is an integer in mS.

softdcd
the KISS softdcd value, the argument is an integer.

slip
the KISS slip flag, the argument is an integer.

12.3. Using the driver.

To use the driver you simply treat the /dev/scc* devices just as you would a serial tty device with a KISS TNC connected to it. For example, to configure Linux Kernel networking to use your SCC card you could use something like:

axattach -s 4800 /dev/scc0 VK2KTJ

You can also use NOS to attach to it in precisely the same way. From JNOS for example you would use something like:
attach asy scc0 0 ax25 scc0 256 256 4800

12.4. The sccstat and sccparam tools.

To assist in the diagnosis of problems you can use the sccstat program to display the current configuration of an SCC device. To use it try:

sccstat /dev/scc0

you will displayed a very large amount of information relating to the configuration and health of the /dev/scc0 SCC port.

The sccparam command allows you to change or modify a configuration after you have booted. Its syntax is very similar to the NOS param command, so to set the txtail setting of a device to 100mS you would use:

sccparam /dev/scc0 txtail 0x8

13. Configuring an interface for a Baycom modem.

Thomas Sailer, <sailer@ife.ee.ethz.ch>, despite the popularly held belief that it would not work very well, has developed Linux support for Baycom modems. His driver supports the Ser12 serial port, Par96 and the enhanced Par97 parallel port modems.

When the driver is running it follows the standard of looking like a KISS interface, so you treat it in much the same way as you would the PI card, PacketTwin or SCC driver ports.

13.1. Compiling the kernel

The driver is only available as a module, so you must have compiled module support into your kernel, and also selected the appopriate options to support the Baycom driver during the make config stage when compiling your kernel.

The relevant options that you must answer `Y' for are:

Radio network interfaces (CONFIG_NET_RADIO) [N/y/?]
BAYCOM ser12 and par96 kiss emulation driver for AX.25 (CONFIG_BAYCOM) [N/y/m/?]

13.2. Creating the /dev device files.

The Baycom driver uses special device files in the /dev directory.
You need to create these manually. The following commands should work
ok for you:

mknod /dev/bc0 c 60 0
mknod /dev/bc1 c 60 1
mknod /dev/bc2 c 60 2
mknod /dev/bc3 c 60 3

You will use these later.

13.3. Loading the module.

When the kernel compilation is complete and you have installed the
module baycom.o wherever you normally keep your modules
(conventionally they are stored in /lib/modules/2.0.0/), you must
start the module. The module takes configuration paramters from the
insmod command line, so you must start it manually from an rc file or
if you use the kerneld program you must configure it with the relevant
paramters so that it supplies them when it loads the module.

If you use kerneld you will need to add the following line to your
/etc/conf.modules file:

alias char-major-60 baycom

There are four main items to specify when loading the module, they
are:

modem
the baycom modem type you are configuring it for.

1. Ser12 type modem.

2. Par96 or Par97 type modem.

iobase
the i/o address of the serial or parallel port you will use.

0x3f8
COM1:

0x2f8
COM2:

0x378
LPT1:

0x278
LPT2:

irq
the Interrupt Request (IRQ) line your port will use.

4 COM1:

3 COM2:

7 LPT1:

5 LPT2:

options
some baycom specific options.

0 use hardware generated DCD signal.

1 use software DCD signal.

13.4. A small trap to be aware of.

Because the Baycom driver uses the serial and parallel ports of your machines, and because it is a low level driver for these, it competes with the existing serial and parallel drivers in the kernel. There are some ways of working around this problem. The first way is to make sure that you load the Baycom module first so that it takes the hardware it needs before the serial or parallel device driver modules load and search for their own. With the serial driver you have the luxury of being able to disable it for a single port using the setserial command, this will be demonstrated in the examples. If you are using the parallel port modems then beware of the lp.o Line Printer and plip.o Parallel Line IP modules.

13.5. Some example configurations.

These examples are for the two most common configurations.

Disable the serial driver for COM1: then configure the Baycom driver for a Ser12 serial port modem on COM1: with the software DCD option enabled:

```
# setserial /dev/ttyS0 uart none
# insmod baycom modem=1 iobase=0x3f8 irq=4 options=1
```

Par96 parallel port type modem on LPT1: using hardware DCD detection:

```
# insmod baycom modem=2 iobase=0x378 irq=7 options=0
```

The first device created is /dev/bc0, the second is /dev/bc1 etc.

13.6. Configuring multiple devices.

Using the insmod program and its command line arguments you can only configure one Baycom modem. There is a setbaycom utility which I have not yet located that will allow you to configure others. If you happen to find it please let me know where it is kept so that I can include details for it here.

13.7. Actually using the devices.

This device driver when loaded looks like a serial tty driver with a KISS TNC attached. This means that configuration of the AX.25 software for this driver is identical to the configuration for a KISS TNC presented earlier. You need to use the axattach program and add the port to your /usr/local/etc/axports file. The only difference is that you would use the device /dev/bc0 instead of /dev/ttyS0.

14. Configuring ax25d to accept incoming AX.25/Netrom connections.

Linux is a powerful operating system and offers a great deal of flexibility in how it is configured. With this flexibility comes a cost in configuring it to do what you want. When configuring your Linux machine to accept incoming AX.25 or NetRom connections there are a number of questions you need to ask yourself. The most important of which is: "What do I want users to see when they connect?". As detailed in the HAM-HOWTO there are BBS systems that are being developed that you might want users to see when they connect, alternatively you might want to give users a login prompt so that they can make use of a shell account, or you might even have written your own program, such as a customised database or a game, that you want people to connect to. Whatever you choose, you must tell the AX.25 software about this so that it knows what software to run when it accepts an incoming AX.25 connection.

14.1. Creating the /usr/local/etc/ax25d.conf file.

This file is the configuration file for the ax25d AX.25 daemon which handles incoming AX.25 and NetRom connections.

The file is a little cryptic looking at first, but you'll soon discover it is very simple in practice, with a small trap for you to be wary of.

The format of the ax25d.conf file is as follows:

```
# This is a comment and is ignored by the ax25d program.
[<interface_call>]
<peer1> window T1 T2 T3 N2 <mode> <uid> <cmd> <cmd-name> <arguments>
<peer2> window T1 T2 T3 N2 <mode> <uid> <cmd> <cmd-name> <arguments>
defaults window T1 T2 T3 N2 <mode> <uid> <cmd> <cmd-name> <arguments>
<peer3> window T1 T2 T3 N2 <mode> <uid> <cmd> <cmd-name> <arguments>
default window T1 T2 T3 N2 <mode> <uid> <cmd> <cmd-name> <arguments>
```

Where:

at the start of a line marks a comment and is completely ignored by the ax25d program.

<interface_call>
is the AX.25 callsign of the AX.25 or NetRom interface that this particular paragraph is for.

<peer>
is the callsign of the peer node that this particular
configuration applies to. If you don't specify an SSID here then
any SSID will match.

window
is the AX.25 Window parameter (K) or MAXFRAME parameter for this
configuration.

T1 is the Frame retransmission (T1) timer in half second units.

T2 is the amount of time the AX.25 software will wait for another
incoming frame before preparing a response in 1 second units.

T3 is the amount of time of inactivity before the AX.25 software
will disconnect the session in 1 second units.

N2 is the number of consecutive retransmissions that will occur
before the connection is closed.

<mode>
provides a mechanism for determining certain types of general
permissions. The modes are enabled or disabled by setting or
resetting bits in an 8 bit map. You set that map by setting
<mode> to the sum of the following values:

1 Setup utmp, and run on a ptty (planned).

2 UNUSED.

4 UNUSED.

8 UNUSED.

16 UNUSED.

32 UNUSED.

64 Disallow digipeated uplinks, only allow direct connections.

128
Lockout, Barred, immediate disconnect.

<uid>
is the userid that the program to be run to support the
connection should be run as.

<cmd>
is the full pathname of the command to be run, with no arguments
specified.

<cmd-name>
is the text that should appear in a ps as the command name
running (normally the same as <cmd> except without the directory
path information.

<arguments>
are the command line argument to be passed to the <:cmd> when it is run. You pass useful information into these arguments by use of the following tokens:

%U AX.25 callsign of the connected party without the SSID, in uppercase.

%u AX.25 callsign of the connected party without the SSID, in lowercase.

%S AX.25 callsign of the connected party with the SSID, in uppercase.

%s AX.25 callsign of the connected party with the SSID, in lowercase.

You need one section in the above format for each AX.25 or NetRom interface you want to accept incoming AX.25 or NetRom connections on.

There are two special lines in the paragraph, one starts with the string `defaults' and other starts with the string `default' (yes there is a difference). These lines serve special functions.

The `default' lines purpose should be obvious, this line acts as a catch-all, so that any incoming connection on the <interface_call> interface that doesn't have a specific rule will match the `default' rule. If you don't have a `default' rule, then any connections not matching any specific rule will be disconnected immediately without notice.

The `defaults' line is a little more subtle, and here is the trap I mentioned earlier. In any of the fields for any definition for a peer you can use the `*' character to say `use the default value'. The `default' line is what sets those default values. The kernel software itself has some defaults which will be used if you don't specify any. The trap is that the these defaults apply only to those rules below the `default' line not to those above. You may have more than one `default' rule per interface definition, and in this way you may create groups of default configurations.

14.2. A simple example ax25d.conf file.

Ok, an illustrative example:

```
# ax25d.conf for VK2KTJ - 21/11/95
# This configuration uses the AX.25 port defined earlier.
[VK2KTJ-1]
NOCALL * * * * * 0 guest /usr/games/fortune
defaults 1 10 * * * 0 root /usr/local/sbin/axspawn axspawn %u +
VK2XLZ-1 * * * * * * * * *
VK2DAY-1 * * * * * * * * *
default 1 10 5 100 5 0 root /usr/local/bin/pms pms -a -o vk2ktj
#
```

This example says that anybody connecting to the interface on my machine with the callsign VK2KTJ-1 will have the following rules applied:

Anyone whose callsign is set to `NOCALL' should use the kernel default parameters and have the fortune program run as guest for them.

The defaults line changes two parameters from the kernel defaults (Window and T1) and will run the /usr/local/sbin/axspawn program for them. Any copies of /usr/local/sbin/axspawn run this way will appear as axspawn in a ps listing for convenience. The next two lines definitions for two stations who will receive those permissions.

The last line in the paragraph is the `catch all' definition that everybody else will get (including VK2XLZ and VK2DAY using any other SSID other than -1). This definition sets all of the parameters implicitly and will cause the pms program to be run with a command line argument indicating that it is being run for an AX.25 connection (assuming VK2KTJ-1 to be an AX.25 interface) and that the owner callsign is VK2KTJ. (See the `Configuring the PMS' section below for more details).

If you wanted to define rules for another interface, a NetRom interface for example, then you would add another paragraph coded in the same way with rules and callsign appropriate to it.

This example is a contrived one but I think it illustrates clearly the important features of the syntax of the configuration file. Jonathon includes a much longer and more detailed example in the ax25-utils package that you should look at if you need more information.

14.3. Starting ax25d

When you have the two configuration files completed you start ax25d with the command:

/usr/local/sbin/ax25d

When this is run people should be able to make AX.25 connections to your Linux machine. Remember to put the ax25d command in your rc files so that it is started automatically when you reboot each time.

14.4. Configuring axspawn.

The axspawn program is a simple program that allows AX.25 stations who connect to be log in to your machine. It is invoked from the ax25d program as described above. To allow a user to log in to your machine you should add a line similar to the following into your /usr/local/etc/ax25d.conf file:

default * * * * * 1 root /usr/local/sbin/axspawn axspawn %u

If the line ends in the + character then the connecting user must hit return before they will be allowed to login. The default is to not wait. Any individual host configurations that follow this line will

have the axspawn program run when they connect. When axspawn is run it first checks that the command line argument it is supplied is a legal callsign, strips the SSID, then it checks that /etc/passwd file to see if that user has an account configured. If there is an account, and the password is either "" (null) or + then the user is logged in, if there is anything in the password field the user is prompted to enter a password. If there is not an existing account in the /etc/passwd file then axspawn may be configured to automatically create one.

14.4.1. Creating the /usr/local/etc/axspawn.conf file.

You can alter the behaviour of axspawn in various ways by use of the /usr/local/etc/axspawn.conf file. This file is formatted as follows:

```
# /usr/local/etc/axspawn.conf
#
# allow automatic creation of user accounts
create yes
#
# guest user if above is 'no' or everything else fails. Disable with "no"
guest no
#
# group id or name for autoaccount
group ax25
#
# first user id to use
first_uid 2001
#
# maximum user id
max_uid 3000
#
# where to add the home directory for the new users
home /home/ax25
#
# user shell
shell /bin/bash
#
# bind user id to callsign for outgoing connects.
associate yes
```

The eight configurable characteristics of axspawn are as follows:

```
# indicates a comment.
```

```
create
if this field is set to yes then axspawn will attempt to
automatically create a user account for any user who connects
and does not already have an entry in the /etc/passwd file.
```

```
guest
this field names the login name of the account that will be used
for people who connect who do not already have accounts if
```

create is set to no. This is usually ax25 or guest.

group
this field names the group name that will be used for any users
who connect and do not already have an entry in the /etc/passwd
file.

first_uid
this is the number of the first userid that will be
automatically created for new users.

max_uid
this is the maximum number that will be used for the userid of
new users.

home
this is the home (login) directory of new users.

- --- END Linux AX25 HOWTO part 1/2 ---

-----BEGIN PGP SIGNATURE-----
Version: 2.6.2
Comment: finger gregh@cc.gatech.edu for public key

iQCVAwUBMmGoAHtNTo2suu5NAQFSDwP+N5U7WYua/NYd486QfMEEgFsrOirQYeJX
mT+G47Dc3kOz0QdyOY45mLoG2QI5Nsxi3j4ucPNLCVYvOGq5V5YtQ9ulEdX33sdK
ADqnQPVHAVeK9/R2SZ58kleO2eW4GksAiKM7rtZ0t/jcde95l3La0qhk6/uDa0xf
YrlEyYETeQo=
=BPDJ
-----END PGP SIGNATURE-----

5010. Re: Ham Gear for Sale....

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: Ramon Gandia <rfg.at.nome.dot.net@no.spam.please>
Message-ID: <3261EF43.3017@no.spam.please>
Source record: 214840
Cross-posted to: rec.ham-radio,rec.ham-radio.swap,rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.swap,rec.radio.swap

Jim Roberson wrote:
>
> I have the following Ham Gear FOR SALE....
>
> Kenwood TS-450AT
> Henry 2k-4 Console Amp.
> Reason for selling is that I just got married a few months ago and
> either the Ham Gear or me go.

Jim:

Come to rural Alaska. Leave wife behind. Bring gear.
Lotsa girls here look for he-man with big toys. I have spoken.

--
In order to foil SpamBots, my e-mail address is not
machine readable. Please reply to address below:

Ramon Gandia, Nome, Alaska | rfg.at.nome.dot.net
AL7X S/V Seven Stars |
907-443-2437 fax 907-443-2487 | where at=@ dot=period

5011. Re: Can Amatuer Radio survive ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: Kevin Jessup <kevin.jessup@mail.mei.com>
Message-ID: <3261A15D.7530@mail.mei.com>
Source record: 214841

rogerjb@ibm.net wrote:
>
> In <53o7dk$5qd@nntp-3.io.com>, kk5dr@io.com writes:
> >Will it be alive, as we know it, in 10-20 yrs.? Your opinions please.

No.

> Not if the CW requirement for HF privileges continues to turn the internet
> generation away from our hobby.

CW or not, what is the big deal about HF?? Why should we care?

> 1) For most non-hams, the facination of amateur radio is the idea of
> communicating long distances via radio in real time.
>
> 2) For the most part, this means HF privileges.

I am sorry to say I agree with this. Certainly majority
rules in this hobby. What dissappoints me is how many
people still seem to think operating on HF is a big deal.
This does indeed appear to be the opinion of the majority
in this hobby/service.

It seems that regardless of the code vs no-code debate,
MOST HAMS seem to think HF is the place to be and THEY
want to be there too. This attitude needs to change if
the hobby is to survive.

Radio was not invented just yesterday. Can we get over this
fascination with DX communication on HF via analog modulation
methods?? Meanwhile the commecrcial world has passed us by and
is putting even greater distance between us and them with each
passing day. The spectrum battles on 2-meters and up (and I
believe 900MHz and up using digital modulation techniques is
where today's RF knowledge can be gained and where fun can be
had) should be a wake up call to ham radio.

Instead we have an incentive system that makes HF seem like the
place to be. If amateur radio is to survive, it needs to attract
people whose interests are in the bands and communication techniques
typical of the 21st century, NOT the early 20th.

We should be looking at communications techniques as a whole, not
just an emphasis on analog RF alone. Many years ago, analog RF WAS
electronics. Analog RF WAS communications. But that is no longer
true. This hobby can benefit from people skilled at telecommunication
protocols and software justs as much as it can benefit from an expert

on antenna grounding and protection techniques.

But so long as the incentive system, licenses classes and the
ARRL (via their contests, awards, certificates and the like) portray
knowledge of HF, analog and (can you believe it?) CW, as the path
to respect and recognition in amateur radio, the hobby is doomed.

I am not advocating the elimination of any existing bands or
modes of operation. I am suggesting changes in the incentive
system so as to reflect the communications (not just radio) methods
commonly used today on UHF and above. The bands of the future will
not be on HF. Amateur radio must realize this or face extinction.

Of course, you need a majority to think this way before anything
can be changed in this hobby. But by the time that happens,
it may be too late and our bands (the GOOD ones on 70cm and up)
will be gone.

I'll no doubt be royally flamed for this, but if a hobby is set up
to attract and keep people who think "HF is cool", is it any wonder
the hobby is so far behind the times technically?

Amateur radio is little more than "CB with an attitude".
Few experiment. Few build. Few want to really learn.

--
n9sqb
kevin.jessup@mail.mei.com
http://www.mei.com

5012. FS: Military radio accessoires

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: Loek d'Hont <ldhont@ti.com>
Message-ID: <01bbb935$24400040$0c5e5bc0@A0927429.itg.ti.com>
Source record: 214842
Cross-posted to: alt.military.collecting,rec.antiques.radio+phono,rec.aviation.military,rec.ham-radio,rec.ham-radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.cb,rec.radio.shortwave,rec.radio.swap,ti.rec.radio

I am posting this ad for a friend who has trouble accessing newsgroups from
his PC

Please respond to him directly, his EMAIL address is whkramer@pi.net

For sale: All parts for use with German and britisch Army WW-II radiosets
such as WS-11,
WS-17, WS-18, WS-19, WS-22, WS-46, WS-48, WS-58, WS-62, WS-68, R-107,
R-109,
Fullerphone, Fieldphone, etc.
Antenna 'B' sections for use with WS18, WS46, WS48, WS68, etc $ 7 /each
Headsets DRL 1 (or 5) , Use with WS38, WS48, WS68, R-107, R-109 etc $
10/each
Microphone Hand use with WS-18, WS-48, WS-68, remote unit WS-22, WS-62 etc
$ 50/each
Junction Box No. 1 for use with WS-38 $65/each
Microphone throat No. 2 for use with WS-38 $ 25/each
Mounting strap for use with WS-22 $30/each
Lamps operator for use with WS-22 $ 25/each
Mic/headset combination use with WS-19, WS-22, WS-62, etc. $60/each
and many more...
Prices excluding shipment, with large volumes of certain parts 10 %
discount possible.

For more information and orders please e-mail whkramer@pi.net

Thank you for reading this ad

5013. Re: The truth about N1BTQ

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: subs@ro.com
Message-ID: <53rhuc$6m0@news.ro.com>
Source record: 214843

kd1hz@anomaly.ideamation.com (Michael P. Deignan) wrote:

>In article <53q30r$sgl@news.ro.com>, Casey <subs@ro.com> wrote:

>>No. Your stupid.

>Next time you call someone stupid, you might want to spell "you're"
>right. Otherwise it undermines your argument.

>MD
>--
>--
>-- "Guns don't kill people. I kill people." -- T-shirt slogan
>--
>-- If you don't like my opinions, that's just too damn bad.

You're correct. But he's still stupid.

5014. German HF transceiver used by STAZI

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: Loek d'Hont <ldhont@ti.com>
Message-ID: <01bbb933$b4572020$0c5e5bc0@A0927429.itg.ti.com>
Source record: 214844
Cross-posted to: alt.military.collecting,rec.antiques.radio+phono,rec.ham-radio,rec.ham-radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.cb,rec.radio.shortwave,rec.radio.swap,ti.rec.radio

```
Forsale: HF radio used by Stazi (former East-German secret police) in
excellent condition

Radio covers 1.6-12 MHz in 1 kHz steps synthesized & VFO
Modes: USB,LSB,AM (A3J / A3H / A2J )
Antanna tuner is built-in. RF power 20 watt peak and average in SSB
Radio can be used as man-pack, as mobile radio or stationary radio
Size: 4.3"x14.2"x12", weight 17.5 lb
Comes with separate AC power supply, whip antenna, telemike and user
manual
Runs from either the AC power supply or from a 24V 4A DC source

$550, shipping not included

ldhont@ti.com
```

5015. Re: Plate voltages, Eimac Tube Book

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: Richard Hager <rhager@millcomm.com>
Message-ID: <32612F54.7592@millcomm.com>
Source record: 214845
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Robert Ganter wrote:
>
> macino@ibm.net@smtp-news2.ibm.net wrote:
> >
> > maybe some local old timer may have the Eimac 'Care and Feeding of Power
> > Grid Tubes'. It does a great job of explaining the whole deal with load lines,
> > impedances, and all. They're not too tough to understand. Only the Gate 2
> > Vanity Call operation is beyond comprehension. Cheers!
>
> Do they still sell this book (or booklet) ? I would be very interested.
> If it is not available anymore, could someone photocopy it?
> Robert HB9NBY--

Hello, I too would like to get a photocopy of this book. Please email.

Richard Hager

+ Ah-ha! Design Group, Inc. -
+ Precision CNC Technology, since 1991 -
+ 612-641-1797, Fax: 612-641-8681 -
+ "I just like to build stuff" So... -
+ for CNC info, don't email me, call -
+ or email Ah-ha! directly. Thanks! -
+ www.gdic.com/ahha email: ahha@gdic.com -

5016. Re: HF Amateur Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <53rqfp$13h@anomaly.ideamation.com>
Source record: 214846
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <53rd5n$mio@news.ais.net>, Carl Stevenson <carl@ais.net> wrote:

>Contesting and DXing have BOTH had their "importance" GROSSLY
>over-inflated by the "It's ONLY a hobby!" group and their self-centered
>view of the world that says "They're our bands, blah blah blah, yada
>yada yada broken record..."
>
>These gamer, "Only a hobby" attitudes will cost us our bands if they
>continue to run rampant the way they have in the last 30 years or so.

I don't know of too many people who exchange QSL cards for VHF
contacts (other than 6 meters, that is). Perhaps you'll be kind enough
to detail the numerous threats to our HF spectrum, where QSL card
exchanges are predominent.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

5017. WANTED: UHF Tranceivers

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: scott.mcquilkin@hal.apk.net
Message-ID: <HAM_MISC.63A2@hal.apk.net>
Source record: 214847

<> ATTENTION HAMS <>

USED or ReConditioned Portable and Mobile Tranceiver Radios WANTED!!!

PORTABLE: 5w, 2chnl (min), Tone Card, Antenna (Extendable/Rubber)
2 Battery Pack(s), 1-Charging Unit.

MOBILE: 25w, 2chnl (min), Tone Card, Antenna (Magnetic/RoofMount),

Unit(s) should be programable or crystallable for the 460mhz range.
- They should also include Cigarette Plug Adapter(s).

We are Offering up to $150.00 for each of these unit(s).

Anyone in LEGAL possession of this equipment should call the office
and discuss your terms with them.

====*QUALITY ASSURANCE*======[Gray Security & Investigation Services]===
!!! We see the actual | Located: 20575 Center Ridge Road, Suite 414
(o o) event unfold as | Rocky River, Ohio 44116
mm_U_mm it happens. | Contact: Agent S. McQuilkin @ (216) 333-7111
eMAIL: bz840@po.cwru.edu | *** Complete Investigations, Skip Tracing ***

... * Agency WEB Site: http://www.lawfirms-ww.com/services/security.htm

---
• Blue Wave/QWK v2.20 [NR] •

5018. re: is equipment building and repair a lost art? your comments, please.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: markl@dove.net.au
Message-ID: <845162450mnewsmarkl@dove.net.au>
Source record: 214880
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

>
>
> In article <wa2iseDz2v7s.A5M@netcom.com>,
> Robert Casey <wa2ise@netcom.com> wrote:
>
> >Right now, I'm playing around with an old early 60's AA5 AM tube radio,
> >substituting sub-mini "pencil" vacuum tubes for the standard 7 pin tubes
> >(using a heater voltage transformer to run the 12V and 6V heaters). No
> >'real' reason, other than making a radio that might have been manufactured
> >if semiconductors had not been invented, and sub-mini tubes being the
> >"next generation" of tubes for AM radios (assume that mass production of
> >pencil tubes would get the cost down).
>
> I'm trying to take a 90's approach. Just got in my box of minicircuits
> VCOs, and made a logarithmic amp from the National Semiconductor data
> sheet for one of their opamps... Together with info gleaned from KK7B's
> direct conversion receiver, a spectrum analyzer is my next project.
>
> With a VCO and a mixer, a nice 0-50 MHz VFO should take up the size of a
> pack of cigarettes, and is also on the project list.
>
> >Having fun.
>
> Some things never change.
>
> Bruce
> N6URH
> .

Amateur Radio is the place for ALL forms of radio activity, nostalgic or leading edge (well, relatively speaking anyway). As a fraternity, we should be encouraging this spread of activity.

I started in electronics when germanium transistors were hot property (literally from thermal run-away) and valves were bread and butter. I wouldn't consider using valves in a project, but I still like to see the craftmanship that was evident with the loomed wiring, component leads bent just so around the terminal posts, etc. The vintage cars of radio.

Mark.

5019. Re: Libel me, Think.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: chainsaw@tfs.net
Message-ID: <53p92i$1a2@uucp.tfs.net>
Source record: 214881

Burt Fisher <k1oik@ccsnet.com> wrote:

>Tim Smith wrote:

[snip]
>> pedaphiles, student abduction and acting in pornographic films. Burt's
>> posting of questionable image files continues in that tradition. Harmless
>> maybe...maybe not. Boston/Providence media is hungry for that kind of
>> publicity.

>Your opinion is your opinion and you are welcome to it but when you mix
>false statements into it then you are treading on thin legal ground.
>You inference that I am in any way associated with the pigs mentioned
>above is libelous.

[snip]

>Several weeks ago someone (maybe it was you because you are pretty smart
>about such things) posted a message to every sex group that "Burt
>Fisher" had a
>secret password to sex sites. I received at least a thousand responses
>to a message I did not post. My name also shows up on DeJa news as
>having posted on all those sites, even though I did not. Several years
>ago I posted a picture of me and a picture of my shack, someone made a
>near naked (and faked) picture of a woman in my shack and posted it to
>many local BBSes. It was funny I admit but I was not the poster. About a
>year ago some one telenetted into CCSnet and somehow got my password and
>posted many messages from "Burt Fisher" So when you say "The picture you
>posted..." It should be the "picture you appeared to have posted." So be
>careful what you say in public. You made this comment in public I
>expect an apology.

Burt, you draw it in on yourself. But remember that your pleas for us
to believe you're *not* a pedophile and a pornographer on the basis of
having been victim of an imposter work two ways...maybe Tim Smith
didn't really write this stuff, either. We can't prove you're a
pervert, and for the very same reasons you can't prove Tim a purveyor
of libel. An interesting and humorous symmetry exists here!

If you'd shut your yap there wouldn't be a problem...but, hey, you
like it, I'm convinced.

Always wonder why someone who professes to hold the ham community in
such disdain always includes his call in his tagline. You sure seem
to have a need to be recognized...as a ham. Something just not right
with the inconsistent messages you send. And your recent obsession
with pigs...and a call like k1oiNk...leaves a reasonable person to

wonder, don't it?

Burt, get help before it's too late.

Bob, or an imposter, sends

5020. Re: Dealing with pigs (hams).

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: Kevin Potter <us66kix@west.net>
Message-ID: <53pcde$j9d@daffy.sb.west.net>
Source record: 214882
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Hey Gary,

I have not been on HF bands for 13 years. I asked one question. I believe you over-reacted.

KP

P.S. YOU grow up.

5021. Re: Dealing with pigs (hams).

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: Kevin Potter <us66kix@west.net>
Message-ID: <53pc70$j9d@daffy.sb.west.net>
Source record: 214883
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Who whined?

5022. Re: Dealing with contest pigs (hams).

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: Kevin Potter <us66kix@west.net>
Message-ID: <53pcgs$j9d@daffy.sb.west.net>
Source record: 214884
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Thank you, Burt. I have not been on HF in 13 years, some thing have change, obviously. I appreciate the answer.

KP

5023. Re: Ham Gear for Sale....

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: mconway@mail.nantucket.net
Message-ID: <845170630.402214@ahab.nantucket.net>
Source record: 214885
Cross-posted to: rec.ham-radio,rec.ham-radio.swap,rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.swap,rec.radio.swap

Get rid of her . . .

twhite@digitrix.com (Tony White) wrote:

>>I have the following Ham Gear FOR SALE....
>>
>>Kenwood TS-450AT w/ narrow SB Filter and Heil Desk Mic. It's in
>>Mint Condition and works fine. Price: $ 750.00 + shipping
>>
>>Nye Viking Roller Inductor Tuner Model MB-V-A . Great Shape & Works
>>Fine. Price: $ 400.00 + shipping
>>
>>Henry 2k-4 Console Amp. Has new transformer. Works Great and Looks
>>just as good. Because of size this is pickup only.... Price: $ 750.00
>>
>>Reason for selling is that I just got married a few months ago and
>>either the Ham Gear or me go.

>I'm sure you'll miss her... :-) :-) :-) :-) :-)

5024. Re: SCREW THE CODE!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: carl@ais.net
Message-ID: <53pi9f$jr9@news.ais.net>
Source record: 214886

In <325E8877.2AAB@mich.com>, Jeff King <jeff@mich.com> writes:
>Carl Stevenson wrote:
>> The thing that concerns me about this insistence some people have about
>> saying "It's ONLY a hobby ..." is that some day, the FCC may just hear
>> that and listen ... when that happens, our bands are history ... there
>> is NO WAY that the regulators can justify our allocations for a hobby.
>> Period. End of story. Fact. (Ask Phil Kane if you don't believe me.)
>
>If it could be shown that the "hobby" generated sufficent revenue, and
>a real commercial lobby existed, then believe the allocations could
>be justified.

Even with 5 million hams, the amount of revenue will be modest indeed when compared to any commercial communications service. We'll never be able to generate enough economic impact to justify our spectrum allocations ... public interest value through public service activities and technical advancement/experimentation are our only chances at justifying our allocations.

>Do I think this will happen anytime soon? No. I'm still
>seeing 'hams' chasing off "digital experimenters" when they ask
>questions on some of the amateur newsgroups.

Ham radio has tried to chase off anything that smells like progress for the past 30 years ... if it doesn't involve a key and Morse code, it smells like progress to the old guard ...

>If 'ham' radio can ever drop its socialist mindset, (PROFIT = dirty
>word) we might have a chance of having a viable service that can stand
>on its own two feet.

We're never going to make a profit using our bands ... but there still remain many opportunities for technically inclined hams to develop new technologies that may, in addition to ham applications, have commercial applications ... this would be valuable use of our spectrum in the eyes of the regulators ...

We will always have to "stand on our own two feet" in the regulatory sense on the basis of providing public interest payback through public service/emergency communications and through the value of a "pool of technically savy experimenters" who contribute to the advancement of the radio art. The "It's *only* a hobby!" folks contribute NOTHING of value to the regulators who allow us access to spectrum ... zero, zip, nada ...

Carl - wa6vse
carl@ais.net

5025. Re: FCC Has My Money

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: Bernie Skoch <BSkoch@postoffice.worldnet.att.net>
Message-ID: <53pjt9$bdt@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 214887

smithson@lafayette.wireline.slb.com (Tony Smithson) wrote:
>FWIW, just got my bank statement and the FCC has already deposited my $30 so at
>least I got confirmation the envelope was received. Wonder how much longer.
>
>Tony KN4TX
>
Tony,
According to the ARRL website Newsletter update today, the FCC has
made its way through about one half the first day apps. If we
extraploate, I'd say it will be another two or three weeks, and as I
understand it, no calls will be issued until all of the first day group
of apps has been entered.
Me? I spent today out snapping pictures of Diamond Head crater to use
on my new QSL card. I'm eager too!
I hope you get your first choice!
73,
bernie
NH6I

5026. Contests can be useful while adjusting rig/ antenna

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: wa2ise@netcom.com
Message-ID: <wa2iseDz71pD.KrC@netcom.com>
Source record: 214888

I don't participate in contests myself, other than finding that contests offer a ready supply of hams for short term antenna or rig tests. Usually I'm "worth" a few points to the contesters, not a lot, but some. Also, some hard core contesters go at it all day long, and are useful signal sources for antenna adjustments.

5027. Re: is equipment building and repair a lost art? your comments, please.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: wa2ise@netcom.com
Message-ID: <wa2iseDz7205.L50@netcom.com>
Source record: 214889
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

I just finished my Sub-mini tube AM radio, and it works reasonably well. Imagine sub-mini tubes running directly off the powerline (except for the heaters have a transformer). Took an image file of the innards of this radio, and also drew a diagram as JPG files. will post when Netcom becomes stable again, their system is slow right now.

5028. Re: Libel me, Think.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: n1btq@tiac.net
Message-ID: <53po45$imt@news-central.tiac.net>
Source record: 214890

Burt Fisher <k1oik@ccsnet.com> wrote:

>>You made this comment in public I expect an apology.

I make no apologies for your lack of moderation and poor judgement. It's easy for you to blame technology and become selective as to what you take credit for or deny saying. One thing is for sure...the words of Burt are forever engraved in thousands of news servers not to mention in archives stored at www.archive.org. The "public" community assumes that you are responsible for statements made using your name, address, fancy tag line, "near naked" pictures of women and let's not forget the thousands of inflamatory sermons you've become famous for.

Libel? I think not...Why not let technology work for you instead of cry foul anytime someone touches a nerve with you. In this day, advanced caller ID, ISDN, secure routing, SNMP managed network componets and more will provide you all the auditing tools you need to find the other Burts out there (what a scary though that is)! Someone telnetting ccsnet and resolving your password and account information sounds like carelessness. If that was the case, why are you still with them?

5029. Re: Can Amatuer Radio survive ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: armond@delphi.com
Message-ID: <JTLRGgP.armond@delphi.com>
Source record: 214891

<rogerjb@ibm.net> writes:

>7) The lack of young people is starkly evident on 20M SSB. This sounds
>like a combination geriatric ward/retirement community. It is nearly
>impossible to work anyone on 20M who is not retired. This is evidence

BS

5030. Re: What a Wonderful Life.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: subs@ro.com
Message-ID: <53q26e$s8d@news.ro.com>
Source record: 214892

Burt Fisher <k1oik@ccsnet.com> wrote:

>Howard Watson wrote:

>> As the Ultimate Typical Ham (henceforth referred to as the UTH) you
>> speak with authority, AND I am willing to bet, not a small amount of
>> experience.

>How dare you use such insults at ME?
>I am anything but a typical ham.
>I am licensed since 1959.
>And you?

Hey Burt. Do us all a favor. Take that gun you keep by your bed to fend off burglars, (and pissed off hams), put it in your mouth and pull the trigger. Your wife and the ham community will be glad you did.

5031. Re: The truth about N1BTQ

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: subs@ro.com
Message-ID: <53q30r$sgl@news.ro.com>
Source record: 214893

Burt Fisher <k1oik@ccsnet.com> wrote:

>Actually I do not know much about N1BTQ. I have HEARD
>stories but I have no reason to believe they are true.
>(the stories are both very positive and slightly negative)

>I do know he does not like me and I used to make fun
>of him due to his weight. We had arguments in previous years
>that were so unimportant that I do not even recall what they were
>about but I think he attacked KA1THM but my memory is vague.

>But unlike him I will not make false charges without proof.
>Of course maybe he did not even make the false charge, maybe
>it was somewone else using his name?

>Many people have posted under my name and some still know my password.
>I tried changing it but than I forgot it.

>Boy am I dumb.

>Anyone agree?

No. Your stupid.

5032. Re: Libel me, Think.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: subs@ro.com
Message-ID: <53q2u1$sgl@news.ro.com>
Source record: 214894

This guy got his ass run off the HF bands for the same thing he's pulling here. Some guy made some threats toward him and he ran away selling his equipment. Thats why he hates hams and calls them pigs. He is a mental case and needs help. Ask his wife.

5033. Re: Ham Gear for Sale....

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: eplatt@wco.com
Message-ID: <32608f6d.7053840@news.wco.com>
Source record: 214895
Cross-posted to: rec.ham-radio,rec.ham-radio.swap,rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.swap,rec.radio.swap

Dick Flanagan <dick@merlin.libelle.com> wrote:
>> Because of size this is pickup only....
>
>Naturally you don't tell us where you live.

My guess is MO. I did a whois on his .org address, and they are based
in Rolla, MO.

>Me thinks you married unwisely. :^)

Me agrees..

5034. Re: Dealing with pigs (hams).

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: Kevin Potter <us66kix@west.net>
Message-ID: <53q25a$s14@daffy.sb.west.net>
Source record: 214896
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Well, Mr. Schwartz has not answered, this must be another 'hot contest' weekend with the wife & kids at the door of the shack wondering when he'll come out.

Now that's living.

"Just push my dinner thru the slot in the door."

5035. Re: number of hams,cost to run amateur radio in uk

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: Ian Wade <ian@dowrmain.demon.co.uk>
Message-ID: <UAhrGLAp0JYyEwj9@dowrmain.demon.co.uk>
Source record: 214897
Cross-posted to: uk.radio.amateur,rec.radio.amateur.policy,rec.radio.amateur.misc

In article <325fb58e.4027772@news.demon.co.uk>, ian g3zhi
<bert@skypilot.demon.co.uk> writes
>ra chief executives g8hjh jim nortons pay+bonus

Thank you for sharing this with us.

Point a: It's unreadable, like most of your articles, because you don't
understand what carriage return means.

Point b: It has at least one factual error in it (in addition to the
smelling pistakes).

Perhaps you would care to re-format the article, correct the error, then
tell us exactly what *is* your point?

73
Ian, G3NRW

5036. WANTED:4CX1500B tube data

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: per olav voje johansen <perolav@axp1.pmddata.no>
Message-ID: <53q6r3$8th@nic.global-one.no>
Source record: 214898

Does anyone have the typical and maximum operating data for the
4CX1500B tube ? Would be very grateful if you could post them to me !

Per, LA9DAA

5037. Re: ~FCC closes down all 12 monitoring stations

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: FM BENTON <fmbenton@ix.netcom.com>
Message-ID: <3260BEBA.453F@ix.netcom.com>
Source record: 214899
Cross-posted to: rec.radio.amateur.misc,rec.radio.cb,alt.radio.pirate,rec.radio.scanner

Eric Helms wrote:
>
> In article <01bbb538$656f2740$9b070ccf@jim-reid-1>, "Jim Reid"
> <jreid@aloha.net> wrote:
>
> I know that many people think that the FCC was and continues to be a royal
> pain in the _ _ _ but I for one will miss some of the support that was
> received from the FCC in the past.
>
> As society becomes more and more dependant on using the RF spectrum as a
> vehicle for communication and other activities, we need to ensure that the
> frequency spectrum is MANAGED in such a way that all of us may use it in
> one way or another. Key word is manage, which to me means the focal point
> for activites. What kind of activies am I talking about?
>
> I gave up on CB about 6 months after the FCC killed the license
> requirement for that activity. The activities I encountered while
> listening/participating (at the time I was stationed in Hawaii) were rough
> to say the least. (Linear amps with sideband splatter 3 channels either
> side of the base carrier.) Perhaps I will get my ham license someday,
> provided that it too doesn't go away.
>
> As a boat owner, I carry a hand held Marine VHF. The FCC has done in the
> majority of the license requirements for operation of Marine VHS as well.
> I can't wait to hear how out of control that band will get, considering
> that Marine VHF is often used for life support activites.
>
> The Livermore, CA monitoring facility (one of the ones which is becoming
> automated) is less than a mile from our RC aircraft flying field. We have
> obtained the assistance from the FCC staff at that facility to help
> resolve issues with RFI problems several times in the past. Where are we
> going to get real time assistance in the future? Philly?
>
> Questions for all; Why are these facilities shutting down? Why has the
> operations budget been reduced to a point where they can no longer do the
> job as defined by the charter? What is the impact going to be on all of
> us?
>
> Eric Helms
> engineer@ccnet.com
>
> --
> Actually since Radio is no longer a public service the FCC really has no

reason to enforce anything! Radio is simply a marble for the big boys to trade!

5038. Re: The truth about N1BTQ

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: n1btq@tiac.net
Message-ID: <53ql2l$9n8@news-central.tiac.net>
Source record: 214900

Burt Fisher <k1oik@ccsnet.com> wrote:

>>I do know he does not like me and I used to make fun
>>of him due to his weight. We had arguments in previous years
>>that were so unimportant that I do not even recall what they were
>>about but I think he attacked KA1THM but my memory is vague.

Tell us something we don't know. Matt and I resolved our misunderstanding
five years ago. Cheap shots at weight? Your stabs are just as amusing as they
were 10 years ago...

5039. Re: FCC Has My Money

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: terry murphy ab4vj <cq@postoffice.worldnet.att.net>
Message-ID: <3260DCE3.2EF8@postoffice.worldnet.att.net>
Source record: 214901

Tony Smithson wrote:
>
> FWIW, just got my bank statement and the FCC has already deposited my $30 so at
> least I got confirmation the envelope was received. Wonder how much longer.
>
> Tony KN4TX
According to the FCC office last Friday, they are sticking to their
previously announced time table..."a least another two weeks" somewhere
about Nov.1

Waiting with the other 5000!
ab4vj..
--
Terry Murphy Amateur Radio Call AB4VJ email: cq@worldnet.att.net
Proud Member of Franklin County ARC-ARES ab4vj@juno.com
http://www.RTPnet.org/~fcarc/ MircNick: TarHeel

5040. Re: Not a wonderful life, no life.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: Jason Charles <103274.1043@compuserve.com>
Message-ID: <326097B5.533E@compuserve.com>
Source record: 214902

Burt Fisher wrote:
>
> Howard Watson wrote:
>
> > but since most, if not all, your recent posts seem inclusive of all
> > hams I could just as easily ask you the same question.
>
> I never meant my posts to apply to ALL hams, just almost all.
> I should make that clearer.
>
>
> > Personally, I do NOT believe you are half as bad as you make out to
> > be. I do not pretend to know what your motivation for these attacks
> > are, although I could make some educated guesses. If I am right, I
> > would be happy to discuss it in E mail. I would even give my word NOT
> > to blow your cover if it should turn out that you are really a nice
> > person, if that is what you wish. <G>
>
> My motivation is to do the impossible, to get hams to think.
> There are some people that think I am nice, a couple are hams.
> .-.
> // ,. \\ / \ .-. .
> \\ ( ) // / \ / \ .-. _ .-. /
> \>-'`-</ /--Burt Fisher K1OIK@ccsnet.com-\---/-\---/---\-----/--
> ( )( ) \ / \ / `-' `-' \ /
>) (\ / `-' `-'
> / \ `-'
> \ /
> \/ / <----- Hams this is a female
> (<
> \ |

I will give you the benefit of the doubt, anyone that can spend as much
time posting things like this can't be all bad :)

Jason

5041. Re: The truth about N1BTQ

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <53qljg$18r@anomaly.ideamation.com>
Source record: 214903

In article <53q30r$sgl@news.ro.com>, Casey <subs@ro.com> wrote:

>No. Your stupid.

Next time you call someone stupid, you might want to spell "you're"
right. Otherwise it undermines your argument.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

5042. Re: Ham Gear for Sale....

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: j_r_w@pipeline.com
Message-ID: <53qq5l$agd@camel1.mindspring.com>
Source record: 214904
Cross-posted to: rec.ham-radio,rec.ham-radio.swap,rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.swap,rec.radio.swap

mconway@mail.nantucket.net (N1XYY) wrote:

>Get rid of her . . .

>twhite@digitrix.com (Tony White) wrote:

>>>I have the following Ham Gear FOR SALE....
>>>
>>>Kenwood TS-450AT w/ narrow SB Filter and Heil Desk Mic. It's in
>>>Mint Condition and works fine. Price: $ 750.00 + shipping
>>>
>>>Nye Viking Roller Inductor Tuner Model MB-V-A . Great Shape & Works
>>>Fine. Price: $ 400.00 + shipping
>>>
>>>Henry 2k-4 Console Amp. Has new transformer. Works Great and Looks
>>>just as good. Because of size this is pickup only.... Price: $ 750.00
>>>
>>>Reason for selling is that I just got married a few months ago and
>>>either the Ham Gear or me go.

>>I'm sure you'll miss her... :-) :-) :-) :-) :-)

Love is blind, and they say marrage is an instution, but who wants to
live in an instution for the blind!
N3WMT

5043. Re: Ham Gear for Sale....

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: w9sz@prairienet.org
Message-ID: <53qrdb$674@vixen.cso.uiuc.edu>
Source record: 214905

In a previous article, j_r_w@pipeline.com (John West) says:

>mconway@mail.nantucket.net (N1XYY) wrote:
>
>>Get rid of her . . .
>
>>twhite@digitrix.com (Tony White) wrote:
>
>>>>I have the following Ham Gear FOR SALE....
>>>>
>>>>Reason for selling is that I just got married a few months ago and
>>>>either the Ham Gear or me go.
>
>>>I'm sure you'll miss her... :-) :-) :-) :-) :-)
>
>Love is blind, and they say marrage is an instution, but who wants to
>live in an instution for the blind!
>N3WMT
>

Inter Caecos Regnat Luscus

- Zack W9SZ
--

5044. Re: What a Wonderful Life.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-13 00:00:00 UTC
From: subs@ro.com
Message-ID: <53q1rl$rt5@news.ro.com>
Source record: 214906

Burt Fisher <k1oik@ccsnet.com> wrote:

>Gary (smartass)Newberry wrote:

>> BTW It's very interesting that you attempt to demean most of your
>> fellow hamsters and their relationships with females, yet I see you
>> are a very voracious poster to alt.support.divorce. Could you still be
>> *smarting* from your own relationship with a female(s) that went sour
>> ? This couldn't be a case of the pot calling the kettle black could it
>> Burt ?

>I have been MARRIED for nearly 18 years.
>I am helping those divorced not to REPEAT the mistakes.

> .-.
> // ,. \\ / \ .-. .
> \\ ( ) // / \ / \ .-. _ .-. /
> \>-'`-</ /--Burt Fisher K1OIK@ccsnet.com-\---/-\---/---\-----/--
> ( )( ) \ / \ / `-' `-' \ /
>) (\ / `-' `-'
> / \ `-'
> \ /
> \/ / <----- Hams this is a female
> (<
> \ |
No, you just like sticking your nose in other peoples business. One
day someones going to knock your nose off.

5045. Re: CW Forever

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: Jim Conn <jconn@gte.net>
Message-ID: <326288E8.98A@gte.net>
Source record: 214757

Carl Stevenson wrote:
>
> Virtually ANYTHING is more effective than OOK Morse code ... I have
> posted to that effect, so have Gary, Cecil, Len, and numerous others

What a ridiculous statement! I don't care how many people post it, your statement is patently ridiculous, and flies in the face of the experience of those of us who consistently work DX using CW, when SSB is not getting through because of poor band conditions! What a crock!

Jim - AD4VL

5046. Re: SCREW THE CODE!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: Jim Conn <jconn@gte.net>
Message-ID: <326285F3.46BA@gte.net>
Source record: 214758

Carl Stevenson wrote:
>

> Ham radio has tried to chase off anything that smells like progress for
> the past 30 years ... if it doesn't involve a key and Morse code, it
> smells like progress to the old guard ...
>

Total nonsense. Same old hackneyed rhetoric and disinformation. Absolutely untrue. He offers not a shred of proof to support this wild charge.

> We will always have to "stand on our own two feet" in the regulatory
> sense on the basis of providing public interest payback

Ham radio is a hobby with a public service aspect. Hams have, over the years, consistently proved their value through disaster after disaster. That public service will continue. Meanwhile, in between disasters, ham radio experimentation, contesting, dxing and rag chewing keep us involved and our skills sharp so that when we are needed, we will, once again, be ready. Perhaps we are not indispensable these days, but fortunately, we do not have to be indispensable to be invaluable to the authorities as volunteers in emergencies and in support of public events.

Jim - AD4VL

5047. 3000+ Vintage Manuals Available at sarrio.com

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-1410962316100001@host37.cyberg8t.com>
Source record: 214759

If you need a source for vintage radio manuals Ham/scanner/military/and commercial visit "The Raymond Sarrio Company" web site at

http://www.sarrio.com.

I have over 3000 manuals listed on-line. I can normally get manuals shipped within 2 business days, and I guarantee 100% customer satisfaction. 73's Ray
--
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront and web site developer. Located at http://www.sarrio.com.

In association with Brillar Enterprises http://win-win.com/brillar provider of discount CD-Roms!

5048. Re: What is HAM

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: shendo@access-one.com
Message-ID: <tcpnntpd.16.10.14.22.54.54.3046360759.1381482@access-one.com>
Source record: 214760

KD>mossmann frederic wrote:
KD>>
KD>> Hello...
KD>>
KD>> NO NO NO, it's NOT a joke...
KD>>
KD>> I'm a french HAM [F1UIH] and I want to know something...
KD>>
KD>> What is HAM ???
KD>>
KD>> H.A.M. ???
KD>>
KD>> OK, it's a stupid question for you, but I ask many french HAMs, and...
KD>> "Euhhh... It's Radio-Amateur..."
KD>> "But why H.A.M."
KD>> "Because... euhhh... I don't know"
KD>>
KD>> [not found in the rec.radio.amateur.misc FAQ]
KD>>
KD>> Thank you... 73 from France...
KD>>
KD>> Frederic Mossmann - Strasbourg - France - F1UIH

KD>i was told there was a magazine around 1908 called Home Amateur Mechanic.
KD>hope this helps.
KD>73 steve

No...HAM is the first letters of the 3 people whom began the radio
testing (i had it on disk but i erased it) so I am unable to tell you
their names. but HAM came from the first letters of the 3 mens last
names.

Mark
WL7LZ

5049. Re: Sodomized by the FCC & Mellon Bank

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: shendo@access-one.com
Message-ID: <tcpnntpd.16.10.14.22.50.14.3046360759.1381480@access-one.com>
Source record: 214761

AN>In <53fhdg$p9a@emf.emf.net> randyk@emf.net (Randolph Kielich) writes:
AN>>
AN>>
AN>> I went to my post office today to check on my mail. I
AN>wondered
AN>>what the heck a large fat letter from the FCC was doing in my box.
AN>>After I looked at the address I knew I was in for a living nightmare.
AN>>
AN>> Beyond all boundaries of comprehension and thought, my 610-V
AN>>form for my 1 by 2 call sign was returned to me with a letter of
AN>>"Dismissal". I started talking out loud to myself in the Post Office
AN>>i.e. "Dildos"! God damn ignorant, incompetent, bungling "Dildos"! I
AN>knew
AN>>I had been 'Sodomized' by the FCC & Mellon Bank and possibly the
AN>>Post Office itself as well, and I was right.
AN>>
AN>> If you think or believe that I am just one of the 'rare' few
AN>to
AN>>be 'Sodomized' just wait as the real fun has not even begun in earnest
AN>>yet.
AN>>

AN> Whine - whine - whine. Sodomized? Dildos? Me thinks Randy uses
AN>typical Berzerkely language without the slightest idea of meanings!
AN>And it's typical of Berzerkely heads to attack, attack first without
AN>admitting any possibility of self-wrong. Your "fun" is over, Randy.
AN>Time for you to sulk petulently in quiet remorse.

AN> That's the way it is, folks.

AN> W6ANV in San Francisco

Probably means ALL his choices for a 1x2 were rejected. Better send yet
another list.
Jees....

5050. Re: Is equipment building and repair a lost art? Y

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: shendo@access-one.com
Message-ID: <tcpnntpd.16.10.14.23.28.8.3046360759.1381502@access-one.com>
Source record: 214762

Working on equipment has been a lost art for hams for sometime. One reason is most dont want to do it and the second is the new circuit paths are so tiny most cant do it. ie circiut paths on HT boards if a small drop of solder hit it it would bridge about a dozen or more paths.

I enjoy working on my gear. My IC-735 was dropped during shipping and want insured for the amount that I bought it from the buyer. So I decided to look into the problem myself.

1. The VFO was not responding to the turn of the axle.

ICOMS labor is 65.00/hr. I cant afford that. So I decided that I would send it to Icom only if I for my monies worth and I screwed it up. :)

I opened the rig up and removed the VFO xle assembly. The light encoder / reciever for the VFO knob inside the brass axle case was smashed with the circuit board for the light encoder unit. The circuit paths were not that complex so I dug out my Etching solution and reetched another circuit board. Not as neat as Icoms circuit paths but the same fasion. I desoldered the parts from the broken board and resoldered them to my new board. Reassembled the axle and it worked.

Nothing major ..... but I was happy and saved me a bundle of money and heartaches. That was 4 years ago. I have fixed all my gear except one....and that I sent to Icom. It needed a EXPERT going through with good test equpiment. Its a early make IC32AT dual bander. Early EARLY 3 digit serial number. I dont have the test equipment to fix it. Soo this one will go off to the company.

I fix radios for my friends all the time now. I charge nothing except for parts....and thats at no profit.....I pay 12.00 they pay 12.00 nothing gained. Only thing I ask is they watch me fix it...so they learn a little out of it. If they dont want to watch me then thats ok too.

I work on both HAMS and CBs for folks. Most of the CBrs I have helped are now ham operators. I enjoy elmering too.

Anyway 73 to all
Mark WL7LZ

Shendo@access-one.com

Welcome replies....good and bad.

5051. Re: looking for a list of nets

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: AC6V <ac6v@ix.netcom.com>
Message-ID: <3262520C.3EC2@ix.netcom.com>
Source record: 214763

Allen wrote:
>
> I used to catch a trivia net on i belive it was 80m ...and i cant
> remember the frq. (too much rf in the shack.. hi...) does someone on
> the web maintain a list of hf nets ? ? tnx
>
>
> Take care 73, Allen KB6PQG allenm@rain.org

Hi Allen. Well I'm working on a list of nets on the DX Refernece Page
below. Pass along any others if u would please.

73
Rod in San Diego
--
AC6V DX Reference Page at: http://www.netcom.com/~ac6v/index.html

Hark for I have hurled my words to the far reaches of the earth!
What King of old could do thus??
..... AC6V

5052. Re: Can Amatuer Radio survive ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct14.170638.3623@ke4zv.atl.ga.us>
Source record: 214764

In article <53o7dk$5qd@nntp-3.io.com> kk5dr@io.com writes:
>Will it be alive, as we know it, in 10-20 yrs.? Your opinions please.

Depends on what you mean by "as we know it". If it remains the backward looking old man's *hobby* it has become, I think it will be mostly gone in 20 years. But if we can reinvigorate the service and bring it back to its charter purposes as a self-directed experimental laboratory and training ground for our future technologists and communications specialists, I think it will be going strong in 20 years.

Sadly, too many of today's operators are so far from the cutting edge of communications technology they can't even see it. Rather than eagerly exploring and adopting newer techniques more relevant to today's technical needs, too many are fighting a rearguard action to keep new methods and ideas out of amateur radio. That's directly in opposition to the reason the amateur service was created.

To a large extent, amateur radio was intended as a job training program, IE to create and maintain a ready pool of operators skilled in the radio arts. It does little good to train old men, and even less good to train them in obsolescent technique. The amateur service needs to get lots younger over the next 20 years, as it was in earlier times when large numbers of amateurs were in their teens and early twenties. And the techniques it needs to emphasize are those of most modern application in the communications field, IE those which remain in demand *outside* of amateur radio.

Amateur radio was intended to advance the radio arts, but today the advances in the radio arts are primarily digital and often revolve around networking. Some amateurs have contributed to that advance, but too many have fought it. That too needs to change.

Almost uniquely, US amateur radio has a public service and emergency communications charge missing from the international definition of amateur radio. (In fact the international regulations forbid the third party messages essential to public service and emergency communications.) While many amateurs still want to hang their hats on these applications of amateur radio, their importance is waning as other communications technologies pass by those of the average amateur, IE much of what the average amateur can do is no longer relevant to the communications needs he is charged to serve. That must change also.

If amateur radio remains as we know it, it will be gone, and likely properly so because it no longer lives up to the purposes for which it was created.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

5053. Code or No Code...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: bgeiger@yhc.EDU
Message-ID: <01BBB973.E6AB8A80@yhc.yhc.edu>
Source record: 214765

I posted the original article, and maybe I should clarify what I said. =
As far as the "morse is the most readable" claims, I don't have any =
proof, but I still believe it from my own experience. Again, I am only =
a tech-plus, but of the modes I have seen, morse is *the* most readable. =
I have used morse, AM, SSB, FM, VHF Packet, and I have listened to (and =
successfully copied) HF Packet and other modes...(not necessarily on ham =
radio, some on CB, but LEGALLY!!!) I have much extreme QRM and QRN due =
to my low antennas and local (illegal) CBers. =20

And in regards to my claim as to hams having to "work" for their =
licenses... my only excuse is that that message was written at 3 AM... =
I agree with Mr. Stevenson about the technical knowledge. Maybe I was =
referring to those people who try to get a high level license by simply =
reading one or two books and knowing code(which I still support). Let =
me rephrase my original statement: Hams should not be able to get =
priveleges without having the requisite knowledge, and actually KNOWING =
the material, instead of memorizing answers. It's 3 AM again, so I'm =
not thinking straight, but I reread my statements and have confirmed =
them.

Here we go again. The offer for fried spam still stands.

Benjamin Geiger, KE4EUJ
"Don't engage in a battle of wits with an unarmed person..."

5054. Re: Dealing with pigs (hams).

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3262DA05.AB2@ccsnet.com>
Source record: 214766
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Gary Schwartz wrote:
>
> You started this thread by calling contesters pigs....

I did that not the person you addressed the message to.
Contesters are PIGS!
Contesters are PIGS!
Contesters are PIGS!
Contesters are PIGS!
Contesters are PIGS!
Contesters are PIGS!
Contesters are PIGS!

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#================#===#
| k1oik@ccsnet.com |
#===#
If you try to milk too much, you won't get a drop
Samantha Fisher

5055. Re: Dealing with pigs (hams).

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <53sbar$2e1@lehi.kuentos.guam.net>
Source record: 214767
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Kevin Potter <us66kix@west.net> wrote:

>Well, Mr. Schwartz has not answered, this must be another 'hot contest'
>weekend with the wife & kids at the door of the shack wondering when
>he'll come out.

>Now that's living.

>"Just push my dinner thru the slot in the door."

And what do you do for fun with amateur radio Kevin ? Put on your name badge, grab your HT, and run down to the club meeting and have a coke with the 'boys' ?

Or do you just stay home in the basement and bang on the keyboard to criticise everything you don't like ?

73, Jim KH2D

5056. Re: SCREW THE CODE!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: carl@ais.net
Message-ID: <53s27b$768@news.ais.net>
Source record: 214848

In <53ln1m$40d@freenet-news.carleton.ca>, dg198@FreeNet.Carleton.CA (Frank Sved) writes:
>> usefull one, but nothing more." ???
>>
>> The thing that concerns me about this insistence some people have about
>> saying "It's ONLY a hobby ..." is that some day, the FCC may just hear
>> that and listen ... when that happens, our bands are history ... there
>> is NO WAY that the regulators can justify our allocations for a hobby.
>> Period. End of story. Fact. (Ask Phil Kane if you don't believe me.)
>>
>> Carl - wa6vse
>> carl@ais.net
>>
>>
>>
>Carl,
> First things first. Who cares about the FCC?

We ALL had BETTER care about the FCC ... they make the rules (at the behest of the ARRL much of the time, unfortunately) and they control our access to the spectrum ... if we don't "live up to their expectations" based on the purposes and justification for establishing the service (see Part 97), they can (and will) pull the plug on us ... and there are LOTs of other users who would love to have "our" bands ... they'd even be willing to pay billions of dollars for them at auction, given an opportunity to bid.

>Second, I
>understand that Amateur Radio can play an important role as a service.
>(hence the I agree with ...). However it is primarily for enjoyment.

You keep insisting this, but I'll bet you a buck that you can't find a single statement to that effect in Part 97 ... and (here in the US) Part 97 is ALL that counts WRT defining the purpose of ham radio ...

What I've been preaching is that hams (contesters, DXers, etc.) have perverted their own view what's enjoyable to them into *their idea* of the purpose of ham radio to the point where it no longer resembles the true (statutory) purpose ... this is dangerous, because if we don't fullfill our true, statutory purpose, we're not keeping our end of the bargain and stand to lose our frequency allocations to someone who will keep their part of the bargain (and pay a lot of money for it, too).

>Again you can't make a living at it. It's not proffessional. I don't
>mean to demean the purpose and role of radio at all. It is extremely
>important to me, but I won't go shoving it down people's throats that it
>is an essential service.

You'd better hope that the FCC continues to think we're essential ... or we're screwed ...

> What scares me about saying it is a service is that people who are >just having fun on radio will get pushed aside for service renderers. You >know, "HEY THIS FREQS FOR A NET FOR BLA BLA BAL SO STAY OFF THANKS."

Depends on the purpose of the net ... if it's a bonified emergency net (not weekly ARES/RACES "roll-call" ...) it DESERVES the frequency, hands down, no question. I have personally heard numerous instances of bonafied emergency communications being jammed deliberately by a small group of crochety old farts who refused to temporarily abandon their rag-chew because "they (the crochety old farts) were there first and you (the people trying to handle emergency traffic) don't own the frequency" or some similarly lame excuse for being lids.

I can envision the need in the future to prioritize our use of our spectrum ... if we don't provide the services that are expected of us because "we're too busy having fun" we'll fail some future evaluation miserably and lose our frequencies to someone who will make better use of them.

We have to start accepting the concept of assigning some "value" or "figure of merit" to various activities, because the regulators WILL ... they'll value us on something like:

Value_of_ham_radio = val(activity_A)*users/MHz + ...
val(activity_B)*users/MHz + ...
val(activity_C)*users/MHz + ...
val(activity_n)*users/MHz

Some activities, while FUN, may still have very low public interest (where interest is like in self-interest as in "what's in it for me?") "value" to the regulators (contests, DXing, and collecting 10-10 numbers come to mind as acativities which would likely fall into this category ..) other activities like emergency and other public service communications will have a much higher "value" to the regulators ... Experimentation and technical investigations aimed at advancing the radio art and improving either the amateur community's knowledge base or effieciency in use of the spectrum (or both) would rank high with the regulators.

While contesters, DXers and 10-10 members may have a hell of a lot of fun "doing their thing", the have to grow up and be adult enough to realize those were not the things that were foremost in the minds of the regulators when they decided that ham radio had enough public interest value to allocate us all of those valuable bands.

As I wrote this, I had forgotten that you're Canadian ... I suspect that with your smaller population and lower population density there may not be quite the same level of pressure on the spectrum (at least in much of) in Canada ... here in the US it's fierce, and the regulators are VERY enamoured with the spectrum auction ... it saves them the trouble of figuring out what's the "best use" (on the {sometimes false}

presumption that the "best use" will command the highest bid)
and it has already raised BILLIONS of dollars of revenue for the
government ...

Carl - wa6vse
carl@ais.net

5057. Re: White House remarks about new internet??

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: billsohl@planet.net
Message-ID: <53sacn$l59@jupiter.planet.net>
Source record: 214849

emtp4355@aol.com (EMTP4355) wrote:

>On 10/10/96 a press release from the White House, talking about the new
>internet initiative, refers to not enough commercial bandwidth being
>available fo future plans. Being a new ham can anyone tell me if this
>remark could have anything to do with the proposed lose of 2m and 70cm
>from the amateur bands. I have a complete copy of the statement if you
>would like to see it. However, it is very long.

I doubt that the bandwidh reference had any relationship to
the radio spectrum at all. The comment most likely is
in reference to commercial digital bandwidth being available
on a fibre optic and/or other hard transmission systems.

Just my thoughts.

Bill Sohl K2UNK
ARRL Local Gov't Liaison, Mt. Olive Township, NJ

5058. F.S. KENWOOD STATION

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: WPUL1130@CONCENTRIC.NET
Message-ID: <32639a99.43941870@NEWS.CRIS.COM>
Source record: 214850

F.S. Kenwood 520S, Antenna Tuning, Mic, 4 mobile antennas, manuals
wnat ICOM R-70 or 71 or best cash deal.
Thanks
Lloyd Scott
wpul1130@concentric.net

"Where Destructive Maintenance Is Our Most Important Product"

5059. Re: Dealing with pigs (hams).

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: garyk9gs@solaria.sol.net
Message-ID: <53sfsp$ouo@hummin.sol.net>
Source record: 214851
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Kevin Potter (us66kix@west.net) wrote:
: Hey Gary,

: I have not been on HF bands for 13 years. I asked one question. I
: believe you over-reacted.

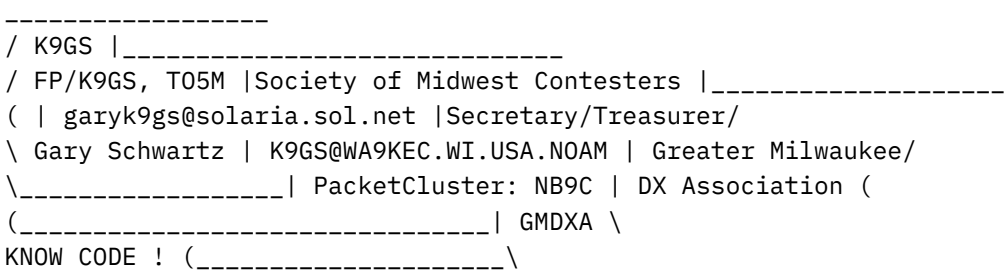
Well Kevin, that explains a lot. If I had just crawled out from under a rock after thirteen years I would also find the HF bands to be a different place. If indeed you are whining about the QRM that contesters supposedly create, maybe you should think about upgrading your 13 + year old radio for something built in the last few years.

Furthermore, I don't think I over-reacted. In fact, after you posted your most recent followup, I think my reaction is entirely justified. I would be willing to bet that contesters and non-contesters alike think that your categorization of hams that contest as being "pigs" is a bit much, especially from someone that has had their head in the sand for at least the last thirteen years.

: P.S. YOU grow up.

You started this thread by calling contesters pigs....

--
73,
Gary K9GS



5060. Re: Ham Gear for Sale....

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: billsohl@planet.net
Message-ID: <53sa3r$l59@jupiter.planet.net>
Source record: 214852

farmboy@rollanet.org (Jim Roberson) wrote:

>I have the following Ham Gear FOR SALE....

Stuff for sale deleted for brevity...

>Reason for selling is that I just got married a few months ago and
>either the Ham Gear or me go.

To each his own, but when I read stuff like this I have to wonder
about what kind of relationship someone has entered. I play
around with antique cars, ham radio, and model trains but my
spouse has never even suggested I give any of it up. I can
be sympathetic if a spouse that is a ham doesn't know how
to balance his/her ham interests with other commitments (family, job
and others), but if the case is give up the hobby or you go
then (IMHO) there's something wrong here.

Anyway, just my thoughts, your mileage may vary :-)

Bill Sohl K2UNK
ARRL Local Gov't Liaison, Mt. Olive Township, NJ

5061. Re: Dealing with pigs (hams).

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: garyk9gs@solaria.sol.net
Message-ID: <53sgce$ouo@hummin.sol.net>
Source record: 214853
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Kevin Potter (us66kix@west.net) wrote:
: Well, Mr. Schwartz has not answered, this must be another 'hot contest'
: weekend with the wife & kids at the door of the shack wondering when
: he'll come out.

: Now that's living.

: "Just push my dinner thru the slot in the door."

Oh, now Kevin presumes to know what's going on in my home this weekend.
It just so happens that I spent the weekend with the family going to
soccer games, carving pumpkins and doing things around the house.

What did you do this weekend Kevin? Sit in front of your computer waiting
for me to reply? I think you need to get a life.

By the way, what IS your callsign?

--
73,
Gary K9GS

____
/ K9GS |_____________________________
/ FP/K9GS, TO5M |Society of Midwest Contesters |_____________________
(| garyk9gs@solaria.sol.net |Secretary/Treasurer/
\ Gary Schwartz | K9GS@WA9KEC.WI.USA.NOAM | Greater Milwaukee/
___________________| PacketCluster: NB9C | DX Association (
(_________________________________| GMDXA \
KNOW CODE ! (_____________________\

5062. Re: Dealing with Contests

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: garyk9gs@solaria.sol.net
Message-ID: <53sir3$ouo@hummin.sol.net>
Source record: 214854

Jim Kehler (pacrimgolf@kuentos.guam.net) wrote:
: rogerjb@ibm.net wrote:

: >In <53mpme$1u0@eri.erinet.com>, hwatson@erinet.com (Howard Watson) writes:
: >>This is one area in which I would agree with Burt. At the very least,
: >>restrict each contest to ONE band each contest.
: >>Howard B. Watson Jr. - N3TNQ - hwatson@erinet.com - Springfield, OH
: >>

: >Or better yet, restrict them to certain frequency segments of each band.

: >Roger J. Buffington
: >W6VZV
: >rogerjb@ibm.net

: >USC Law School, Class of '97

: That will never work, Roger. Kind of like trying to restrict people to posting
: messages in only one newsgroup. But this thread is interesting in the fact
: that apparantly some hams dislike contests as much as some other hams
: dislike CW. Maybe nobody likes EVERYTHING about ham radio ?

: Personally, I like contests. But I hate packet, especially on HF. And I hate
: DX nets. So I guess I should start a campaign to restrict DX nets and HF
: packet ? Or maybe my current plan is better - I just avoid the frequencies on
: which those two activities occur. I thought the digital satellites were a real
: waste of time too, I fixed that problem by taking down my satellite antennas.
: Can't hear them anymore.....

: Major contests never have SSB and CW on the same weekend, so instead of
: figuring out ways to ruin the peoples fun who enjoy contesting, maybe we could
: figure out ways to aviod them - play with SSB on the CW contest weekends, and
: play with our favorite digital mode on the SSB contest weekends ?

: The other thing I have noticed, Roger, that seems to be similar between contests
: and CW, is that it seems like people who dislike contests the most never tried
: one.....

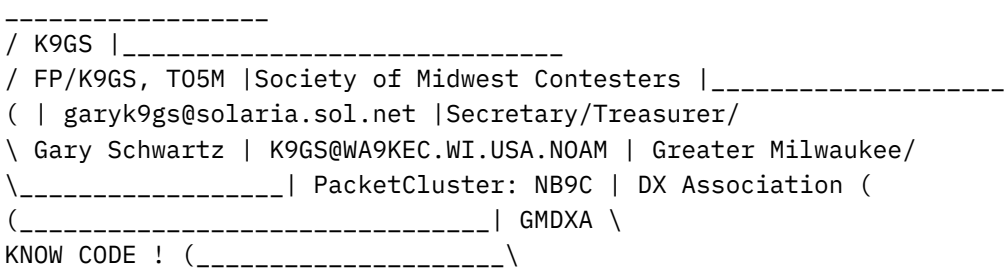
: 73, Jim KH2D
: Burtonsville Reform School, Class of '68

Well said Jim! I couldn't have said it better myself. See YOU in the
next contest!

:

--
73,

Gary K9GS


K9GS
FP/K9GS, TO5M
Society of Midwest Contesters
garyk9gs@solaria.sol.net
Secretary/Treasurer/
Gary Schwartz
K9GS@WA9KEC.WI.USA.NOAM
Greater Milwaukee/
PacketCluster: NB9C
DX Association
GMDXA
KNOW CODE !

5063. looking for a list of nets

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: allenm@rain.org
Message-ID: <3261c231.5305256@news.west.net>
Source record: 214855

I used to catch a trivia net on i belive it was 80m ...and i cant remember the frq. (too much rf in the shack.. hi...) does someone on the web maintain a list of hf nets ? ? tnx

Take care 73, Allen KB6PQG allenm@rain.org

5064. Japan Operating

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: seven@datasync.com
Message-ID: <53sk5s$p3h@osh2.datasync.com>
Source record: 214856

Hi,

I have a HAM friend who needs to know what he needs to do to operate VHF/UHF whilst in Japan on tour of duty. Do they use the same band plan? What governmental office does he contact for temporary license?

He will also be doing a short stint in Australia and would like info for same.

5065. Need help with ramsey 6-meter radio kit

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: sidener@munch.nuc.umr.edu
Message-ID: <53s2ao$39f@hptemp1.cc.umr.edu>
Source record: 214907

HI, I am having trouble with a Ramsey Model FX-50 6Meter radio kit.

Everything seems to work fine except when I transmit the final transistor (Q8) gets very hot and blows in a short time. I have triple checked all of the circuitry in the final amplifier section and there are no shorts or bad parts that I can find. If I remove the final transistor and replace it with a 100pF cap. I can get a few milliwatts out the end from the exciter transistor.

Has anyone ever had this problem? I called Ramsey and they just quote the troubleshooting section of the manual which doesn't say much.

I even injected RF where the transister should be and varied the freq. and looked at it on a spectrum analyzer out the end to see if the output network was working correctly. It seems to act as a bandpass filter just as it should.

I would appreciate any help you may be able to offer.

Thanks,

Scott Sidener N0WFL
sidener@umr.edu

5066. UHF Cavities Needed

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: marlins@mercury.interpath.net
Message-ID: <53s423$k4l@redstone.interpath.net>
Source record: 214908

The KE4ZTD Repeater Group needs a set of UHF Cavities for
449.975/444.975 or thereabouts.
We are attempting to get our 44o repeater on the air before
Christmas out here on the Outer banks of The Great State of north Carolina.
Please contact marlins@mercury.interpath.com ASAP

5067. re: question for carl and the no code group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: markl@dove.net.au
Message-ID: <845286421mnewsmarkl@dove.net.au>
Source record: 214909
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

>
>
> Carl Stevenson <carl@ais.net> wrote:
> >keinanen@sci.fi (Paul Kein�nen) writes:
>
> >>Stiffening the requirements after the morse requirement is removed is
> >>the same as admitting that today the other requirements have been too
> >>easy and that those that have received the licence in the past are not
> >>fully competent to build and operate an amateur radio station.
>
> Hi Paul,
> I've built my station from scratch. The written test I took 20 years
> ago had no bearing on my homebrew ability but having to learn the code
> was directly responsible for developing a desire to build. I never would
> have attempted to build a SSB rig as my first project but knowing code
> gave me a reason to build code gear.
>
>
>Jeff KH2PZ

I'm afraid I can't get the correlation between getting a desire to build from having to learn a code. But that's Ok, because that's what triggered you. The question is whether YOUR personal motivations should be the basis for determining licence entry conditions. If yours, why not mine, or anyone elses for that matter?

The regulations should not be decided on personal preferences, it should be on what the regulations require amateurs do do as a minimum. Personal preference comes AFTER an amateur has satisfied the minimum requiremetnts to be on air. The minimum requirements are those that an amateur is REQUIRED to continue to know and/or do AFTER the licence has been granted.

If you examine what a licencee needs to know, the examination topics then become obvious. What does the amateur have to know or do after the licence has been issued? Any thing that is REQUIRED (not preferred or liked or desired) is a valid examination topic. Anything that an amateur is not REQUIRED after being handed the licence, is not a valid topic as it does not test the licencee's knowledge of what is required.

Taking the international regulations, the knowledge of Morse is not required as an amateur does not need to know or use Morse after the exam. Secondly, internationally speaking, there are no Morse only segments in the HF bands or elsewhere. Therefore Morse is an inappropriate subject for licencing.

If there were internationally mandated Morse segments, then there certainly would be an overwhelming case for the Morse exam. The same would apply is amateurs were required to maintain a standard of Morse after the exam.

Exams should examine what is required, not what is desired,
Mark.

5068. Mitsubishi RF Power Module datasheets

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: Jan.van.Lienden@ict.NL
Message-ID: <3261F89F.3A0B@ict.nl>
Source record: 214910

Hello,

Does anybody know if the datasheets of the Mitsubishi RF power
modules like the M57727 (144- 148 MHZ, 12.5V, 37W, SSB Mobile Radio),
are available on Internet?

I have found the Mitsubishi home page but I couldn't find any
datasheets. As I have a mail-only access to the net I have to
go through a home page retrieving page by page through a mail
server which is very time consuming and nice search facilities
will not work.

Thanks in advance.
Jan van Lienden, PE1CID
email: jan.van.lienden@ict.nl

5069. Re: Dealing with Contests

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: rogerjb@ibm.net
Message-ID: <53ssod$1fd2@news-s01.ca.us.ibm.net>
Source record: 214911

In <53r0rf$oin@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net (Jim Kehler) writes:
>The other thing I have noticed, Roger, that seems to be similar between contests
>and CW, is that it seems like people who dislike contests the most never tried
>one.....
>
>73, Jim KH2D
>Burtonsville Reform School, Class of '68

Hmm. Not sure if you are referring to me or not...

For the record, I have an Extra ticket, and have logged thousands of CW
QSOs. Got nothing against CW, except that it is outmoded as something that
ought to be a *requirement* for any kind of ham ticket.

As far as contests go, I've worked my share. Not my cup of tea, but I would
be the last person to insist that they be banned. On the other hand,
contesters are more or less unique in that they inherently and systematically
seem to disregard the rights of other non-contesting hams. They will
disregard band plans, call cq right on top of other stations they can hear, etc.
It is no wonder that the amateur community would like some restrictions
placed on this form of activity.

Roger J. Buffington
W6VZV
rogerjb@ibm.net

USC Law School, Class of '97

"I want to die peacefully, in my sleep, like my Grandfather."
"Not screaming, and in terror, like his passengers."

5070. Re: 435 Reapeater in So Cal

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: richard <n6uzs@juno.com>
Message-ID: <3261F79B.CD5@juno.com>
Source record: 214912

Jay123a wrote:
>
> God Bless you Frank KEK, tell them like it is, Hose says hello.
>
> Jay.Hey Jay Frank KD6KEK doesnt have Internet access so why are you trying
to write him in a Newsgroup? Besides each time you mention 435
in this newsgroup it just get's people's blood boiling. hehe!
Ill pass the word on to KEK for you. Thanks for writing Hose.

73 N6UZS aka "Da Buzz"
PS. If Robert Casey WA2ISE is reading this don't get all excited.
Nothing controversial to read.

5071. Re: question for carl and the no code group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: Ramon Gandia <rfg.at.nome.dot.net@no.spam.please>
Message-ID: <32620939.B53@no.spam.please>
Source record: 214913
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Mark Little wrote:

>
> I'm afraid I can't get the correlation between getting a desire to build
> from having to learn a code. But that's Ok, because that's what triggered
> you. The question is whether YOUR personal motivations should be the basis
> for determining licence entry conditions.
> The regulations should not be decided on personal preferences, it should be
> on what the regulations require amateurs do do as a minimum. Personal
> preference comes AFTER an amateur has satisfied the minimum requiremetnts to
> be on air. The minimum requirements are those that an amateur is REQUIRED to
> continue to know and/or do AFTER the licence has been granted.

> Taking the international regulations, the knowledge of Morse is not required
> as an amateur does not need to know or use Morse after the exam.

Mark:
You are mostly correct, but as a matter of fact there are
CW only segments, and the ITU convention does require hams to have
knowledge of the morse code.

It says "knowledge" not ability. Therefore, the test could
be as simple as some dumb questions like
(1) What is the dot-dash pattern for the letter Q ?

(a) da-di-da-da (b) di-di-da (3) da-da-di-da (4) da-di-da

From this ultra simple thing, which would of course require that
someone know the morse code well enough to at least pick the right
answer from the four given, to a 5 WPM, 13WPM or 20WPM test lies
a vast gulf of possibilities. Clearly, for the FCC to continue
to follow the ITU regulations (and not exempt itself, which is allowed),
it need only test for code as outlined above. Simple deal. If
someone can't memorize ten numbers, four punctuation marks, a couple
or three prosigns and 26 letters, well.... but no speed or actual
copying code would be required. If this won't fly, perhaps a
5WPM test for even extra class license would be possible.

I always noted with a chuckle that while the FCC tests for CW ability,
they do not test you for being able to give a speech over a mike
before allowing voice modes. Heh heh.

On HF, the so called CW sub bands are shared with digital data modes.
In fact, CW can operate anywhere on any band, and digital only
outside the voice portion except on VHF, where there are truly
CW-only sub bands for weak signal work, eme and stuff like that.

This is not to say that some should not be created on HF (cw only that is). But I see no reason to test for ability on CW. Clearly if a ham has a no-code license that allows unlimited HF privileges, he is allowed to operate CW on the CW sub bands. Why not? If he does not know the code, he will not venture there. If he knows it, or takes an interest and learns it, why should he not be allowed to jump in without further ado, even at a faltering 4 or 5 WPM? Seems like we did the same as Novices! And made lots of CW QSO's with patient upper-class hams too!

CW is a good mode, I love it and use it. But I sure don't think cramming a code test down someone's throat is a good idea or even good for the hobby. Not in 1996 or in the 21st century just five years away now.

--

In order to foil SpamBots, my e-mail address is not machine readable. Please reply to address below:

Ramon Gandia, Nome, Alaska | rfg.at.nome.dot.net
AL7X S/V Seven Stars |
907-443-2437 fax 907-443-2487 | where at=@ dot=period

5072. Re: CW Forever

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: adell@planet.net
Message-ID: <MPG.ccbec22d5a51337989680@news.planet.net>
Source record: 214914

In article <53rpv3$2gq@news.ais.net>, carl@ais.net says...
> In <53rjgo$ipg@jupiter.planet.net>, adell@planet.net (Steve - KF2TI) Landing, NJ writes:
> >
> >In over 300 post, even when asked nicely, you have yet to mention one
> >of your super secret more effective techniques for the HF bands.
> >
>
> Virtually ANYTHING is more effective than OOK Morse code ... I have
> posted to that effect, so have Gary, Cecil, Len, and numerous others ...
> you're lying again.

I've conceded that fact long ago, but YOU still refuse to name any other of these whiz bang modes that will save amateur radio. WHY??? Because there aren't any that's why.

So come on down Carl and NAME THAT MODE. bet you can't!!

> you're pathetic.

Well, I try to be like you, my master..following the dark side of the farce.

> Carl - wa6vse
> carl@ais.net
>
>
>

--
Steve - KF2TI (Advanced Class & Damned Proud of IT!)
ARRL LIFE MEMBER

No Code or Know Code...Who Cares??
How can you be in Two Places at Once When You're
Not Anywhere at All??

5073. Re: Goodbye.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: Steve Eklund <72527.01012@compuserve.com>
Message-ID: <32626393.65AD@compuserve.com>
Source record: 214915
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.swap,rec.radio.cb

Scott A. Nelson wrote:
> >
> > Whatever happened to that novel idea of Personal Responsibility? Although I am truly
> > sorry for your misfortune, I have found that in my life, I have always been either
> > directly or indirectly responsible for each of my "accidents"... Every person plots
> > his/her own course in life...
> >
> > Should we ban cars because of drunks? How about matches because of fires, or pools
> > because of drownings? I think not.
> >
> > <<< DAN >>>
> > --
> > +---+
> > |An Armed Man is a Citizen, an Unarmed Man is a Subject.|
> > +---+I slipped and fell in the
shower a couple of years ago and I manage to
> stay clean.
>
> -- Scott --

Don't be surprised if the things you mention really does happen. These damned politicians are trying to ram more and more laws down our throats every day. All it will take is some fruitcake special interest group to donate half a million dollars to re-elect some bozo, (I purposly left it lower case because I don't want to insult some clown) and lobby for a bill that requires a professional lifeguard to be on duty and there goes your backyard pool. There are those out there that are already trying to take our cars away and the reason that they have not succeeded is that the major automobile manufacturers have more pull in Washington.

Anyway, I wish you well Ken, but instead of leaving the hobby you can always start using indoor antennas, or antennas that are ground-mounted.

73 from Steve

P.S. I heard the tail end of a news report about a 1500 foot tower falling down over the weekend. Does anybody know the full story?

5074. Re: New "code" test paramters .

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: Jim Conn <jconn@gte.net>
Message-ID: <32626287.2716@gte.net>
Source record: 214916

kk5dr@io.com wrote:
>
> I propose that we "de-emphasize the CW part of Amatuer tests, making the test a total cumulative, type test,
> where in the failure of any one element is not a total failure. I.E. The code part would count for only 30% of the
> total score, if you can pass the "theory" witha perfect 70%, yet fail the CW part , you would still pass, and if
> you got 5-20% of the CW, you would be able to lose part of the theory, and still pass the over-all total of at
> least 70% score .
> What do you think of this idea ?
> Hey, FCC, ARRL, what about it ??
> A "compromise", for the "coders & the non-coders" arguements.

Sorry, but appeasement is not the answer. Here in Florida we know better
than to feed alligators.

Jim - AD4VL

5075. Re: Ham Gear for Sale....

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: KD1YV <jimkd1yv@ix.netcom.com>
Message-ID: <326238C6.4433@ix.netcom.com>
Source record: 214917
Cross-posted to:
rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.swap

Jim Roberson wrote:
>
> Because of size this is pickup only....

> Reason for selling is that I just got married a few months ago and
> either the Ham Gear or me go.

I love that CQ t-shirt that says "My wife said if I didn't get off of the radio, she'd leave me ... over"

I'm fortunate enough to have a wife and daughters that are all involved in the hobby. We make it a great family activity, volunteering together, being involved with clubs, schools, etc.

Just my $0.01 (after taxes.)
--
73 de Jim, KD1YV

5076. Re: Japan Operating

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: AC6V <ac6v@ix.netcom.com>
Message-ID: <326252B1.252C@ix.netcom.com>
Source record: 214918

KC5WCP wrote:
>
> Hi,
>
> I have a HAM friend who needs to know what he needs to do to operate
> VHF/UHF whilst in Japan on tour of duty. Do they use the same band
> plan? What governmental office does he contact for temporary license?
>
> He will also be doing a short stint in Australia and would like info
> for same.

KC5WCP See the DX Reference page below for overseas license info.

73
Rod in San Diego

--
AC6V DX Reference Page at: http://www.netcom.com/~ac6v/index.html

Hark for I have hurled my words to the far reaches of the earth!
What King of old could do thus??
..... AC6V

5077. Re: Dealing with contest pigs (hams).

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: Robert Barron <barron@liant.com>
Message-ID: <3262563D.7DA5@liant.com>
Source record: 214919
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Rich Griffiths wrote:
> 2. HF phone contests tend to be a big problem. No other ham activities
> so thoroughly occupy and dominate a ham band as the big phone contests.
> Contesters will routinely pop up on frequencies already in use and begin
> calling "CQ contest". They resist moving, and sometimes will reappear
> within 1 kHz (or less) when they do move. QRM-sensitive modes like SSTV
> become impossible.

Calling CQ on a used frequency is not an acceptable practice, regardless
of
the activity. I agree that this happens during contests but it also
happens
outside of contests. I'd argue that this is a problem with the
individual
who does this and not contesting itself.

I was taught to listen to a seemingly clear frequency, ask if it's in
use and
only then to call CQ. Things would probably be better if everyone else
did
the same.

Now when you take skip zones into account.... yuck!

73,
Robert KA5WSS
barron@liant.com

5078. Re: Dealing with contest pigs (hams).

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: Kevin Potter <us66kix@west.net>
Message-ID: <53tnqk$ro9@jerry.loop.net>
Source record: 214920
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

>What is it exactly that you anti-contesters want? Totally QRM-Free bands?
>Good luck!
>
>I still stand by my original math.

Let's use that math & put contests on Tuesday through Thursday only. That will also test your better equipped station, your technica=
l advances & your operating skills in a different fashion not to mention.

>For a phone DX contest
>1) All bands, with the possible exception of 20M and 15M during periods of
>high solar activity, will have plenty of open space still available.

Gee, I'd like to use the bands when in real good shape, too. You're saying the contesters get the band when it's at peak performanc=
e?

>2) The CW and Digital portions of the bands will be completely unused by
>contesters.
>
>During CW contests, band congestion really is not much of a problem.
>There is always room higher up in the band.

I didn't observe this in the 70's & I don't buy it now.

>I am really at a loss as to what the anti-contesting crowd is bitching
>about. If I had to venture a guess, I'd say that they resent the better
>equipped stations, technical advances and operating skills that most
>serious contesters exhibit.

>The issue is certainly not spectrum utilization, more likely spectrum
>bigotry.

So, I'm selfish if I like the idea of one weekend out of the year with no contests on any band. Gary, Gary, Gary! Maybe you need t=
o take some of your own advice to my original one line post. Maybe you need to take the wife/girlfriend/whatever out.

I believe my post was, "Is there a weekend that does not have any contests?" So what is 'perjorative' in that post?

Just my opinion.

Kevin

AA6KV

5079. Re: Not a wonderful life, no life.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: drewbob@mit.edu
Message-ID: <53tnf1$g4l@senator-bedfellow.MIT.EDU>
Source record: 214921

Burt Fisher (k1oik@ccsnet.com) wrote:

: I never meant my posts to apply to ALL hams, just almost all.
: I should make that clearer.

But Burt, if you don't stereotype us all into one homogenous blob of "hamdom", your already-limp trolls will become total flops.

Despite occasional statements like the above, I'll bet Burt continues his unqualified stereotyping, since he's managed to learn that it's one of the most effective ways to get a rise out of people.

```
: // ,. \\
: \\ ( ) //
: \>-'`-</
: ( )( )
: ) (
: / \
: \ /
: \/ / <----- Hams this is a female
: ( <
: \ |
```

No hams, be not deceived. This is not a female. This is a lame ascii representation of a female.

drewbob aa1hx

5080. Re: HF Amateur Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: Monty Wilson <mwilson@bangate.compaq.com>
Message-ID: <Dz9r9n.K8G@twisto.eng.hou.compaq.com>
Source record: 214922
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

carl@ais.net (Carl Stevenson) wrote:
>...getting a piece of paper
>that says you and some other guy passed inflated signal reports, names,
>and callsigns? It's NOT like being the first man to set food on the
>moon for God's sake!!!

Of course, when setting a dinner table on the moon, the food is not the difficult part, the wine is. Have you ever tried to set a proper table including water and wine glasses in 12% gravity? It's all you can do to keep the tablecloth from floating up and upsetting the decanter! Not to mention the horrors of decanting the wine in the first place without mixing-in the dregs. And remember, when setting a table of food on the moon, unlike earth, the fork always goes on the right-hand side, and serving swiss cheese is very bad form.

When sending a signal from the moon, it helps to have a good earth ground!

--
.........Monty.
mwilson@flex.net

5081. Re: is equipment building and repair a lost art? your comments, please.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: wa2ise@netcom.com
Message-ID: <wa2iseDz8sHA.HsF@netcom.com>
Source record: 214923
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

In article <wa2iseDz8GM6.2tG@netcom.com> wa2ise@netcom.com (Robert Casey) writes:
>>I just finished my Sub-mini tube AM radio, and it works reasonably
>>well. Imagine sub-mini tubes running directly off the powerline
>>(except for the heaters have a transformer). Took an image file
>>of the innards of this radio, and also drew a diagram as JPG
>>files. will post when Netcom becomes stable again, their system
>>is slow right now.
>
>It's their Orange County CA dial-up that's messed up, that's all.
>Anyway, I just posted in alt.binaries.pictures.misc & 12hr & clocks
>two image files, one a picture of the modified AA5 radio using the
>sub-mini tubes, and the other image file a schematic diagram.
>This radio was missing its back, and its antenna, so I had to
>make a new loop antenna from ribbon cable.
>
Reposted the image files, first ones got munged.

>This would file under: "What If", what if sub-mini tubes were to be
>the next generation of consumer tubes (and what if transistors not
>been developed). Also assumes that the manufacturing costs of
>sub-mini's became reasonable (would happen when you make billions
>of anything, you find ways of making it low cost). As it was, only
>the military could afford sub-mini's.

5082. 'Nother Pro-code Luddite

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: carl@ais.net
Message-ID: <53ttbq$aln@news.ais.net>
Source record: 214924
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

I received a rather typical pro-code flame e-mail today that I thought I'd share with you all. (acutally, overall, my e-mail has been about 10:1 in favor of no-code, with most of the writers being holders of higher class licenses who see that the time has come for change ... most gratifying.)

This e-mail is typical (of the few pro-code flames I've received) in that the writer flames me for advocating no-code, flames me for being willing to "forget the holy past", and flames me for having the audacity to (in his mind) insult one of the olde fartz's most sacred icons, the QSL card. (You know, those holy wall-hangings which are the measure ot the "True Ham"'s worth ...)

Here's the flame and my response for your amusment and discussion:

On Mon, 14 Oct 1996 10:22:02 +1030, Scott Rosenfeld NF3I wrote:

>Your type is the most dangerous threat to the hobby - someone who
>embraces the future while being completely willing to forget the past.
>Where do you GET this stuff???

First, for the umpteenth time, it's NOT "just a hobby" it's a SERVICE with defined purpose, goals, etc. (defined by the regulators at whose whim we have access to the spectrum, NOT by what we "like to do")

I have never said that we should completely forget the past ... just that we MUST realize when it's time to move on into the future.

Hams have, historically, been, as a group, somewhat reluctant to move forward ... from spark to CW was a battle, from AM to SSB was another, now from CW to more modern modes.

Remember again, I have NEVER said that we should ban the use of CW, nor any other existing mode ... just that we need to eliminate the code test, which is the most antiquated barrier to the entry of new, tehcnically inclined people, and that we should modernize the rules and regs regarding occupid bandwidths, coding, etc. to remove unnecessary regulatory barriers to the implementation of new technology that's already happening all around us and leaving us in the dark ages by comparison.

>
>A true ham need not question the value of the QSL card.
>

Don't give me your "True Ham" crap! I realize that you think I've insulted one of your religious icons (the QSL card) ... all I said was that "collecting wallpaper" is WAY down on the list of "what's truly important in ham radio" (like below emergency communications, public service, serious technical investigations, building better networks, and on , and on ... in fact to the regulators, I'm virtually 100% sure that collecting QSL cards has absolutely ZERO value.

We HAVE to start thinking about what we do and how we act and the image we project to the public and the regulators, and it had better not be the CURRENT image of a bunch of semi-senile olde fartz sitting around banging two pieces of brass together to make di di duh duh noises to say a whole lot of nothing, and telling themselves "Wow, we're GREAT copmmunicators!"

>You need to go and read some more.

You (and those like you) need to wake up, abandon your Luddite mentality and either participate in the future of ham radio or at least get the hell out of its way.

Carl - wa6vse
carl@ais.net

5083. Re: Ham Gear for Sale....

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: levine@mc.com
Message-ID: <53ttli$qki@newsy.mc.com>
Source record: 214925

```
In article <53s8ii$531@dfw-ixnews10.ix.netcom.com>, Robert Bennett
<bdbennet@ix.netcom.com> writes:
-->In article <MPG.cc886338ade4d1f98968e@news.zippo.com>,
--> farmboy@rollanet.org (Jim Roberson) wrote:
-->
-->Are you sure you married the right woman???
-->
-->
-->>I have the following Ham Gear FOR SALE....
-->>
-->>Kenwood TS-450AT w/ narrow SB Filter and Heil Desk Mic. It's in
-->>Mint Condition and works fine. Price: $ 750.00 + shipping
-->>
-->>Nye Viking Roller Inductor Tuner Model MB-V-A . Great Shape & Works
-->>Fine. Price: $ 400.00 + shipping
-->>
-->>Henry 2k-4 Console Amp. Has new transformer. Works Great and Looks
-->>just as good. Because of size this is pickup only.... Price: $ 750.00
-->>
-->>Reason for selling is that I just got married a few months ago and
-->>either the Ham Gear or me go.
-->>
-->>Make all replys to:
-->>
-->>farmboy@rollanet.org
-->>
-->>Thanks for reading....
-->>
-->>Jim
-->>
-->
-->

What about the vow, 'till death do us part"? Then again, maybe she'll
kill you if you don't sell them!

--
/*****************************************************************
* Bob Levine *
* KD1GG/VK2GYN/7J1AIS *
* KB1BRM: Anti-Algonquin Amateur Radio League *
* Manager of Application Engineering *
* Mercury Computer Systems *
* ------------------------------------------------------------*
* Opinions expressed in this message are my own personal opinions *
```

```
* ------------------------------------------------------------------*
* Personal Web Page http://www.ultranet.com/~bob/ *
*******************************************************************/
```

5084. Re: RT SYSTEMS - HUNTSVILLE - SCREWED ME OUT OF ALMOST $80 LAST WEEK - RT SYSTEMS - HUNTSVILLE

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: DAVE ABSHIRE <D.R.ABSHIRE@worldnet.att.net>
Message-ID: <01bbb9f9$8aba96e0$814692cf@default>
Source record: 214926

Stop Bitching to all of us and tell them about it! This is about the 5th time we all seen your post with nothing but a header. So you more than likely told them the same as you posted!
"STOP CRYING" my keyboard is getting wet.

gtn <gtn@yvv.com> wrote in article <32610ce9.2417512@news.yvv.com>...
>
>

5085. Re: Ham Gear for Sale....

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: Robert Bennett <bdbennet@ix.netcom.com>
Message-ID: <53s8ii$531@dfw-ixnews10.ix.netcom.com>
Source record: 214927

In article <MPG.cc886338ade4d1f98968e@news.zippo.com>,
farmboy@rollanet.org (Jim Roberson) wrote:

Are you sure you married the right woman???

>I have the following Ham Gear FOR SALE....
>
>Kenwood TS-450AT w/ narrow SB Filter and Heil Desk Mic. It's in
>Mint Condition and works fine. Price: $ 750.00 + shipping
>
>Nye Viking Roller Inductor Tuner Model MB-V-A . Great Shape & Works
>Fine. Price: $ 400.00 + shipping
>
>Henry 2k-4 Console Amp. Has new transformer. Works Great and Looks
>just as good. Because of size this is pickup only.... Price: $ 750.00
>
>Reason for selling is that I just got married a few months ago and
>either the Ham Gear or me go.
>
>Make all replys to:
>
>farmboy@rollanet.org
>
>Thanks for reading....
>
>Jim
>

5086. Re: 'Nother Pro-code Luddite

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: carl@ais.net
Message-ID: <53u0ao$c7b@news.ais.net>
Source record: 214928
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Here's the response I got to my response to the original e-mail, ant my repsonse to that:

n Mon, 14 Oct 1996 12:27:40 +1030, Scott Rosenfeld NF3I wrote:

>I apologize for sounding so harsh, but it's NOT crap. At least much of
>it isn't crap. BTW, I intended to go back and change hobby into service
>before sending it, but by the time I got to the bottom, I'd forgotten to
>do so.

So noted ...

>
>What's wrong with being traditional?

Nothing as long as you're not so rigid and fanatic about it that you can't accept new things or improvements or be tolerant of others who want to do things in more modern ways.

We no-code advocates are NOT trying to force you guys to not use CW or to force you to use/learn/like ANY mode ... you're the ones who insist on forcing others to "do it YOUR way." That's rigid and intolerant.

>Good behavior and a penchant
>AGAINST using profanity on the airwaves are part of a tradition -
>actually, one could say that following the RULES is a part of the
>tradition as well.

I have never, in over 20 years as a ham, used a single profanity on the air. I operate courteously, and take pride in my abilities as an opeartor, including stints as NCS for some VERY busy SOCAL emergency nets during quakes, forest fires, mud slide/flood disasters, etc.

>Look at CB - they have rules, nobody cares about
>them, and nobody gets in trouble.
>

Virtually all of the no-code advocates have stated that they would welcome tougher enforcement of the rules by the FCC ... we don't like the image that the assholes on 14.313 and similar "zoo frequencies" project either ...

(yes I occasionally use the terms "asshole" and "bullshit" on the internet ... but I have NEVER used them on the air ... the internet has a different ethic with regards to profanity, expression, and freedom of speech ...)

>So maybe collecting wallpaper is useless. When someone comes into MY
>shack, or into the U of MD's shack, that is the FIRST thing they notice -
>not the radios, but a wall full of cards from all over the world,
>representing the fact that I, from that room in my house, using a
>simple piece of wire in the attic, have made contact with all of these
>places using nothing more than electricity and wire. It has a strong
>impact.

MY point is BFD ... so you've talked to ### countries with a radio ...
again BFD ... radio communcations have existed for nearly a century now
.. it's old hat ... in the early days, when it was uncommon to talk to
people in foreign countries by ANY means, radio seemed "magical" ...
today, as I type this, I can spawn other tasks and simultaneously
connect this same computer to other computers in a DOZEN other
countries. It's commonplace ... normal, not magical.

We HAVE to get over being so damned impressed with ourselves ... what we
do today WAS magical to many people 30-40 years ago ... its' totally
unimpressive to the computer wiz kid next door today ...

We've allowed ourselves to stagnate in the world of the past and we HAVE
to do some SERIOUS catching up before it's too late.

We have to once again start making some REAL progress in the radio art
.. we have to grow dramatically in numbers ... we have to adopt new
ways to use our spectrum far more efficiently ... we have to build REAL
packet networks that rival the internet in performance and outstrip it
in mobility/flexibility/survivability for use in disaster comunications.

>I do not disagree that
>
>1) We need more in the way of freedom to move into new modes of operation

OK, great ...

>2) We do need to drop the code requirement as CW is useful but CERTAINLY
> there are better criteria to use to determine ones suitability for a ham
> license.
>

OK, great ...

>I get a lot of pride out of seeing one of the people I've helped to learn
>the code passing code tests and actually using it.

Fine, nobody's suggesting that you stop teaching the willing ... or that
you stop ejoying it yourself if you do ...

>My wife is a no-code
>Tech and may someday enjoy using Morse, but I doubt it. My sister and
>her husband are also no-code Techs.
>

In my view, there is NO legitimate reason to keep them from full ham
priveleges on all bands/freqs, as long as they are technically competent

and know the necessary rules and regulations. The code is an artificial barrier that has outlived any usefulness it may have once had as a licensing requirement and it must be dropped from that role.

>Carl, remember getting that Novice license and burning up the airwaves at
>7.116 MHz late at night? Remember fighting off the QRM from the
>broadcast stations? Or working DX on 21.105 for the first time? If you
>made a fool of yourself on the Novice bands, that was OK - it was
>expected - it was a "Novice" band.
>

In my view, segregating newcomers with other necomers in the least desirable parts of the bands is counterproductive at its worst.

I hated the novice bands ... and I resented those "higher-class" hams who forced that ordeal on me ... it drove me from HF ... at least on VHF/UHF one had the freedom to not be forced into turn-of-the-century (the LAST century) "technology" ...

The arrogance of hams! I know, have worked with, or have taught, literally hundreds of technical professionals in the radio field over the years who would have made excellent hams ... and they were interested ... until they found out that they'd be forced to jump through the code hoop ... "You've GOT to be kidding?" was the typical response ...

> People call CQ on the calling frequency and don't QSY once contact is
> made.

People also lurk on the calling frequency, just waiting to jump on someone's ass if they don't QSY in less than 100 ms.

>
> People are rude and inconsiderate.

Yeah, so are the "lurkers" above ...

> People carry on QSOs in the middle of the DX windows.

There will always be lids ...nothing, not even the "mighty code filter" can eliminate them all ... in fact, statistically, it appears that the vast majority of people getting fined/revoked by the FCC are extras.

> They can't work crossmode because they can't copy CW.

So what?

>My personal, favorite strange point:

> A no-coder can own & operate a repeater that ID's on CW - and not be
> able to copy their own callsign.

So what, if the hardware's programmed correctly it'll work just fine.

Carl - wa6vse
carl@ais.net

5087. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: webbte <ted.webb@columbiasc.ncr.com>
Message-ID: <Dz9yzo.45u@ncrcae.ColumbiaSC.NCR.COM>
Source record: 214929

My Gate 1 call was issued for a new 10 year period superceeding
my older call which would have expired 5 years earlier. Since I
no longer am the owner of my previous call, my anniversary year
and renewal year are the same.

ted
w4NE (ex-AC4CS/WA4KWG)

>==========="Anthony R. Gold", 10/12/96==========
>
>In article <53ebgv$bia@news.Hawaii.Edu>
> jherman@Hawaii.Edu "Jeffrey Herman" writes:
>
>> When I changed my mailing address (about one year prior to renewal)
>> the FCC also renewed my license; it's new expiration date is in 2006
>> rather than in 1997. So it's possible that the anniversary and renewal
>> dates will coincide.
>
>An interesting theory. Can any beneficiary of a Gate 1 or 1A call
>change tell us if their new license was for a new full 10 year term?
>
>Is it Commission policy to issue a fresh 10 year license after any
>license change? It sounds just all too sensible, practical and
>paperwork saving to be true :-)
>
>If it is so, the FAQ's should be amended to explain that a license
>can indeed be renewed at any time so long as a change requiring the
>filing a Form 610 is made. Just add or remove a middle initial or
>changing the punctuation of the address should do it.
>
>Regards,
>--
> Tony - G3SKR / AA2PM email: tgold@panix.com
>
>tgold@microvst.demon.co.uk
> packet:
>g3skr@n0ary.#nocal.ca.usa.na

5088. Re: Can Amatuer Radio survive ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: carl@ais.net
Message-ID: <53u3oq$ekf@news.ais.net>
Source record: 214930

In <3261A15D.7530@mail.mei.com>, Kevin Jessup <kevin.jessup@mail.mei.com> writes:
>rogerjb@ibm.net wrote:
>>
>> In <53o7dk$5qd@nntp-3.io.com>, kk5dr@io.com writes:
>> >Will it be alive, as we know it, in 10-20 yrs.? Your opinions please.
>
>No.
>
>> Not if the CW requirement for HF privileges continues to turn the internet
>> generation away from our hobby.
>
>> 1) For most non-hams, the facination of amateur radio is the idea of
>> communicating long distances via radio in real time.
>>
>> 2) For the most part, this means HF privileges.
>
>I am sorry to say I agree with this. Certainly majority
>rules in this hobby.

What makes you think this (that majority rules in this hobby)????
Please elaborate for the sake of discussion.

>
>It seems that regardless of the code vs no-code debate,
>MOST HAMS seem to think HF is the place to be and THEY
>want to be there too. This attitude needs to change if
>the hobby is to survive.

Why try to change a realistic attitude? It would be much simpler (and
better) to just let them BE there ... dismantle the caste system and let
all hams use all bands/modes/frequencies on the basis of a meaningful
test of their knowledge of theory, rules, and regulations.

>Radio was not invented just yesterday. Can we get over this
>fascination with DX communication on HF via analog modulation
>methods??

HF and VHF/UHF/uWaves have different characteristics and uses ... they
can all benefit from a big infusion of new operators and new technology.

>Meanwhile the commecrcial world has passed us by and
>is putting even greater distance between us and them with each
>passing day.

This is certainly true ... you can thank our "friends" in Oldington in
large part ... they have consistently held us back from technological

progress and change for at least the two decades that I've been a ham.

>If amateur radio is to survive, it needs to attract
>people whose interests are in the bands and communication techniques
>typical of the 21st century, NOT the early 20th.

I agree with most of what you say, but you seem to think that the HF bands themselves are somehow outdated. That part is untrue ... all that's outdated are the communications techniques being used there. THe bands themselves will always be extremely useful as a vehicle for long-range communications.

>But so long as the incentive system, licenses classes and the
>ARRL (via their contests, awards, certificates and the like) portray
>knowledge of HF, analog and (can you believe it?) CW, as the path
>to respect and recognition in amateur radio, the hobby is doomed.

Agreed, again, than your "friends" in Oldington.

>I am not advocating the elimination of any existing bands or
>modes of operation. I am suggesting changes in the incentive
>system so as to reflect the communications (not just radio) methods
>commonly used today on UHF and above. The bands of the future will
>not be on HF. Amateur radio must realize this or face extinction.

Our HF bands are, and will continue to be, an important resource that we must maintain. The only way we'll keep ANY of our bands (HF/VHF/UHF, etc.) is if we begin to make MUCH better use of them by MUCH larger numbers of hams. And I don't mean more chasing DX, contests, and collecting 10-10 numbers ... I mean BETTER use (in the eyes of the regulators.

>Of course, you need a majority to think this way before anything
>can be changed in this hobby.

This is TOTALLY false ... you've been conned into believing that by listening to years of "It's only a hobby" and similar garbage.

Ham radio is NOT a democracy ... we are RULED by the FCC ... in fact 4 people (the current Commissioners) hold our fate in their hands. They and they ALONE have the ability to protect us or destroy us with the stroke of a pen.

They will exercise that power based on what they percieve the public interest value of ham radio to be. If they see us as a bunch of technically backward olde fartz who insist on pounding brass while the rest of the world is doing advanced spread spectrum networks, and they see our major emphasis such hobby activities as DXing, contesting, and collecting QSL cards, WE WILL SURELY DIE.

>I'll no doubt be royally flamed for this, but if a hobby is set up
>to attract and keep people who think "HF is cool", is it any wonder
>the hobby is so far behind the times technically?

Don't feel like the Lone Ranger ... I get flamed all the time for saying pretty much the same thing. Some of these pro-code people are REALLY dense ... they REALLY don't understand that they will KILL ham radio deader than a doornail if they keep blocking the natural evolution fo progress in technology and practices.

>Amateur radio is little more than "CB with an attitude".
>Few experiment. Few build. Few want to really learn.

Unfortunately, you're dead right ... I've been saying that (in essence), but it falls on deaf ears ... to the Luddites amongst us, they're "God's gift to commmunications" ...they think they're "SO advanced because they can actually make contact with someone on the other side of the world with CW" ... they've been passed by so far and so fast that they can't even see the tail-lights any more, let alone figure out what the truck is carrying.

Carl - wa6vse
carl@ais.net

5089. Re: New "code" test paramters .

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: David Solomon <DSolomon@worldnet.att.net>
Message-ID: <3262C97F.691@worldnet.att.net>
Source record: 214931

Jim Conn wrote:
>
> kk5dr@io.com wrote:
> >
> > I propose that we "de-emphasize the CW part of Amatuer tests, making the test a total cumulative, type test,
> > where in the failure of any one element is not a total failure. I.E. The code part would count for only 30% of the
> > total score, if you can pass the "theory" witha perfect 70%, yet fail the CW part , you would still pass, and if
> > you got 5-20% of the CW, you would be able to lose part of the theory, and still pass the over-all total of at
> > least 70% score .
> > What do you think of this idea ?
> > Hey, FCC, ARRL, what about it ??
> > A "compromise", for the "coders & the non-coders" arguements.
> If you pass the written part of your drivers test, but fail the eye exam
should they grant driving privileges?

5090. Re: Code or No Code...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: Jim Conn <jconn@gte.net>
Message-ID: <326280FB.2397@gte.net>
Source record: 214932

Carl Stevenson wrote:
>
> It is NOT the government's job to enforce YOUR idea of a "work ethic" on
> ANYONE ... it is clearly not relevant as a licensing requirement ...

If the government wants to enforce a "work ethic" as a requirement
for licensing, then the government has every right to do so. For
instance, many have advocated that welfare recipients be made to work
in order to receive benefits. If the government should mandate
"workfare", it would indeed be a relevant "work ethic" requirement
for receiving welfare. If the government mandates a "work ethic" for
ham radio, it is indeed a relevant "work ethic" requirement.

> The current system sucks ... it has created an "upper class" of
> licensees who are, to a signicant degree, rooted in the past rather than
> looking towards the future and stagnating the service with their
> insistance on foolish rituals or antiquity.

More petty jealousy and class envy. Note that these are Carl's opinions
only, and should not be counted as anything more. I strongly dispute his
assertion that ham radio has been "stagnating". Where's the proof? Ham
radio is as vibrant and alive as ever, perhaps more so.

>
> >Morse is readable under all conditions.
> BZZZZZZZTTTTTT! WRONG ANSWER!!!!!
> I wish I got a buck for every time I point out that Morse Myth #1, while
> widely bandied about by the technically ignorant, is patently false.
>
> >Morse is *THE* most readable type of communication under extreme QRM.
>
> BZZZZZZZTTTTTT! WRONG ANSWER AGAIN!!!! It IS NOT ... please stop
> spreading false information ... many people don't know enough to realize
> that it IS false (including you, apparently)

The man has a perfect right to his opinion. For him, the statement
about CW readability is no doubt true from his perspective and experience.

73,
Jim - AD4VL

5091. Re: FT-530 Just got it- no manual! Please help.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: ben@staff.prodigy.com
Message-ID: <53u926$8mc@usenet1w.prodigy.net>
Source record: 214933
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

One other thing.. re batteries- I currently have a 7.2V 600 mAh battery, (Yaesu) and a 7.2V 1200 mAh battery (aftermarket). My charger is a simple Yaesu wall charger rated 13v 45 mA.

Q: I was told that this charger cannot charge a 12V battery pack- is this true?

Q: Math seems to indicate that this charger, at a maximum current of 45 mils, would take at least 14 hours (probably more like 16) to charge the 600 mAh pack, and twice that for the larger pack. Is this correct?

How long should the packs be charged for?

Is it ok to leave them connected longer? Is it ok to run the ht with the charger connected?

Last but not least, does Yaesu use the same batteries and chargers for their new radios (ie if I buy more batteries and/or a drop-in charger will my investment be a good one)?

Thanks very much!
Ben Mehlman KB2ERP
ben@staff.prodigy.com

5092. 2305-2310 MHz Amateur Band to be SOLD!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: Bruce Perens <perens@rahul.net>
Message-ID: <53uiem$rrd@samba.rahul.net>
Source record: 214934
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.policy

Unfortunately, the omnibus budget bill recently signed into law contained
a reallocation of our 2300-2305 MHz band, to be sold to the highest bidder.
FCC and ARRL were not consulted.

I have set up a web page with more information. Please see
http://www.hams.com/Defense, and pass the information in that web page
to your local Amateur club, and to any Amateurs you speak with.

If you are unable to access the web, please send mail to Defense@Hams.com .
A copy of the Frequency Defense Bulletin will be forwarded to you.

Many Thanks

Bruce Perens AB6YM

5093. Re: GMRS License Application/toll free# for FCC forms

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: Don Levstik <donl@sh-gpl.ti.com>
Message-ID: <Pine.HPP.3.91.961014181506.8767A-100000@sirajul.sh-gpl.ti.com>
Source record: 214935

On 10 Oct 1996, Bob Winingham wrote:

> >Does anyone know where I can get a GMRS license application?
>
> Radio-Shack
>
>
>
>

I found a toll free phone number to request any license form directly
from the FCC. The form you need for GMRS is form 574.

The phone # is: 1(800)418-3676

This is an automated (voice mail) system.

If you have a FAX machine the system can fax it directly to you.

I am also going to GMRS (called them this afternoon for form 574)

Hope this helps!

Don Levstik
e-mail: d-levstik@ti.com

5094. 2305-2310 MHz Amateur Band to be SOLD!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: Bruce Perens <perens@rahul.net>
Message-ID: <53uika$rsq@samba.rahul.net>
Source record: 214936
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.policy

Unfortunately, the omnibus budget bill recently signed into law contained
a reallocation of our 2305-2310 MHz band, to be sold to the highest bidder.
FCC and ARRL were not consulted.

I have set up a web page with more information. Please see
http://www.hams.com/Defense, and pass the information in that web page
to your local Amateur club, and to any Amateurs you speak with.

If you are unable to access the web, please send mail to Defense@Hams.com .
A copy of the Frequency Defense Bulletin will be forwarded to you.

Many Thanks

Bruce Perens AB6YM

5095. Re: What is HAM

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct14.155216.3372@ke4zv.atl.ga.us>
Source record: 214937

In article <325E682F.42E@ccm.ch.intel.com> Cecil Moore <Cecil_A_Moore@ccm.ch.intel.com>
writes:
>Gary Coffman wrote:
>> The World Book Dictionary
>> backs this version, suggesting that the slang terms "ham actor", "hamming
>> it up", and "radio ham" all have the same origin (that of overstating
>> their skills and abilities).??> >- From the Cockney pronunciation of L'Amateur
>> I think this is almost certainly not the origin of the term.
>
>Hi Gary, remember the PBS TV show, "Connections"? Could have been
>that "ham actor" came from the Cockney pronunciation of "'amateur actor"
>and "ham" radio operator then was adopted from the term "stage ham".
>So the orgin could have been indirect through the English theater to
>the American theater to amateur radio.
>
>73, Cecil, W6RCA, OOTC (not speaking for my employer)

Maybe, Cecil, but ham actor doesn't generally mean amateur actor.
It usually means a particular sort of egotistical actor who overplays
his part, not because he doesn't know any better, but because he
wants to hog the limelight, draw attention to himself, and increase
his self-importance. Such actors are often referred to by their peers
as "that insufferable ham." A great actor is so good that you can't
tell he is acting. He makes you forget there's an actor up there on
stage and makes you believe the character he is portraying is up there
on stage. The ham actor wants to make darn sure you realize it is *him*
up there on that stage chewing the scenery.

Now that may fit some radio hams we know, but I don't think it
is the origin of the term. If it wasn't originally an acronym,
I think it more likely came from the telegrapher's lexicon of
"ham fisted", meaning inept operator, in the same fashion as
"lid" came from telegraphers because the inept operator would
hook a tobacco can lid to the sounder to aid him in reading the
clicks.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
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Lawrenceville, GA 30244 | |

5096. Re: HF Amateur Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct14.142034.2984@ke4zv.atl.ga.us>
Source record: 214938
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <53j9t7$81t@news.service.uci.edu> jwkelley@e4e.oac.uci.edu (James W. KELLEY) writes:
>In article <1996Oct8.122107.19609@ke4zv.atl.ga.us>,
>Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>
>>I really don't know why some hams seem so opposed to increasing
>>throughput. No matter what our communications objective, the more
>>throughput we have the better we can accomplish it. The only
>>reason I can think of for not wanting good throughput is that
>>you don't want to engage in real communications with another
>>person, but want to emit RF and occupy spectrum for a number
>>of hours anyway, and that seems so pointless.
>>
>>Gary
>
>I agree, there is absolutely no reason to spurn attempts to optimize
>data throughput in amateur radio. I might disagree that it should be
>universally recognized as the most important metric in amateur radio. In
>commercial radio there's no question that throughput is of the utmost
>import - or more to the point, dollars/min "throughput".

That's true, information has value, so value/min is a metric of interest. In amateur radio, we aren't allowed to use dollars as the measure of the value of the information we convey, but the information has a value to us nonetheless. And we'd like to maximize that value. We want to do that for our individual contacts, but if we attempt to do it just for our individual information transfers we are being selfish. Ideally, we want to enhance the aggregate value of all information transfers occurring on our amateur bands. So naive value/min has to include some sharing factor, and that factor is typically effective occupied bandwidth. (Note that's not neceessarily the same as naive rectangular occupied bandwidth.)

>It seems to me that there's enough room in the art of ham radio for a lot
>of metrics. Everyone seems to have some particular aspect of their
>station performance metric they take pride in optimizing and maximizing.
>For some, it may be bits/sec.

Bits/sec is a partial metric. As a selfish measure it may be sufficient, but when viewed as an aggregate measure of amateur activity we need to also include the effective occupied bandwidth. Thus we're back to bits/sec/Hz. Modern digital methods excel at this metric.

>For others it is miles/watt,

This is another useful metric, and not only for our selfish purposes. Maximizing it saves on our power bill, but also in an aggregate sense maximizing it is beneficial because reducing power means less interference for everyone. Again modern digital methods excel at this metric (the Lowfers are a prime example here).

>or words/min,

This is the same thing as bits/sec, and the same line of reasoning applies.

>or QSO's/min,

This is a useless metric without qualifiers. We need some content to communicate, and this doesn't quantify that. Obviously, if we reduce content to zero, we can arbitrarily increase this measure to any limit we like. When we add content to the metric, even such minimal content as call sign and the standard 599 signal report exchange, we're back to bits/sec/Hz.

>or square ft. of aluminum-Hz.

Now that's an odd metric. It would appear to be one we'd want to minimize rather than maximize. In this day of restrictive antenna covenants, that can make sense. This is very similar to the miles/watt metric since it is really miles/ERP that matters in either case. But the two measures are generally in opposition, IE low power usually works better with big antennas, and little antennas usually work better with high power. If we use coding gain, however, we can reduce both without penalty to throughput.

>For me, it's QSO-min/dollar
>or QSO-miles/dollar, hi hi. (My wife seems to think that food, shelter,
>clothing, transportation, and security should come before ham radio gear.)
>So I'm forced to try to produce maximum effectiveness for minimum
>investment. It's a fun challenge. This is supposed to be fun after all,
>isn't it?

Indeed. We can generally reduce the cost of the transmitter, and more importantly the cost of the receiver, by use of strong digital codes. Since we can generally sharply reduce power and/or antenna size without sacrificing throughput, this is an economical choice. The digital bits we must add generally cost less than the more expensive analog RF parts we can eliminate.

For the rates used at HF, the PC you're already using to participate on the net can serve dual duty to also generate and decode the strong codings of which I speak (see Karn's latest freeware). The most dramatic improvements (achieable with I/Q receiver design) may require some dedicated DSP hardware, but that's also become cheap. Karn argues that a PC with a sound card is already sufficient to negate the need for special purpose digital hardware. I'm not so sure of that, but disagreeing with Karn on these matters is often a mistake.

Gary
--
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Lawrenceville, GA 30244 | |

5097. LOOKING FOR TS50 MOD

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: ., <>
Message-ID: <53uhj8$ar@arl-news-svc-3.compuserve.com>
Source record: 214939

Hello I'm looking for Kenwood TS50 mod to up the power to 250 watts...

Brian

5098. Re: HF Amateur Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct14.152231.3200@ke4zv.atl.ga.us>
Source record: 214940
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <325D2327.8F@liant.com> barron@liant.com writes:
>Gary Coffman wrote:
>>
>> In article <325A7BC3.31E@liant.com> barron@liant.com writes:
>> >I'll agree that early Amateurs were concerned with throughput too.
>> >But you seem to imply that rag chewing was somehow less a part of the
>> >hobby than it is today. I don't think anyone could make that
>> >statement based on a verifiable fact. My guess is that ragchewing
>> >has always been a part of Amateur Radio. Surely it must remain a
>> >part, or else what's the throughput for?
>>
>> Absolutely. I do not for a minute want to imply that conversation
>> is not a laudable use of amateur radio. It is one of the main things
>> that content is for, others being traffic handling, emergency communcations,
>> etc. What I meant to imply was that the fact of the contact's existence
>> alone was not the primary reason for the early radio pioneers' activity,
>> nor was it the primary reason for the early amateur's activities. Once
>> they knew contact was possible (and that's been a well established fact
>> for a very long time), the focus shifted to *doing something* with the
>> contact. Whether that was passing formal messages or casual chatting is
>> not the issue. The issue is that they started to exchange *information*.
>
>Hmmmm.... I'm curious. When and how was this well established? I can
>understand one having an opinion of that nature but how can it be so
>well established?

Marconi established the fact in 1901 that trans-Atlantic contact
was possible, and quickly proceeded to make such contacts commercially
viable. By the start of WWI, radio was in widespread commercial use.
It was no longer a matter of whether contact was possible, but rather
of what could be done with it. Amateur stations were often the equal,
if not the superior, to commercial stations of the era. Amateurs
also demonstrated that contact was possible very early on, and
formed the American Radio *Relay* League to exploit those contacts
for the passage of real messages among themselves.

>> >If by radio pioneers you mean Marconi and Hertz, sure. But Radio
>> >Amateurs I think saw fun in operation just as much (if not more) as
>> >an application.
>>
>> Well, of course, amateurs get paid in no other coin. But the mere
>> fact of contact isn't much fun for long, especially if many others
>> have already "been there, done that". How many stations do you have
>> to work at the antipodes before the novelty wears off? (Apparently

>> for some of today's amateurs the answer is *all of them* and *several
>> times over*.)
>
>I can understand your position on this. But I don't want to fault
>someone else for enjoying the pasttime trying to work DX, even if they
>work it more than once.

Well, if the sole purpose for which we're granted valuable spectrum
were for it to serve as a pastime, I might agree with you. But there's
already a hobby HF radio service, in the 27 MHz band. And it entertains
far more "skip shooters" than amateur radio.

>> Well, I was very involved with the Mexican earthquake communications.
>> I didn't hear much contest style operating (though unfortunately I
>> did hear some). The fellows who were best prepared for that were
>> traffic handlers who were well skilled in moving books of traffic
>> efficiently. (I say that as an old traffic handler.)
>
>What do you mean by contest-style operating?

Total lack of communications discipline, pile ups, rude behavior,
a "me first" attitude, etc. Contests are about competition, but
emergency communications is about *cooperation*. That's why I
consider contesting so harmful. It fosters competition rather
than the cooperation and channel discipline needed for effective
passing of vital information.

>> Yes, good operating skills are vital, but the skills required are
>> not those of the contester. They are the skills of the public
>> service communicator. And those skills are different from those
>> of the contester.
>
>I would argue that traffic handling and contesting do share some
>common traits. True, contest operations alone do not fully prepare
>one for effective emergency communications. But developing the skills
>to effectively listen to weak signals, or signals masked by QRM and
>to exchange information does have relevence (sp?) to emergency
>communications. The exchange for Sweepstakes is actually based on
>the heading information of radiograms.
>
>The best scenario is to have real emergency communications training.
>But I strongely disagree that good contest operating skills can not
>make for a better emergency communicator.

It's a matter of attitude. Contesting fosters a "me first and
devil take the hindmost" attitude. That's exactly the worst
attitude for emergency communications. Contesting revolves around
maximizing the number of contacts a station can achieve compared
to the number which other stations achieve. The content of the
contact doesn't matter, all that matters is the score rung up.

Emergency communications revolves around getting everyone's
message content delivered promptly and accurately in a properly
prioritized manner. That requires tight channel discipline and
a willingness to cooperate rather than to compete. When is the
last time you heard a contest operator offer to relay the contact
information of another station? Not only would it not be allowed
under contest rules, but if it were it would hurt his own
competitive position. Yet that is exactly what a traffic handler
would automatically do.

As the twig is bent, so grows the tree. I would suggest that
it is very hard to switch mental gears and ignore contest
conditioned responses and adopt traffic handling responses
in an emergency communications situation.

Gary
--
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Lawrenceville, GA 30244 | |

5099. 2305-2310 MHz Amateur Band to be SOLD!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: Perens@Hams.com
Message-ID: <53uj7l$s39@samba.rahul.net>
Source record: 214941
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.policy

Unfortunately, the omnibus budget bill recently signed into law contained
a reallocation of our 2305-2310 MHz band, to be sold to the highest bidder.
FCC and ARRL were not consulted.

I have set up a web page with more information. Please see
http://www.hams.com/Defense, and pass the information in that web page
to your local Amateur club, and to any Amateurs you speak with.

If you are unable to access the web, please send mail to Defense@Hams.com .
A copy of the Frequency Defense Bulletin will be forwarded to you.

Many Thanks

Bruce Perens AB6YM

5100. Re: Libel me, Think.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3262D771.711F@ccsnet.com>
Source record: 214942

Tim Smith wrote:

> One thing is for sure...the words of Burt are
> forever engraved in thousands of news servers not to mention in archives
> stored at www.archive.org. The "public" community assumes that you are
> responsible for statements made using your name, address, fancy tag line,
> "near naked" pictures of women and let's not forget the thousands of
> inflamatory sermons you've become famous for.

Not all that is attributed to me is from me.

> Libel? I think not...Why not let technology work for you instead of cry
> foul anytime someone touches a nerve with you. In this day, advanced
> caller ID, ISDN, secure routing, SNMP managed network componets and more
> will provide you all the auditing tools you need to find the other Burts

I have tried to find the fakers, the only thing I can prove, usually is
that the messages are fake but not who actually posted them.

```
#================#=====================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | If you sit on the fence, it is a pain in the butt|
#================#=====================================================#
| k1oik@ccsnet.com |
#=========================================================================#
```

If you try to milk too much, you won't get a drop
Samantha Fisher

5101. Code or No Code...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: bgeiger@yhc.EDU
Message-ID: <01BBB9EA.732040C0@yhc.yhc.edu>
Source record: 214943

Oh yeah... I forgot one... The "most hams learn homebrewing by building =
morse equipment" claim... I'm probably still living in the past... I =
know many homebrewers that learned by building morse equipment. *Maybe* =
what I meant was that morse equipment is the simplest to build, nothing =
too fancy... AND you can build it from scratch, and not necessarily from =
a kit. As far as the "outdated mode" claims... lemme see if i can come =
up with a realistic scenario... OK. Suppose you are camping with a =
friend. You are out in the wild, your friend is critically hurt, and =
your batteries are dead, or your radio is broken. {I'm doing my best, =
hang with me...} You have a whistle... you can send morse code on that =
whistle... or a mirror... you can signal a plane... What I am trying to =
say is that morse code can be sent with practically anything. (ever =
tried to signal Clover on a whistle?) And I AGAIN stand by my claim =
that morse is the most readable mode under QRM. A good op can copy =
morse when SSB couldn't make it through... And since one of the main =
purposes of ham radio is to provide emergency communications, morse is =
only a natural choice.

Benjamin Geiger, KE4EUJ
"Linux, the choice of a GNU generation..."

5102. Re: Libel me, Think.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3262D823.31F3@ccsnet.com>
Source record: 214944

Casey wrote:
>
> This guy got his ass run off the HF bands for the same thing he's
> pulling here. Some guy made some threats toward him and he ran
> away selling his equipment. Thats why he hates hams and calls
> them pigs. He is a mental case and needs help. Ask his wife.

My HF gear is still here and running just fine.
Lots of people made threats towards me but I never take
a ham threat seriously.
I do not hate hams, I hate they way many act. Contesters are pigs
othewr hams merely have no life.
My wife hates hams, my daughter hates ham and my daughter
wants to turn in her license.
Ask her.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#================#===#
| k1oik@ccsnet.com |
#===#
If you try to milk too much, you won't get a drop
Samantha Fisher

5103. HELP: Yaesu FT-708 R

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: Siegfried Rambaum <siram@light.lightlink.com>
Message-ID: <Pine.SUN.3.95.961014200041.11153C-100000@light.lightlink.com>
Source record: 214945
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

I have a Yaesu FT-708 R, which I brought home to the USA from Germany. Unfortunately, on the front panel, the labeling for the three switches below the keypad has fallen off, and I wonder, what these switches might be good for.

I also would need to come by to an operations manual for this rig.

Thank you for any response in this respect

Siegfried (KB2YVC, DC/KB2YVC, DE8FGO)

5104. Re: Dealing with Contests

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3262D8F3.364C@ccsnet.com>
Source record: 214946

Michael P. Deignan wrote:

> Nobody wants to "ruin people's fun" by restricting contesting, but by the
> same token why should my fun be ruined >by< contesting? If a small portion
> of each band were reserved for non-contest stations during contests, I
> believe everyone would be a lot happier.

Stop thinking contesters have ANY sense of fairness
They would kill their grandmother for a clean sweep.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#================#===#
| k1oik@ccsnet.com |
#===#
If you try to milk too much, you won't get a drop
Samantha Fisher

5105. Re: The truth about N1BTQ

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3262DB08.942@ccsnet.com>
Source record: 214947

Tim Smith wrote:

> Tell us something we don't know. Matt and I resolved our misunderstanding
> five years ago. Cheap shots at weight? Your stabs are just as amusing as they
> were 10 years ago...

I did not know you ten years ago.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#================#===#
| k1oik@ccsnet.com |
#===#
If you try to milk too much, you won't get a drop
Samantha Fisher

5106. Re: Not a wonderful life, no life.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3262DAAE.75B@ccsnet.com>
Source record: 214948

Andrew C Robertson wrote:

> : // ,. \\
> : \\ ( ) //
> : \>-'`-</
> : ( )( )
> :) (
> : / \
> : \ /
> : \/ / <----- Hams this is a female
> : (<
> : \ |
>
> No hams, be not deceived. This is not a female. This is a lame ascii
> representation of a female.

The closest most hams will get to one.
Especially contesters.

--
#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#================#===#
| k1oik@ccsnet.com |
#===#
If you try to milk too much, you won't get a drop
Samantha Fisher

5107. Re: What a Wonderful Life.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3262DB8B.2B9B@ccsnet.com>
Source record: 214949

Casey wrote:

> No, you just like sticking your nose in other peoples business. One
> day someones going to knock your nose off.

It surely will not be a ham.
Hams are gutless.
Now a U.S. Marine, that I would fear.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#================#===#
| k1oik@ccsnet.com |
#===#
If you try to milk too much, you won't get a drop
Samantha Fisher

5108. Re: What a Wonderful Life.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3262DC15.5D51@ccsnet.com>
Source record: 214950

Casey wrote:

> Hey Burt. Do us all a favor. Take that gun you keep by your bed to
> fend off burglars, (and pissed off hams), put it in your mouth and
> pull the trigger. Your wife and the ham community will be glad you
> did.

What ever I am and I do mean whatever I am I would not be so
uncaring and so unfeeling to write the above.
But you did and not one gutless little ham will say you are wrong.
But you are.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#================#===#
| k1oik@ccsnet.com |
#===#
If you try to milk too much, you won't get a drop
Samantha Fisher

5109. Re: Dealing with Contests

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDzAH53.70w@netcom.com>
Source record: 214951

rogerjb@ibm.net wrote:

: As far as contests go, I've worked my share. Not my cup of tea, but I would
: be the last person to insist that they be banned. On the other hand,
: contesters are more or less unique in that they inherently and systematically
: seem to disregard the rights of other non-contesting hams. They will
: disregard band plans, call cq right on top of other stations they can hear, etc.
: It is no wonder that the amateur community would like some restrictions
: placed on this form of activity.

Contests are one of my favorite aspects of ham radio, but I can sympathize with those who don't like them. It seems like every weekend, there is some sort of contest or state QSO party going on.

This activity has certainly grown since I first became a ham in the mid-60s. Back then, we pretty much dismissed the complainers, wondering why they couldn't get through one day, or an occasional weekend, without getting on the air.

73 de Jim - KF6CR

5110. Yaesu and Kenwood equipment

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: pierobon@gate.net
Message-ID: <53udn5$4eiu@seminole.gate.net>
Source record: 214952

Hello,

I have a friend of mine in Peru who has no access to the Internet.
However, he is interested in ham radio and asked me to find out
about the prices and other pertinent information about the following
four pieces of equipment

YAESU FT-890AT Compact HF Transceiver
YAESU FT-840 Compact HF Transceiver

KENWOOD TS-140S HF Transceiver
KENWOOD TS-50S Super Compact HF Transceiver

Do you know how much these transceivers cost?
Are these transceivers still available?
Do you know where I can purchase them?
Which is the best transceiver?
How big are they?
How much do these transceivers weigh?

Any and all information is greatly appreciated.

Thanks!

5111. Re: When are Vanity callsigns open to General

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: jwc@a.crl.com
Message-ID: <53tgcn$mt3@nexp.crl.com>
Source record: 214953

jonz@rainbow.rmii.com (Bea and Marvin Jones) wrote:

>David Barnes (david_barnes@hp.com) wrote:
>: I'm a general class with no relatives or other reason to lay claim to a
>: previous callsign.

>: When will I be able to apply for a vanity callsign?

>Well, uh, 11 days ago.

Well, uh, I don't think so. The gate 4 opening date has not been
announced.

5112. FT-530 Just got it- no manual! Please help.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: ben@staff.prodigy.com
Message-ID: <53u5bk$j7e@usenet1w.prodigy.net>
Source record: 214954
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Hi all.

I just got a used Yaesu FT-530- first 'fancy' HT I've had and it's not quite obvious how to work it. Any help (direct information, pointers to web pages, etc) would be greatly appreciated!

Here's what I have figured out so far (I think- please correct!):

-'Band' controls which band you transmit on and which band (some???) settings will affect.
-'F' by itself puts you in direct entry mode?
- When you aren't in direct entry mode, the blue legends apply.
- 'Tone' selects 'no-pl', 'TX only pl', 'RX and TX pl'.
- 'T Set' selects the pl frequency.
- Holding down arrow keys causes radio to seek.
- 'Set' maps the other keys to a mode where other strange parameters are set.
- 'Rpt' enables standard TX offsets.
- 'Clock' displays and sets the clock.

With this knowledge, I have been able to get the radio manually set up to a local 2M repreater, set a -600 offset, set my transmit PL to the proper frequency, and successfully communicate. But I'm constantly struggling with strange modes and settings!

What I need to know now is (besides everything)-

How do I save and recall memories?
What does 'A, b, and C' do?
Can I scan memories? How?
How do I switch the dial between VFO type operation and memory select mode?
What does the VFO button do?
What is 'Rev'?
What is 'Sub' and 'Sub Op'?
What does 'Alt' do?
Are the memories separate for each band? Or, if I program #1 for a 2m configuration and #2 for a 70cm configuration, will the band selected for transmit change with it?
If I'm only interested (usually) in working one band at a time, can I mute/shut off the other band without playing with the volume and squelch?
Can the above be done under memory control?

Also, besides the extended receive and transmit (which I have figured out), what other tricks does this thing do?

I know there are a lot of questions here- I do plan to get a manual but would like to be able to do the basics now.

If anyone has this radio (I know it's fairly common), and you are willing, I would be willing to give you a call on the telephone if you could lead me through the basic logic of the controls. Once I have that I can play with it and learn the rest...

Thanks very much!
Ben Mehlman KB2ERP
ben@staff.prodigy.com

5113. Re: HF Amateur Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-14 00:00:00 UTC
From: Jim Conn <jconn@gte.net>
Message-ID: <32628A52.19E2@gte.net>
Source record: 214955

Carl Stevenson wrote:
>
> Contesting and DXing have BOTH had their "importance" GROSSLY
> over-inflated by the "It's ONLY a hobby!" group and their self-centered
> view of the world that says "They're our bands, just for us to play in,
> and we don't want newcomers coming in and overcrowding them so that we
> don't have room to play our games."
>

The only thing I see over-inflated is your own overweening sense of
self-centered self-importance.

> These gamer, "Only a hobby" attitudes will cost us our bands if they
> continue to run rampant the way they have in the last 30 years or so.

More "the sky is falling" babble, trying to scare HF folks into supporting
his no-code license agenda. Our HF bands are not threatened. What utter,
complete, nonsense!

Jim - AD4VL

5114. Re: Is the HTX 202 rely as bad as I have been told?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDzBt4G.8Mq@netcom.com>
Source record: 214707

Diback (diback@aol.com) wrote:
: I am anxeously awaiting my ham ticket, and I'm looking at perspective
: radios. For a while, I realy liked the HTX 202 from Radio Shack, and I've
: heard good things about it over 2 meters on my scanner. Resently, a store
: owner told me that any thing that Radio Shack puts out, is trash, and to
: get some other brand(he recomended a Standard something or other). Is
: this true, or did he just want me to get something from his store? Any
: recomendations for a first radio?
: Any feed-back would be appreceated.

I'm entirely happy with my HTX-202 and, in fact, bought the HTX-404 for 70 cm, as a result of overall satisfaction with the 202.

My only complaint is that it has only 12 memories, which puts it at somewhat of a disadvantage here in SoCal.

I don't recommend extended warranties; they're a big ripoff. But, you have to factor in your own situation in making that decision. My feeling is that, at the discounted price I paid ($189.95) during a sale, if it worked for a year that was fine; anything more is gravy. If it failed, it would give me an opportunity to buy a dual-bander, such as the FT-51R.

73 de Jim - KF6CR

5115. Re: HELP: Yaesu FT-708 R

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: pjdobosz@msmail.rey.delcoelect.com
Message-ID: <540fkk$nok@kocrsv08.delcoelect.com>
Source record: 214708

Left Switch Keyboard Lock off-on
Center Switch Scan Mode busy - none - clear
Right Switch Frequency Step 5KHz - 10KHz

This info is for the US version, Yaesu may have made some changes
to the switch function for the European version. You might want to
check with Yaesu parts ... a few years ago I was able to purchase
the missing placcard for less than a dollar. If they still have
stocks of that part, you might be able to get it for a similar price.

The 208 & 708 are very rugged and well designed.

Good Luck ...

Paul - K8PD

Siegfried Rambaum <siram@light.lightlink.com> wrote:

>I have a Yaesu FT-708 R, which I brought home to the USA from Germany.
>Unfortunately, on the front panel, the labeling for the three switches
>below the keypad has fallen off, and I wonder, what these switches might
>be good for.

>I also would need to come by to an operations manual for this rig.

>Thank you for any response in this respect

>Siegfried (KB2YVC, DC/KB2YVC, DE8FGO)

5116. Re: repeaters

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: Cecil Moore <Cecil_A_Moore@ccm.ch.intel.com>
Message-ID: <3263C1F2.6BBD@ccm.ch.intel.com>
Source record: 214709

S Jackson wrote:
>
> Could some one tell me if it is possible to transmit by chaining
> through one repeater to another, so as to increase range...

An example is the ZIA link that extends almost complete coverage
from California through Arizona through New Mexico into Texas along
Interstate 10 and branches out to other areas.

73, Cecil, W6RCA, OOTC (not speaking for my employer)

5117. Re: ** FLEA at MIT ** Sunday 20 October Cambridge MA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: normanc@mail.bsd.uchicago.edu
Message-ID: <540jdn$8a@xensei3.xensei.com>
Source record: 214710
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,sci.electronics.misc,ne.forsale,ne.general,rec.radio.amateur.homebrew

In article <5409dq$q0d@asylum.apocalypse.org>,
Xochi Zen <x@apocalypse.org> wrote:
>
>Is this the one where cantankerous old men sell stuff that their
>wives have been begging them to get rid of? One thing that I've found
>is that *some* of the dealers there sell stuff that doesn't work and
>refuse to take anything back. A better bet for old electronics gear
>is probably the Electronics Superstore (in Waltham... or is it Woburn?).
>They'll refund your money if you buy something from them and find that it
>doesn't work when you get it home.

Unfortunately, that place in woburn went down; they no longer
sell cool surplus stuff, and instead, if you want neat things, you have
to trek up to manchester, nh. they lose bigtime, imho.

5118. DXer's calendar

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: tkenny@qsun.ho.att.com
Message-ID: <326ca729.88603027@nntpa.cb.lucent.com>
Source record: 214711

Several years back I purchased a DXer's wall calendar. I was
interested in getting one for next year but can't seem to find an ad
or any info about one.

The one I got was from a ham in New England. It had a picture each
month of a DXepdedition and listed the contests on the calendar.

Is this calendar or simular wall calendar exist? Any leads would be
appreciated.

Thanks and 73, Tom KB2GLO.

vvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvv
Tom Kenny KB2GLO Voice: 908-949-9704
EMail: tek@webspan.net URL: http://webspan.net/~tek
^^^

5119. Re: Ham Radio Clip Art

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: Mike Snowden <mikes@fishnet.net>
Message-ID: <3263C443.6EF5@fishnet.net>
Source record: 214712

Does anyone know of a source for ham radio clip art that can be used for news letters?

Thanks, Mike K6YPB
mikes@fishnet.net

5120. Re: Goodbye.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct15.160506.8049@ke4zv.atl.ga.us>
Source record: 214713
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.swap,rec.radio.cb

In article <32626393.65AD@compuserve.com> Steve Eklund <72527.01012@compuserve.com>
writes:
>
>P.S. I heard the tail end of a news report about a 1500 foot tower
>falling down over the weekend. Does anybody know the full story?

Yeah, it was in a suburb of Dallas. Apparently a crane was blown
over by a wind gust and severed a guy wire. The tower then buckled
and fell, carrying some workers up top down with it. This is always
a concern with a guyed tower. The workers had apparently discussed
stopping work for the day due to the wind, but decided to press
on. This turned out to be a terminally stupid decision.

Hams can draw two important lessons from this, protect your guys,
and quit work if the wind picks up more than you like. You can
bet I'm not going to be on a tower when it is windy enough to
blow over a construction crane if I can help it. I did get caught
on a 1,000 footer once by a sudden thunderstorm. Whee! That's
an experience I never want again.

Gary
--
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Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

5121. Re: What a Wonderful Life.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct15.162539.8234@ke4zv.atl.ga.us>
Source record: 214714

In article <32636F3A.6B7B@ccsnet.com> k1oik@ccsnet.com writes:
>Howard Watson wrote:
>>
>> Ummm Burt, I DO know several marines who are also hams, what about
>> them? <G>
>
>That would concern me but are they clerk types?

Ooooh, say *that* to a marine's face, Burt. All marines are fighting marines, no matter what other job they may do.

Gary
--
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Lawrenceville, GA 30244 | |

5122. Re: Is equipment building and repair a lost art? Y

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct15.162205.8155@ke4zv.atl.ga.us>
Source record: 214715

In article <tcpnntpd.16.10.14.23.28.8.3046360759.1381502@access-one.com>
<shendo@access-one.com> writes:
>
>Working on equipment has been a lost art for hams for sometime. One
>reason is most dont want to do it and the second is the new circuit
>paths are so tiny most cant do it. ie circiut paths on HT boards if a
>small drop of solder hit it it would bridge about a dozen or more paths.

Your idea of "small" solder drop and mine seem to be a bit different. :-)
For the tiny parts and boards, I use a hot air source (Weller Pyropen Jr)
and solder paste. No muss, no fuss.

Good job on the IC-735 repair though. I've had an optical shaft
encoder fail too, on a IC-745. I took the easy route and installed
a replacement rather than try to rebuild the old one. I've rebuilt
dozens of Vamco tape timers, though, because replacements aren't
available. That's a nasty little optical encoder.

Gary
--
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5123. Re: question for carl and the no code group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct15.144129.7655@ke4zv.atl.ga.us>
Source record: 214716
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <32620939.B53@no.spam.please> rfg.at.nome.dot.net@no.spam.please writes:
>Mark:
> You are mostly correct, but as a matter of fact there are
>CW only segments, and the ITU convention does require hams to have
>knowledge of the morse code.

The CW only segments are, however, at frequencies where a code test
is not required, IE 50.0-50.1 MHz and 144.0-144.1 MHz are the only
sub-bands where only CW is allowed to be used.

> It says "knowledge" not ability. Therefore, the test could
>be as simple as some dumb questions like
> (1) What is the dot-dash pattern for the letter Q ?
>
> (a) da-di-da-da (b) di-di-da (3) da-da-di-da (4) da-di-da

No, S25 doesn't say that. It says applicants are to demonstrate that
they can correctly send by hand and receive by ear texts in the
International Code. Note that the US is already in non-compliance
with the treaty by no longer requiring an applicant to demonstrate
that he can send by hand. And the FCC will allow applicants to take
the test without receiving by ear too, IE accomodations for the deaf.
I have no objection to either practice, but they do technically
place the US in violation of the treaty language.

Fortunately, I took my tests before the FCC stopped adhering to
the treaty, so I'm ITU legal. You fellows who took a receiving only
test aren't ITU legal amateurs when you operate below 30 MHz.

Gary
--
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Lawrenceville, GA 30244 | |

5124. Re: Need help with ramsey 6-meter radio kit

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct15.134113.7400@ke4zv.atl.ga.us>
Source record: 214717

In article <53s2ao$39f@hptemp1.cc.umr.edu> sidener@munch.nuc.umr.edu (Scott Sidener) writes:
>HI, I am having trouble with a Ramsey Model FX-50 6Meter radio kit.
>
>Everything seems to work fine except when I transmit the final transistor
>(Q8) gets very hot and blows in a short time. I have triple checked all
>of the circuitry in the final amplifier section and there are no shorts
>or bad parts that I can find. If I remove the final transistor and
>replace it with a 100pF cap. I can get a few milliwatts out the end from
>the exciter transistor.
>
>Has anyone ever had this problem? I called Ramsey and they just quote
>the troubleshooting section of the manual which doesn't say much.
>
>I even injected RF where the transister should be and varied the freq.
>and looked at it on a spectrum analyzer out the end to see if the output
>network was working correctly. It seems to act as a bandpass filter just
>as it should.

It has to do more than just act as a bandpass filter. The primary purpose of the output network is to transform the load impedance to what the transistor wants to see. Your symptom may indicate that it isn't doing this job properly.

I assume the final transistor isn't getting hot with RF drive removed. Check this if you haven't by disabling the driver and placing the unit in transmit (terminated with a known non-reactive dummy load). If the final still gets hot, you've got a bias problem, or the final stage is breaking into parasitic oscillation. If the latter is the case, double check your layout, make sure the chip emitter bypass cap is located correctly, etc. You may have to resort to parasitic chokes (ferrite beads) to tame it.

But assuming that isn't the problem, you need to check to make sure the final network is doing the proper impedance transformation. Very crudely, we can assume that the output impedance the transistor wants to see is Vce^2/(2*Po). For 12 volt operation and a 10 watt output power, that yields 6.5 ohms as the desired impedance. That means the output network has to transform the 50 ohm impedance of the load down to the 6.5 ohms the transistor needs to see. That's a transformation ratio of about 7.7:1.

That takes care of the resistive portion of the impedance. The transistor will also have a collector-emitter capacitance which has

to be tuned out by the output network. This capacitance is usually absorbed into the output network either by reducing the value of the input shunt capacitor of the network by the amount of the CE capacitance, or by increasing the series inductance of the network to resonate it out. This complicates measuring the transformation ratio of the output network because this capacitance varies under load and figuring out what its value will be at a certain output power is a bit tricky to do generically. Consulting the transistor manufacturer's S22 data is likely to get you close enough.

Ok, once you've calculated the needed resistive value and deduced the correct capacitance value, remove the transistor from the circuit and place the resistance and capacitance values you got across the collector and emitter pads of the circuit board. Now use a SWR meter looking back into the network from the output connector, and drive it with a signal source. If the output network is tuned correctly, you should see a SWR close to 1:1. If you don't, then there is something wrong with the output network (or you've figured the required output resistance and capacitance of the transistor incorrectly.) Note, if you have access to a network analyzer, just use that instead of the SWR meter and signal source.

What I've found with Ramsey kits is that the network tuning has been grossly off from the required value when you wind the inductor as instructed. I've had to add or remove a turn and/or stretch or compress the coil to get the network to yield the proper transformation ratio. I expect that this may be your problem.

Gary
--
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5125. Re: ** FLEA at MIT ** Sunday 20 October Cambridge MA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: marden_k@ex.hp.com
Message-ID: <DzBw5M.CGz@apollo.hp.com>
Source record: 214718
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,sci.electronics.misc,ne.forsale,ne.general,rec.radio.amateur.homebrew

In article <540at0$rgc@asylum.apocalypse.org>,
Xochi Zen <x@apocalypse.org> wrote:
>In article <540a4p$2us@news-central.tiac.net>, allen <allenh@tiac.net> wrote:
>>x@apocalypse.org (Xochi Zen) wrote:
>>
>> A better bet for old electronics gear
>>>is probably the Electronics Superstore (in Waltham... or is it Woburn?).

Store is renamed and moved to a stripmall a little ways down from where you
used to turn for the superstore. Called Electronic Planet. They also have one
on 101-A West from DW Hwy. (Rt.3) in Nashua, NH.

>>>They'll refund your money if you buy something from them and find that it
>>>doesn't work when you get it home.

Assuming you didn't buy it in "as-is" condition.....

>>They used to be in Woburn but I couldn't find them about a month ago.
>>I believe that they have moved it all to New Hampshire (darn) . Is Eli

They started in NH and expanded to MA.
Known as ESS/Electronic Planet/Electronic Surplus Services in Manchester,NH.
Granite St exit in off 293N. Right at lights,
right at next lights, right again into parking lot.

> That's a shame. I wanted to buy more stuff from them for a 'mad scientist'-
> style art installation. They had a ton of omnious looking meters/gauges/etc.

You won't find any of that at the Woburn and Nashua stores. They are trying to
be a retail outlet at these stores and are selling a lot of new low quality
china-made computer peripheral stuff, old, used, computers and a small
selection of some new, imported electronic parts (mostly GC switches). Your
best bet for older surplus parts and a bigger selection is to go to the
Manchester NH store.....

Kurt

Not speaking for HP.

--
Kurt M. Marden
marden_k@apollo.hp.com
"The reward of work well done is the opportunity
to do more."

5126. Re: ** FLEA at MIT ** Sunday 20 October Cambridge MA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: n1ist@netcom.com
Message-ID: <n1istDzBwqJ.FHt@netcom.com>
Source record: 214719
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,sci.electronics.misc,ne.forsale,ne.general,rec.radio.amateur.homebrew

In article <5409dq$q0d@asylum.apocalypse.org> x@apocalypse.org (Xochi Zen) writes:
-Is this the one where cantankerous old men sell stuff that their
-wives have been begging them to get rid of?
There may be a few of them, but there are quite a few regulars with some
great deals...

-One thing that I've found
-is that *some* of the dealers there sell stuff that doesn't work and
-refuse to take anything back.

That can happen at any flea. BTW, I do sell some stuff that doesn't work.
I do, however, tag everything with it's condition (good, dead, unknown).

-I'd like to see the dealers at the MIT flea market be held to this sort of
-policy. If people don't have ethical standards, I say *impose* some on
-them.

It would be nice for people to properly describe the condition of what they
sell. But to limit people to only sell working items? That's ridiculous.

--
\|/ Michael L. Ardai N1IST n1ist@netcom.com \|/
-*- === Boston Amateur Radio Club: http://www.barc.org/barc === -*-
/|\ or send "info barc-list" to listserv@majordomonetcom.com /|\

5127. Re: ** FLEA at MIT ** Sunday 20 October Cambridge MA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: x@apocalypse.org
Message-ID: <540maa$6dm@asylum.apocalypse.org>
Source record: 214720
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,sci.electronics.misc,ne.forsale,ne.general,rec.radio.amateur.homebrew

In article <n1istDzBwqJ.FHt@netcom.com>,
Michael L. Ardai <n1ist@netcom.com> wrote:
>That can happen at any flea. BTW, I do sell some stuff that doesn't work.
>I do, however, tag everything with it's condition (good, dead, unknown).
>
>-I'd like to see the dealers at the MIT flea market be held to this sort of
>-policy. If people don't have ethical standards, I say *impose* some on
>-them.
>
>It would be nice for people to properly describe the condition of what they
>sell. But to limit people to only sell working items? That's ridiculous.

No, what you suggested is more of what I'm thinking of. If something's dead,
label it "dead."

- Xochi

--
	"When I was in prison, I was into all these deep books.
Xochi Zen	That Tolstoy crap. People shouldn't read that stuff."
x@apocalypse.org	- boxer Mike Tyson, quoted in Time magazine, who says he
	now prefers comic books.

5128. Re: Burt Fisher not arrested yet?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: Hank Oredson <hank_oredson@mentorg.com>
Message-ID: <3263E004.7579@mentorg.com>
Source record: 214721

Casey wrote:

> Does he challenge people to think by calling them"pigs"? He has
> spammed other newsgroups with his pompus and vile views and
> in my opinion, has nothing to do but sit behind his computer write
> his garbage and wait to die.
>
> Casey

Thus demonstrating the exact thing you accuse him of doing.

The Bozo level of this newsgroup never fails to amaze.

5129. 1996 Jamboree On The Air

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: arsenaul@lss1105
Message-ID: <540nsb$3sd@emcnews.emc.com>
Source record: 214722

JOTA 96 INFORMATION and INTERNET in the FIELD!

Worcester Explorer Post 73, an amateur radio explorer post, will operate its radio station, KB1BUF, in the field at Treasure Valley, Paxton, Mass. Field set up will include 10 through 80 meter stations. A 2 meter packet station providing internet access from switch.worcester will also be installed.

Post members will operate without commercial power but will be provided with elecrical power from gasoline powered generators.

TECHNICAL INFORMATION:

HF STATION

Callsign: KB1BUF
Transceiver: Swan 350 or Icom IC-730
Antenna: 3 Element Beam for 10, 15, and 20 meters
1/2 wavelength Dipole for 40 and 80 meters
Operational Hours: October 19, 2pm local - October 20, 4pm local

REMOTE IP STATION

Station Callsign: KB1BUF
Internet Address: KB1BUF.AMPR.ORG.
IP NUMBER: 44.56.12.215
Transmitter RF PWR: 25 Watts
Antenna: 3 Element Yagi
Direction: East Towards Worcester
Operational Hours: October 19, 8AM - October 20, 12PM ET.
Connection Protos: TELNET TTY AX25/KB1BUF-2
CONVERSE ch/773 SMTP: KB1BUF@SWITCH.WORCESTER.AMPR.ORG

JOTA Site: BSA Reservation Treasure Valley, Paxton Massachusetts.
Aprox 10-12 miles west of Switch.Worcester.Ampr.Org.

If you would like more information, please contact:

Brian Arsenault, N1FIY ---- n1fiy@switch.worcester.ampr.org
Roger Demers, NE1C -------- ne1c@switch.worcester.ampr.org
Wayne McMahon, N1MPY ------ n1mpy@switch.worcester.ampr.org

5130. Re: New "code" test paramters .

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: Ramon Gandia <rfg.at.nome.dot.net@no.spam.please>
Message-ID: <32634B9A.16EC@no.spam.please>
Source record: 214723

kk5dr@io.com wrote:
>
> I propose that we "de-emphasize the CW part of Amatuer tests, making the test a total cumulative, type test, I.E. The code part would
> count for only 30% of the
> total score, if you can pass the "theory" witha perfect 70%,
> yet fail the CW part , you would still pass, and if
> you got 5-20% of the CW, you would be able to lose part of the
> theory, and still pass the over-all total of at
> least 70% score .
> What do you think of this idea ?

It is not alltogether a bad proposal, but I think the FCC/ITU is correct in handling it separately. This is because while the theory/regs rules changes from time to time, and from country to country, the code is a constant and is (right now) consider a core part of the amateur service.

Perhaps a better way to test for code would be having several written test questions about the morse code. No sending or reciving test would be involved:

Q1. What is the dot-dash pattern for the morse letter Y ?
1. di-da-da-da 2. da-dit 3. da-di-da-da 4. da-da-di-da

Another variant which probably would also serve, and not be as drastic a step as the one above would be a tape played, which has a ham radio callsign, or a three leter random group. The question would be:

[Tape is sending the morse letters GBN over and over for 30 or 60 seconds at, say, 5 wpm....or 13....or 20....etc.]

Q1. The three morse code letter sequence being played in the tape is: (1) WVA (2) GVA (3) KBA (4) GBN

[This question would allow the use of four tapes with one question, with the answer keyed to the tape].

This would probably smell better to the purists.... is simple, DOES require a measure of ability, etc. Recall your novice days when callsigns, RST and QTH had to be repeated five or six times to get it right? Same idea.

--
In order to foil SpamBots, my e-mail address is not machine readable. Please reply to address below:

Ramon Gandia, Nome, Alaska | rfg.at.nome.dot.net
AL7X S/V Seven Stars |
907-443-2437 fax 907-443-2487 | where at=@ dot=period

5131. Re: Libel me, Think.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: Mark Fossum <n0nsv@amsat.org>
Message-ID: <3263999F.20E8@amsat.org>
Source record: 214724

Burt Fisher wrote:
> My HF gear is still here and running just fine.
> Lots of people made threats towards me but I never take
> a ham threat seriously.
> I do not hate hams, I hate they way many act. Contesters are pigs
> othewr hams merely have no life.

You keep saying that Burt, you keep saying that but you never do anything about it! Why don't you both turn in your tickets and make the ultimate statement then? Why don't you? Stop your whining and stop being such a contradiction.

> My wife hates hams, my daughter hates ham and my daughter
> wants to turn in her license

Then you can tell us anything you want about hams. Turning in your ticket would certainly qualify your statements. (Plus your wife would stop hating you, your daughter would stop hating you and life would be so good again.)

Mark Fossum - N0NSV

(I'm not an Extra Class Ham, Not a whining teacher of anything! I'm just happy with my life and my friends. Unlike some people here!)

5132. Re: Where to mount 2m/440 and scanner antennas?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: "Douglas A. Hamilton" <hamilton@bix.com>
Message-ID: <01bbbad6$ac5a7e40$0f02000a@hamilton>
Source record: 214725

Thanks, Gary, for taking the time to respond to my question about how much height really matters in locating my 2m/440 and scanner antennas. Your comments here in rec.radio.amateur.* are always very helpful and I know I'm not the only one who appreciates your sage advice.

Based on your comments, sounds like I might just try and see if having these antennas mounted on short masts does what I want but that I'm probably not going to be happy unless I can get them up higher.

Now a second question, if you don't mind. Another fellow responded by picking out that I'd mentioned I was mounting my R7 on a 10' section of 1.5" EMT sunk in concrete and was quite emphatic that this was not likely to hold up. EMT is too thin-walled and the galvanization too thin for this material to last in the alkaline concrete. Now, I do want things to last, but I'd also like to get the job done without turning it into a public works project. I'm 45 and I don't expect to be here forever, either. If I have to replace it, say, every 15 years, I probably have to do it once while I'm still here on the planet. OTOH, if it's going to need to be replaced every 3 years, that's another matter.

Comments?

Regards,
Doug Hamilton KD1UJ hamilton@bix.com Ph 508-440-8307 FAX 508-440-8308
Hamilton Laboratories, 21 Shadow Oak Drive, Sudbury, MA 01776-3165, USA

5133. QSL cards in PS - postscript

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: Ottar Kvindesland <clank@netup.no>
Message-ID: <3263F4CA.435D@netup.no>
Source record: 214726

I am writing a program that reads your PC log and converts it to QSL cards. At the moment it is available in a beta version. It takes logs from an early version of CT and a public version of LOG-EQF. If anyone wants to join in testing, please pick up the program at http://www.netup.no/~clank/ck_qsl.html
I am prepared to add new log formats if you can send me a sample of the log in ASCII format, with one QSO per line. Please describe then how you extracted the file.

73 de Ottar, LA9IHA
e-mail: clank@netup.no
http://www.netup.no/~clank/

5134. Re: Libel me, Think.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <540obo$o4i@freenet-news.carleton.ca>
Source record: 214727

Burt Fisher (k1oik@ccsnet.com) writes:
Whooooooaoaaaaaa, relax Burt. He's just making you think. That's what he
does.
--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

5135. Re: Where to mount 2m/440 and scanner antennas?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct15.155235.7944@ke4zv.atl.ga.us>
Source record: 214728

In article <01bbba38$d6e6b780$0f02000a@hamilton> "Douglas A. Hamilton" <hamilton@bix.com>
writes:
>I just picked up a 2m/70cm vertical (9 ft long) and a discone scanner
>antenna at the Boxboro ham convention a week or so ago and have been
>thinking over how I'd like to install them.
>
>First thought was a couple masts mounted off the side of my house with
>brackets, using 1 1/4" EMT (metal tube) as the mast material.
>
>But as I think about it, I'm wondering if that's such a hot idea. I admit
>I'm not crazy about drill holes in the siding to do the mounts (especially
>considering some concern that with only lap cedar siding and the underlying
>pressboard sheathing to screw into, I'm not even sure how much load you can
>put there). Also, if I put both antennas there, it really is going to look
>kind of cluttered with ham junk, I admit.
>
>So now I'm wondering whether I might not be better off mounting these two
>new antennas the same way I'm doing my R7 HF antenna: on a 1 1/2" EMT mast
>sunk in concrete in the back yard. The EMT tube is 10 feet; after sinking
>it in the ground, there's still around 7 1/2" above ground.
>
>Obviously height does matter. I'm not trying to ask a silly question. But
>how much difference (for each) and do I really care. For 2m/440, let's
>face it: I'm not thinking DX, just going into the various repeaters in the
>greater Boston area. If I'm not full-quieting, the heck with it, I'll go
>to a different repeater to ragchew. (Who wants to talk on a repeater with
>someone you can barely copy?) On the other hand, if the difference in
>height between a mast on the ground vs. near the top the house is going
>make a difference hitting Boston from Sudbury (about 20 miles) with 50W,
>that would be a consideration.

Height definitely does matter at VHF+. And the first 30 feet is
usually the most critical amount. That gets the antenna above most
local clutter. I've often seen figures tossed around about
"height gain". One rule of thumb which seems widespread is 10 db
for each 10 feet up to the first 30 feet. If that rule of thumb holds
(and obviously each location is different), then you'll have 1000 times
more signal at 30 feet than at ground level. That's significant.

"Height gain" continues to increase as you go higher, but not at
nearly so sharp a rate. At some point, feedline loss becomes greater
than the additional "height gain", and going higher doesn't buy you
anything (unless you remote mount a preamp and power amp to get around
the feedline loss).

I use "height gain" in quotes because it isn't really a gain in antenna performance, rather it is a reduction in path loss due to getting up above ground clutter. I'd urge you to get your antennas as high as you practically can. It *does* make a significant difference.

On the subject of house brackets, you want to use lag screws and screw them into the wall studs, not just the sheathing. As you concluded, screwing into just the sheathing isn't very secure at all. If you had a high windload, such as if you were using a tower instead of just a pipe, you'd want additional internal bracing in the attic to spread the load beyond a single pair of studs. But with EMT and the antennas you propose, that won't be necessary. The EMT will bend before the lag screws will pull out of the studs.

Now if you still don't want to tie to the house (and that can cause wind resonance noises in the house), you know that you can couple multiple sections of EMT together with EMT couplings don't you? You really should guy each section if you do that though. EMT is kind of flimsy as a mast, but you aren't putting much load on it. Better would be line pipe. This comes in 20 foot lengths and uses screw together couplers. A couple of lengths of 2.5 inch line pipe would get you up 37.5 feet, and you could support a tri-bander on that if you guy it at the joint and near the top. You need riggers and a crane truck to install it and work on it though.

I do something different at the farm. I have a section of 2.5 inch line pipe (0.25 inch wall thickness), set in a 2'x2'x5' block of concrete. That leaves 15 feet sticking up. Near the top and at 5 feet above the ground I have 1 inch holes drilled through the pipe. I have another 20 foot section of the pipe with a hole drilled at the bottom and 10 feet up. This bolts to the other pipe with long 1 inch bolts. That gives me a 25 foot high mast which will pivot over if I remove the bottom bolt (I've got another hole and an eyebolt at the bottom of this pipe to attach a rope). I use a coupler at the top to attach a section of 2 inch well tubing, and put the rotator and antennas on top of that with a 10 foot section of TV mast. That gives me a 55 foot tilt over tower. I've used it with small VHF antennas with no guys, but if you want to put up an array, you should guy it. To maintain balance, you can fill the bottom of the first hinged section with cement, but I've found I can manage it without the ballast if the array up top isn't too large.

This has been up about 15 years now, and has withstood wind storms with 70 MPH gusts. I inspect the bolts periodically, and replace them if they show excess wear. The beauty of this setup is that you can install it by yourself, and you can service the antennas without taking a step off the ground.

The only climbing you ever have to do is to go up the 15 feet to inspect the top bolt. An ordinary extension ladder leaned against the pipes will let you do that. (I cheat and use a tractor with a front end loader to get me up there.)

A PE would probably have fits about this design, but it has worked well for me for years. I would caution you to orient the holes in the standing pipe so that if a bolt should fail, the other pipe will fall in a direction where it won't do any harm, IE don't orient it so it could fall on your house or car. I built this because I had access to free oilfield pipe. If you have to buy the pipe retail, it might be cheaper to put up Rohn 20 instead.

If I were doing this over, I'd use bushings made of 1 inch water pipe instead of depending on the bolts for bearing surfaces. That would mean redrilling all the holes in my present installation to 1.25 inch, and doing that to the top hole wouldn't be easy, so I just keep an eye on the bolts. I've only had to replace them once. Don't forget to use a couple of flat washers between the pipes or they won't pivot.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

5136. ARLX018 Oldest LW transmitter

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: w1aw@arrl.org
Message-ID: <$arlx018.1996@arrl.org>
Source record: 214729
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB SPCL @ ARL $ARLX018
ARLX018 Oldest LW transmitter

ZCZC AX64
QST de W1AW
Special Bulletin 18 ARLX018
From ARRL Headquarters
Newington CT October 15, 1996
To all radio amateurs

SB SPCL ARL ARLX018
ARLX018 Oldest LW transmitter

The world's only working Alexanderson alternator will broadcast this month from Sweden on 17.2 kHz. A nostalgic Morse code transmission at 0900 UTC on October 23 from station SAQ in Grimeton on Sweden's west coast will commemorate the declaration of the radio station as an historic building. The RCA Alexanderson alternator was built in 1924. The SAQ site, complete with six antenna towers and the 200 kW transmitter, are under the care and management of Telia Mobitel, a Swedish mobile telephone company, and the radio museum of the Radio Historical Society of West Sweden, which operates club station SK6RM. Ulf Sjoden, SM6CVE, has helped to organize the event.

SAQ also will transmit a test on October 21, at approximately 1100 UTC. SAQ requests listener reports of both the test and the commemorative message via telephone at 46-340-74251 or fax at 46-340-74195. Callers will be reimbursed for the cost of the call. The operator at SAQ is Bengt Dugaas, who is not a ham.

The Alexanderson alternator was developed during the early years of wireless by Ernst Alexanderson, a Swedish-American. The device is essentially a large, electromechanical high-frequency alternator with a high-speed rotor that's connected directly to an antenna system. A similar station once operated on Long Island. The circuit was used to transmit telegrams and messages between Europe and the US.

Last fall, Amateur Radio station 7S6SAQ operated from the SAQ site to celebrate 100 years of radio and the 70th anniversary of the radio station (see ''Up Front,'' QST, Nov 95 , p 14, for a picture of the Alexanderson alternator and the antenna system). During September 1995, SAQ itself transmitted a message to England which was relayed via landline from a BBC monitoring station to those attending a ''100 Years of Radio'' conference in London.
NNNN

/EX

5137. Re: FT-530 Just got it- no manual! Please help.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: levine@mc.com
Message-ID: <540k69$jfg@newsy.mc.com>
Source record: 214730
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <53u926$8mc@usenet1w.prodigy.net>, ben@staff.prodigy.com (Ben Mehlman) writes:-->
-->Last but not least, does Yaesu use the same batteries and chargers for their
-->new radios (ie if I buy more batteries and/or a drop-in charger will my
-->investment be a good one)?
-->

The answer to this question is that the batteries for the newer radios like the 51 and the 50 are completely different. The fast charger is also different, and you buy adapters for the newer different battery packs.

I think they break even on the rigs and make the big bucks on the batteries, chargers, speaker mics etc..... Yeasu even has different AC adapters for each different battery pack voltage so if you do go the cheap slow route, you'll need multiple wall warts also!

Now that the dollar is work 112.25 yen (last check), I wonder if the prices will go down on the Japanese radios. Remember how they blamed the last price increases on the exchange rate when it got into the low 80s, upper 70s? Now the dollar is worth 25% more yen than back then.

-->
-->Thanks very much!
-->Ben Mehlman KB2ERP
-->ben@staff.prodigy.com
-->

--
/***
* Bob Levine *
* KD1GG/VK2GYN/7J1AIS *
* KB1BRM: Anti-Algonquin Amateur Radio League *
* Manager of Application Engineering *
* Mercury Computer Systems *
* --*
* Job openings at Mercury can be found on my personal WWW page *
* --*
* Personal Web Page http://www.ultranet.com/~bob/ *
***/

5138. QSL routes?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: donnovyjr@aol.com
Message-ID: <5412ok$n8b@newsbf02.news.aol.com>
Source record: 214731

I am looking for QSL routes for CW QSOs with the following stations. Is this kind of information available from any Web sites? I don't work enough DX to justify the cost of subscribing to a DX newsletter to get current information.

C6AFV 2/18/95
C6AHX 11/27/94
CE3F 11/26/95
CK7A 11/25/95
CK7U 5/28/95
CQ3X 5/28/95
CR3P 11/27/94
CT2A 5/28/95
CV5A 11/27/94
CX0CW 11/26/95
DX1EA 5/28/95
FM5CD 5/19/96
HG8ITU 5/26/96
II2K 5/28/95 and 5/25/96
IO2L 5/25/96
IQ3A 5/25/96
IQ4A 5/25/96
IQ4T 5/25/96
IR2W 5/25/96
OH2M 11/27/94
OH5M 5/28/95
OH7X 11/26/94
OI1JD 5/25/96
OL7O 11/26/94
OM5M 5/28/95
PJ2JB 3/23/95
PJ9U 11/26/94
PS2A 5/28/95
S58A 5/26/96
TF0KW 5/27/95
TI1C 2/17/96
TI2C 11/26/94
TO5A 2/17/96
VA7A 5/27/95 and 5/25/96
VP5VW 11/26/94
WH2H 5/28/95
XA5T 5/25/96
YJ0ADJ 3/5/95
YT0EXY 5/27/95

YT0W 5/26/96
ZF8BS 11/27/94
ZZ2E 2/17/96
4N0AV 5/27/95

Thanks for your help,

Don Novy
WB9NMN
DonNovy@aol.com
don_novy@cc.com

5139. Re: Libel me, Think.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: <>
Message-ID: <541141$ae6@news-s01.ca.us.ibm.net>
Source record: 214732

In <3262D823.31F3@ccsnet.com>, Burt Fisher <k1oik@ccsnet.com> writes:
>Casey wrote:
>>
>> This guy got his ass run off the HF bands for the same thing he's
>> pulling here. Some guy made some threats toward him and he ran
>> away selling his equipment. Thats why he hates hams and calls
>> them pigs. He is a mental case and needs help. Ask his wife.
>
>My HF gear is still here and running just fine.
>Lots of people made threats towards me but I never take
>a ham threat seriously.
>I do not hate hams, I hate they way many act. Contesters are pigs
>othewr hams merely have no life.
>My wife hates hams, my daughter hates ham and my daughter
>wants to turn in her license.
>Ask her.
>
>#================#===#
>| Burt Fisher | Teacher of video, broadcasting and electronics |
>| Amateur call | South Dennis, Ma. (Cape Cod) |
>| K1OIK | If you sit on the fence, it is a pain in the butt|
>#================#===#
>| k1oik@ccsnet.com |
>#===#
>If you try to milk too much, you won't get a drop
>Samantha Fisher

Hmmm. Let me get this straight. Burt's wife (must be a saint) HATES HAMS, Burt's daughter HATES HAMS, think ya might be in a little trouble there, Burt. As far as turning in her license, I think there is no problem doing that, just tear it in two and mail it in. While your at it, beat the rush, save the postage, and toss yours in too.
regards - Jim

5140. Re: ** FLEA at MIT ** Sunday 20 October Cambridge MA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: Richard Hager <rhager@millcomm.com>
Message-ID: <32641104.2957@millcomm.com>
Source record: 214733
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,sci.electronics.misc,ne.forsale,ne.general,rec.radio.amateur.homebrew

Xochi Zen wrote:
>
> One thing that I've found
> is that *some* of the dealers there sell stuff that doesn't work and
> refuse to take anything back.

> I'd like to see the dealers at the MIT flea market be held to this sort of
> policy. If people don't have ethical standards, I say *impose* some on
> them.
>
> - Xochi--

Great. More government bullshit, to coddle us and protect us from ourselves. And then we won't have flea markets at all anymore! Or any other place to take a chance, and get a good price in exchange for the risk.

This 'wanting of someone else to be responsible' really frightens me. It's becoming so pervasive in our society. People need to get back to being willing to be responsible for the results of their own decisions.

You go to a flea market. You see something you think is a good deal. YOU have to decide whether its value to you at that price is worth the risk that it might not work.

It's a -flea market- for god's sake! It's not Sears. It's -supposed- to be full of junk that might not work, but is cheap enough to take a chance on. That's the fun part!

If you require that a vendor be willing to take back non-working gear, then make that clear to him up-front. If he'll give you a written warranty that it works, then you have an ethical and legal recourse if it doesn't.

If he's unwilling to give such a warranty, then -you- are responsible for walking away from the deal, or deciding to take a chance on it. He has done nothing wrong by refusing such a warranty.

There are many reasons he may not want to give a warranty, which have nothing to do with his ethics. Maybe he feels that at the price he's getting, he can't afford the time to mess with warranties, returns, paperwork, etc.. That's reasonable. If you don't agree, you don't have to buy it!

I know I feel that way when I sell an old 'scope for, say, $35. A warranty? For $35? Are you kidding me? For $350, maybe... But for $35, I never want to see it again.

Having said all that, I do appreciate when sellers state their knowledge of the condition on a tag (or in a newsgroup posting), even if it's just 'don't know, haven't tested it'. Any info at all helps the decision making process.

Richard Hager

+ Ah-ha! Design Group, Inc. -
+ Precision CNC Technology, since 1991 -
+ 612-641-1797, Fax: 612-641-8681 -
+ "I just like to build stuff" So... -
+ for CNC info, don't email me, call -
+ or email Ah-ha! directly. Thanks! -
+ www.gdic.com/ahha email: ahha@gdic.com -

5141. Re: ** FLEA at MIT ** Sunday 20 October Cambridge MA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: Peter Gottlieb <peter_gottlieb@msn.com>
Message-ID: <01bbbaf3$6eef0cc0$27132399@peter-s>
Source record: 214734
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,sci.electronics.misc,ne.forsale,ne.general,rec.radio.amateur.homebrew

allen <allenh@tiac.net> wrote in article
<540a4p$2us@news-central.tiac.net>...
> x@apocalypse.org (Xochi Zen) wrote:
>
> A better bet for old electronics gear
> >is probably the Electronics Superstore (in Waltham... or is it Woburn?).
> >They'll refund your money if you buy something from them and find that
it
> >doesn't work when you get it home.
>
> They used to be in Woburn but I couldn't find them about a month ago.
> I believe that they have moved it all to New Hampshire (darn) . Is Eli

> still in Cambridge ? Does anyone know of others in the area ? I know of

> U DO IT in Needham also .
>

I found out that they moved to a small storefront in Cumings Park (around
the corner) but only sell new computer stuff there. Two stores away from
another similar store, near Comp USA (or whatever that big store on
Washington
St. is). They still sell surplus stuff in their NH store, but it is a haul
to get
there.

Probably for the best, as their prices were getting stratospheric and
selection
dwindling.

I moved to NY a couple of years ago but still visit the area once and a
while.
Any new places?

Oh, yes, try checking out Parker Products in Reading, not far away. He has
lots of solar stuff and a few old buildings full of JUNK. Mostly he likes
to do
mail order but if you talk nice he will let you scrounge around. Really
worth
it... some weird stuff like fiber optic image plates, raw pure silicon
chunks,
strange test equipment. Bring a good flashlight!!

...Peter

5142. Re: CW Forever

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: Tim Raffety <Tim_Raffety@Oxy.com>
Message-ID: <3264197D.67F3@Oxy.com>
Source record: 214735

Steve - KF2TI, NJ wrote:
>
> > carl@ais.net (Carl Stevenson) writes:
>
> >
> > We no-code advocates are NOT suggesting that the USE of code should be
> > banned ... on the contrary, we've even suggested setting up a small CW
> > ONLY segment (perhaps the lower 25kHz of each HF band) that would
> > provide a sanctuary for you folks to practice your antique methods into
> > the next century without having to compete with more effective
> > techniques ...
>
> In over 300 post, even when asked nicely, you have yet to mention one
> of your super secret more effective techniques for the HF bands.
>
> So in all fairness
>
> So, what say you? Or will you at least enumerate your REAL reasons if
> you personally would insist on eliminating the code test.
> >
> > Carl - wa6vse
> > carl@ais.net
>
> I impressed zippy, no spelling mistakes, but also
> no FUD mentions, no calling someone an A**H***
> or telling them they're full of Bulls***.
>
> What's wrong??

I think CW is a cool way of communicating! It's exciting to work a guy QRP CW and trying out new antennas to see which one works best. All in all, this hobby offers something for everyone, but get use to the CW now because it's here until at least 1999.

5143. Re: Ham Gear for Sale....

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: Tim Raffety <Tim_Raffety@Oxy.com>
Message-ID: <32641B75.4BDB@Oxy.com>
Source record: 214736

```
Bob Levine wrote:
>
> In article <53s8ii$531@dfw-ixnews10.ix.netcom.com>, Robert Bennett
<bdbennet@ix.netcom.com> writes:
> -->In article <MPG.cc886338ade4d1f98968e@news.zippo.com>,
> --> farmboy@rollanet.org (Jim Roberson) wrote:
> -->
> -->Are you sure you married the right woman???
> -->
> -->
> -->>I have the following Ham Gear FOR SALE....
> -->>
> -->>Kenwood TS-450AT w/ narrow SB Filter and Heil Desk Mic. It's in
> -->>Mint Condition and works fine. Price: $ 750.00 + shipping
> -->>
> -->>Nye Viking Roller Inductor Tuner Model MB-V-A . Great Shape & Works
> -->>Fine. Price: $ 400.00 + shipping
> -->>
> -->>Henry 2k-4 Console Amp. Has new transformer. Works Great and Looks
> -->>just as good. Because of size this is pickup only.... Price: $ 750.00
> -->>
> -->>Reason for selling is that I just got married a few months ago and
> -->>either the Ham Gear or me go.
> -->>
> -->>Make all replys to:
> -->>
> -->>farmboy@rollanet.org
> -->>
> -->>Thanks for reading....
> -->>
> -->>Jim
> -->>
> -->
> -->
>
> What about the vow, 'till death do us part"? Then again, maybe she'll
> kill you if you don't sell them!
>
> --
> /**********************************************************************
> * Bob Levine *
> * KD1GG/VK2GYN/7J1AIS *
> * KB1BRM: Anti-Algonquin Amateur Radio League *
> * Manager of Application Engineering *
```

> * Mercury Computer Systems *
> * --*
> * Opinions expressed in this message are my own personal opinions *
> * --*
> * Personal Web Page http://www.ultranet.com/~bob/ *
> **/My vow is...give me DX of give me death.

5144. UK: WTP - ICs

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: keith@g8eap.demon.co.uk
Message-ID: <845421745snz@g8eap.demon.co.uk>
Source record: 214737
Cross-posted to: uk.radio.amateur,rec.radio.amateur.misc

Hi All

A Friend of mine is interested in obtaining two particular ICs, namely the AM7910 and the TCM3105.

Any help appreciated.

73 de Keith G8EAP and G0WQD

5145. Re: ** FLEA at MIT ** Sunday 20 October Cambridge MA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: Peter Gottlieb <peter_gottlieb@msn.com>
Message-ID: <01bbbaf3$fad36d80$27132399@peter-s>
Source record: 214738
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,sci.electronics.misc,ne.forsale,ne.general,rec.radio.amateur.homebrew

Xochi Zen <x@apocalypse.org> wrote in article
<5409dq$q0d@asylum.apocalypse.org>...
>
> Is this the one where cantankerous old men sell stuff that their
> wives have been begging them to get rid of? One thing that I've found
> is that *some* of the dealers there sell stuff that doesn't work and
> refuse to take anything back.

Buyer beware. You ARE at a FLEA MARKET !

...Peter

5146. Re: Code or No Code...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: carl@ais.net
Message-ID: <541336$7m4@news.ais.net>
Source record: 214739

In <01BBB973.E6AB8A80@yhc.yhc.edu>, bgeiger@yhc.EDU (Benjamin Geiger) writes:
>I posted the original article, and maybe I should clarify what I said. =
>As far as the "morse is the most readable" claims, I don't have any =
>proof, but I still believe it from my own experience.

With no intent to flame you or show disrespect, your experience has misled you. It is well-accepted in the engineering community that there are many modulation and coding combinations that are FAR more effective than OOK Morse in the face if poor channel conditions such a fading, interference, and noise ...

>And in regards to my claim as to hams having to "work" for their =
>licenses... my only excuse is that that message was written at 3 AM...

A reasonable explaination ...

>I agree with Mr. Stevenson about the technical knowledge. Maybe I was
>referring to those people who try to get a high level license by simply
>reading one or two books and knowing code(which I still support). Let =
>me rephrase my original statement: Hams should not be able to get =
>priveleges without having the requisite knowledge, and actually KNOWING =
>the material, instead of memorizing answers. It's 3 AM again, so I'm =
>not thinking straight, but I reread my statements and have confirmed =
>them.

Came through loud and clear and coherent.

73,
Carl - wa6vse
carl@ais.net

5147. Re: Dealing with contest pigs (hams).

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: carl@ais.net
Message-ID: <5413ai$7m4@news.ais.net>
Source record: 214740
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <5404oa$3i5g@news-s01.ca.us.ibm.net>, rogerjb@ibm.net writes:
>
>This is where I, and I believe others, part company with you. Fact is, this
>sort of behavior occurs mainly during contesting, and is one of the hallmarks
>of contesting. Individuals who don't do this kind of stuff any other time for
>whatever reason seem to feel free to do it during contesting. I guess that is
>because the contest actually rewards this kind of behavior with a higher score.
>
>Contesting, in other words, actually incents this sort of bad behavior. That is
>why so much of it is committed by contesters.
>

Roger,

I agree with you from my own obeservations in the past ... contests are
sort of like personal watercraft (jet-skis) ...

I lived for 5 years on a 42 foot cruising sailboat, and it never ceased
to amaze me how a jet-ski could transform what appeared to be otherwise
normal, reasonably considerate, reasonably intelligent people into
idiotic, flaming assholes. Contests, unfortunately have the same effect
on some (not all, but some) people.

Carl - wa6vse
carl@ais.net

5148. Re: Handheld Dual Bands - who makes the best one?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: bnb@mindspring.com
Message-ID: <3263f4f4.922245@news.mindspring.com>
Source record: 214741

jhawkins@teleport.com (Jeff Hawkins) wrote:

>I'm just now working on my no-code tech license and I'm looking at a dual band
>handheld as my first radio. Does anyone have any suggestions as to the best

I just bought (a few weeks ago) a Yaesu FT-50R that I'm quite pleased
with. I especially like being able to program it with a PC. It has a
very sensitive receiver and really neat features. Whatever you get,
get the speaker mic. you'll appreciate that, especially if you are
going to use it in the car with external antenna and DC power from the
cig lighter. Also, if you can afford it, get the rapid charger - I
never had one before, but it's well worth the $, it's great to get a
full charge in an hour. I also have a Alinco DJ-580T (now the 582)
which has been a good and reliable ht, but I will now sell to help pay
for a mobile rig, now that I've got the Yaesu.

Good luck on getting your ticket.

Regards, Bob Good, AE4XG

5149. How to build a 800MHz Yagi?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: dvmclhk <dvmclhk@hk.super.net>
Message-ID: <3264003B.2B1C@hk.super.net>
Source record: 214742

Hi,

I wish to build a 830MHz 6 element data transmission YAGI myself.

Can anyone tell me how to build one. It would be nice if someone

can supply me with the specification of such Yagi (e.g. the

element position from rear of boom, element length.....e.t.c.).

Is there anything special about the driven element of 800MHz

Yagi? Do we build them the same way as building a 2 Meters

band Yagi?

Thank you

Mr R Ho (AK)
dvmrho@hk.super.net
16-Oct-96

5150. Ham Radio No-Code Technician Exam in VA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: "John J. Crocker" <crockjj@mnsinc.com>
Message-ID: <326440D5.2EB7@mnsinc.com>
Source record: 214743

Help -- My sanity is at stake. My wife wants to take the exam, but
cannot locate info. Lost in Manassas, VA. . . . .

5151. Re: 1996 Jamboree On The Air

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: Glenn Letts <gletts@execpc.com>
Message-ID: <32640726.5A2@execpc.com>
Source record: 214744

Potawatomi Council, Wisconsin will also be on HF, 6m and 2m Sat 19 Oct
from 9AM till 2PM CDT using the call WA9BPG. Listen for us.

Glenn
N9NLO

5152. Re: Code or No Code...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <541gcd$8kp@anomaly.ideamation.com>
Source record: 214745

In article <541336$7m4@news.ais.net>, Carl Stevenson <carl@ais.net> wrote:

>It is well-accepted in the engineering community that there
>are many modulation and coding combinations that are FAR more effective
>than OOK Morse in the face if poor channel conditions such a fading,
>interference, and noise ...

That's nice. How many of these are in use in the amateur bands? How
many are available in commerically-available ham gear?

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

5153. 9600 baud packet on FT5100...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: Bjarke Korsgaard <bjmko@tdk.dk>
Message-ID: <3264770D.7E53@gatekeeeper.teledanmark.dk>
Source record: 214746

Hello Radio Amateur freaks

Do anyone know if it is possible to make the YAESU FT5100 run 9600 baud packet? How do I make the modifications? All hints are pleased.

Yours faithfully

OZ2BKK (from Denmark in Scandinavia)

5154. Re: ** FLEA at MIT ** Sunday 20 October Cambridge MA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: allen <allenh@tiac.net>
Message-ID: <540a4p$2us@news-central.tiac.net>
Source record: 214747
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,sci.electronics.misc,ne.forsale,ne.general,rec.radio.amateur.homebrew

x@apocalypse.org (Xochi Zen) wrote:

A better bet for old electronics gear
>is probably the Electronics Superstore (in Waltham... or is it Woburn?).
>They'll refund your money if you buy something from them and find that it
>doesn't work when you get it home.

They used to be in Woburn but I couldn't find them about a month ago.
I believe that they have moved it all to New Hampshire (darn) . Is Eli
still in Cambridge ? Does anyone know of others in the area ? I know of
U DO IT in Needham also .

A.

5155. Re: Can Amatuer Radio survive ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: Kevin Jessup <kevin.jessup@mail.mei.com>
Message-ID: <32642B80.7EDE@mail.mei.com>
Source record: 214748

Gary Coffman wrote:
>
> In article <3261A15D.7530@mail.mei.com> Kevin Jessup <kevin.jessup@mail.mei.com> writes:
> >CW or not, what is the big deal about HF?? Why should we care?
>
> It is the poor man's submarine cable or geosync satellite relay.
> Amateurs can't afford to do continental or intercontinental networking
> the same way the big commercial outfits do.

Maybe I should have rephrased that. Rather than, "Why should
we care?", how about, "Why should it be favored by the amateur
radio incentive system?"

What is the big deal about intercontinent!!?? Why go applying
the same old "DX mentality" to digital, networked data?

What if I just want to build a very local SS multimedia network among
friends in town and add wireless net access right into my home
LINUX box (that has an ISDN line into the internet)? Will amateur
radio let me do that at high speeds using DS SS and a reasonable
chip code? No. Will amateur radio let us toy with the kind of
multimedia, portable, wireless units the pro-future telecomm marketing
types can still only dream about? No. Yet this is EXACTLY the kind of
experimentation on UHF and up that will save our bands from the commercial
giants. Sorry, but CW moonbounce aint gonna do it.

Now I know all about requesting "special operating permission" from
the FCC. But SS has been done time and again in the commercial
and military world. We don't need to show proof of concept.
Open the bands and let us DO IT. Let us implement some real
systems, not just some kludge illustrating the basics.

No, Gary, I am NOT against HF. I am against an emphasis on it.
And our incentive system does just that.

>Our networks are sparse,
> we can't afford to setup a microwave relay site every 30 miles or lay

I have a feeling amateur radio would be very very surprised at what it
could do if it put as much time and effort into building such a network
as it does contesting, collecting QSL cards and testing for Morse code
proficiency. I have a feeling amateur radio would be very surpised
at what it could do if it gave as much priority and tower space to local
RF TCP/IP nodes as they to do analog repeater antennas. I have a feeling
amateur radio would be very surprised at what it could do if it's members
started thinking cooperative, RF networks instead of mostly big, fat,

expensive HF rigs, towers and amps. This "lone RF outpost in the
wilderness" mentality is killing us.

> underground fiber, and we can't afford to lay submarine cables either.

Why do we have to JUMP from doing virtually nothing to duplicating
the world's telecommunications infrastructure? Is there no middle
ground? I guess while some people see possibilities, others only
see problems.

> We have satellites, but their capacity is limited, and since they are
> low orbit, latency and availability are unsatisfactory. Geosync remains
> financially out of our reach, and likely will remain out of our reach
> for a long time to come. That leaves HF as our only long haul alternative.
> It is equivalent to about $100 million in geosync satellite capacity.

I never asked to eliminate HF. I was talking about a bass-ackwards
incentive system that thumbs it's nose at 21st century communication
methods.

> Our VHF+ spectrum is very valuable, and growing more so daily, but
> it can't substitute for HF when we need long haul communications.

Yeah, yeah, yeah. We have plenty of expertise in long haul analog
on HF. Why must every new mode that comes out be held up against
analog, HF, DX?? Nobody is suggesting we build Gigabyte/sec networks
across the atlantic. The high-speed digital mutimedia RF fun can be
had right in your own back yard and within your immediate community.

Sometimes I feel that rather than expertise, what the members of
this hobby really lack is imagination.

> Most activity at VHF+ faces only an AGWN environment, and that's
> the easiest one to master. So VHF+ doesn't offer the challenge to
> the developer that HF offers. HF is a far from benign environment,
> and strongly challenges us to design equipment that can deal with
> its rigors while still maintaining good throughput. That makes it
> interesting.

I prefer UHF and up. Gee...PCS, GSM, IS95 and IS54 are not challenging?
Smaller amateur versions of the same would be trivial to implement?
Well I guess I better get on HF and learn something REALLY cool. ;->

-- "Rest enough for the individual man - [but] too
Kevin Jessup much or too soon and we call it Death. But for
software engineer MAN, no rest and no ending. He must go on,
Marquette Medical Systems conquest beyond conquest...and when he has
http://www.mei.com conquered all the depths of space and all the
PGP Email preferred mysteries of time, still he will be beginning."
kevin.jessup@meipws.mis.mei.com -- H.G. Wells, Things To Come

5156. Can Amatuer Radio survive

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: Roland.Stiner@cybernet.magsystems.com
Message-ID: <c31_9610160400@magsystems.com>
Source record: 214749

K>Will it be alive, as we know it, in 10-20 yrs.? Your opinions please.

I just hope the service continues in this shape through the coming sun spot cycle. After that, there's not much hope.

OLX 1.53 ...73 DE: NK2U@CYBERNET.MAGSYSTEMS.COM

--

5157. Re: ** FLEA at MIT ** Sunday 20 October Cambridge MA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: rstevew@armory.com
Message-ID: <540t7d$4om@news.scruz.net>
Source record: 214750
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,sci.electronics.misc,ne.forsale,ne.general,rec.radio.amateur.homebrew

In article <5409dq$q0d@asylum.apocalypse.org>,
Xochi Zen <x@apocalypse.org> wrote:
>
>Is this the one where cantankerous old men sell stuff that their
>wives have been begging them to get rid of? One thing that I've found
>is that *some* of the dealers there sell stuff that doesn't work and
>refuse to take anything back. A better bet for old electronics gear
>is probably the Electronics Superstore (in Waltham... or is it Woburn?).
>They'll refund your money if you buy something from them and find that it
>doesn't work when you get it home.
>
>I'd like to see the dealers at the MIT flea market be held to this sort of
>policy. If people don't have ethical standards, I say *impose* some on
>them.
>
>--
>| | " 'Slack' is the point between something and nothing
>| Xochi Zen | where you can get something for nothing."
>| x@apocalypse.org | - Robert Anton Wilson

If you think this, then you are merely presumptuous. Anyone who buys
something at a flea and expects it to work at home is a fool. To
obtain true "slack" you must NOT be a fool!! The trick is to pay
little enough for it that it is worth no more than its parts, and
where your intelligence and carefully acquired talent can either use
those parts for FAR more than their used cost, or even make it
function again!! If there were not idiots who drive the prices up with
their gullibility, then the prices would remain at that fair "slack"
value of only their exchange cost. Better to *impose* a basic intelligence
quotient in the used value of old electronics on all who come to buy
than limit what can be sold!! Should be a BIG SIGN up saying:
****
* "Items that don't work when you get home are entirely your fault *
* for being stupid enough to pay more for them than they are worth *
* if they were a pile of working and non-working parts on a table! *
* Your stupidity drives up prices on everyone else! If you want to *
* come here stupid then have enough sense to ask opinions of value *
* from people around you but don't believe anything you hear also! *
* IN THIS LIFE, YOU ARE ON YOUR OWN!!! DON'T PISS AND MOAN! THINK! *
****
(Oh, by the way, Xochi Zen, I like your sig!! ;->)
-Steve
--

-Steve Walz rstevew@armory.com http://www.armory.com/~rstevew/
-Lots of New FTP Electronics Stuff!! 600 Files/37 Dirs (Full Mirror ==> *)
--
-Steve Walz rstevew@armory.com ftp://ftp.armory.com:/pub/user/rstevew *
Europe:(Italy) ftp://ftp.cised.unina.it:/pub/electronics/ftp.armory.com *
Oz: (Australia) ftp://gold.apana.org.au:/pub/electronics/ftp.armory.com *
(U.Cinci) ftp://ieee.cas.uc.edu:/pub/electronics/mirrors/ftp.armory.com *

5158. CVI

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: bhorne@lynx.dac.neu.edu
Message-ID: <5415sd$brl@chaos.dac.neu.edu>
Source record: 214751

: From: hbcsc274@huey.csun.edu (jerry wang)
: Subject: Help: RFI with TV

: I just installed a 2-meter 5/8 wave vertical mag mount antenna on top of
: the air conditioner on the roof. My radio is a Radio Shack HTX 212
: mobile used as a base station. Whenever I transmit on any 2 meter
: frequency, channel 18 goes out
: on all of my tv's. The tv's are hooked up to cable, and not antennas.
: My neighbor's who also has cable has channel 18 go out when I transmit as
: well. My minimum transmit power is 10 watts on the HTX 212.
: Even at low power, channel 18 goes out with a bunch of snow on the
: screen. As soon as I let go of the PTT, it's back to normal.
: It only happens on channel 18. How can I fix this?
: Btw, the roof is about 20 feet up.
: Any help is appreciated.

: jerry - ke6uux

Jerry,

Well, technically, you probably can't. As best I remember (CATV guys
help me out here), the frequencies used by cable tv are:

82-88 ch. 6
88-108 FM radio (untouched)
108-118 Aircraft aids to navigation (Noone dares to touch!)
118-124 ch 14
124-130 15
130-136 16
136-142 17
142-148 18

In other words, your cable company is allowing your two meter energy to
leak into its system. Call the cable provider (or have the neighbor do
it) and ask them for help: most likely, someone ran a 'free' extension
using twin lead. Good luck.
--

Bill "hoping for W4BH" Horne, AA1ES
bhorne@lynx.neu.edu

5159. repeaters

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: sjackson@Infobahnos.com
Message-ID: <53uo7u$8qm@faith.total.net>
Source record: 214768

Could some one tell me if it is possible to transmit by chaining through one repeater to another, so as to increase range, on the uhf or vhf bands?

I am new to this so please forgive me if my question is utterly ludicrous. Thank you.

5160. Want a Free Web page ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: intergen@usa.net
Message-ID: <53uodm$oi5@boursy.news.erols.com>
Source record: 214769

```
------------------------------------------------------------
! FOR YOUR FREE WEB PAGE WITH NO INVESTMENT REQUIRED CHECK !
! MY HOME PAGE AT: http://www.gldb.com/htm/RFC60850.htm !
! "Let the INTERNET work for you" !
------------------------------------------------------------
```

5161. Re: New "code" test paramters .

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: carl@ais.net
Message-ID: <53upmb$pjj@news.ais.net>
Source record: 214770

In <3262C97F.691@worldnet.att.net>, David Solomon <DSolomon@worldnet.att.net> writes:
>Jim Conn wrote:
>>
>> kk5dr@io.com wrote:
>> >
>> > I propose that we "de-emphasize the CW part of Amatuer tests, making the test a total cumulative, type test,
>> > where in the failure of any one element is not a total failure. I.E. The code part would count for only 30% of the
>> > total score, if you can pass the "theory" witha perfect 70%, yet fail the CW part , you would still pass, and if
>> > you got 5-20% of the CW, you would be able to lose part of the theory, and still pass the over-all total of at
>> > least 70% score .
>> > What do you think of this idea ?
>> > Hey, FCC, ARRL, what about it ??
>> > A "compromise", for the "coders & the non-coders" arguements.

>> If you pass the written part of your drivers test, but fail the eye exam
>should they grant driving privileges?

No ... more like "If you get all of the other questions right, but fail
to recognize one single sign, should you be denied your license."

The eye test relates directly to safety of operation, the CW test DOES
NOT.

Another mindless strawman from the pro-code side bites the dust.

Carl - wa6vse
carl@ais.net

5162. Re: Ham Gear for Sale....

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: Tom Valenti <valenti@eskimo.com>
Message-ID: <DzAuGM.FGA@eskimo.com>
Source record: 214771
Cross-posted to: rec.ham-radio,rec.ham-radio.swap,rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.swap,rec.radio.swap

Well SAID ol' wise one.

Tom KB7RSK Seattle

5163. Re: MONEY, JUST FOR ASKING

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: Robert Bennett <bdbennet@ix.netcom.com>
Message-ID: <53v5m5$8rr@dfw-ixnews4.ix.netcom.com>
Source record: 214772

In article <53uofb$dt6@news.interlog.com>,
josmen@interlog.com (Menna Marketing) wrote:

>Take 5 minutes to read this. It will be the best decision you will ever
make.
>
>On July 8, 1996, I saw an article in an internet newsgroup telling me I
could
>make $50,000.00 within a month for an investment of only $5.00. I thought
it
>was a huge joke. I spoke to my attorney, friends and wife about it, and
they
>all agreed it was some kind of scam. I can't stand scams, because usually
>someone gets burned, and I didn't want it to be me. After rejecting the
idea at
>first, I realized all I had to lose was the $5.00 in my wallet, and not
much
>else.
>
>So, needing more than just $5.00, i figured what the heck, and gave it a
try.
>Two weeks later, I began receiving money in the mail! I could not baelieve
it!
>You begin to walk out to your mailbox and just wonder how much money will
be
>there today. Wil it be $25, $100, or more?? It came from everywhere in
the
>world. As the money kept adding up, I just kept paying off bills. Now,
when I
>get my paycheck I actually have money left over and can go out and have
fun. If
>you follow the three steps below, there is no reason why the same shouldn't
>happen to you.
>
>This is a legitimate investment opportunity. You invest $5.00, and you
receive
>a return on your investment. So does the next investor. NOT ILLEGAL, NOT
A
>CHAIN LETTER -- PERFECTLY LEGITIMATE. If you are not interested, then
don't
>participate, but please print this article and pass it on to someone who
may be
>interested, so they can take advantage.
>

>THE PROCEDURE IS SIMPLE:
>
>1) Write your name and address on 5 sheets of paper. Below that, write
the
>words, "Please add me to your mailing list." Send $1.00 with the sheet of
paper
>and mail them to the following 5 addresses:
>
>1) M.Hache, P.O. Box 364, Shippagan, N.B. Canada E0B 2P0
>2) S.T.O., P.O. Box 1262, laurel, MD 20725-1262
>3) Mr. S, P.O. Box 1306, miles City, MT 59301
>4) Erik B., 2243 Northtree Ct NE, Keizer, OR 97303
>5) Joe Menna, 18 Glen Hollow Avenue, Etobicoke, Ontario M9W 6C6
>
>2) Now remove the top name from the list, and move the other four names
up.
>In other words, #5 becomes #4, #4 becomes #3, and so on. Put YOUR NAME as
the
>fifth one on the list. You can do this by simply retyping the article or
>reposting it to other newsgroups with the edited addresses.
>
>3) Post the article to at least 200 newsgroups. There are 17,000, so it
should
>not be hard to find that many. You are now in the mail order investment
>business, and should start seeing returns within a week or two. The more
you
>post to, the greater your return will be.
>
>Now, here is why the system works:
>Of every 200 posts I made, I received 5 responses. Yes, only 5. You make
$5.00
>for every 200 posts with your name at #5. Each person who sent you $1.00
now
>also makes 200 additional postings with your name at #4, etc. On average
>therefore, 50 people will send you $1.00 with your name at #4. Your 50 new
>agents make 200 postings each with your name at #3, or 10,000 postings.
Average
>return 500 people=$500. They make 200 postings each with your name at
>#2=100,000 postings=5000 return at $1.00 each=$500. Finally, 5,000 people
make
>200 postings with your name at #1 and you get a return of $50,000 before
your
>name drops off the list. AND THAT IS IF EVERYONE DOWN THE LINE MAKES 200
>POSTINGS! Total income in one cycle is $55,000.
>
>From time to time, when you see your name no longer on the list, you take
the
>latest posting that appears in the newsgroups, and send out another $5.00,
and
>start posting again. Remember, 200 postings is only a guideline. Some

people
>have said to me, when happens if no one send me any money? Big Deal, so
you
>lose $5.00, but what are the chances of that happening? There are millions
of
>internet users, and millions of new net surfers every month.
>
>Remember - read the instructions carefully, and play fairly. That's the
only
>way this will work. Get a printout so you can refer back to this article
>easily. Try to keep a list of everyone that sent you money and always keep
an
>eye on the postings to make sure everyone is playing fairly. You know
where
>your name should be. REMEMBER -- HONESTY IS THE BEST POLICY. ENJOY.
>
>

You know this is illegal, it is a chain letter pure and simple.

5164. Re: Ham Gear for Sale....

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: billn@PEAK.ORG
Message-ID: <53v5ip$c83@bashir.peak.org>
Source record: 214773
Cross-posted to: rec.ham-radio,rec.ham-radio.swap,rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.swap,rec.radio.swap

Ramon Gandia (rfg.at.nome.dot.net@no.spam.please) wrote:

: Ramon Gandia, Nome, Alaska | rfg.at.nome.dot.net
: AL7X S/V Seven Stars |
: 907-443-2437 fax 907-443-2487 | where at=@ dot=period

Hm. rfg.@.nome...net

I doubt if most systems could handle that. I think you should be
using rfgatnomedotnet.

Bill

5165. Re: Code or No Code...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: jjo@tekla.fi
Message-ID: <JJO.96Oct15083223@ds10.tekla.fi>
Source record: 214774

In article <326280FB.2397@gte.net> Jim Conn <jconn@gte.net> writes:
only, and should not be counted as anything more. I strongly dispute his assertion that ham radio has been "stagnating". Where's the proof? Ham radio is as vibrant and alive as ever, perhaps more so.

You might want to look at the statistics showing how the hams are getting older and older and there are not nearly enough young ones to enter the hobby. In Finland, the average ham age in the last 4 years has increased by 3 years. That means pretty clearly that young men and women are not entering the hobby. Guess what happens when the large post-war generations get old within the next 15 to 20 years or so.

--
Jari Jokiniemi, jari.jokiniemi@tekla.fi, OH2MPO, OH3BU
Tekla Oy, Koronakatu 1, 02210 Espoo, 90-8879 474

5166. Re: ~FCC closes down all 12 monitoring stations

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: "Douglas \"Lonely Planet Boy\" Shawhan" <lysdexia@evansville.net>
Message-ID: <Pine.SOL.3.91.961015003321.7430C-100000@world.evansville.net>
Source record: 214775
Cross-posted to: rec.radio.amateur.misc,rec.radio.cb,alt.radio.pirate,rec.radio.scanner

On 8 Oct 1996, Jim Reid wrote:

>
>
> au <au@ix.netcom.com> wrote in article >
<53ct1f$58d@dfw-ixnews11.ix.netcom.com>... > > From Mobile Radio
Technology Oct '96: > > > > "The FCC has closed all 12 of it's monitoring
stations. " > > However, they ARE still monitoring from many of these >
same sights, remotely. The data is sent to a central > monitoring station
near Washington DC, I believe. So > the FCC is still monitoring both
commercial and amateur > activity in both the HF and VHF spectrum areas.
They > have to, by law, I believe. This is another example of > Ann
Rands(Sp?) thesis that eventually all jobs for > most people will be taken
over by computers and > machines. Only the very brilliant few will remain
useful > to the on going economy and whatever life style will exist > for
the un and under employed. > > 73, Jim, AH6NB > > Hmmmmmm..... I would say
au <au@ix.netcom.com> wrote in article
> <53ct1f$58d@dfw-ixnews11.ix.netcom.com>...
> > From Mobile Radio Technology Oct '96:
> >
> > "The FCC has closed all 12 of it's monitoring stations. "
>
> However, they ARE still monitoring from many of these
> same sights, remotely. The data is sent to a central
> monitoring station near Washington DC, I believe. So
> the FCC is still monitoring both commercial and amateur
> activity in both the HF and VHF spectrum areas. They
> have to, by law, I believe. This is another example of
> Ann Rands(Sp?) thesis that eventually all jobs for
> most people will be taken over by computers and
> machines. Only the very brilliant few will remain useful
> to the on going economy and whatever life style will exist
> for the un and under employed.
>
> 73, Jim, AH6NB
>
>

Hmmmm..... in this case the most moderate and sensitive answer to those
former FCC employees would be: HAR HAR! CRAWL INTO THAT BREADLINE YOU
PARASITES! AHAHAHAHAHAHAHAHAHAAAAA! I'M BUILDING A TRASMITTER IN MY
GARAGE THAT WILL GIVE SATAN AN RF BURN! THEY'RE GONNA HEAR ME JAMMING
HORTON HEAT IN *ASGARD!!* IM GOING TO BROADCAST OPININONS SO LUDICROUS
BIASED AND IRRESPONSIBLE THAT RUSH LIMBAUGH AND HOWARD STERN WILL END IT

ALL IN A CRYPTO-GOOFUS SUICIDE PACT!

ahem Sorry, I guess getting my first Ramsey catalog has made me a bit
uhh..... enthusiastic.

If we can draw the line against the industrial machine in
America, and make it hold, then perhaps in the decades to
come we can gradually force industrialization underground,
where it belongs, and restore to all citizens of our nation
their rightful heritage of breatheable air, drinkable water,
open space, family farm agriculture, a truly democratic
political economy. Why settle for less? -Edward Abbey

5167. Re: What a Wonderful Life.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: hwatson@erinet.com
Message-ID: <53vdfh$8fc@eri.erinet.com>
Source record: 214776

Burt Fisher <k1oik@ccsnet.com> wrote:

>Casey wrote:

>> No, you just like sticking your nose in other peoples business. One
>> day someones going to knock your nose off.

>It surely will not be a ham.
>Hams are gutless.
>Now a U.S. Marine, that I would fear.
>

Ummm Burt, I DO know several marines who are also hams, what about
them? <G>

Howard B. Watson Jr. - N3TNQ - hwatson@erinet.com - Springfield, OH

5168. Where to mount 2m/440 and scanner antennas?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: "Douglas A. Hamilton" <hamilton@bix.com>
Message-ID: <01bbba38$d6e6b780$0f02000a@hamilton>
Source record: 214777

I just picked up a 2m/70cm vertical (9 ft long) and a discone scanner antenna at the Boxboro ham convention a week or so ago and have been thinking over how I'd like to install them.

First thought was a couple masts mounted off the side of my house with brackets, using 1 1/4" EMT (metal tube) as the mast material.

But as I think about it, I'm wondering if that's such a hot idea. I admit I'm not crazy about drill holes in the siding to do the mounts (especially considering some concern that with only lap cedar siding and the underlying pressboard sheathing to screw into, I'm not even sure how much load you can put there). Also, if I put both antennas there, it really is going to look kind of cluttered with ham junk, I admit.

So now I'm wondering whether I might not be better off mounting these two new antennas the same way I'm doing my R7 HF antenna: on a 1 1/2" EMT mast sunk in concrete in the back yard. The EMT tube is 10 feet; after sinking it in the ground, there's still around 7 1/2" above ground.

Obviously height does matter. I'm not trying to ask a silly question. But how much difference (for each) and do I really care. For 2m/440, let's face it: I'm not thinking DX, just going into the various repeaters in the greater Boston area. If I'm not full-quieting, the heck with it, I'll go to a different repeater to ragchew. (Who wants to talk on a repeater with someone you can barely copy?) On the other hand, if the difference in height between a mast on the ground vs. near the top the house is going make a difference hitting Boston from Sudbury (about 20 miles) with 50W, that would be a consideration.

With the scanner, I have even less sense of how much difference to expect or what I might listen to. Realistically, it's probably just the local police and fire, though. :-) Again, almost certainly it's not DX unless it's a question of whether Boston is DX one way versus the other. Btw, the scanner is an Icom 7100 I picked up through rec.radio.swap and have had sitting around waiting for me to hook up an antenna.

Any suggestions would be appreciated.

Regards,
Doug Hamilton KD1UJ hamilton@bix.com Ph 508-440-8307 FAX 508-440-8308
Hamilton Laboratories, 21 Shadow Oak Drive, Sudbury, MA 01776-3165, USA

5169. FS: Radio Shack HTX-202

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: rlogsdon@ix.netcom.com
Message-ID: <53v2gm$19s@sjx-ixn4.ix.netcom.com>
Source record: 214778

HTX-202, 2 mtr HT. Nicad Pack, Alkaline holder, cigarette lighter adapter, wall charger, spkr/mic. 5 year extended warranty good thru June, 2000.

$180.00 shipped lower 48.

Rod Logsdon WK9T ..... wk9t@juno.com

5170. Re: ARRL Elections a Sham, AGAIN!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: Ramon Gandia <rfg.at.nome.dot.net@no.spam.please>
Message-ID: <3263454D.48A0@no.spam.please>
Source record: 214779

William C. (Bill) Wells wrote:

> In this case, the sale of the magazine was arranged prior to the
> election. The buyer and seller were making the final arrangements, all
> prior to the deadline and while all of this was in the process of going
> down - prior to the deadline, Mr. Sumner declared Mr. Ruh's candidacy
> nul and void before the deadline passed.
>

Oops, wrong deadline. The deadline for submitting the application
is such-and-such date; the rule states that the business had to
be divested of PRIOR to submitting the application. If he sent in
the application a month before the deadline, then the business would
have to be sold a month prior to the deadline.

Seems clear to me.

--
In order to foil SpamBots, my e-mail address is not
machine readable. Please reply to address below:

Ramon Gandia, Nome, Alaska | rfg.at.nome.dot.net
AL7X S/V Seven Stars |
907-443-2437 fax 907-443-2487 | where at=@ dot=period

5171. Re: Dealing with Contests

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: hwatson@erinet.com
Message-ID: <53vdqv$8fc@eri.erinet.com>
Source record: 214780

>Nobody wants to "ruin people's fun" by restricting contesting, but by the
>same token why should my fun be ruined >by< contesting? If a small portion
>of each band were reserved for non-contest stations during contests, I
>believe everyone would be a lot happier.

>MD

VERY well put. I myself am planning on giving it a try, but I sure
don't think it should fill every band. I also do not accept the "go
to a WARC band" argument. MANY of the older radios do no have the
WARC bands.

Howard B. Watson Jr. - N3TNQ - hwatson@erinet.com - Springfield, OH

5172. Help x Trident video board sellers

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: fpetagna@mbox.caprinet.it
Message-ID: <53vkq9$2vq@server-b.cs.interbusiness.it>
Source record: 214781

Hallo to All,
could anyone of you there around help me in finding a dealer who
sells the TRIDENT video cards. I have contacted a couple of them in
the USA but they do not accept orders from foreingners.
A good choice would be to find a dealer in Europe to keep the postal
costs low.
Your replays via e-mail possibly :
fpetagna@mbox.caprinet.it

Thanks for the help de IC8POF Filippo in Capri_Island

73 es GL

5173. Re: Dealing with contest pigs (hams).

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <32636E6C.1659@ccsnet.com>
Source record: 214782
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

hamboy@home.net wrote:

> Deal with it PUSSBOY!!! Get a life. Oh, by the way - grab some
> Vagasil and put it on your pussy - it seems to be hurting.
^^^^^
A typical ham. Using a word he never experienced.
Second no one here will call him on his profanity.
Third he posted from a fake address.
All typical of the character of a ham

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#================#===#
|This message was posted from home k1oik@ccsnet.com |
#===#
If you try to milk too much, you won't get a drop
Samantha Fisher

5174. Re: Not a wonderful life, no life.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <32636EF3.48C7@ccsnet.com>
Source record: 214783

Pat Wilson wrote:
>
> But Andrew, to Bert, that is a female. He blows one up every night so he
> will have someone with whom to converse.

Do not transfer to me what you do or need to do.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#================#===#
|This message was posted from home k1oik@ccsnet.com |
#===#
If you try to milk too much, you won't get a drop
Samantha Fisher

5175. Re: What a Wonderful Life.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <32636F3A.6B7B@ccsnet.com>
Source record: 214784

Howard Watson wrote:
>
> Ummm Burt, I DO know several marines who are also hams, what about
> them? <G>

That would concern me but are they clerk types?

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#================#===#
|This message was posted from home k1oik@ccsnet.com |
#===#
If you try to milk too much, you won't get a drop
Samantha Fisher

5176. TS 790A WANTED

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: pc_honde@jet.es
Message-ID: <53vtge$i39@artemis.ibernet.es>
Source record: 214785

I WOULD LIKE TO BUY AN USED TS790A OF KENWOOD FOR A SATELLITE USE.
PLEASE MAKE ME THE OFFERS TO MY E-MAIL PC_HONDE@JET.ES.
MY BEST REGARDS AND 73 DXS.
EA2AFI
PEDRO HONDEVILLE

Christian M. Hondeville Urrutibeheity

Particular de club 2 Phone: +34-4-463 0587
Las Arenas-48930 Fax: +34-4-463 0587
Spain-Espa a E-mail: +34-4-463 0587

5177. ** FLEA at MIT ** Sunday 20 October Cambridge MA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: w1gsl@athena.mit.edu
Message-ID: <53vtkt$mbu@senator-bedfellow.MIT.EDU>
Source record: 214786
Cross-posted to:
rec.radio.swap,rec.radio.amateur.misc,rec.radio.info,sci.electronics.misc,ne.forsale,ne.general,rec.radio.amateur.homebrew

This comming Sunday...
The seasons last....

*** !!!! WE ARE BACK IN THE GARAGE !!!! ****
so come rain or shine or super heat the Flea is on !!!

********* $1 buyers discount with hardcopy of this notice ********

COMPUTERS - ELECTRONICS - HAM RADIO - COMPUTERS - ELECTRONICS - HAM RADIO

FLEA all SUMMER at MIT
October 20th, 1996
9AM-2PM

Come to the city for a great flea - plenty of free parking.

MIT's electronics and ham radio flea will take
place on the third Sunday of each month this summer,
April thru October.

There is tailgate space for over 600 sellers and
free, off-street parking for >1000 cars!

Buyers admission is $4 (you get $1 off if
you're lucky enough to have a copy of our ad)
and sellers spaces are $10.00-each at the gate.

The flea will be held at the corner of Albany and
Main streets in Cambridge; right in the Kendall
Square area from 9AM to 2PM, with sellers set-up
time starting at 7AM.

!! RAIN or SHINE !! Have no fear of rain, a covered
well illuminated tailgate area is available for all
sellers (6'8" clearance).

Talk-in: 146.52 and W1XM/R-449.725/444.725 (PL 114.8/2A).

Sponsors: MIT Electronics Research Society
MIT UHF Repeater Association (W1XM)
MIT Radio Society (W1MX)
Harvard Wireless Club (W1AF)

For more info / advanced reservations 617 253 3776

********** $1 buyers discount with hard copy of this notice ***********

****
Steve Finberg W1GSL w1gsl@mit.edu
PO Box 82 MIT Br Cambridge MA 02139-7082 617 258 3754
****

5178. re: code or no code...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: markl@dove.net.au
Message-ID: <845383630mnewsmarkl@dove.net.au>
Source record: 214787

From: adell@planet.net (Steve - KF2TI) Landing, NJ

>
>
> > carl@ais.net (Carl speeling challanged Stevenson) writes:
> >
> >
> > BZZZZZZZTTTTT!!!!!!!! WRONG ANSWER! (Morse Myth #1) ... Morse is NOT
> > the most readable form type of communications under extreme QRM ... thi
> ^^^
> Gess your illness now relates to the inability to spell simple words?? THE
^^^^

It's a brave person who gets stuck into someone about spelling errors, isn't it?
Even braver to link simple spelling mistakes to an illness. I'd ask what YOUR
illness is, but it appears obvious - a bit of foot in mouth ;-)

>
>
>
> >
> > Actually homebrewing IS VERY important ... we've FAR too many appliance
> > operators and not enough people making contributions to the advancement
> > of the radio art ... we need more "techies" and less appliance operators
> > to fullfill the "technical investigations" part of Part 97's purpose and
> > justification for our existence.
>
> Carl had advocated elimination of the use of " deem der store bought
> ray did ee oooo's" He can build his from a coffee can and toilet paper
> and thinks that eceryone else should be able to before getting their
> nocode/no theory/ no test CB type licenses
>
>
>
> ANAL RETENTIVE STATEMENT TO FOLLOW>>>
>
>
> > Sounds like more Morse Myth crap to me ...
>
>
> SEE...I WARNED YOU
>
> > Carl - wa6vse
> > carl@ais.net
>

>
> The more you push, the harder the resistance becomes
> .

Errors & Ommissions Excepted,
Mark.

5179. Re: Ham Gear for Sale....

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: claude@bauv.unibw-muenchen.de
Message-ID: <claude.845385807@bauv111>
Source record: 214788
Cross-posted to: rec.ham-radio,rec.ham-radio.swap,rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.swap,rec.radio.swap

Dick Flanagan <dick@merlin.libelle.com> writes:

>Jim Roberson wrote:
>>
>> Because of size this is pickup only....

>Naturally you don't tell us where you live.

>> Reason for selling is that I just got married a few months ago and
>> either the Ham Gear or me go.

>Me thinks you married unwisely. :^)

I agree.
--
Claude
(claude@bauv106.bauv.unibw-muenchen.de)
The opinions expressed above represent those of the writer
and not necessarily those of her employer.

5180. Re: Dealing with contest pigs (hams).

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: hwatson@erinet.com
Message-ID: <53vcko$8fc@eri.erinet.com>
Source record: 214789
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

rogerjb@ibm.net wrote:

>In <53mpme$1u0@eri.erinet.com>, hwatson@erinet.com (Howard Watson) writes:
>>This is one area in which I would agree with Burt. At the very least,
>>restrict each contest to ONE band each contest.
>>Howard B. Watson Jr. - N3TNQ - hwatson@erinet.com - Springfield, OH
>>

>Or better yet, restrict them to certain frequency segments of each band.

>Roger J. Buffington
>W6VZV
>rogerjb@ibm.net

I would have NO complaints about that solution either :>

>USC Law School, Class of '97

>--
>"I want to die peacefully, in my sleep, like my Grandfather."
>"Not screaming, and in terror, like his passengers."
>--

Howard B. Watson Jr. - N3TNQ - hwatson@erinet.com - Springfield, OH

5181. Re: 'Nother Pro-code Luddite

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: carl@ais.net
Message-ID: <54036e$k5p@news.ais.net>
Source record: 214790
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In <53utmu$ee5@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net (Jim Kehler) writes:
>carl@ais.net (Carl Stevenson) wrote:
>
>>MY point is BFD ... so you've talked to ### countries with a radio ...
>>again BFD ... radio communcations have existed for nearly a century now
>>.. it's old hat ... in the early days, when it was uncommon to talk to
>>people in foreign countries by ANY means, radio seemed "magical" ...
>>today, as I type this, I can spawn other tasks and simultaneously
>>connect this same computer to other computers in a DOZEN other
>>countries. It's commonplace ... normal, not magical.
>
>Commonplace, yes, and nothing new. But this is Amatuer RADIO, not Amateur
>COMPUTER we are discussing, remember ? Hams are the 'wires in the tree' bunch,
>not the WAN bunch......

BZZZZZTTTT! WRONG ANSWER! ... everywhere ELSE in the world there is a
major convergence between computers and commmunications EXCEPT in ham
radio ... the rest of the world ALREADY KNOWS where technology is going.
Perhaps in 20-30 years you and your buddies will figure it out. THE
REST OF US ARE NOT GOING TO HANG AROUND WAITING FOR YOU ANY MORE.

If ham radio is not at the forefront of technology, it's NOT meeting its
purpose under Part 97.1 and we will surely (lose our bands and) die.

There's nothing wrong with "wires in the tree" ... but they should be
considered (at least partly) to be part of a WAN, not an isolated voice
in the ether ...

>I can talk to anyone in the world with my cell phone,
>but I save those discussions for the Amateur Cellphone newsgroup.

Stop bringing up cellphones ... I'm not talking about cellphones ... I'm
talking about the future of ham radio ... I already know that you and
your cronies want things to continue to stay the way they were in 1954,
but it ain't going to happen.

>>We HAVE to get over being so damned impressed with ourselves ... what we
>>do today WAS magical to many people 30-40 years ago ... its' totally
>>unimpressive to the computer wiz kid next door today ...
>
>Carl, think about something for a minute. If the above is true, and talking to
>someone in another country isn't going to impress your 'computer wiz kid' next
>door, is talking to someone three blocks down the street on packet going to
>impress him ?

Having a voice conversation with someone in Zimbabwae (sp?) is NOT a big deal ... having him be part of your world-wide wireless network and being able to talk, type, and send documents, pictures, video, and computer files back and forth simultaneously WITHOUT WIRES is NEAT. Yeah, the wiz kid will be impressed an he'll like that ... in the majority of cases ... because the wiz kid ACCEPTS new technology and can appreciate the value in it ... unlike you and your CW cronies.

>Maybe radio won't impress him at all, maybe he is better off
>playing with the internet ?

Ham radio theoretically IS PART of the internet ever heard of the <ampr.org> domain??? Right now its' utility and functionality are hamstrung by stupid limitations on interconnections, unattended message forwarding, content, and so forth ... that is changing and it will change more. Ham radio can, in the future, provide the ultimate in survivability for the internet in the case of disaster. No, not carrying the full load of the net to everywhere, but by providing connectivity to disaster areas when the shit has hit the fan and everthing else is out.

>I have seen, in several different threads, a new message coming from your side
>of the fence, and it contains a basic contradiction. What I am seeing is HF is
>useless, 'BFD' as you put it. If you have decided that HF communications are
>'old hat', then you seemed to have solved your own problem.

I NEVER said that HF was useless ... I said that many of the techniques that hams use on HF are so backward as to be practically useless in today's world (that's why EVERY other service has already abandoned CW, for example).

I have, rather, said that we would begin in the near future to see a regrowth of pressure on HF as commercial and government users return from their earlier flight to the "panacea" of satellites, having realized that there's still a lot of good communicating to be done on HF .. if one uses modern techniques.

>Sounds to me like you are not impressed by radio communications.

Not at all ... I am quite impressed with what can be done by intelligently using modern technology to communicate via radio. Unfortunately, the ham community does not, for the most part, do that. You and your cronies insist on clinging to turn of the century "technology" and cringe at the thought of things that have become commonplace in under-$200-consumer-items (i.e. they're no longer "bleeding edge")

>Instead of trying to turn ham
>radio into a computer club, maybe you should just grab the kid next door and go
>find a computer club the two of you can join ?

I'm not "trying to turn ham radio into a computer club" ... I'm trying to drag in into (at least the 20-1/2th, if not the) 21st century so that it will survive into the future instead of being discarded by the regulators for the stagnant, outdated, waste of spectrum it has become

over the past 30 years or so ...

>If HF (this week) is 'BFD', 'old hat', etc., then WHY the big push to
>Get >eveyone on it ?
>
>I really can't figure out what your agenda is anymore.

I (and Gary and Len and numerous others) have enumerated it many times.
I can only come to the conclusion that you're not only unwilling to, but
also completely incapable of, understanding the point.

[snipped some incoherenet drivel]
>
>What's the program for next month, so we can get a jump on studying the
>concepts ?

I give up, Jim. (on trying to get the point across to *you*, that is,
NOT on the cause) I don't believe you're sincere ... you just want to
wrestle with someone here on USENET ... if I went away, you'd latch onto
someone else with some other issue ... I'm sure they're all the same to
you ... just someone to joust with ...

Sorry, but I'm not going to play with you any more, Jim. There are too
many people who are willing to discuss the issues seriously and who are
willing to at least consider the possibility that modernization is a
Good Thing ... so why waste my typing energy and time on you?

Bye,

Carl - wa6vse
carl@ais.net

5182. Re: 'Nother Pro-code Luddite

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: carl@ais.net
Message-ID: <5403bi$k5p@news.ais.net>
Source record: 214791
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In <53uu05$1h6@play.cs.columbia.edu>, jbaltz@news.cs.columbia.edu (Jerry B. Altzman) writes:
>In article <53utmu$ee5@lehi.kuentos.guam.net>,
>Jim Kehler <pacrimgolf@kuentos.guam.net> wrote:
>>Commonplace, yes, and nothing new. But this is Amatuer RADIO, not Amateur
>>COMPUTER we are discussing, remember ? Hams are the 'wires in the tree' bunch,
>>not the WAN bunch..... I can talk to anyone in the world with my cell phone,
>
>Why can't we build a WAN out of wires in the tree and our radios?
>
>>73, Jim KH2D
>
>//jbaltz

Because that would be new and modern and he can't understand how it would work or the benefits it could provide. And those things didn't exist in 1954 when the "technology freeze" went into effect. That's why. Plain and simple. :-)

Carl -- wa6vse
carl@ais.net

5183. Re: Dealing with contest pigs (hams).

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: rogerjb@ibm.net
Message-ID: <5404oa$3i5g@news-s01.ca.us.ibm.net>
Source record: 214792
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <3262563D.7DA5@liant.com>, Robert Barron <barron@liant.com> writes:
>
>Calling CQ on a used frequency is not an acceptable practice, regardless
>of
>the activity. I agree that this happens during contests but it also
>happens
>outside of contests. I'd argue that this is a problem with the
>individual
>who does this and not contesting itself.

This is where I, and I believe others, part company with you. Fact is, this sort of behavior occurs mainly during contesting, and is one of the hallmarks of contesting. Individuals who don't do this kind of stuff any other time for whatever reason seem to feel free to do it during contesting. I guess that is because the contest actually rewards this kind of behavior with a higher score.

Contesting, in other words, actually incents this sort of bad behavior. That is why so much of it is committed by contesters.

Roger J. Buffington
W6VZV
rogerjb@ibm.net

USC Law School, Class of '97

"I want to die peacefully, in my sleep, like my Grandfather."
"Not screaming, and in terror, like his passengers."

5184. Re: Can Amatuer Radio survive ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: Kevin Jessup <kevin.jessup@mail.mei.com>
Message-ID: <32638FF7.6626@mail.mei.com>
Source record: 214793

Carl Stevenson wrote:

> What makes you think this (that majority rules in this hobby)????
> Please elaborate for the sake of discussion.

What I read in QST. What I hear on the air. What I hear from
the ARRL. What I hear at club meetings. In amateur radio, the
majority rules and wants to "yack" long distances on HF using
analog techniques.

The boring looks on the faces of maybe 90% of the people at a club
meeting in which I demonstrated spread spectrum, discussed digital
cellular radio and illustrated digital modulation techniques using
equipment as eye-opening as a $25,000 spectrum analyzer. Hell, half
those over 60 were sleeping! All these people know is analog.

Despite their arguments about CW being so very efficient (in some
ways I agree), few seemed to have any real grasp of side-bands, spectral
efficiency or even the most simple time-domain vs frequency-domain
concepts. Information theory and computer networking?? Forget it!
They are from another era and they enjoy what they have. They will
not change. That's just the way it is. I'll probably be the same
way when I get old.

The majority does rule. They set the tone that attacts certain
people to this hobby and deteremines the direction it will take.
As things are now, the status quo will remain for a long time.
The majority will get what they want and deserve: HF and little more.

I really believe that by the time enough people get into this hobby
to change it, the bands of importance (70 cm and up) will be virtually
gone from the amateur radio service.

> I agree with most of what you say, but you seem to think that the HF
> bands themselves are somehow outdated.

I am very much in favor of experimentation with new modes on HF. I'd
LOVE to research, build and operate an adaptive frequency hopper for HF.
We are not allowed to experiment like that. CW and SSB rule. The few
narrow-band digital modes don't offer a whole lot.

> Our HF bands are, and will continue to be, an important resource that we
> must maintain.

Yes. But I believe UHF and up is a greater resource in an age of
wireless networking. And let's not forget AMSAT.

> This is TOTALLY false ... you've been conned into believing that by
> listening to years of "It's only a hobby" and similar garbage.

I do some experimentation on my own. I'm fortunate to have access to some RF cages and facilities where I can legally play around with digital modes on 900 MHz and up. But the whole FCC policy on amateur spread spectum and experimentation is behind the times.

Actually, based on rececnt band auctions, these bands are damned valuable to the FEDS. Much money is to be made. Think they are going to ENCOURAGE digital amateur radio!? They then would have even more difficulty taking away our bands. Sorry if that sounds like a big conspiracy theory, but hey, money talks.

> Ham radio is NOT a democracy ... we are RULED by the FCC

I think I just said that. ;-)

--
kevin.jessup@mail.mei.com

5185. Ham TCP/IP and FreeSCO

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: bw@cs.ecok.edu
Message-ID: <54070b$888@cs3.ecok.EDU>
Source record: 214794
Cross-posted to: comp.unix.sco.misc,rec.radio.amateur.misc

This may be of some interest to the c.u.sco.misc folks who are also
ham operators, so I am cross-posting to comp.unix.sco.misc and
to rec.radio.amateur.misc.

I am now running a rather dated version of K5JB's (SK last month, RIP)
version of KA9Q tcp/ip. This system has done yeoman work for several
years under my older SCO 3.2.4 system, and works equally well on my FreeSCO box.
It was easy to compile, and provides a way to get on packet radio with
TCP/IP.

I am now looking for yet other unix-based ham radio TCP/IP systems to host on my
fancy new FreeSCO box.

Anyone have something running? (tnos, maybe ? --- I can't seem to make
it work yet).

--
Bill Walker (W5GFE)
bw@cs.ecok.edu
Chairman, Dept. of CS,
East Central University, Ada, Oklahoma 74820

5186. Re: looking for a list of nets

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: Joe Giraudo <giraudo@sierra.net>
Message-ID: <32639EA7.56@sierra.net>
Source record: 214795

Allen wrote:
>
> I used to catch a trivia net on i belive it was 80m ...and i cant
> remember the frq. (too much rf in the shack.. hi...) does someone on
> the web maintain a list of hf nets ? ? tnx
>
>
> Take care 73, Allen KB6PQG allenm@rain.org

The ARRL publishes the Net Directory annually. It only costs $3.00. I keep one handy for ready reference in the shack and for HF mobile ops.

5187. Re: Can Amatuer Radio survive ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct15.122513.7117@ke4zv.atl.ga.us>
Source record: 214796

In article <3261A15D.7530@mail.mei.com> Kevin Jessup <kevin.jessup@mail.mei.com> writes:
>CW or not, what is the big deal about HF?? Why should we care?

It is the poor man's submarine cable or geosync satellite relay.
Amateurs can't afford to do continental or intercontinental networking
the same way the big commercial outfits do. Our networks are sparse,
we can't afford to setup a microwave relay site every 30 miles or lay
underground fiber, and we can't afford to lay submarine cables either.
We have satellites, but their capacity is limited, and since they are
low orbit, latency and availability are unsatisfactory. Geosync remains
financially out of our reach, and likely will remain out of our reach
for a long time to come. That leaves HF as our only long haul alternative.
It is equivalent to about $100 million in geosync satellite capacity.

Our VHF+ spectrum is very valuable, and growing more so daily, but
it can't substitute for HF when we need long haul communications.
Most activity at VHF+ faces only an AGWN environment, and that's
the easiest one to master. So VHF+ doesn't offer the challenge to
the developer that HF offers. HF is a far from benign environment,
and strongly challenges us to design equipment that can deal with
its rigors while still maintaining good throughput. That makes it
interesting.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

5188. Re: ** FLEA at MIT ** Sunday 20 October Cambridge MA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: x@apocalypse.org
Message-ID: <5409dq$q0d@asylum.apocalypse.org>
Source record: 214797
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,sci.electronics.misc,ne.forsale,ne.general,rec.radio.amateur.homebrew

Is this the one where cantankerous old men sell stuff that their
wives have been begging them to get rid of? One thing that I've found
is that *some* of the dealers there sell stuff that doesn't work and
refuse to take anything back. A better bet for old electronics gear
is probably the Electronics Superstore (in Waltham... or is it Woburn?).
They'll refund your money if you buy something from them and find that it
doesn't work when you get it home.

I'd like to see the dealers at the MIT flea market be held to this sort of
policy. If people don't have ethical standards, I say *impose* some on
them.

- Xochi

In article <53vtkt$mbu@senator-bedfellow.MIT.EDU>,
Steven L. Finberg <w1gsl@athena.mit.edu> wrote:
>This comming Sunday...
> The seasons last....
>
>*** !!!! WE ARE BACK IN THE GARAGE !!!! ****
> so come rain or shine or super heat the Flea is on !!!
>
>********* $1 buyers discount with hardcopy of this notice ********
>
>COMPUTERS - ELECTRONICS - HAM RADIO - COMPUTERS - ELECTRONICS - HAM RADIO
>***
>Steve Finberg W1GSL w1gsl@mit.edu
>PO Box 82 MIT Br Cambridge MA 02139-7082 617 258 3754
>***
>
>
>

--
	" 'Slack' is the point between something and nothing
Xochi Zen	where you can get something for nothing."
x@apocalypse.org	- Robert Anton Wilson
<-->

5189. Your signature can be a TrueType font! 8197

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: us043406@interramp.COM
Message-ID: <199610151337.JAA00746@smtp1.interramp.com>
Source record: 214798

<===== Expand your screen to its maximum size for best viewing =====>

S I G N A T U R E F O N T S
Turn your signature into a TrueType font and say good-bye to cutting and pasting or importing from outside files forever.

Now you can access your signature right from your font menu. It's easy and it's fast. In the past you had to import a previously drawn or scanned graphic that not only used a tremendous amount of space and time to display but it also took forever to print.

Well, not anymore. With the Victory Press "Signature" Font, you just click on your font menu for your signature and presto! Your selection appears in a snap as a TrueType font in your document, fully scaleable to any size.

Here is what David from San Jose had to say about the Victory Press Signature font... "Thank you for the quality job that you have done. Also, I found the installation and use of the font to be explained in such a way that even a novice, such as myself, was able to accomplish it successfully."

John from West Haven, CT says... "I just wanted to let you know that I received the signature font and it works just fine. Thank you very much for your very kind attention to the needs of this customer."

Gregg the "Shirtsleeves Accountant" says... "I installed the new font and it works like a charm. Thank you for the help."

Signature Fonts are priced at only $28.95 per signature.

==========
O R D E R F O R M [form #H10146]
==========

SIGNATURE INSTRUCTIONS - Following these instructions will produce the best possible results. Use a black "Uni-ball" pen. This pen produces the best results. Practice writing yoursignature on a plain white sheet of paper, pressing firmly to get a dark, consistent signature. When finished practicing, please include the paper with your order and indicating which signature you like the best by pointing to it with an arrow. Be careful not to touch your signature with the arrow or any other marks.

Y E S: Please send me my signature as a TrueType font. I understand that if my signature does not work to my satisfaction, I may return everything for a full refund.

Name...:_____

Company:_____

Address:_____

City...:_____

State..:_____ Zip_____

Phone..:_____

Fax....:_____

Email..:_____

Please send me my signature as a:
[ ] TrueType Signature Font $28.95
[ ] For an additional $9.95 we will create a separate character within your font of your first name only, for times that you might want a more personal signature.

I WILL BE USING MY FONT ON A:
[ ] PC
[ ] Mac
[ ] Both PC and Mac for an additional $14.95

PLEASE ALLOW THREE WEEKS TO CREATE AND SHIP YOUR FONT.

[ ] RUSH!! We can create your signature font within 2 days and ship it to you via 3 day air letter for an additional $25.00.

TOTAL AMOUNT OF SALE. California residents please include 7% sales tax.

$_____

METHOD OF PAYMENT:
[ ] My check is enclosed.

Please charge my:
[ ] VISA
[ ] MasterCard
[ ] American Express

Card No..:_____ Exp. Date_____

Signature:_____

S E N D T O : VICTORY PRESS
1119 S. Mission Rd.
Fallbrook, CA 92028-3225

5190. Re: ** FLEA at MIT ** Sunday 20 October Cambridge MA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: x@apocalypse.org
Message-ID: <540at0$rgc@asylum.apocalypse.org>
Source record: 214799
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,sci.electronics.misc,ne.forsale,ne.general,rec.radio.amateur.homebrew

In article <540a4p$2us@news-central.tiac.net>, allen <allenh@tiac.net> wrote:
>x@apocalypse.org (Xochi Zen) wrote:
>
> A better bet for old electronics gear
>>is probably the Electronics Superstore (in Waltham... or is it Woburn?).
>>They'll refund your money if you buy something from them and find that it
>>doesn't work when you get it home.
>
>They used to be in Woburn but I couldn't find them about a month ago.
>I believe that they have moved it all to New Hampshire (darn) . Is Eli

That's a shame. I wanted to buy more stuff from them for a 'mad scientist'-
style art installation. They had a ton of omnious looking meters/gauges/etc.

I'd still like to put some analog meters on my Linux box for things like
# of users and server load. But I know next to nothing about interfacing
electronic devices to a PC.

It'd be great to have the 'tripwire' program trigger a revolving red-light
on the top of the server for any suspected security breaches.

"Warning, warning Dr. Smith!"

- Xochi

--
	" 'Slack' is the point between something and nothing
Xochi Zen	where you can get something for nothing."
x@apocalypse.org	- Robert Anton Wilson
<-->

5191. Re: Can Amatuer Radio survive ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: carl@ais.net
Message-ID: <540c7a$oss@news.ais.net>
Source record: 214800

In <32638FF7.6626@mail.mei.com>, Kevin Jessup <kevin.jessup@mail.mei.com> writes:
>Carl Stevenson wrote:
>
>> What makes you think this (that majority rules in this hobby)????
>> Please elaborate for the sake of discussion.
>
>What I read in QST. What I hear on the air. What I hear from
>the ARRL. What I hear at club meetings. In amateur radio, the
>majority rules and wants to "yack" long distances on HF using
>analog techniques.
>

I submit that the FCC and the FCC alone RULES ... they will listen to
ORGANIZED, well-founded arguments for change ... the BIGGEST problem is
that so far, most of their input has been a snow-job from the ARRL,
saying "We represent ham radio and this is what ham radio wants."

Until we organize effective opposition to their line of
backward-thinking stagnation-prone bullshit, that's what we'll get.

>The boring looks on the faces of maybe 90% of the people at a club
>meeting in which I demonstrated spread spectrum, discussed digital
>cellular radio and illustrated digital modulation techniques using
>equipment as eye-opening as a $25,000 spectrum analyzer. Hell, half
>those over 60 were sleeping! All these people know is analog.
>

You're in the wrong club ... we need to find like-minded people,
organize ourselves, and make a difference ...

>Despite their arguments about CW being so very efficient (in some
>ways I agree), few seemed to have any real grasp of side-bands, spectral
>efficiency or even the most simple time-domain vs frequency-domain
>concepts. Information theory and computer networking?? Forget it!
>They are from another era and they enjoy what they have. They will
>not change. That's just the way it is. I'll probably be the same
>way when I get old.

Only if we fail to band together and work for the change ...

>I am very much in favor of experimentation with new modes on HF. I'd
>LOVE to research, build and operate an adaptive frequency hopper for HF.
>We are not allowed to experiment like that. CW and SSB rule. The few
>narrow-band digital modes don't offer a whole lot.

The rules CAN be changed ... if we organize an effective lobbying group
to represent our interests to the FCC ... hell, what WE want to do is

FAR more in line with Part 97.1 than the brass-pounding, DXing, contesting, 10-10 number collecting drivel that the olde fartz insist onperpetuating like it was something to be proud of (geez ... it makes me sick to think that people can be so set in their ways and backward)

>> Our HF bands are, and will continue to be, an important resource that we
>> must maintain.
>
>Yes. But I believe UHF and up is a greater resource in an age of
>wireless networking. And let's not forget AMSAT.
>

Don't write of HF or we will lose it in 10-20 years ... we have to do good things there, too ...

>digital modes on 900 MHz and up. But the whole FCC policy on amateur
>spread spectum and experimentation is behind the times.

The whole FCC policy on ANTHING to do with ham radio is behind the times .. blame the ARRL ... they've been in the driver's seat (with both feet on the brake pedal and pulling on the hand brake with both hands).

>Actually, based on rececnt band auctions, these bands are damned
>valuable to the FEDS. Much money is to be made. Think they are
>going to ENCOURAGE digital amateur radio!? They then would have
>even more difficulty taking away our bands. Sorry if that sounds
>like a big conspiracy theory, but hey, money talks.

We can keep the bands ... maybe even expand them in some limited cases .. IF we're making good use of them ... which we're not ... that's why we need BIG change.

>> Ham radio is NOT a democracy ... we are RULED by the FCC
>
>I think I just said that. ;-)
>

Yes, we did ...

73,
Carl - wa6vse
carl@ais.net

5192. Info about direct AM demodulation wanted

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: sschmitt@ge-serveur.insa-lyon.fr
Message-ID: <sschmitt.9.3263B895@ge-serveur.insa-lyon.fr>
Source record: 214801

Hello!

I am interested in direct AM demodulation (without IF).
Has anybody experience with it?
Any advice or suggestion of book would be welcome.

Thanks for reading SEB.

5193. Re: ~FCC closes down all 12 monitoring stations

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: carl@ais.net
Message-ID: <540d1p$oss@news.ais.net>
Source record: 214802
Cross-posted to: rec.radio.amateur.misc,rec.radio.cb,alt.radio.pirate,rec.radio.scanner

In <Pine.SOL.3.91.961015003321.7430C-100000@world.evansville.net>, "Douglas \"Lonely Planet Boy\" Shawhan" <lysdexia@evansville.net> writes:
>On 8 Oct 1996, Jim Reid wrote:
>
>____
>If we can draw the line against the industrial machine in
>America, and make it hold, then perhaps in the decades to
>come we can gradually force industrialization underground,
>where it belongs, and restore to all citizens of our nation
>their rightful heritage of breatheable air, drinkable water,
>open space, family farm agriculture, a truly democratic
>political economy. Why settle for less? -Edward Abbey
>---
>

Jim,

I have to tell you that I *love* the quote ... it reminds me SO MUCH of the pro-coders' reaction to any new technology .... truly wonderful ... :-)

Thanks so much (I really enjoyed it ... seriously).

73,
Carl - wa6vse
carl@ais.net

5194. Re: Japan Operating

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: wilder@clark.net
Message-ID: <540dge$dro@clarknet.clark.net>
Source record: 214803

Contact the ARRL and ask them for info on obtaining a license in Japan
and Austrailia. The League maintains files on most countries and can
supply forms and information.

I vacationed in Japan for a month in 1993 and the license (7J1AOE call)
cost about $95 for one year; less per year for subsequent renewals.
The exchange rate has changed so I GUESS the price to be about $125.
BTW, this was the most expensive foreign license I have obtained.

73, Dick Wilder, K3DI (ex-7J1AOE)

KC5WCP (seven@datasync.com) wrote:
: Hi,
: I have a HAM friend who needs to know what he needs to do to operate
: VHF/UHF whilst in Japan on tour of duty. Do they use the same band
: plan? What governmental office does he contact for temporary license?
:
: He will also be doing a short stint in Australia and would like info
: for same.
:

5195. Made it!! (Extra) need rig now.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: Hal Rosser <hmrosser@csranet.com>
Message-ID: <3263E51F.5F02@csranet.com>
Source record: 214804
Cross-posted to: rec.radio.amateur.misc,rec.radio.swap,rec.radio.amateur.antenna

If anyone has an old rig for little or nothing that's collecting dust,
I would sure like to know. I started in Feb studying and finally made
extra class... but don't have a rig yet. Any band.. I'm ready to start
now.
--
thanks,
Hal KT4QE
hmrosser@csranet.com

5196. Amateur Radio Clubs in Tehran, Iran

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: slmusr01@MBnet.MB.CA
Message-ID: <slmusr01.845390064@access>
Source record: 214805

I am going to Iran in the next week or so and would like to schedule a QSO
with a ham I know back here in Canada. We both agreed that this would be
an interesting attempt. I have three questions :

1. Is this legal for a Canadian Ham ? I don't want any guesses. I want
the facts only please.

2. Can any one provide me with a complete address of any Ham Radio operators
or Clubs located in Tehran, Iran.

3. Has anyone done what I want to do here ?

Any information would be greatly appreciated. Please email me at :

maiko@slmsoft.com

Regards,

Maiko Langelaaar,
VE4KLM

--

+--------------------------+--------------------------------+
Tayfun Can	e-mail: Tayfun_Can@SLMSoft.CA
SLM Software Inc.	
500-1780 Wellington Ave.	

5197. Re: amateur news groups?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-15 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDzBspD.84w@netcom.com>
Source record: 214806

Max Soucia (msoucia@telplus.net) wrote:
: Can anyone tell me where I can find an up to date list of newsgroups
: for ham radio, esp QRP?

There is no newsgroup for QRP, but there is a very active mailing list.
Given that most of what is in any newsgroup today is 90% crap, I'm beginning
to be a believer in mailing lists.

e-mail to listserv@lehigh.edu

subscribe QRP-L

73 de Jim - KF6CR

5198. Looking for transistor.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: thora@online.no
Message-ID: <541mei$eu6@o.online.no>
Source record: 214557

Hello.

My Datong AD-370 antenna has stopped working, and I can't find the transistor MJ310 in any books, and I have checked different dealers.

Can someone help me with a replacement for this transistor? Or the address, fax no. or email address to Datong?

73's LA2DAA Thor.

5199. Doug Lenertz

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: mdg@ncn.net
Message-ID: <541nql$c41@insosf1.netins.net>
Source record: 214558

I am looking for a friend of mine that was interested in ham radio. His name is Doug Lenertz. If anyone has any information, please contact me at mgray@ncn.net.

Michael Gray

5200. Re: Is the HTX 202 rely as bad as I have been told?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: dom@athenon.com
Message-ID: <541r9r$gs5@charnel.ecst.csuchico.edu>
Source record: 214559

In article <jlowmanDzBt4G.8Mq@netcom.com>,
jlowman@netcom.com (Jim Lowman) wrote:
>Diback (diback@aol.com) wrote:
>: I am anxeously awaiting my ham ticket, and I'm looking at perspective
>: radios. For a while, I realy liked the HTX 202 from Radio Shack, and I've
>: heard good things about it over 2 meters on my scanner. Resently, a store
>: owner told me that any thing that Radio Shack puts out, is trash, and to
>: get some other brand(he recomended a Standard something or other). Is
>: this true, or did he just want me to get something from his store? Any
>: recomendations for a first radio?
>: Any feed-back would be appreceated.
>
>I'm entirely happy with my HTX-202 and, in fact, bought the HTX-404 for 70
>cm, as a result of overall satisfaction with the 202.
>
>My only complaint is that it has only 12 memories, which puts it at somewhat
>of a disadvantage here in SoCal.
>
>I don't recommend extended warranties; they're a big ripoff. But, you have
>to factor in your own situation in making that decision. My feeling is
>that, at the discounted price I paid ($189.95) during a sale, if it worked
>for a year that was fine; anything more is gravy. If it failed, it would
>give me an opportunity to buy a dual-bander, such as the FT-51R.
>
>73 de Jim - KF6CR
>
That extended warranty will replace as many Nicad batteries as
you wish for all five years of the warranty. And the standard
battery is good for only about nine months! Good way to get
free batteries when they otherwise cost $40.

=*=* ==*= =** =**= =** * *= =*** =**** ==** =**=
Ron Angle, Chico CA E-MAIL ADDRESS: dom@athenon.com
* Amateur radio operator since 1955, current call AB6ZX *
(former calls K6KYJ, BV1US, KL7FAR, N6DOJ)

5201. Movie Starring Burt Fisher ????

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: garyn@tir.com
Message-ID: <32646510.25961218@news.tir.com>
Source record: 214560

The suggestion in an earlier post of a movie starring Burt Fisher sounds interesting, we could have the handsome dashing Burt (played by Tom Cruise) as the resident 'savant' professor at an Ivy League university. By day Burt pushes the limits of known science in instructing his students in the rarefied esoterics of holding a video camera and rewinding a VHS cassette, Burt REALLY pushes the limits of science when he attempts to instruct his underlings on how to correctly set the digital clock on a VCR !!! At the end of the day the dashing Burt jumps into his Dodge Viper and barrels at Nascar speeds on the freeway to his beautiful home in the burbs and his lovely wife Vicky (Demi Moore), there Burt hurries through dinner and makes his way to the computer and fires up on the net to save the hapless denizens of rec.radio.amateur.misc and alt.support.divorce. Meanwhile Vicky (Demi Moore) carries on a HOT STEAMY affair with a local Walmart "associate"(Tom Hanks) who gives her what she's really been desiring from Burt but he never has time for (lots of sex). The movie ends on a tragic note when Burt sees a picture of Vicky (Demi Moore) and her Walmart lover(Tom Hanks) in a compromising position in alt.binaries.pictures.girfriend and commits suicide by grabbing the B+ line in his SB-220 !!

Whaddya think ????
Gary
E-Mail: garyn@tir.com
"life is what happens while you're busy making plans"

5202. Draw program

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: dom@athenon.com
Message-ID: <541s1n$gs5@charnel.ecst.csuchico.edu>
Source record: 214561

Am looking for an easy to use electronic drafting program including
standard RF symbols (yes, even vacuum tubes). I am rebuilding a
sixties era 4-400A linear and need to trace out all circuits.
Most programs I have downloaded are for PCB layout/design.
Tnx es 73 de Ron AB6ZX

=*=* ==*= =** =**= =** * *= =*** =**** ==** =**=
Ron Angle, Chico CA E-MAIL ADDRESS: dom@athenon.com
* Amateur radio operator since 1955, current call AB6ZX *
(former calls K6KYJ, BV1US, KL7FAR, N6DOJ)

5203. Kenwood TH-78a CONTROL LOCKED UP

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: bc984@lafn.org
Message-ID: <5422si$mkg@zook.lafn.org>
Source record: 214562

I have a TH-78a 507007# mod to 50-179.995, 300-399, 400-511.99, 800-999.99. While playing, for unknown reason, all controls were locked including the knobs (volume/squelch). The red and green lights were alternating in both bands; seems the unit was heating up, too... Out of my desperation I reset the memory with (M+POWER), booooom! Well, if the same occurence happen what should I do intead of M+POWER? 73! Jimmy Navarro KE6FPK

5204. Re: HELP: Yaesu FT-708 R

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: Jan.van.Lienden@ict.NL
Message-ID: <32649236.417D@ict.nl>
Source record: 214563

Siegfried,

According to the Instruction Manual FT-708R (Model A, B, X),
the text of keys look as below:

KEY -MAN- STEP
| |
> LOCK CLEAR BUSY > X2

They have the following functions:

KEY
The switch will disable the buttons of the keyboard. When the
keyboard is in the "LOCK" mode (pushed to the right), the letter
"L" will be shown on the LCD display.

BUSY-MAN-CLEAR
This switch selects the STOP mode of the scanner.

STEP
This switch selects the desired synthesizer step. When this
switch is set to the X2 position, pushed to the right, 50 kHz
steps are programmed. When not in the X2 position, 25 kHz steps
are programmed.

I have the Instruction Manual, contact me if you want a copy.

Jan van Lienden PE1CID

5205. Re: Libel me, Think.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3264BE70.60B1@ccsnet.com>
Source record: 214564

Mark Fossum wrote:
>
> You keep saying that Burt, you keep saying that but you never do
> anything about it! Why don't you both turn in your tickets and make the
> ultimate statement then? Why don't you? Stop your whining and stop being
> such a contradiction.

Who would care if I turned in my license. I have a voice with my
license.
You would never ever would want me silenced?

> Then you can tell us anything you want about hams. Turning in your
> ticket would certainly qualify your statements. (Plus your wife would
> stop hating you, your daughter would stop hating you and life would be
> so good again.)

My wife and daughter hate TYPICAL hams. I am not that.

> (I'm not an Extra Class Ham, Not a whining teacher of anything! I'm just
> happy with my life and my friends. Unlike some people here!)

I am happy AND PRODUCTIVE.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#================#===#
|This message was posted from home k1oik@ccsnet.com |
#===#
If you try to milk too much, you won't get a drop
Samantha Fisher

5206. Re: What a Wonderful Life.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3264BF07.561B@ccsnet.com>
Source record: 214565

Gary Coffman wrote:

> Ooooh, say *that* to a marine's face, Burt. All marines are fighting
> marines, no matter what other job they may do.

Then I would not challenge one.
They have guts.
More than I.

#===============#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#===============#===#
|This message was posted from home k1oik@ccsnet.com |
#===#
If you try to milk too much, you won't get a drop
Samantha Fisher

5207. TV60 QSO Party

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: Chris Packman <Chris@xdinet.demon.co.uk>
Message-ID: <19961016.114511.32@xdinet.demon.co.uk>
Source record: 214566

On the 2nd November 1936 the BBC started the world's first regular high definition television service from Alexandra Palace in North London. The Ariel Radio Group is celebrating this by holding a QSO party on the HF bands over the weekend of the 2nd / 3rd November 1996. Anyone involved in any aspect of broadcasting (ie, TV, radio, cable, satellite,facilities houses and support companies) is encouraged to take part. We hope that during this event a station from the group will be active using our special call for this year GB60BBC, possibly from Alexandra Palace.

This is not a contest but participants are invited to submit logs showing date, time, station worked and broadcast affiliation of station worked (ie: BBC, Granada, C4, NHK, ABC, Sony etc.) a certificate will be awarded to anyone sending in an entry. Entries may be sent either by mail to: Brian Bower, 19 Chapel Road, Flackwell Heath, High Wycombe, Bucks. HP10 9AB or by e-mail to qsop@xdinet.demon.co.uk to arrive by January 1st 1997

The QSO party will start at 00:01 UTC on 2nd November and finish at 23:59 UTC on 3rd November, call CQ TV60 to attract attention. Suggested centres of activity are 3.72Mhz, 7.06Mhz, 14.18Mhz, 18.16Mhz, 21.38Mhz, 24.96Mhz, 28.38Mhz on SSB and 3.53Mhz, 7.03Mhz, 10.135Mhz, 14.055Mhz, 18.075Mhz, 21.075Mhz, 24.905Mhz and 28.075Mhz on CW.

Information about the Ariel Radio Group, newsletters and details of the current GB60BBC operation are available from the group's web site at:- http://www.xdinet.demon.co.uk/ARG/

Chris Packman G6XDI

--
chris@xdinet.demon.co.uk http://www.xdinet.demon.co.uk/
Ariel Radio Group News Pages http://www.xdinet.demon.co.uk/ARG/
--
chris@xdinet.demon.co.uk http://www.xdinet.demon.co.uk/
Ariel Radio Group News Pages http://www.xdinet.demon.co.uk/ARG/

5208. Re: ** FLEA at MIT ** Sunday 20 October Cambridge MA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: x@apocalypse.org
Message-ID: <542hsm$cpq@asylum.apocalypse.org>
Source record: 214567
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,sci.electronics.misc,ne.forsale,ne.general,rec.radio.amateur.homebrew

In article <32641104.2957@millcomm.com>,
Richard Hager <rhager@millcomm.com> wrote:
>Xochi Zen wrote:
>>
>> One thing that I've found
>> is that *some* of the dealers there sell stuff that doesn't work and
>> refuse to take anything back.
>
>> I'd like to see the dealers at the MIT flea market be held to this sort of
>> policy. If people don't have ethical standards, I say *impose* some on
>> them.
>>
>> - Xochi--
>
>Great. More government bullshit, to coddle us and protect us from ourselves.
>And then we won't have flea markets at all anymore! Or any other place to

I'd say there's a big difference between someone selling a plate for 50 cents
and someone selling testing equipment for ~$100. And who said anything about
the government? Not I. 'Twas you, knee-jerk boy.

>This 'wanting of someone else to be responsible' really frightens me. It's
>becoming so pervasive in our society. People need to get back to being
>willing to be responsible for the results of their own decisions.

Hoo boy... If I've triggered some latent derangement in you, then I
apologize to the readers of ne.general.

>It's a -flea market- for god's sake! It's not Sears. It's -supposed- to be

Again, we're not talking about 50 cent plates or $1 answering machines.
For my own part, I've simply decided not to give any of these vendors
my business. I think your neo-cortex needs calibrating if you think anyone
is calling for the government to intervene.

>Having said all that, I do appreciate when sellers state their knowledge of
>the condition on a tag (or in a newsgroup posting), even if it's just 'don't
>know, haven't tested it'. Any info at all helps the decision making process.

That's all I ask. In lieu of a blanket return policy...

- Xochi

--
| |"The Way that can be spoken of is not the constant Way" |
| Xochi Zen | - Lao Tzu |

```
| x@apocalypse.org|"The Way that can be spoken of is involved in the |
| | production of cheese" - Xochi Zen |
```

5209. Ham Radio Stuff for sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: "Stuart R. Crawford" <srcrawford@cwave.com>
Message-ID: <3264CB74.5CB4@cwave.com>
Source record: 214568
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,can.forsale

I have the following for sale

1 - Vectronics Antenna Tuner $150.00
2 - Beyond the Line of Sight VHF Book, IPARN Manual, Satellite Book,
WRTH 95, plus others will sell all together for $10.00.
3 - Amtron HF Whip 10 - 15m $10.00
4 - Colinear 2m Mobile/Base Vertical - $10.00

Please contact Stu at srcrawford@cwave.com or
http://www.cwave.com/users/srcrawford

5210. Re: Ham Radio Clip Art

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: rlubash@poco.mv.com
Message-ID: <DzDAyG.LxH@mv.mv.com>
Source record: 214569

In article <3263C443.6EF5@fishnet.net>
Mike Snowden <mikes@fishnet.net> writes:

> Does anyone know of a source for ham radio clip art that can be used for
> news letters?
>
> Thanks, Mike K6YPB
> mikes@fishnet.net

Try The ARRL BBS/FTP site I seem to remember seeing some art there.

Richard Lubash
N1VXW
email rlubash@poco.mv.com

5211. Re: ** FLEA at MIT ** Sunday 20 October Cambridge MA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: mlc@izzy.net
Message-ID: <542k11$43u@izzy4.izzy.net>
Source record: 214570
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,sci.electronics.misc,ne.forsale,ne.general,rec.radio.amateur.homebrew

In article <5409dq$q0d@asylum.apocalypse.org>, x@apocalypse.org says...

>One thing that I've found
>is that *some* of the dealers there sell stuff that doesn't work and
>refuse to take anything back.

>I'd like to see the dealers at the MIT flea market be held to this sort of
>policy. If people don't have ethical standards, I say *impose* some on
>them.
>
> - Xochi

This was truly one of the more entertaining posts I've read.

a.) ethical standards at a flea? That would certainly take the fun out of
it!!

b.) How do you intend to *impose* your ethical standards on anybody?

c.) I haven't found a flea yet that you couldn't find 120VAC SOMEWHERE, If
your spending more than a hundred dollars or so test it out before you buy.

5212. Re: ** FLEA at MIT ** Sunday 20 October Cambridge MA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: x@apocalypse.org
Message-ID: <542lro$ekl@asylum.apocalypse.org>
Source record: 214571
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,sci.electronics.misc,ne.forsale,ne.general,rec.radio.amateur.homebrew

In article <540t7d$4om@news.scruz.net>,
Richard Steven Walz <rstevew@armory.com> wrote:
>If you think this, then you are merely presumptuous. Anyone who buys
>something at a flea and expects it to work at home is a fool. To

You're preaching to the choir, brother. Oddly enough, I've never purchased
anything at the MIT flea market.

>obtain true "slack" you must NOT be a fool!! The trick is to pay

I'm not a fool and have plenty of slack. Though there's a seeker
born every minute of course.

>**
>(Oh, by the way, Xochi Zen, I like your sig!! ;->)
>-Steve

Thanks. Which one? My slackful perl script rotates my .sig file for
me every time I logon. I have to admit, I've been cultivating the
virtues of a programmer... laziness, impatience and hubris.

- Xochi

--
	"I am a mystery wrapped in an engima wrapped in
Xochi Zen	a tortilla." - Xochi Zen
x@apocalypse.org	
<-->

5213. Re: ** FLEA at MIT ** Sunday 20 October Cambridge MA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: x@apocalypse.org
Message-ID: <542m6n$eq8@asylum.apocalypse.org>
Source record: 214572
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,sci.electronics.misc,ne.forsale,ne.general,rec.radio.amateur.homebrew

In article <542k11$43u@izzy4.izzy.net>, Tim Hynde <mlc@izzy.net> wrote:
>In article <5409dq$q0d@asylum.apocalypse.org>, x@apocalypse.org says...
>
>>One thing that I've found
>>is that *some* of the dealers there sell stuff that doesn't work and
>>refuse to take anything back.
>
>>I'd like to see the dealers at the MIT flea market be held to this sort of
>>policy. If people don't have ethical standards, I say *impose* some on
>>them.
>>
>> - Xochi
>
>This was truly one of the more entertaining posts I've read.

Glad to hear it. Sure beats the divorce crapola 'round here. *wink*

>a.) ethical standards at a flea? That would certainly take the fun out of
>it!!

How would you like it if one of the dealers bashed your scull in
with an oscilloscope. ;)

>b.) How do you intend to *impose* your ethical standards on anybody?

All I know is that I'm not SCSI.

>c.) I haven't found a flea yet that you couldn't find 120VAC SOMEWHERE, If
>your spending more than a hundred dollars or so test it out before you buy.

If they let you test... a lot of these scumbags won't.

- Xochi

--
	"I am a mystery wrapped in an engima wrapped in
Xochi Zen	a tortilla." - Xochi Zen
x@apocalypse.org	
<--->

5214. Re: Not a wonderful life, no life.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: Peter Lemken <Plemken@bln.de>
Message-ID: <845470427.1713.0@plemken.bln.de>
Source record: 214573

Burt Fisher <k1oik@ccsnet.com> wrote:
>Jeff Stevenson wrote:
>>
>> You don't even wanna know what Burt's profile looks like at Deja News.
>> Although I have a strong suspicion that the articles to the sex groups were
>> forged.
>
>They were.
>I am not stupid.

Oh, you mean you post to the sex groups anonymously?

Peter Lemken
DF5JT/KE4UNQ

5215. Amateur clubs in Praha, CZ ???

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: JBOWES@CEU
Message-ID: <JBOWES.5.000E5166@CEU>
Source record: 214574

Dear all,

Please if there are any Czech amateur's out there that know of any radio clubs in the Praha area please contact me. I can speak czech, and am interested in all amateur radio and other communications - air band and satellite monitoring. Please mail me direct or call me. There are hams out there I can see the antennas all over the place !!!

Thanks for youe time !

jonathan

5216. UK NOVICE licensing ???

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: JBOWES@CEU
Message-ID: <JBOWES.4.000E22DA@CEU>
Source record: 214575

Dear all,

I would appreciate any info about the novice license being offered in the UK right now. Is there some web page where I can check out the details or even speak to someone via e-mail who is officially involved with the process of licensing. The reason is that I have been interested in radio for ages but not quite up to the full license stuff. I live here in Prague but as a British citizen I must still qualify for a UK call. I thought maybe it is possible to study via correspondance or something similar.

Any info is really appreciated. 2m activity here in Prague is well alive !

E-mail replies preferred if possible !

5217. Best way to learn code?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: tedt@halcyon.com
Message-ID: <tedt-1610960622300001@blv-pm100-ip14.halcyon.com>
Source record: 214576

I am ready (again!) to make a full fledged effort to learn code. I have a Macintosh computer.

Can anyone suggest a good program. Is Supermorse or Morse academy usable on MAC?

Thanks.

Ted

--
Secret for longevity: "Keep moving and don't let 'em get a bead on you".

Web page: http://www.halcyon.com/tedt/

5218. Re: ~FCC closes down all 12 monitoring stations

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: Kevin Jessup <kevin.jessup@mail.mei.com>
Message-ID: <3264E60C.32A7@mail.mei.com>
Source record: 214577

Carl Stevenson wrote:
>
> In <Pine.SOL.3.91.961015003321.7430C-100000@world.evansville.net>, "Douglas \"Lonely Planet Boy\" Shawhan" <lysdexia@evansville.net> writes:
> >On 8 Oct 1996, Jim Reid wrote:
> >
> >____
> >If we can draw the line against the industrial machine in
> >America, and make it hold, then perhaps in the decades to
> >come we can gradually force industrialization underground,
> >where it belongs, and restore to all citizens of our nation
> >their rightful heritage of breatheable air, drinkable water,
> >open space, family farm agriculture, a truly democratic
> >political economy. Why settle for less? -Edward Abbey
> >---
> >
>
> Jim,
>
> I have to tell you that I *love* the quote ... it reminds me SO MUCH of
> the pro-coders' reaction to any new technology .... truly wonderful ...
> :-)
> Carl - wa6vse
> carl@ais.net

Please! Allow me! :-))) ....

If we can draw the line against the no-code machine in
America, and make it hold, then perhaps in the decades to
come we can gradually force newer modulation methods underground,
where they belong, and restore to all citizens of our nation
their rightful heritage of analog, low data rates, QRN,
the vagueries of the ionosphere, a mail-box full of postcards,
donuts, hemorhoids, truth, justice and the ARRL way.
Why settle for less?

--
kevin.jessup@mail.mei.com

5219. Re: Libel me, Think.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: Andrew C Robertson <drewbob@mit.edu>
Message-ID: <3264F633.6AA2@mit.edu>
Source record: 214578

Burt Fisher wrote:
>
> you are treading on thin legal ground.

Thin ground? Is that going to cause RF in my shack?

drewbob aa1hx

5220. Re: ** FLEA at MIT ** Sunday 20 October Cambridge MA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: dibald@netcom.com
Message-ID: <dibaldDzDJLy.6yL@netcom.com>
Source record: 214579
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,sci.electronics.misc

If the people at flea markets and swap meets started knowing what the stuff was worth so they could guarantee it, I'd have to stop going. I count on them not knowing so they'll sell it cheap.

--
-=-=-=-=-=-=-=-=-=-=-=- Check out DIBs and TCJ -=-=-=-=-=-=-=-=-=-=-=-
Dave Baldwin: dibald@netcom.com | The Computer Journal 1(800)424-8825
DIBs Electronic Design | Home page "http://www.psyber.com/~tcj/"
Voice : (916) 722-3877 | Hands-on hardware and software
TCJ/DIBs BBS: (916) 722-5799 | TCJ/DIBs FAX: (916) 722-7480
-=-=-=-=-=-=- @#$%^&* I can't even quote myself! Oh,well. -=-=-=-=-=-=-

5221. Re: Made it!! (Extra) need rig now.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: <>
Message-ID: <542ukq$2caq@news-s01.ca.us.ibm.net>
Source record: 214580

In <3263E51F.5F02@csranet.com>, Hal Rosser <hmrosser@csranet.com> writes:
>If anyone has an old rig for little or nothing that's collecting dust,
>I would sure like to know. I started in Feb studying and finally made
>extra class... but don't have a rig yet. Any band.. I'm ready to start
>now.
>--
>thanks,
>Hal KT4QE
>hmrosser@csranet.com

Hal,

I don't have a rig for you, but, Congratulations on the ticket.

- Jim

5222. Re: HF Amateur Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: Robert Barron <barron@liant.com>
Message-ID: <3264FA82.6DA7@liant.com>
Source record: 214581
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Gary Coffman wrote:
>
> In article <325D2327.8F@liant.com> barron@liant.com writes:
> >Gary Coffman wrote:
> >>
> >> In article <325A7BC3.31E@liant.com> barron@liant.com writes:
> >> >I'll agree that early Amateurs were concerned with throughput too.
> >> >But you seem to imply that rag chewing was somehow less a part of the
> >> >hobby than it is today. I don't think anyone could make that
> >> >statement based on a verifiable fact. My guess is that ragchewing
> >> >has always been a part of Amateur Radio. Surely it must remain a
> >> >part, or else what's the throughput for?
> >>
> >> Absolutely. I do not for a minute want to imply that conversation
> >> is not a laudable use of amateur radio. It is one of the main things
> >> that content is for, others being traffic handling, emergency communcations,
> >> etc. What I meant to imply was that the fact of the contact's existence
> >> alone was not the primary reason for the early radio pioneers' activity,
> >> nor was it the primary reason for the early amateur's activities. Once
> >> they knew contact was possible (and that's been a well established fact
> >> for a very long time), the focus shifted to *doing something* with the
> >> contact. Whether that was passing formal messages or casual chatting is
> >> not the issue. The issue is that they started to exchange *information*.
> >>
> >Hmmmm.... I'm curious. When and how was this well established? I can
> >understand one having an opinion of that nature but how can it be so
> >well established?
>
> Marconi established the fact in 1901 that trans-Atlantic contact
> was possible, and quickly proceeded to make such contacts commercially
> viable. By the start of WWI, radio was in widespread commercial use.
> It was no longer a matter of whether contact was possible, but rather
> of what could be done with it. Amateur stations were often the equal,
> if not the superior, to commercial stations of the era. Amateurs
> also demonstrated that contact was possible very early on, and
> formed the American Radio *Relay* League to exploit those contacts
> for the passage of real messages among themselves.

OK, I think I misunderstood what you were trying to say. I thought you
were
trying to state that it was a well known fact that Amateurs as a group
collectively decided that making contacts was old hat and that some more
serious communicating needed to be done. I could not think of how you

could come to that conclusion.

I think that Amateur and commerical stations were often on equal terms back
then because the technology was so crude that it was realtively easy and inexpensive to build decent equipment (note I did not say it was inexpensive). I think the dollar ratio between state-of-the-art and affordable is much larger today than it was at the very beginning of radio. So I don't suspect Amateur Radio will be challenging the commercial
services in all technological phases, even after the code test is dropped.

> >> >If by radio pioneers you mean Marconi and Hertz, sure. But Radio
> >> >Amateurs I think saw fun in operation just as much (if not more) as
> >> >an application.
> >>
> >> Well, of course, amateurs get paid in no other coin. But the mere
> >> fact of contact isn't much fun for long, especially if many others
> >> have already "been there, done that". How many stations do you have
> >> to work at the antipodes before the novelty wears off? (Apparently
> >> for some of today's amateurs the answer is *all of them* and *several
> >> times over*.)
> >
> >I can understand your position on this. But I don't want to fault
> >someone else for enjoying the pasttime trying to work DX, even if they
> >work it more than once.
>
> Well, if the sole purpose for which we're granted valuable spectrum
> were for it to serve as a pastime, I might agree with you. But there's
> already a hobby HF radio service, in the 27 MHz band. And it entertains
> far more "skip shooters" than amateur radio.

Ummm.... unless they've changed the rules concerning CB it is not an "HF" service, even if it is located on the HF bands. The rules for CB used to specifically forbid international contacts and any QSO over a certain limit (can't remember how many miles). Many other countries did not have this limit and of course many US CB'ers never paid attention
to the rule anyway!

Also note that nowhere in part 97 does it state that one can not have any fun and that every moment must be spent in public service. So I fail
to see where someone having fun with Amateur Radio is such a bad thing.

> >> Well, I was very involved with the Mexican earthquake communications.
> >> I didn't hear much contest style operating (though unfortunately I
> >> did hear some). The fellows who were best prepared for that were
> >> traffic handlers who were well skilled in moving books of traffic
> >> efficiently. (I say that as an old traffic handler.)
> >

> >What do you mean by contest-style operating?
>
> Total lack of communications discipline, pile ups, rude behavior,
> a "me first" attitude, etc. Contests are about competition, but
> emergency communications is about *cooperation*. That's why I
> consider contesting so harmful. It fosters competition rather
> than the cooperation and channel discipline needed for effective
> passing of vital information.

Cooperation? You can't count on that, contests or not. Being able to effectively communicate in a contest environment can help one become a better emergency operator, IMHO, because it builds up skills for operating in a less than perfect environment. When I talk about contesting skills being applied to emergency operations, I'm not talking about a bunch of people trying to fight to become the net control station. Rather I'm talking about operators who know how to exchange information under adverse conditions.

In an emergency situation you can't always count on good conditions or cooperative Amateurs sharing the band. Due to power outages the signal strength may be low, so being able to copy weak signals in adverse conditions can be of help. Pactor you say? Sure, that would work great and should be used when possible. But this is an emergency and that mode might not be available so having some other skills is a benefit.

> Emergency communications revolves around getting everyone's
> message content delivered promptly and accurately in a properly
> prioritized manner. That requires tight channel discipline and
> a willingness to cooperate rather than to compete. When is the
> last time you heard a contest operator offer to relay the contact
> information of another station? Not only would it not be allowed
> under contest rules, but if it were it would hurt his own
> competitive position. Yet that is exactly what a traffic handler
> would automatically do.

Yes, relaying exchange information is not allowed because the point is trying to make contact with the other station directly. Because of this there is encouragement to build better stations.

> As the twig is bent, so grows the tree. I would suggest that
> it is very hard to switch mental gears and ignore contest
> conditioned responses and adopt traffic handling responses
> in an emergency communications situation.

I disagree strongly with that statement Gary. I've operated contests and have also provided public service communications (a non-emergency form of emergency communications I guess you could say). When providing communications I keep my mouth shut until I have something important to state or the net control op asks a question. And don't think I'm the only one who can do this.

73,

Robert KA5WSS
barron@liant.com

5223. Drake Service Phone # ??

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: Bernie Skoch <BSkoch@postoffice.worldnet.att.net>
Message-ID: <5420g3$66c@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 214582

Does anyone have the phone number for the service department
at Drake? I need a coulpe transistors and an FET for my old SSR-1.

Thanks.

Bernie Skoch
Honolulu

5224. Re: Ham Radio Clip Art

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: wa5dxp@worldnet.att.net
Message-ID: <542atb$a2u@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 214583

Mike Snowden <mikes@fishnet.net> wrote:

>Does anyone know of a source for ham radio clip art that can be used for
>news letters?

www.barrysclipart.com just got a collection.

73,

5225. Re: 'Nother Pro-code Luddite

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: Robert Barron <barron@liant.com>
Message-ID: <3264F50B.79C4@liant.com>
Source record: 214584
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Carl Stevenson wrote:
> There's nothing wrong with "wires in the tree" ... but they should be
> considered (at least partly) to be part of a WAN, not an isolated voice
> in the ether ...

I'm sure that you do not mean to imply this Carl but it almost sounds
like you advocate the removal of all modes of communication except
computer. Packet is one of my favorite modes and I am working to get
higher speed packet here is Austin but I would never make a claim that
other modes (SSB, FM and even CW) are somehow worthless and should be
done away with. To me, they are *all* fun and each provides a learning
experience as well.

> Having a voice conversation with someone in Zimbabwae (sp?) is NOT a big
> deal ... having him be part of your world-wide wireless network and
> being able to talk, type, and send documents, pictures, video, and
> computer files back and forth simultaneously WITHOUT WIRES is NEAT.
> Yeah, the wiz kid will be impressed an he'll like that ... in the
> majority of cases ... because the wiz kid ACCEPTS new technology and can
> appreciate the value in it ... unlike you and your CW cronies.

Exchanging email and files via radio with people around the world is
also
old hat. It's been done before. I agree 100% that it is NEAT and would
love to do that myself. But I do not for a minute think that Amateurs
doing this are breaking any new ground. What matters to me is that it
is
fun and I get to learn something along the way. But note that I could
do
this (have fun and learn) by making a contact via some voice mode as
well.

> >Maybe radio won't impress him at all, maybe he is better off
> >playing with the internet ?
>
> Ham radio theoretically IS PART of the internet ever heard of the
> <ampr.org> domain??? Right now its' utility and functionality are
> hamstrung by stupid limitations on interconnections, unattended message
> forwarding, content, and so forth ... that is changing and it will
> change more. Ham radio can, in the future, provide the ultimate in
> survivability for the internet in the case of disaster. No, not carrying
> the full load of the net to everywhere, but by providing connectivity to
> disaster areas when the shit has hit the fan and everthing else is out.

I agree 100% here. The current message forwarding rules are slightly
better
than what we had before but I'm not thrilled with them. I hope the
issue is
revisited shortly and that the entire blame for bad messages gets placed
where
it belongs, on the original sender.

BTW, I spoke with a leading packet advocate (I won't name names) and he suggested that in a TCP/IP networked environment there may be a loophole to the "first forwarding" station rule. Since machines in a TCP/IP network can be servers and clients, etc. your very own station is a part of the forwarding network and thus is the first forwarding station. Of course the FCC might not see it that way, but it's a thought.

73,

Robert KA5WSS
barron@liant.com

5226. Re: Dealing with Contests

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: Robert Barron <barron@liant.com>
Message-ID: <32650198.121E@liant.com>
Source record: 214585

Howard Watson wrote:
>
> >Nobody wants to "ruin people's fun" by restricting contesting, but by the
> >same token why should my fun be ruined >by< contesting? If a small portion
> >of each band were reserved for non-contest stations during contests, I
> >believe everyone would be a lot happier.
>
> >MD
>
> VERY well put. I myself am planning on giving it a try, but I sure
> don't think it should fill every band. I also do not accept the "go
> to a WARC band" argument. MANY of the older radios do no have the
> WARC bands.

Who shall decide the allowed percentage of the band to be used for the
contests? For other activities it's first come, first served. Why
should contesting be any different?

73,

Robert KA5WSS
barron@liant.com

5227. Re: Is the HTX 202 rely as bad as I have been told?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDzDLxo.55B@netcom.com>
Source record: 214586

Ron/Jeanne Angle (dom@athenon.com) wrote:
: That extended warranty will replace as many Nicad batteries as
: you wish for all five years of the warranty. And the standard
: battery is good for only about nine months! Good way to get
: free batteries when they otherwise cost $40.

Good point, but when it comes to replacing the battery pack, I'll probably
get one with a higher rating, such as from Icom or Periphex.

73 de Jim - KF6CR

5228. Re: ~FCC closes down all 12 monitoring stations

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: "Douglas \"Lonely Planet Boy\" Shawhan" <lysdexia@evansville.net>
Message-ID: <Pine.SOL.3.91.961016110237.9274A-100000@world.evansville.net>
Source record: 214587

On Wed, 16 Oct 1996, Kevin Jessup wrote:

> Carl Stevenson wrote:
> >
> > In <Pine.SOL.3.91.961015003321.7430C-100000@world.evansville.net>, "Douglas \"Lonely Planet Boy\" Shawhan" <lysdexia@evansville.net> writes:
> > >On 8 Oct 1996, Jim Reid wrote:
> > >
> > >____
> > >If we can draw the line against the industrial machine in
> > >America, and make it hold, then perhaps in the decades to
> > >come we can gradually force industrialization underground,
> > >where it belongs, and restore to all citizens of our nation
> > >their rightful heritage of breatheable air, drinkable water,
> > >open space, family farm agriculture, a truly democratic
> > >political economy. Why settle for less? -Edward Abbey
> > >---
> > >
> >
> > Jim,
> >
> > I have to tell you that I *love* the quote ... it reminds me SO MUCH of
> > the pro-coders' reaction to any new technology .... truly wonderful ...
> > :-)
> > Carl - wa6vse
> > carl@ais.net
>
> Please! Allow me! :-))) ....
>
> If we can draw the line against the no-code machine in
> America, and make it hold, then perhaps in the decades to
> come we can gradually force newer modulation methods underground,
> where they belong, and restore to all citizens of our nation
> their rightful heritage of analog, low data rates, QRN,
> the vagueries of the ionosphere, a mail-box full of postcards,
> donuts, hemorhoids, truth, justice and the ARRL way.
> Why settle for less?
>
> --
> kevin.jessup@mail.mei.com
>
I agree! I think I'll start by switching to one of theese old 1200 baud modem s I've got sitting around! (cheese! I have gotten more replies off this randomly chosen Ed Abbey quote.....)

5229. Re: CW Forever

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: pschleck@oasis.novia.net
Message-ID: <5431lc$kjt@oasis.novia.net>
Source record: 214588
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In <541e7d$hvb@castle.nando.net> ekugrad@nando.net(KA4IKH) writes:

>CW is the gatekeeper of ham radio. If we eliminate the CW requirements, you will soon be able to pick up a license at Wal-mart,
>along with the latest appliance operator special. I of course exagerate to make a point, but CW, love it or hate it, has been every
>hams baptisim into the realm of hamdom. The No-Code license has forever changed that.

Yeah, it let in all of those data operators who know how to type and set proper line margins. Well, you've succeeded in crashing into the wrong newsgroup and spouting all of the usual reactionary prejudices and common myths about CW. Seems like all of these arguably define you as a LID in the classic sense. So much for CW keeping out the riff-raff.

>We CW dinosaurs, as you no coders think of us, do not complain that you all are not on CW. I love the elbow room I have on all
>CW bands. But I will never agree to eliminate the CW requirement for HF privaliges. It is after all a privalige, which is something that
>must be earned. Maybe CW is not the current "in" mode, and maybe it has been abandoned by other services, but Ham Radio
>started with Code, and when it is eliminated, it will mark the beginning of the end.

"Privilege" seems to be an unfortunate term bandied about by modern-day bureaucrats and statists when they get chafed over "having to" allow people they don't like their rights. It's ironically amusing when it gets brandished as a weapon by the other end of the political spectrum.

Access to the "common heritage of all mankind" (e.g., electromagnetic spectrum) is arguably a right. The role of the state is to moderate access to this common property so that all can exercise their rights equally and fairly (and one person's rights don't impede the rights of others).

A good rejoinder to anyone who insists that such things are only "privileges" is to ask them under what circumstances such privileges can be taken away (consider a driver's license for example). They will say, of course if they commit a crime or endanger public safety, you've forfeited your "privilege." Then ask them how such a determination is made. They will point to some due-process procedure, such as a trial or administrative hearing. It doesn't take anything more than a layman's understanding of law to argue that something that anyone can get, and can only be taken away by due-process, is a right.

The "privilege" codeword is often used to mean "keep out those we don't like or don't agree with." In the past, such a "we reserve the right to

refuse service to anyone" mentality was usually a cover for outright bigotry. The rule of law is not determined by anyone's personal prejudices or desire to put fraternity hazing standards in place.

It's interesting you you use the word "baptism" above. It sounds like you are advocating amateur radio as a religion, and basing its entrance requirements on acceptance of certain religious beliefs. State-supported religions are prohibited by the U.S. Constitution, you know.

For amateur radio, this means fair, objective, and technically relevant standards and exams. Despite the protestations of Vince Biancomano and others, such fair and sensible regulations do not lower standards. In fact, history shows that fair and sensible regulations increase respect for, and compliance with, the law.

You show a disappointingly low regard for the ability of amateur radio to absorb and assimilate newcomers through the use of peer-pressure, leading by example, pride of belonging, and Elmering. These are ultimately what make amateur radio, not CW. Consider the REACT program in CB. Their share many of the same attributes of amateur radio operators, and are model operators as a result, despite their lack of CW training.

>I do encourage everyone who expresses an interest in ham radio, to get their license. I do not want to participate in a hobby that is
>elitist. I want Ham Radio to continue to grow and evolve, but eliminating the CW requirement is not the answer.

You contradict yourself when you say that you want to end elitism, but in the previous paragraph advocate extremely elitist, dictate-from-the-mountain, arbitrary standards to dole out "privileges" to those who you think "deserve" them.

>Unfortunitly, I am sure that in the end CW will loose out. The equiptment manufacturers succeeded in getting the no- code tech
>license created, so that they could sell a lot of radios. The end result is that the no-coders are the largest segment of the ham
>community. This will enevitably lead to the demise of the CW requirement and Ham Radio as we know it. As soon as it is put to a
>vote by the ARRL, what do you think will be the outcome? Let's see you can have all the rights and privilages of HF operation
>without learning the code. What say ye No-Code majority???

>If you think the ARRL is watching out for your interests, think again. They pay the bills with the AD dollars that Kenwood, Yaesu,
>ICOM, etc. spend month after month. They will put the best face possible on this CW debate, but in the end, they will recommend to
>the FCC that CW be eliminated as a requirement for HF licences.

This has been spouted over and over again, but there is no evidence beyond post-hoc fallacy and circumstantial evidence to argue for it. Unless you can prove money, consideration, or influence changing hands, you don't have a case, and it makes you look like a raving paranoid to

try to make one in the absence of evidence.

If I were to speculate, it instead sounds like bad-sport whining when
you know that things won't go your way with the FCC and the ITU.

>I am by the way a member of the ARRL and have been since I was first licenced. They aren't much but at present, they are all we
>have, and I would encourage everyone to join, and vote for CW friendly candidates in EVERY election. The ARRL can be
>changed, but it will take members who are willing to spend the time and let their voice be heard.

Say, for the sake of argument, that the majority of the membership
does want the elimination of the CW requirement. Will you then go
along? In a (supposedly) representative democracy in organizations like
the ARRL, change is effected not only by majority rule (i.e., voting for
candidates), but also by the technical merit of the proposal (causing
elected representatives to vote for them at board meetings). Do you
have both the numbers and the merit of your argument to back it up? I
don't think so.

>Do I sound like an old fart who should just shut up and die? Well maybe so, but I have been licensed for 17 years and at only 31
>years old, I feel like an old timer. I love Ham Radio, and I love CW. If we loose this fight, I am sure we will be religated to 5 or 10
>KC's at the lower end of the bands. Then I guess, All those CW ops who are sitting idly by, will wish they had done something.

Such arguments are usually ended with "how many years" they've been in
the hobby, as if that's necessarily a good thing. Experience can be
valuable, but age and familiarity can breed stubbornness and resistance
to worthwhile change due to fear of the unknown.

And for such a mode that's so robust, that operates in the smallest
amount of bandwidth, and that will "get through when nothing else will,"
there's an amusing amount of protests when CW has to fight for bandspace
and against interference from other modes, like any mode usually has to
do. If CW truly has merit, or at least attracts the interest of a
sufficient minority of hams, it will find a place in the bands (just
like AM phone has done).

>Best 73's and cu on the low end of the bands

>David, KA4IKH

>CW FOREVER!

I prefer the slogan "Amateur Radio Forever!" which is more in keeping
the Basis and Purpose Statement in FCC Part 97.

--
73, Paul W. Schleck, KD3FU
pschleck@novia.net
http://www.novia.net/~pschleck/

Finger pschleck@novia.net for PGP Public Key

5230. Re: Can Amatuer Radio survive ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct16.151830.12091@ke4zv.atl.ga.us>
Source record: 214589

In article <32642B80.7EDE@mail.mei.com> Kevin Jessup <kevin.jessup@mail.mei.com> writes:
>Gary Coffman wrote:
>> In article <3261A15D.7530@mail.mei.com> Kevin Jessup <kevin.jessup@mail.mei.com>
writes:
>> >CW or not, what is the big deal about HF?? Why should we care?
>>
>> It is the poor man's submarine cable or geosync satellite relay.
>> Amateurs can't afford to do continental or intercontinental networking
>> the same way the big commercial outfits do.
>
>
>Maybe I should have rephrased that. Rather than, "Why should
>we care?", how about, "Why should it be favored by the amateur
>radio incentive system?"

Why should there *be* an incentive (to pass faster Morse tests)
system? That's a separate issue from whether we should care about
HF. Incentive (to pass faster Morse tests) Licensing was a horrible
mistake when it was imposed, and it still is. But that is about
Morse Code test receiving speeds, not about HF per se. HF access
is just one of the rewards for accomplishing the faster Morse speeds
being incentivized.

>What is the big deal about intercontinent!!?? Why go applying
>the same old "DX mentality" to digital, networked data?

Well, if you want amateur radio to just be a parasitic appendage
to the wired internet, I suppose long haul doesn't matter to you.
But if amateurs are to provide alternative communications to the
commercial wired networks (for emergencies, or just because it
would be interesting to do), then we need those long haul inks.

>What if I just want to build a very local SS multimedia network among
>friends in town and add wireless net access right into my home
>LINUX box (that has an ISDN line into the internet)? Will amateur
>radio let me do that at high speeds using DS SS and a reasonable
>chip code? No. Will amateur radio let us toy with the kind of
>multimedia, portable, wireless units the pro-future telecomm marketing
>types can still only dream about? No. Yet this is EXACTLY the kind of
>experimentation on UHF and up that will save our bands from the commercial
>giants. Sorry, but CW moonbounce aint gonna do it.

Well you *can* do all that right now. What's stopping you? The
chip codes the FCC allows us to use now are sufficient, unless
we get thousands of amateur stations using them in the same area,
and that's highly unlikely. Sure, it would be *convienent* if we

could just adapt Part 15 devices to Part 97 operation, but where's the experimentation in that? So it isn't *essential* that we be able to use their spreading codes.

Go ahead, build your local DS SS systems at UHF, nothing is stopping you. In fact, because activity is so low, amateurs are so sparsely distributed, and our UHF+ allocations are so large, you don't really need SS at all. You can use point to point narrowband technologies just as well to create your multimedia local networks.

>Now I know all about requesting "special operating permission" from
>the FCC. But SS has been done time and again in the commercial
>and military world. We don't need to show proof of concept.
>Open the bands and let us DO IT. Let us implement some real
>systems, not just some kludge illustrating the basics.

Have you *tried* using the spreading codes we're allowed to use? What's the disadvantage? The fact is that the codes we're allowed to use will support up to 2,048 stations in the same coverage cell without overlap. Do you *really* expect a higher density of amateurs than that in the local cell? Now if we were allowed to use SS on HF, we'd need more spreading codes, because the added range would bring more stations into the "local" cell, but we aren't yet allowed to use SS on HF, and you say you don't care about HF anyway, so what's the problem? Seems to me you're just whining because you can't use a Part 15 appliance in Part 97 service.

>No, Gary, I am NOT against HF. I am against an emphasis on it.
>And our incentive system does just that.

No, our incentive system offers rewards for passing faster Morse Code receiving tests. Some of those rewards happen to be HF access, but that's beside the point. What is being incentivized (literally subsidized) is faster Morse receiving test taking skills. That's ludicrous, of course, but not germane to your complaint about HF.

>>Our networks are sparse,
>> we can't afford to setup a microwave relay site every 30 miles or lay
>
>I have a feeling amateur radio would be very very surprised at what it
>could do if it put as much time and effort into building such a network
>as it does contesting, collecting QSL cards and testing for Morse code
>proficiency. I have a feeling amateur radio would be very surpised
>at what it could do if it gave as much priority and tower space to local
>RF TCP/IP nodes as they to do analog repeater antennas. I have a feeling
>amateur radio would be very surprised at what it could do if it's members
>started thinking cooperative, RF networks instead of mostly big, fat,
>expensive HF rigs, towers and amps. This "lone RF outpost in the
>wilderness" mentality is killing us.

I'd suggest that if you had *tried* to establish such networks you'd have a better appreciation for just how sparse any amateur network

truly is. Here in Georgia, we've got about 1300 digital operators spread over 30,000 square miles. GRAPES has been working for 8 years to get those operators serviced by a 56 kb network, and it still isn't complete. Covering the entire 4th call area is only a distant dream.

Now think about what would be needed to service the 7th or 0 call areas. There's too damn many square miles, and too damn few amateurs per square mile. Even the cellular boys, who have billions to spend, and the power of eminent domain in some cases, haven't been able to get adequate coverage of much of the US. With amateur resources you're completely mad if you think it can all be done on UHF. There are lots of long hops that need to be made, and UHF won't do them.

A local cell isn't very interesting if it only contains one or two amateurs. They want a bit more variety in who they can contact. That means the network needs to be interconnected on larger and larger scales. I want to be able to exchange packets with stations on the West Coast via an amateur radio network. That's not going to happen purely at UHF. There are too many places between here and there where there's no amateur activity, and the several hundred hops required would have so much latency that roundtrip times would be measured in hours. The hop count needs to be under 16 to retain reasonable latency. The internet achieves that by a mix of short and long haul wired links. We need to do the same thing via radio.

>> underground fiber, and we can't afford to lay submarine cables either.
>
>Why do we have to JUMP from doing virtually nothing to duplicating
>the world's telecommunications infrastructure? Is there no middle
>ground? I guess while some people see possibilities, others only
>see problems.

We've *done* the local cell, we've linked *some* of them together to form partial state networks, we're *working* on completing that. But we have to think about tying it all together into a coherent system. We can't do that at UHF, and we likely won't ever be able to do that at UHF. Even if we could, the latency due to the number of hops involved would kill us. We *must* have a long haul capability if we want to ever expand from being scattered appendages hanging parasitically off the wired internet. If one doesn't consider the problems in the design phase, one will discover them later after too many wrong choices have been made and too much money spent on the wrong solutions for them to ever be corrected.

>> We have satellites, but their capacity is limited, and since they are
>> low orbit, latency and availability are unsatisfactory. Geosync remains
>> financially out of our reach, and likely will remain out of our reach
>> for a long time to come. That leaves HF as our only long haul alternative.
>> It is equivalent to about $100 million in geosync satellite capacity.
>
>I never asked to eliminate HF. I was talking about a bass-ackwards
>incentive system that thumbs it's nose at 21st century communication

>methods.

Then talk about the methods, and not the bands needed to accomplish
the network. Those are two distinct things. What is being incentivized
is Morse Code. It should be obvious that's useless for a modern network,
or most anything else that requires more than trivial content transfer.

>> Our VHF+ spectrum is very valuable, and growing more so daily, but
>> it can't substitute for HF when we need long haul communications.
>
>Yeah, yeah, yeah. We have plenty of expertise in long haul analog
>on HF. Why must every new mode that comes out be held up against
>analog, HF, DX??

Because it is an old and well established metric. If our new systems
can't do better, then they *aren't* better. (Fortunately, there *are*
better methods we can use. The problem is getting a critical mass to
adopt them.)

>Nobody is suggesting we build Gigabyte/sec networks
>across the atlantic.

Why not? Personally, I think that would be great. I've even got a
few ideas how we might be able to do at least Mb/sec across the
Atlantic, if we could get rid of some antiquated regulations.
Do you?

>The high-speed digital mutimedia RF fun can be
>had right in your own back yard and within your immediate community.

We've already got that, why haven't you? That's practically off the
shelf. I can web browse via a 56 kb link *right now*. Why can't
you? All you have to do is get out there and *do it*. And if 56 kb
isn't fast enough for you, I've got some microwave gear out in the
barn that can do 10 Mb full duplex. That's 20 year old technology.

>Sometimes I feel that rather than expertise, what the members of
>this hobby really lack is imagination.

Sometimes I think what they need is some practical experience with
wireless wide area networks with a sparse topology. It is *very*
different from most commercial wired network experience. Once
you grasp the realities, wrestle with the topographic maps, and
study the demographic distribution of amateurs, *then* you may be
able to productively apply imagination to the problem. As long as
you don't grasp the problem, you never can find a solution.

>> Most activity at VHF+ faces only an AGWN environment, and that's
>> the easiest one to master. So VHF+ doesn't offer the challenge to
>> the developer that HF offers. HF is a far from benign environment,
>> and strongly challenges us to design equipment that can deal with
>> its rigors while still maintaining good throughput. That makes it
>> interesting.

>
>I prefer UHF and up. Gee...PCS, GSM, IS95 and IS54 are not challenging?
>Smaller amateur versions of the same would be trivial to implement?

The RF isn't challenging. Getting the sites and interconnecting the
cells in our sparse topology is what would be challenging. That's
mostly a political, organizational, demographic, and geographical
problem, not a technical problem. I've fought those battles, I
understand those issues, but I don't think you do.

>Well I guess I better get on HF and learn something REALLY cool. ;->

If you are interested in challenging *technical* problems in a hostile
RF environment, you certainly should. There aren't any really challenging
technical issues to solve at UHF. The technical issues of RF networking
are cookbook at UHF. Give me the resources and I'll set up a three nines
network anywhere you like on UHF without developing one new thing.

HF has unique technical challenges to be addressed, as well as offering
some unique solutions to the problems which plague a UHF+ network.
There's the fading multipath channel, the heavy natural QRN, the heavy
manmade QRM, and the erratic nature of the ionosphere to be dealt with.
But there's also the long hop span which reduces hop count and the required
amount of network resources needed to cover the large areas of a sparse
network topology. So those of us interested in the techincal issues of
RF data transmission find it an irresistable challenge to design systems
to deal with those characteristic impairments and exploit those characteristic
strengths.

We've got to watch out that the tail doesn't wag the dog here. Amateur
radio is about radio first, and other things second. Sure, network
protocols, routing issues, etc are interesting, but they don't mean
diddly unless the underlying physical layer is in place and working.
To do that on HF is challenging, but I think it is ultimately necessary
if our amateur data networks are to be more than scattered minor appendages
parasitic to the commercial wired networks.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

5231. Re: ** FLEA at MIT ** Sunday 20 October Cambridge MA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: hill@rowland.org
Message-ID: <542s0l$opo@shore.shore.net>
Source record: 214590
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,sci.electronics.misc,ne.forsale,ne.gener

Xochi Zen at x@apocalypse.org says...
>
>In article <542k11$43u@izzy4.izzy.net>, Tim Hynde <mlc@izzy.net> wrote:
>>In article <5409dq$q0d@asylum.apocalypse.org>, x@apocalypse.org says...
>>
>>> One thing that I've found is that *some* of the dealers there sell stuff
>>> that doesn't work and refuse to take anything back.

Are you guys going to the same "flea at MIT" that I go to? Of course everything is "as is" but I've found that even when the guy says, "I have no idea if it works," that it usually (or at least often) does. What do you expect for a song? If it looks like junk, it probably is!

I've picked up power supplies of all types, wideband 100W RF amplifiers, BIRD wattmeter plugins, HV glass capacitors, meters, Tek scope plug-ins, HV probes, DC current probes, bipolar power amplifiers, power resistors, 50-ohm high-power loads, SWR meters, wideband ferrites, 10-turn pots (new by the set of 10 still boxed), variable capacitors, including 5kV types, data books, old books, microwave oscillators and amplifiers, crystals, power transistors, varactors, a 3COM 3C509 ethernet combo card for $25 - worked perfectly - I'm using it now, RF cables and connectors for a song, and one very large scissor-style lever switch (what's a scientific laboratory without one of those?).

Now, anybody seen any HV high-current rotary switches?

--
Winfield Hill hill@rowland.org
Rowland Institute for Science
Cambridge, MA 02142

5232. Re: Looking for transistor.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: Doyle.Souders@nsc.com
Message-ID: <DzDopC.6Lw@nsc.nsc.com>
Source record: 214591

I checked some of our cross references and I see an N-Channel JFET with the number J310. The JEDEC package type for this device is TO-92. A TO-92 is a small black plastic package that is flat on one side and with three inline leads. From the top the package looks like the letter D. This FET is listed as a RF, VHF, UHF amplifier device. If that package matches yours then this might be the device you are looking for and it should be listed in most cross reference catalogs under JFETs or FETs.
Hope this helps.

5233. ITU requires send test as well as rcv

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: Monty Wilson <mwilson@bangate.compaq.com>
Message-ID: <DzDECu.LGq@twisto.eng.hou.compaq.com>
Source record: 214592
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>Fortunately, I took my tests before the FCC stopped adhering to
>the treaty, so I'm ITU legal. You fellows who took a receiving only
>test aren't ITU legal amateurs when you operate below 30 MHz.

Well if those ITU whippersnappers think they have any authority over
my station, all they have to do is listen on 30m between 7am and 8am
Central Time and they'll have all the proof they need.

--
.........Monty.
mwilson@flex.net

5234. Re: Goodbye.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: terrybu@netman.ens.tek.com
Message-ID: <542vd5$it9@netman.ens.tek.com>
Source record: 214593
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.swap,rec.radio.cb

Gary wrote:
>Hams can draw two important lessons from this, protect your guys,
>and quit work if the wind picks up more than you like. You ca

Truer words were never spoken. I grew up in Roseburg, Oregon and there is an old Johnny Cash song about him and his dad going to Roseburg with a line that goes,

You don't cut timber on a windy day,...

The same can be said of tower work. Not if you want to be around long.

Terry

5235. Re: SCREW THE CODE!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <543643$k0l@freenet-news.carleton.ca>
Source record: 214594

Carl Stevenson (carl@ais.net) writes:
>
> As I wrote this, I had forgotten that you're Canadian ... I suspect that
> with your smaller population and lower population density there may not
> be quite the same level of pressure on the spectrum (at least in much
> of) in Canada ... here in the US it's fierce, and the regulators are
> VERY enamoured with the spectrum auction ... it saves them the trouble
> of figuring out what's the "best use" (on the {sometimes false}
> presumption that the "best use" will command the highest bid)
> and it has already raised BILLIONS of dollars of revenue for the
> government ...
>
> Carl - wa6vse
> carl@ais.net
>
>

I understand what you say. Firstly we in Canada and in the rest of the world, I suspect, don't pay as much attention to what the FCC has to say about the radio spectrum. In Canada the equivalent Gov't agency the D.O.C. (Department of Communications) has been incorporated into another department of Industry Canada. Even Its role has been deminished.

Don't forget in the States that competition lives much more fiercly than in Canada. Canada has a confederation which has a strong Federal Gov't which dicatates (in between elections) the status quo. Strong lobbiers mean not as much as in the States.

I don't think Amateur Radio can make more significant advances in communications that a well paid multi-billion dollar defence companies. So that's why I treat it as a hobby.

--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

5236. Re: What a Wonderful Life.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: dg198@FreeNet.Carleton.CA
Message-ID: <5436m9$k7k@freenet-news.carleton.ca>
Source record: 214595

Burt Fisher (k1oik@ccsnet.com) writes:
> Casey wrote:
>
>> Hey Burt. Do us all a favor. Take that gun you keep by your bed to
>> fend off burglars, (and pissed off hams), put it in your mouth and
>> pull the trigger. Your wife and the ham community will be glad you
>> did.
>
> What ever I am and I do mean whatever I am I would not be so
> uncaring and so unfeeling to write the above.
*****(begin violin concerto)*****> But you did and not one gutless little ham
will say you are wrong. > But you are.
>
> #===============#===#
> | Burt Fisher | Teacher of video, broadcasting and electronics |
> | Amateur call | South Dennis, Ma. (Cape Cod) |
> | K1OIK | If you sit on the fence, it is a pain in the butt|
> #===============#===#
> | k1oik@ccsnet.com |
> #===#
> If you try to milk too much, you won't get a drop
> Samantha Fisher

--

Bye for now, Frank Sved (VE3GID) at dg198@freenet.carleton.ca

5237. Re: Libel me, Think.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: Kory Hamzeh <kory@avatar.com>
Message-ID: <Pine.BSI.3.91.961016105853.6923D-100000@avatar.avatar.com>
Source record: 214596

On Mon, 14 Oct 1996, Burt Fisher wrote:

>
> My HF gear is still here and running just fine.
> Lots of people made threats towards me but I never take
> a ham threat seriously.
> I do not hate hams, I hate they way many act. Contesters are pigs
> othewr hams merely have no life.
> My wife hates hams, my daughter hates ham and my daughter
> wants to turn in her license.
> Ask her.
>

Your entire family is just full of hate, isn't it?

5238. Re: What is HAM

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: cphillips@pobox.com
Message-ID: <543bof$op6@redstone.interpath.net>
Source record: 214597

pschleck@oasis.novia.net (Paul W Schleck KD3FU) wrote:
>In <1996Oct10.155149.5075@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>>In article <53gpot$agl@news.u-strasbg.fr> mossmann@u-strasbg.fr (mossmann frederic) writes:
>>> I'm a french HAM [F1UIH] and I want to know something...
>>> What is HAM ???

>>Another theory holds that it derives from what commercial
>>operators called amateurs. They referred to them using the
>>old telegrapher's insult of "ham fisted", meaning that they
>>weren't of professional skill. This may be the true origin
>>of the term, but it seems unlikely that amateurs would willingly
>>adopt a term meant to be insulting to them as their name.

>I had an English professor back at UMD who pointed out that "bad" or
>"insulting" words sometimes fall into a period of disuse, and that
>disuse cause them to become obscure, setting the stage for them to be
>(ironically) resurrected with more polite, or merely self-deprecating,
>meanings. Consider, for example, the word "naughty." In Shakespeare's
>time, it directly translated as "evil" or "demonic," and therefore fell
>out of polite usage. In current usage, it's much more benign, and often
>used to good-naturedly scold friends or children.

>It would not be implausible then, for what started out as an insult to
>later become adopted by the target group as a self-deprecating nickname
>to be worn with pride.

The same thing (sort of) has happened to the word "hacker". First it was
a somewhat derogatory (in the 1970s) way of referring to programmers who
weren't professionals.
Then in the early 1980s, every new computer user wanted to be called a
"hacker".
More recently, it has been generally used as a name for those who commit
computer crimes.

BTW... a 1933 article about the early days of line-line telegraphy says
that the word "ham" was used as a derogatory name for poor telegraphers,
predating radio.

I tend to think this is the most likely explanation for how the word
"ham" came to be used.

============ Opinions expressed are solely those of the author ============
Curt Phillips KD4YU (ex-WB4LHI) | Motto of the
Engineer/Writer/Gadgeteer/Raconteur| Tarheel Scanner/SWL Group:
Chairman, Tarheel Scanner/SWL Grp | #2) The more they don't want you to

ARRL Life; QCWA; Raleigh ARS; NRA |listen, the more interesting it must be.

==== cphillips@pobox.com ======= [Copyright 1996 All rights reserved]======

5239. Re: Can Amatuer Radio survive ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: Steve Eklund <72527.01012@compuserve.com>
Message-ID: <32656C13.3EED@compuserve.com>
Source record: 214598

kk5dr@io.com wrote:
>
> Will it be alive, as we know it, in 10-20 yrs.? Your opinions please.

The way the world is going, will anybody or anything be alive in 10-20 years? Nobody knows, but the way things are going with all of the greed in the world, ham radio is probably the least thing we have to worry about.

I sincerely believe that in this world money talks and it is just a matter of time before the already glutted telecommunications industry actually gains control or even ownership of all of the frequency spectrum. No longer will you be able to have a hobby that allows you to talk to your friends across town or around the world for free. They will most certainly have communications gear available, but they will want to charge you for every minute of communications time, just like they do now with cellular phones.

Hardly a week goes by without something that we used to get for free gets either taxed or charged for. I picture a world with not only pay-per-view television, but pay-per (or for)-EVERYTHING! They are already trying to get us off of a system where you walk into a store and use Federal Reserve Notes to buy things over the counter.

We will all have a money card that has credits or some other monetary unit assigned to it. We will pay for everything and anything that we buy or do with this card. When payday comes around we will have more monetary units wired into our account. When it comes time for payment of taxes, the government will just take it with an electronic exchange of funds.

You want to watch TV? Just swipe the card into the reader on the front or top of the TV and not only will the program you are watching be payed for automatically, but more credits or monetary units will be taken from your card to pay for the electricity that it takes to run the TV and for the sales or excise taxes that will be wired to the government.

You want to talk on ham radio? Swipe the card into the transceiver and it will work for a fixed amount of time, so long as you have enough credits left to pay the telecommunications company who owns the frequency (who bought the frequency from the government through an auction years ago).

Why, you may ask? Because we are letting them get away with it right now! While we are busy worrying about trivial matters such as banning Morse code, running our new car's air-conditioners on environmentally safe refrigerant, and O.J. Simpson, the politicians (that WE have elected) are busy giving this country away to keep their rich friends and campain

donators happy.

This response may sound a little extreme, but it could happen. Think about it!

Steve

5240. Re: Libel me, Think.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: Mark Fossum <n0nsv@amsat.org>
Message-ID: <3264E701.6F1E@amsat.org>
Source record: 214599

Burt Fisher wrote:

> Who would care if I turned in my license. I have a voice with my
> license.

I wonder, is that TYPICAL ham thinking? You keep preaching that Hams don't have a life etc. etc. So your licence gives you a voice? To who? The people that you contend don't have a life? BTW: You don't need a license to type messages here or on the Internet. Turn it in. At least someone could say that you stand behind your beliefs then! Right now you're just another whiner with a license.

> You would never ever would want me silenced?

Well written, well stated! (Huh?) What do you teach again?

> My wife and daughter hate TYPICAL hams. I am not that.

Oh! TYPICAL hams! I see! You didn't say that! Why don't you say what you mean? Could it be that you don't really know what you want to say? Since we're on the subject: Why do you contend that everyone is a TYPICAL ham? (Except for you of course!) Is there some committee that we should know about? The one that JUDGES us as TYPICAL hams? Or are you the self-appointed judge? (Let me guess)

> I am happy AND PRODUCTIVE.

You produce alot of whining, contradictions and personal jabs. That's all I've ever seen you produce. Everytime someone pins you down on your like hypocracies, you take a 90 degree turn in the subject. Are you going to do that now?

Mark Fossum

5241. Re: Movie Starring Burt Fisher ????

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: Mark Fossum <n0nsv@amsat.org>
Message-ID: <3264E7B4.B0F@amsat.org>
Source record: 214600

Gary Newberry wrote:
>
> The suggestion in an earlier post of a movie starring Burt Fisher
> sounds interesting, we could have the handsome dashing Burt (played by
> Tom Cruise) as the resident 'savant' professor at an Ivy League
> university. By day Burt pushes the limits of known science in
> instructing his students in the rarefied esoterics of holding a video
> camera and rewinding a VHS cassette, Burt REALLY pushes the limits of
> science when he attempts to instruct his underlings on how to
> correctly set the digital clock on a VCR !!! At the end of the day the
> dashing Burt jumps into his Dodge Viper and barrels at Nascar speeds
> on the freeway to his beautiful home in the burbs and his lovely wife
> Vicky (Demi Moore), there Burt hurries through dinner and makes his
> way to the computer and fires up on the net to save the hapless
> denizens of rec.radio.amateur.misc and alt.support.divorce. Meanwhile
> Vicky (Demi Moore) carries on a HOT STEAMY affair with a local Walmart
> "associate"(Tom Hanks) who gives her what she's really been desiring
> from Burt but he never has time for (lots of sex). The movie ends on a
> tragic note when Burt sees a picture of Vicky (Demi Moore) and her
> Walmart lover(Tom Hanks) in a compromising position in
> alt.binaries.pictures.girfriend and commits suicide by grabbing the B+
> line in his SB-220 !!
>
> Whaddya think ????
> Gary
> E-Mail: garyn@tir.com
> "life is what happens while you're busy making plans"

I like the end! Could we have Burt do his own stunts? Especially at the
end!

5242. Pre-WW II YL operators

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: kwp@rai.ping.at
Message-ID: <6IykNBIk-jB@rai.ping.at>
Source record: 214601
Cross-posted to: uk.radio.amateur,rec.radio.amateur.misc

Still working on our research project we invite and welcome *any* kind of
information & QSLs on pre-WW II YL operators (outside UK and VK)
particularly from
- Portugal (Pie de Avillez CT1BE)
- France (Madame Schotte F8YL)
- Germany, Spain, Italy...
- New Zealand (Thelma Souper ZL2FR/ZL1CN, Margaret Chapman ZL4GB, Renee
McCurdy ZL3HC, Peggy Cameron ZL4CL...)
etc. etc.

Has anybody a spare copy of
QC YL / The Story on Women in Amateur Radio
by Louisa B. Sando W5RZJ
to sell or donate?

Please pass the word. Please forward this message to your local/regional
Packet Radio network. Thanks.

73 de Wolf OE1WHC
Hon. Curator
QSL COLLECTION

(More about us? Check http://www.ping.at/rai/

Wolf HARRANTH OE1WHC InterNet: kwp@rai.ping.at
Radio Austria International Fido : 2:310/39.44
A-1136 Vienna Packet : OE1WHC@OE1XAB.AUT.EU
Austria/Europe Fax : +43/1/87 87 8-44 04

CrossPoint v3.1 R

5243. Re: Ham Gear for Sale....

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: Dave Booth <booth@pactitle.com>
Message-ID: <3264FF0D.41C6@pactitle.com>
Source record: 214602
Cross-posted to: rec.ham-radio,rec.ham-radio.swap,rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.swap,rec.radio.swap

Ramon Gandia wrote:
>
> Jim Roberson wrote:
> >
> > I have the following Ham Gear FOR SALE....
> >
> > Kenwood TS-450AT
> > Henry 2k-4 Console Amp.
> > Reason for selling is that I just got married a few months ago and
> > either the Ham Gear or me go.
>
> Jim:
>
Hummm........

By my new wife!!!!!!!!!!!
Dave Booth kc6wfs
http://www.geocities.com/Hollywood/5860/

5244. Welcome To The European Microwave News

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: Simon Lewis <slewis@pacsat.demon.co.uk>
Message-ID: <O+5CsMAGQEZyEw7f@pacsat.demon.co.uk>
Source record: 214603

Interested in microwaves? Operate on frequencies above 1 GHz?

Want to know more about the SHF bands?

Then point your web browser at: http://www.pacsat.demon.co.uk

The European Microwave News is published on a regular basis and is
dedicated to microwave operations across Europe.

The newsletter is available by email subscription or the web.
It carries news, letters of interest, band reports, operating
information, sales and wants and much more.

Its free to everyone by simply accessing the url or
by sending an email to: emn@pacsat.demon.co.uk
with the words 'subscribe' in the text.

The web site also carries much more information about the bands above
1 GHz and is being continuously updated.

Interested?

Send me your subscribe message now and I will send you the latest
issue, or alternatively, point your browser to www.pacsat.demon.co.uk
and download the web version!

73 Simon GM4PLM
European Microwave News Editor

```
+-----------------------------------------------------------------+
| *** THE EUROPEAN MICROWAVE NEWSLETTER *** |
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| Email: emn@pacsat.demon.co.uk Packet: GM4PLM @ GB7SAN |
| Web Homepage & Microwave Resource Center - www.pacsat.demon.co.uk |
+-----------------------------------------------------------------+
```

5245. Re: ** FLEA at MIT ** Sunday 20 October Cambridge MA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: payne@OpenMarket.com
Message-ID: <543nhd$ckq@aegean.openmarket.com>
Source record: 214604
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,sci.electronics.misc,ne.forsale,ne.general,rec.radio.amateur.homebrew

In article <5409dq$q0d@asylum.apocalypse.org> x@apocalypse.org (Xochi Zen) writes:
>
>Is this the one where cantankerous old men sell stuff that their
>wives have been begging them to get rid of? One thing that I've found
>is that *some* of the dealers there sell stuff that doesn't work and
>refuse to take anything back. A better bet for old electronics gear
>is probably the Electronics Superstore (in Waltham... or is it Woburn?).

The store is in Woburn. If you take 128/95 north, you get off at the
Woburn exit with the Jaguar/Toyota dealer, and loop around to the buildings
on the right by the exit ramp. They have a tall sign that's visible from
the highway.

>They'll refund your money if you buy something from them and find that it
>doesn't work when you get it home.
>I'd like to see the dealers at the MIT flea market be held to this sort of
>policy. If people don't have ethical standards, I say *impose* some on
>them.

I don't think that anyone could or should do anything like this.

If you, as a buyer, don't like the guarantees offered by a particular
seller, take your business elsewhere. I personally wouldn't depend on
verbal guarantees: get a business card and a receipt with a written
guarantee ("guaranteed working" or something). If the seller won't do
this, don't buy.

If you want the lower prices of "as-is, buyer beware" products, and you
have the knowledge to test function before you buy, or can fix afterwards,
enjoy the flea!

--
Andrew Payne http://www.openmarket.com/personal/payne
Open Market, Inc.

5246. Re: 'Nother Pro-code Luddite

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: carl@ais.net
Message-ID: <543q1p$quk@news.ais.net>
Source record: 214605
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In <3264F50B.79C4@liant.com>, Robert Barron <barron@liant.com> writes:
>Carl Stevenson wrote:
>> There's nothing wrong with "wires in the tree" ... but they should be
>> considered (at least partly) to be part of a WAN, not an isolated voice
>> in the ether ...
>
>I'm sure that you do not mean to imply this Carl but it almost sounds
>like you advocate the removal of all modes of communication except
>computer.

No, that's not exactly what I'm saying ... what I'm saying is that we NEED to build a REAL network ... and that that network will be able to carry LOTs of different types of traffic and content ... just like the internet carries textual messages (e-mail), "RealAudio", various forms of videoconferencing, internet phone, etc., etc.

We can make much better use of our spectrum with better modulation, coding, and protocols.

>Packet is one of my favorite modes and I am working to get
>higher speed packet here is Austin

I hope you've set your sights at 64kbps or better for user links ...

>but I would never make a claim that
>other modes (SSB, FM and even CW) are somehow worthless and should be
>done away with. To me, they are *all* fun and each provides a learning
>experience as well.

I have never said "get rid of" or "ban the use of" CW or any other mode .. what I have said is that there are better ways to do the same things and we should be inventing, developing, and adopting them, NOT insisting that we MUST remain in the past ...

>> Ham radio theoretically IS PART of the internet ever heard of the
>> <ampr.org> domain??? Right now its' utility and functionality are
>> hamstrung by stupid limitations on interconnections, unattended message
>> forwarding, content, and so forth ... that is changing and it will
>> change more. Ham radio can, in the future, provide the ultimate in
>> survivability for the internet in the case of disaster. No, not carrying
>> the full load of the net to everywhere, but by providing connectivity to
>> disaster areas when the shit has hit the fan and everthing else is out.
>
>I agree 100% here. The current message forwarding rules are slightly
>better

>than what we had before but I'm not thrilled with them. I hope the
>issue is
>revisited shortly and that the entire blame for bad messages gets placed
>where
>it belongs, on the original sender.
>
>BTW, I spoke with a leading packet advocate (I won't name names) and he
>suggested that in a TCP/IP networked environment there may be a loophole
>to the "first forwarding" station rule. Since machines in a TCP/IP
>network can be servers and clients, etc. your very own station is a part
>of the forwarding network and thus is the first forwarding station. Of
>course the FCC might not see it that way, but it's a thought.
>

I hear you ... we need to be careful not to stretch loopholes too far,
or we may get an unwanted knee-jerk reaction in the opposite direction.
I'd prefer to see us make the case for change and get the change in
place in an above-board fashion.

73,
Carl - wa6vse
carl@ais.net

5247. Re: Ham Gear for Sale....

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: hammarlund@jacksonmi.com
Message-ID: <5434en$ke0@krypto.zippo.com>
Source record: 214606
Cross-posted to: rec.ham-radio,rec.ham-radio.swap,rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.swap,rec.radio.swap

Dave Booth <booth@pactitle.com> wrote:

>Ramon Gandia wrote:
>>
>> Jim Roberson wrote:
>> >
>> > I have the following Ham Gear FOR SALE....
>> >
>> > Kenwood TS-450AT
>> > Henry 2k-4 Console Amp.
>> > Reason for selling is that I just got married a few months ago and
>> > either the Ham Gear or me go.
>>
>> Jim:
>>
>Hummm........

>By my new wife!!!!!!!!!!
>Dave Booth kc6wfs
>http://www.geocities.com/Hollywood/5860/

I'm affraid it would be hard..but, gee, I'd sure miss her...

8-)

==========]-[->
Robert Fowle KC8DBC
The HAMMARLUND Historian
Ph. 517-789-6721
1215 Winifred
Jackson, Mich. 49202-1946
E-mail: hammarlund@jacksonmi.com
Web Page: http://www.jacksonmi.com/hammarlund
HAMMARLUND LITERATURE WANTED
WANTED: MANUALS FOR ANY MAKE RADIO EQUIPMENT
==========]-[->
Boatanchors: the list: listproc@theporch.com......subscribe boatanchors <your name>
the news group: rec.radio.amateur.boatanchors

5248. Re: CW Forever

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: dx@tir.com
Message-ID: <32656b75.4710069@news.tir.com>
Source record: 214657

I love CW also but what's in a QSO anymore that warrants using it ? Does anyone really care what the wx is like in some other city, how old the other guy is, what kind of rig he's running ? Do you really care that the other guy has bunnions or hemmoroids or is a retired janitor ? I don't think anyone does so why bother with ham radio at all anymore ? It will probably be a dead hobby within the next 10 years or they'll just open it up for anyone who wants to use it. CW *and* Phone QSO's in general suck and are meaningless tribble. Thank god for the "NET" !

Burt's right about one thing though, contestors are PIGS as are dx'ers
--
Signed,
25 years of ham radio and burned out...

On Thu, 10 Oct 1996 13:19:17 GMT, cookt@ouvaxa.cats.ohiou.edu wrote:

:>Yea I was forced to learn CW to get my license just like
:>most of you. I have come to really like using CW with
:>low power and little or no interference on the HF bands.
:>Listenting for my call in the noise after calling CQ is
:>what I live for. So for me, Long Live CW... WB8BCO

5249. Re: Movie Starring Burt Fisher ????

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: dx@tir.com
Message-ID: <32656df6.5350495@news.tir.com>
Source record: 214658

Hey, can I have dibs on the SB-220 ?

On Wed, 16 Oct 1996 05:06:09 GMT, garyn@tir.com (Gary Newberry) wrote:

:>The suggestion in an earlier post of a movie starring Burt Fisher
:>sounds interesting, we could have the handsome dashing Burt (played by
:>Tom Cruise) as the resident 'savant' professor at an Ivy League
:>university. By day Burt pushes the limits of known science in
:>instructing his students in the rarefied esoterics of holding a video
:>camera and rewinding a VHS cassette, Burt REALLY pushes the limits of
:>science when he attempts to instruct his underlings on how to
:>correctly set the digital clock on a VCR !!! At the end of the day the
:>dashing Burt jumps into his Dodge Viper and barrels at Nascar speeds
:>on the freeway to his beautiful home in the burbs and his lovely wife
:>Vicky (Demi Moore), there Burt hurries through dinner and makes his
:>way to the computer and fires up on the net to save the hapless
:>denizens of rec.radio.amateur.misc and alt.support.divorce. Meanwhile
:>Vicky (Demi Moore) carries on a HOT STEAMY affair with a local Walmart
:>"associate"(Tom Hanks) who gives her what she's really been desiring
:>from Burt but he never has time for (lots of sex). The movie ends on a
:>tragic note when Burt sees a picture of Vicky (Demi Moore) and her
:>Walmart lover(Tom Hanks) in a compromising position in
:>alt.binaries.pictures.girfriend and commits suicide by grabbing the B+
:>line in his SB-220 !!
:>
:>Whaddya think ????
:>Gary
:>E-Mail: garyn@tir.com
:>"life is what happens while you're busy making plans"

5250. Re: Code or No Code...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: carl@ais.net
Message-ID: <543qvs$quk@news.ais.net>
Source record: 214659

In <541gcd$8kp@anomaly.ideamation.com>, kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:
>In article <541336$7m4@news.ais.net>, Carl Stevenson <carl@ais.net> wrote:
>
>>It is well-accepted in the engineering community that there
>>are many modulation and coding combinations that are FAR more effective
>>than OOK Morse in the face if poor channel conditions such a fading,
>>interference, and noise ...
>
>That's nice. How many of these are in use in the amateur bands? How
>many are available in commerically-available ham gear?
>

And your point is?????

It SOUNDS like your point is "If we're not *already* using it and it's not *already* being mass-produced, we can't even *consider* using it.

So, in YOUR world view, there IS no future, there CANNOT POSSIBLY be any progress, and we CERTAINLY shouldn't even CONSIDER trying for anything better ...

Why don't you just go run a nice warm bath, climb in, and slit your wrists???? You'd accomplish the same thing .... a bled-out, do nothing, no-hope, no future, future ... without having to wait around ...

I really do pity the students you've referred to ... to be saddled with a teacher with such total lack of vision and imagination must be VERY depressing for them.

Carl - wa6vse
carl@ais.net

5251. Re: Movie Starring Burt Fisher ????

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <326573D8.4F20@ccsnet.com>
Source record: 214660

Gary Newberry wrote:
>
> The suggestion in an earlier post of a movie starring Burt Fisher
> sounds interesting, we could have the handsome dashing Burt (played by
> Tom Cruise) as the resident 'savant' professor at an Ivy League
> university. By day Burt pushes the limits of known science in
> instructing his students in the rarefied esoterics of holding a video
> camera and rewinding a VHS cassette, Burt REALLY pushes the limits of
> science when he attempts to instruct his underlings on how to
> correctly set the digital clock on a VCR !!! At the end of the day the
> dashing Burt jumps into his Dodge Viper and barrels at Nascar speeds
> on the freeway to his beautiful home in the burbs and his lovely wife
> Vicky (Demi Moore), there Burt hurries through dinner and makes his
> way to the computer and fires up on the net to save the hapless
> denizens of rec.radio.amateur.misc and alt.support.divorce. Meanwhile
> Vicky (Demi Moore) carries on a HOT STEAMY affair with a local Walmart
> "associate"(Tom Hanks) who gives her what she's really been desiring
> from Burt but he never has time for (lots of sex). The movie ends on a
> tragic note when Burt sees a picture of Vicky (Demi Moore) and her
> Walmart lover(Tom Hanks) in a compromising position in
> alt.binaries.pictures.girfriend and commits suicide by grabbing the B+
> line in his SB-220 !!
>
> Whaddya think ????
> Gary
> E-Mail: garyn@tir.com
> "life is what happens while you're busy making plans"

I think your story was very well written, deserved and taken in good
humor.
I shall save it.

5252. Re: Libel me, Think.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <326572AD.10DA@ccsnet.com>
Source record: 214661

Kory Hamzeh wrote:
>
> Your entire family is just full of hate, isn't it?

Not for people

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#================#===#
|This message was posted from home k1oik@ccsnet.com |
#===#
If you try to milk too much, you won't get a drop
Samantha Fisher

5253. Re: Not a wonderful life, no life.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3265744B.644A@ccsnet.com>
Source record: 214662

Peter Lemken wrote:

> Oh, you mean you post to the sex groups anonymously?

That may be your way, not mine.
Do you like the sex groups?
Too bad you missed the holocaust

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#================#===#
|This message was posted from home k1oik@ccsnet.com |
#===#
If you try to milk too much, you won't get a drop
Samantha Fisher

5254. Re: ~FCC closes down all 12 monitoring stations

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: carl@ais.net
Message-ID: <543se2$quk@news.ais.net>
Source record: 214663

In <3264E60C.32A7@mail.mei.com>, Kevin Jessup <kevin.jessup@mail.mei.com> writes:
>
>Please! Allow me! :-))) ....
>
> If we can draw the line against the no-code machine in
> America, and make it hold, then perhaps in the decades to
> come we can gradually force newer modulation methods underground,
> where they belong, and restore to all citizens of our nation
> their rightful heritage of analog, low data rates, QRN,
> the vagueries of the ionosphere, a mail-box full of postcards,
> donuts, hemorhoids, truth, justice and the ARRL way.
> Why settle for less?
>
>--
>kevin.jessup@mail.mei.com

Kevin, the only improvement I can suggest is to move "hemorhoids" closer to the end of the sentence, so it's immediately adjacent to "the ARRL way" ... I think they BELONG together <grin>.

73,
Carl - wa6vse
carl@ais.net

5255. Re: Code or No Code...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: adell@planet.net
Message-ID: <MPG.ccf41f913392fa498968d@news.planet.net>
Source record: 214664

In article <541gcd$8kp@anomaly.ideamation.com>,
kd1hz@anomaly.ideamation.com says...
> In article <541336$7m4@news.ais.net>, Carl Stevenson <carl@ais.net> wrote:
>
> >It is well-accepted in the engineering community that there
> >are many modulation and coding combinations that are FAR more effective
> >than OOK Morse in the face if poor channel conditions such a fading,
> >interference, and noise ...
>
> That's nice. How many of these are in use in the amateur bands? How
> many are available in commerically-available ham gear?

Carl would tell you if he could, but then he'd have to
kill himself for giving secrets or is it sucrets to the
enemy. Besides, what's a matta wid youse?? can't you
look it up?? Lennie can, Carl can...whas dat make up
stupid or sumptin????

>
>
> MD
> --
> --
> -- "Guns don't kill people. I kill people." -- T-shirt slogan
> --
> -- If you don't like my opinions, that's just too damn bad.
>

--
Steve - KF2TI (Advanced Class & Damned Proud of IT!)
ARRL LIFE MEMBER

No Code or Know Code...Who Cares??

5256. Re: ** FLEA at MIT ** Sunday 20 October Cambridge MA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: "Stephen N. Phipps" <sphipps@clandjop.com>
Message-ID: <32651B77.47F7@clandjop.com>
Source record: 214665
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,sci.electronics.misc,ne.forsale,ne.general,rec.radio.amateur.homebrew

In article <5409dq$q0d@asylum.apocalypse.org>, x@apocalypse.org says...
>
> >One thing that I've found is that *some* of the dealers there sell stuff that doesn't >
>work and refuse to take anything back.

Most of the fun in going to one of these is to buy that special
electronics item that you've wanted for years for next to nothing and
fixing it up. The best thing to do at these is assume everything needs
some sort of repair and make offers accordingly OR try it out and know
something about it before you buy. I wouldn't expect too many sellers to
agree with a refund policy even if it doesn't work after the sale.

Stephen Phipps - N0LNY
sphipps@clandjop.com

5257. Re: ** FLEA at MIT ** Sunday 20 October Cambridge MA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: Dale Smoak <dales@shore.net>
Message-ID: <80hgnublt6.fsf@shell2.shore.net>
Source record: 214666
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,sci.electronics.misc,ne.forsale,ne.general,rec.radio.amateur.homebrew

x@apocalypse.org (Xochi Zen) writes:

> In article <542k11$43u@izzy4.izzy.net>, Tim Hynde <mlc@izzy.net> wrote:
> >In article <5409dq$q0d@asylum.apocalypse.org>, x@apocalypse.org says...

> >c.) I haven't found a flea yet that you couldn't find 120VAC SOMEWHERE, If
> >your spending more than a hundred dollars or so test it out before you buy.
>
> If they let you test... a lot of these scumbags won't.

Then don't buy it. Jeez...

5258. Re: Kenwood TH-78a CONTROL LOCKED UP

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: au@ix.netcom.com
Message-ID: <543c0h$25m@dfw-ixnews6.ix.netcom.com>
Source record: 214667

In <5422si$mkg@zook.lafn.org> bc984@lafn.org (Jimmy Navarro) writes:
>
>I have a TH-78a 507007# mod to 50-179.995, 300-399, 400-511.99,
>800-999.99. While playing, for unknown reason, all controls were
>locked including the knobs (volume/squelch). The red and green
>lights were alternating in both bands; seems the unit was heating
>up, too... Out of my desperation I reset the memory with (M+POWER),
>booooom! Well, if the same occurence happen what should I do
>intead of M+POWER? 73! Jimmy Navarro KE6FPK
>
How about removing the battery?

5259. ARLB073 ARRL Election Ballots

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: w1aw@arrl.org
Message-ID: <$arlb073.1996@arrl.org>
Source record: 214668
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB QST @ ARL $ARLB073
ARLB073 ARRL Election Ballots

ZCZC AG53
QST de W1AW
ARRL Bulletin 73 ARLB073
From ARRL Headquarters
Newington CT October 16, 1996
To all radio amateurs

SB QST ARL ARLB073
ARLB073 ARRL Election Ballots

Attention ARRL members in the Central, Hudson, New England, Northwestern, Roanoke, Rocky Mountain, and Southwestern Divisions. Ballots have been mailed to all ARRL full members in these divisions who were members as of September 10. If you are eligible to receive a ballot but have not received one by October 26, you may request a replacement from the Secretary, ARRL, 225 Main St, Newington, CT 06111. Completed ballots must be received by the independent auditor overseeing the balloting no later than noon Friday, November 15.

Candidates are: Central Vice Director, Mike Hoshiko, W9CJW, and Howard S. Huntington, K9KM; Hudson Director, Frank Fallon, N2FF, and Richard Sandell, WK6R; Hudson Vice Director, J. P. Kleinhaus, AA2DU, and Peter J. Malvasi, WB2BYQ; New England Director, Bill Burden, WB1BRE, and Tom Frenaye, K1KI; New England Vice Director, Don Haney, KA1T, and Hal Offutt, K8HVT; Northwestern Director, Mary Lou Brown, NM7N, and Mary Elizabeth Lewis, W7QGP; Roanoke Director, John Kanode, N4MM, and Reed Whitten, AB4W; Rocky Mountain Director, Gunnar Carlson, AE4W, and Marshall Quiat, AG0X; and Southwestern Director, Fried Heyn, WA6WZO, and Glenn T. Webb, W6FP.
NNNN
/EX

5260. Re: ** FLEA at MIT **

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: grohe@galaxy.nsc.com
Message-ID: <326547e8.159067328@139.187.128.43>
Source record: 214669
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,sci.electronics.misc,rec.radio.amateur.homebrew

In the newsgroup sci.electronics.misc.
mlc@izzy.net (Tim Hynde) thoughtfully posted:

> This was truly one of the more entertaining posts I've read.

Oh, I kinda liked the "Windows is a piece of $#!%" and "My watch boots in 100nSec" posts.

;^)

> c.) I haven't found a flea yet that you couldn't find 120VAC SOMEWHERE, If
> your spending more than a hundred dollars or so test it out before you buy.

Ah! If you are really serious about buying equipment, carry one of those little 200W 120VAC inverter bricks *with you* in your backpack, along with a cigarette socket to car battery clip adapter. Keep a small marine or gel-cell battery in your car (or with a friend who has a table).

This way, when you "roll up" on a good deal, ask the seller if you can borrow his cigarette lighter, or car battery, for a few minutes. If you can't use his car (and if you have time), run back and get your battery.

If he refuses...There's your answer!

I keep an 8-cell "AA" battery holder and an assortment of pigtail power connectors in my backpack. This way, I have an adjustable 1.5 to 12V power source to test things there on the spot (I'm planning on making a complete test box, complete with ammeter and current limiting).

I also carry a bunch of "AAA" and "C" cells in my backpack ("C" cells can be shimmed into "D" holders with a few coins between the batteries).

The same rule applies, If they won't let you test it.....etc,etc,etc.

Will they give you their business card or phone number? Make it clear you will not bother them unless absolutely necessary (secretly write down their license plate number, for "Justin Case").

Also carry a pocket DMM (This is a *must* for any flea enthusiast - NEVER buy batteries w/o testing them first!) and a small, bright flashlight (for "inspections").

Smell the equipment too! This can be a big clue as to it's condition. Does it smell like something blew up? Does it smell musty or moldy?

Another clue I have found is the physical condition of the unit. Sometimes the "cleanest" unit of the bunch is the one that failed prematurely and got stuffed on a shelf or back in the box. Whereas the "used looking" units were just taken

out of service.

More importantly than "functional", is "complete".

Nuthin' worse than getting something and finding out a piece, or a board, or a module, or an expensive or rare IC is missing. Now you know it's not functional, and there may be little chance of it even becoming functional again.

I always assume "dead" until happily proven otherwise. Follow your instincts! If you have doubts, there's a reason! I always concider the scrap value of the item also. Any expensive goodies in it? The power switch may be worth more than the item!

Some of my best deals were the "I don't know if it works...Oh,..five bucks" deals.

It's a gamble...Ya' win some, ya' loose some!

Caveat Emptor!!!!! <sp?>

(Let duh buyer beware!)

Cheers,
Paul Grohe

Paul Grohe National Semiconductor Corp.
Sr. Electronics Technician 2900 Semiconductor Drive
AMPS New Products Eng Group Mail Stop C2693
Mailto:grohe@galaxy.nsc.com Santa Clara, CA. 95052-8090 USA
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http://www.national.com

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Usenet Disclaimer: Any opinions expressed are mine, not NSC's

PLEASE! NO Solicitors/Junkmail/Pyramid/Chain/MLM/Headhunters!

5261. Re: 73 e-mail address ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: Edward Oros <ac3l@pgh.net>
Message-ID: <3265A072.A81@pgh.net>
Source record: 214670

Hugh Duff wrote:
>
> Need to correspond with 73 magazine to obtain some back issues.
> Anyone have their e-mail address ?
>
> Thanks, Hugh
Try

design73@AOL.COM

Ed-AC3L

5262. Re: Libel me, Think.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <326571F8.4078@ccsnet.com>
Source record: 214671

Andrew C Robertson wrote:
>

> Thin ground? Is that going to cause RF in my shack?
>
> drewbob aa1hx

Thin ground is what is used to connect to thin net.
Or is that thin lead or was that twin lead?

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#================#===#
|This message was posted from home k1oik@ccsnet.com |
#===#
If you try to milk too much, you won't get a drop
Samantha Fisher

5263. Re: Ham Radio No-Code Technician Exam in VA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: "John J. Crocker" <crockjj@mnsinc.com>
Message-ID: <32658005.3D7@mnsinc.com>
Source record: 214672

John J. Crocker wrote:
>
> Help -- My sanity is at stake. My wife wants to take the exam, but
> cannot locate info. Lost in Manassas, VA. . . . .

Thanks to a few fine Hams, I am in receipt of the info.

Thanks, everyone.

John

5264. Re: ** FLEA at MIT ** Sunday 20 October Cambridge MA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: mc@shore.net
Message-ID: <5441ke$6f4@northshore.shore.net>
Source record: 214673
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,sci.electronics.misc,ne.forsale,ne.general,rec.radio.amateur.homebrew

In article <80hgnublt6.fsf@shell2.shore.net>,
Dale Smoak <dales@shore.net> wrote:
>x@apocalypse.org (Xochi Zen) writes:
>
>> In article <542k11$43u@izzy4.izzy.net>, Tim Hynde <mlc@izzy.net> wrote:
>> >In article <5409dq$q0d@asylum.apocalypse.org>, x@apocalypse.org says...
>
>> >c.) I haven't found a flea yet that you couldn't find 120VAC SOMEWHERE, If
>> >your spending more than a hundred dollars or so test it out before you buy.
>>
>> If they let you test... a lot of these scumbags won't.
>
>Then don't buy it. Jeez...

What a bunch of crap - we're all adults and able to make decisions. If
you want things with guarantees - go to Sears and pay $$$$$. I've found a
lot of real neat things at flea markets and for cheap!

Michael Crestohl, KH6KD/W1 (W1??)
mc@shore.net

5265. New online survey asks--->Why aren't you an ARRL member??

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-1610962250360001@host76.cyberg8t.com>
Source record: 214674

The ham Poll at www.sarrio.com shown below asks a new question for the
month of October:

Why Have You Not Chosen To Join The ARRL?

Less than 1/3 of all ham radio operators are members of the ARRL. The
question for this month is
directed to those of you who are not members.

From the list of possible reasons below, select the reason that best
describes why you have not chosen the join the ARRL.

The most recent results from Oct. 16, 1996

he dues are too high. |********** 12
Their Ham policy positions are not close to mine.|****** 6
They are too closely tied to ham commercial interests. | 0
I was not treated well by one of their representatives.|* 1
I just haven't gotten around to it. |******** 8

Total votes displayed: 27
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront and web site developer. Located
at http://www.sarrio.com.

In association with Brillar Enterprises http://win-win.com/brillar provider of discount
CD-Roms!

5266. Re: CW Forever

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <5447mk$9rm@anomaly.ideamation.com>
Source record: 214675

In article <32656b75.4710069@news.tir.com>, Tim <dx@tir.com> wrote:

>I love CW also but what's in a QSO anymore that warrants using it ? Does anyone
>really care what the wx is like in some other city, how old the other guy is,
>what kind of rig he's running ? Do you really care that the other guy has
>bunnions or hemmoroids or is a retired janitor ? I don't think anyone does so
>why bother with ham radio at all anymore ? It will probably be a dead hobby
>within the next 10 years or they'll just open it up for anyone who wants to use
>it. CW *and* Phone QSO's in general suck and are meaningless tribble. Thank god
>for the "NET" !

I tend to be pessimistic and think that you're probably right about amateur
radio being dead in another 10 years. If not then, certainly by the end of
the next sunspot cycle.

However, I disagree with your point regarding QSOs. You say "thank god for
the net". What is preventing you from having the same discussions with
people over the radio that you have on "the net"? Absolutely nothing.
If your view of amateur radio is talk about the weather and your
hemmoroids, then I feel sorry for you. I've had numerous discussions
with people over the radio on a wide variety of very interesting
topics, the least of which is their health problems.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

5267. Scientific Discoveries Minimize Aging (DHEA)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: health@natureplus.COM
Message-ID: <199610161918.MAA07774@UCSD.EDU>
Source record: 214676

"Your Health Superstore is www.natureplus.com

Take advantage of the amazing natural benefits of DHEA. In the
search for the FOUNTAIN OF YOUTH, DHEA is a must README.

"I can't wait 30 More years for the National Institute on Aging to
save my ass." says Dr. Regelson, a leading DHEA researcher.

From Medical Research by Dr. S.S.C.YEN;
"DHEA in appropriate replacement doses appears to have remedial effects
with respect to its ability to induce an anabolic growth factor, increase
muscle strength and lean body mass, activate immune function, and enhance
quality of life in aging men and women, with no significant adverse effects."

Join the baby-boomer millions now enjoying Natural new energy from DHEA!

Click on: http://dhea.natureplus.com

5268. Blowed speaker amps in van

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: "Leslie R. Turner" <lturner@postoffice.worldnet.att.net>
Message-ID: <3265AB7D.21F5@postoffice.worldnet.att.net>
Source record: 214677

Help!

I think that my UHF and VHF radios installed in my Chrysler T&C van may have blowed the speaker amps in the audio radio system. The radio system is the factory installed Infinity system, which has side and rear gate speakers that have amps mounted on each speaker frame. That means long runs of unshield wire from the main radio to each speaker location. The dealer said I need to replace 4 speakers at better than $250 each. I looked at the amps, they are potted making it difficult to test or repair. Does anyone have any ideas where I might find new replacement amps? And if I do replace the amps, what I can do to prevent the samething from happen again? I used shielded wire in all of my radio installations and the antennas are roof mounted.
Any ideas or help would be appreciated
Les K4ZGE

5269. Re: Libel me, Think.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3265718D.2993@ccsnet.com>
Source record: 214678

Mark Fossum wrote:

> I wonder, is that TYPICAL ham thinking? You keep preaching that Hams
> don't have a life etc. etc. So your licence gives you a voice? To who?

Don't you ever want to feel like your better than someone?
I do, when I feel like dirt and I want to feel better I talk to
hams. No matter how much of a loser or a bore I may be there is someone
lower, usually a T Y P I C A L ham.

> The people that you contend don't have a life? BTW: You don't need a
> license to type messages here or on the Internet. Turn it in. At least
> someone could say that you stand behind your beliefs then! Right now
> you're just another whiner with a license.

I do go on the air to voice my wonderous thoughts.

> > You would never ever would want me silenced?
>
> Well written, well stated! (Huh?) What do you teach again?

English at the ham level.

> Why do you contend that everyone is a TYPICAL ham?

There are ATYPICAL hams.
Like me.

> You produce alot of whining, contradictions and personal jabs. That's
> all I've ever seen you produce. Everytime someone pins you down on your
> like hypocracies, you take a 90 degree turn in the subject. Are you
> going to do that now?

I might, if you had come anywhere close to pinning ANYTHING down.

```
#================#=====================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | If you sit on the fence, it is a pain in the butt|
#================#=====================================================#
|This message was posted from home k1oik@ccsnet.com |
#=================================================================#
```

If you try to milk too much, you won't get a drop
Samantha Fisher

5270. Re: 'Nother Pro-code Luddite

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <5419rj$dka@news.Hawaii.Edu>
Source record: 214679
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Carl Stevenson starting a policy article on .misc wrote:
>I received a rather typical pro-code flame e-mail today that I thought
>I'd share with you all. (acutally, overall, my e-mail has been about
>10:1 in favor of no-code, with most of the writers being holders of
>higher class licenses who see that the time has come for change ...
>most gratifying.)

How strange. My email box generally runs 10:1 in favor of keeping
the code tests. And many of those pro-code folks are not even licensed
for HF yet.

Jeff KH2PZ (as usual, followups directed to rrap, but carl will ignore)

5271. Re: Looking for transistor.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: Bob Doyle <doyle@primenet.com>
Message-ID: <3264FF04.351164BA@primenet.com>
Source record: 214680

Thor Andersen wrote:
>
> Hello.
>
> My Datong AD-370 antenna has stopped working, and I can't find the
> transistor MJ310 in any books, and I have checked different dealers.
>
> Can someone help me with a replacement for this transistor? Or the
> address, fax no. or email address to Datong?
>
> 73's LA2DAA Thor.

My guess is that you're looking for a J310 JFET. It used to be a fairly common RF JFET. The U310 was the same device in a metal can instead of plastic. You might retry your search looking for these more "generic" part numbers.

73,
Bob Doyle, WA3TGF

5272. Re: repeaters

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: Ramon Gandia <rfg.at.nome.dot.net@no.spam.please>
Message-ID: <3265E12B.40C3@no.spam.please>
Source record: 214681

S Jackson wrote:
>
> Could some one tell me if it is possible to transmit by chaining
> through one repeater to another, so as to increase range, on the uhf
> or vhf bands?
>
> I am new to this so please forgive me if my question is utterly
> ludicrous. Thank you.

The only dumb question is the one that did not get asked!

Yes, it is possible and done often. Generally to fill in areas
with poor coverage, or extend the repeater service areas. It
usually takes a dedicated channel on UHF or microwave to link
them together, and the channel must be duplex...ie, talk and listen
at the same time. Not cheap.

Here is the cheap alternative, which we used for a while in NOme,
Alaska.

We (Seward Peninsula Amateur Radio Club--SPARC) put up a repeater on
Mt. Osborne, 4700 ft high, and the damnest place to get to...
The repeater is on 146.34/94. In other words, the repeater listens
on 146.34, and all it hears is sent out on 146.94. This is pretty
standard fare.

Mt Osborne is 30-35 miles North of Nome. From the airport, there
is line of sight, and you can hit it with a handie-talkie and
rubber duck antenna, no problem. From town, there is no line of
sight. Only 1.5 miles from the airport, but there is a hill just
north of town (Anvil Mountain) that rises 1,300 ft. Oh, there is
a signal in town, but it takes a home station and an antenna up
there to hit it full quieting. A mobile in a car can hit it
most places in town, but not all.

So here we were, all set to go, and this multi-thousand dollar
repeater all up on a mountain, and we can't really use it in
town! Grrrrr.. until no-code-tech WL7CSG came up with
Bright Idea #1.

He has an Alinco DR-610 in his house, which is a dual band 45 watt
mobile. Now, these dual banders have a built in VHF/UHF
duplexer, which means that it can transmit VHF while receiving UHF
and vice versa. It also has "crossband repeater" function. So
at his home station he put up a dual band base antenna. Then
he rigged his VHF side of the transceiver so it would receive on

146.94 and transmit on 146.34. The UHF side was set to 449.750 transmit and receive. Then he switched the radio to repeater mode, and turned it on.

Okay, now you can roam in town with a UHF portable, simplex on 449.750 and talk thru and listen to the repeater.

This is because when the DR-610 is idle, it listens on both UHF and VHF receivers. Say a transmission comes in on 449.750 from someones walkie talkie downtown. The HT transmission goes to Mark's house, and into his DR-610 and it then keys its trasmitter on 146.34. At this point, the 146.94 is deaf, but it does not matter. The mountaintop repeater picks it up on .34 and sends it out on .94, where a VHF mobile can pick it up.

The UHF portable calls the VHF mobile, and then listens. The VHF mobile heard the call on 146.94, and now he replies on 146.34. The mountaintop repeater picks it up on .34 and puts it out on .94. Now, the DR-610 in Mark's house picks that up, and retransmits it on 449.750.

This works great, but has some drawbacks that we will address shortly. It would be a perfect solution for someone that lives in a deep valley and no way to hit repeaters. All he needs to do is buy a dual band mobile, like the Alinco DR-605 or DR-610, and go to a friend's house on the ridge above the valley, or even rent space in a farm or somewhere, and put that dual bander to work as a private 'repeater' to be able to hit the main machine 50 miles away into L.A.

Just set it up like Mark did, and you can sit at home with a UHF HT and participate in the chosen VHF repeater like if you yourself were on that hilltop or farm on VHF talking to the repeater directly. You will hear everything the repeater users say, and by the same token they will hear everything you say.

Drawbacks? A few. First of all, the operation is crossband, so the dual bander passes VHF to UHF and UHF to VHF but not VHF-VHF or UHF-UHF. What this means is that if there are TWO walkie talkies on UHF in the valley, they will not hear each other unless they happen to be in rubber duck range of each other, which is about a mile or two, with no shadows, big buildings, etc. in the way. This is bad, the DR-610 serves fine to access the far-away repeater, but is no good for local communications. What can be done.

Well, along came this genius, AL7X, and he reasoned that TWO such Alinco dual banders could be made to do, and in fact that is the setup we have here in Nome right now.

Okay, at Mark's house the DR-610 is set up to receive on 146.94 and transmit on 444.750. In my house, the DR-605 listens on 449.750 and transmits on 146.34.

Now, the two radios do not bother each other as they are about a mile apart, so there is no desense or any nasty going on's.

Notice that now the UHF portables have to be rechanneled, in this case each and every portable TRANSMITS on 449.750 and RECEIVES on 444.750.

Imagine portable A wishes to contact portable B, which is inside the restaurant and cannot be reached by UHF rubber duck line of sight. So, he cranks up and calls on the UHF channel. His transmission goes out on 449.75, to MY house, where it gets put out on 146.34. THAT signal travels to the mountain, gets repeated on 146.94 and sent back to town (or to any listening VHF mobile or base station in range of the mountain). The receiver at Mark's picks up the 146.94 transmission, and sends it out on 444.750, where it can be picked up by ALL the town UHF handie talkies with rubber ducks. Thus, a handie talkie on the UHF channel can access not only the rest of the UHF portables in town, but any VHF mobile in range of the mountain top repeater. The VHF mobiles can in turn transmit on 146.34, be picked up at the mountain and the repeater output on 146.94 is audible by other VHF mobiles as well as the UHF portables in town, since Mark's dual bander repeater resends the 146.94 signal on UHF 444.75.

So there it is. In range of the mountain, you use a VHF station on 146.34/.94. In town, you use the UHF portables on 449.75/444.75. And all the stations, VHF and UHF can freely talk among each other.

Advantages? Many. Example, each time there is a QSO between two UHF handie talkies, it is proof the mountain top repeater is working as well, because the signal goes portable-my house - mountain - Marks house- portable. If the chain is broken anywhere, you know right away as there is no Kerchunk and no contact. If the mountain top repeater was to go off the air (keep fingers crossed!, tap on wood!), the users would find out, and phone one of us SPARCers, who would notify ME. Why me? Because I have the 449.75 to 146.34 translator here. What I do then is to switch my VHF transmitter from 146.34 to 146.94. This then routes the signal from my house to Mark's, bypassing the defunct mountain top repeater. This works like a charm. In fact, it could be done on an as-needed basis, ie, my rig could transmit on 146.94 unless the mountaintop was wanted to be used. We just haven't figured out a way to do this automatically, but we are thinking of a VHF and UHF modular trasmitter and receiver, with the transmitter being dual band and the frequency change being 146.34 default, and 146.94 being activated when a CTCSS tone is received on the UHF side. Or, vice versa with CTCSS being thru he mountain and no-tone being local only.

Disadvantages. None really, except for the guys with the DR-605 and 610's at home doing this dedicated function. The radio then is pretty useless for base use. In my house, If I transmit on VHF

.34, the portables hear me, and I hear them, so I am okay there. But Mark does not receive the UHF portables, although he can key his mike and they hear HIM. So its one way for Mark. Bum deal as he needs TWO DR-610's for the house, one for repeater use and one for base station use. Bummer.... $$$. But that is exactly what he just did, bought a third DR-610, so he has one in the house as repeater, one in the house as base station, and one in his truck for mobile.

So there you go, a complete real-life case history.

Oh, for you in the lower 48 states, the Case #2 dual site thing is a repeater in his own right and needs to be freauency coordinated. Here in Nome, we are the only ham club within 450 miles, so we coordinated the mountain top VHF, but not the town UHF. Will we? I would say so once we have a few things worked out, like maybe try for a different UHF channel. 444.700/449.700 matches the Anchorage channel, so we might go for that, except that I pick up some sort of birdie on .700, so we may need to switch and me being the UHF transmitter site/VHF receiver. No big deal, but can't do it right away as everone is now expecting it on .750. This winter, after everything settles back into a nice sleepy small town, we will try to hunt around for some way to use the .700, and then get it coordinated.

For you with the UHF side on Simplex, case 1, it is not really a repeater per se, but something called a "remote base" which needs NO coordination. Use one of the UHF simplex channels so you don't hog the UHF repeater band and ruin it for someone else. Be sure to listen, and make a few calls on the UHF channel you choose and make sure it is vacant, or shared by someone compatible with your ideas. You'll be okay then.

Good luck, hope this answers your questions.

--
In order to foil SpamBots, my e-mail address is not
machine readable. Please reply to address below:

Ramon Gandia, Nome, Alaska | rfg.at.nome.dot.net
AL7X S/V Seven Stars |
907-443-2437 fax 907-443-2487 | where at=@ dot=period

5273. Re: HF Amateur Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <543aj1$o50@news.Hawaii.Edu>
Source record: 214682
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Carl Stevenson continuing to cross-post to the wrong group wrote:
>
>In other words, what the HELL is the BFD about getting a piece of paper
>that says you and some other guy passed inflated signal reports, names,
>and callsigns? It's NOT like being the first man to set food on the
>moon for God's sake!!! ^^^^

You can't do too much operating on HF with your Tech+ ticket, so we'll have to dismiss your comments regarding what occures on those bands.

Now, whether it be the first time or the 100th time I've worked another country with a transmitter I build myself into feedline and antenna that I also constructed, the same thrill is felt. You'll never experience that thrill since you're a self-admitted appliance operator.

>Contesting and DXing have BOTH had their "importance" GROSSLY
>over-inflated by the "It's ONLY a hobby!" group and their self-centered
>view of the world that says "They're our bands, just for us to play in,
>and we don't want newcomers coming in and overcrowding them so that we
>don't have room to play our games."

First, it is a hobby 99.9% of the time for most of us. The building and operating aspects can't be called anything but that. Now the remaining 0.1% is spend providing a community service during times of hurricanes, search&rescue, flooding, power outages, et cetera. It is the hobby-type operating that has prepared us to be effective communicators during that 0.1% of the time; quick exchanges during contests, and handling pileups as a DX op are *very* good training for working a flood of health & welfare messages during a disaster. Even the military recognized this; our best communicators in the Coast Guard were always hams - they could work a dozen comm channels all at one time with no stress. I used to thrive at having several distress cases going at once - the aircraft, marine voice, RTTY, and CW freq'ys would all be jumping. The skill that allowed me to work under such emergency conditions with ease were gained from my day-to-day hobby-type DXing and contesting on the ham bands.

>These gamer, "Only a hobby" attitudes will cost us our bands if they
>continue to run rampant the way they have in the last 30 years or so.

It's the hobby-type operating that builds our skills which make us shine in the community's eyes when disaster strikes. (One wonders what you do on the VHF freq'ys - yacking on a rptr *is* hobby operating, Carl.) It was the hobby-type operating 99.9% of the time that had gained us new HF hands during the last decade; and we stand to gain even more HF spectrum according to the government.

>Carl - wa6vse
(Tech+ for 20 years)

Jeff KH2PZ

5274. Re: HF Amateur Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <543bdi$oul@news.Hawaii.Edu>
Source record: 214683
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Gary Coffman <gary@ke4zv.atl.ga.us> wrote:

>I really don't know why some hams seem so opposed to increasing
>throughput. No matter what our communications objective, the more
>throughput we have the better we can accomplish it. The only
>reason I can think of for not wanting good throughput is that
>you don't want to engage in real communications with another
>person, but want to emit RF and occupy spectrum for a number
>of hours anyway, and that seems so pointless.

Interesting. You're actually calling for folks to put away their
mics (typical QSO rate is under 150 wpm), and keyboards (I type
under 100 wpm). That's a bit extreme (even for you) wanting to
ban the voice and keyboard modes. You're becoming a Carl wanna-be.

Jeff KH2PZ

5275. Re: 2305-2310 MHz Amateur Band to be SOLD!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <543bsi$p4n@news.Hawaii.Edu>
Source record: 214684
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Bruce Perens AB6YM <Perens@Hams.com> wrote:
>Unfortunately, the omnibus budget bill recently signed into law contained
>a reallocation of our 2305-2310 MHz band, to be sold to the highest bidder.
>FCC and ARRL were not consulted.

Weren't the no-code techs supposed to be up there protecting those
frequencies with their new technology? The no-code concept has failed
us again.

It's interesting to note that the HF bands, occupied by coded licensees, have
never been under any such threat.

Jeff KH2PZ

5276. Re: Code or No Code...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <543ccs$pdm@news.Hawaii.Edu>
Source record: 214685

Jari Jokiniemi <jjo@tekla.fi> wrote:
>You might want to look at the statistics showing how the hams are
>getting older and older and there are not nearly enough young ones to
>enter the hobby. In Finland, the average ham age in the last 4 years has
>increased by 3 years. That means pretty clearly that young men and
>women are not entering the hobby. Guess what happens when the large
>post-war generations get old within the next 15 to 20 years or so.

Are you actively recruiting youngsters? If not, why not? Don't be
content to sit just back and state statistics and lament - do something
about it.

Jeff KH2PZ

5277. Re: SCREW THE CODE!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <543cpq$psf@news.Hawaii.Edu>
Source record: 214686

Carl Stevenson wrote:
> Ham radio has tried to chase off anything that smells like progress for
> the past 30 years ... if it doesn't involve a key and Morse code, it
> smells like progress to the old guard ...

How's the state-of-the-art on V/UHF these days? What percentage of ops are still using voice modes up there? 90? 95? Not much progress up there either, huh? Face it Carl, maybe we're content to remain in whatever niche we've enjoyed all these years.

Jeff KH2PZ

5278. Re: CW Forever

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <543d8t$q9t@news.Hawaii.Edu>
Source record: 214687

Carl (tech+ for 21 years) Stevenson wrote:
>
> Virtually ANYTHING is more effective than OOK Morse code ... I have
> posted to that effect, so have Gary, Cecil, Len, and numerous others

Those so named must not operate on 160M. *All* the DX reports I read
regarding that band take place via CW. Surely DXers would desire to
use the most effective mode possible; apparently they are.

Jeff KH2PZ

5279. ? web for TSHTOST ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: Richard <106034.2574@CompuServe.COM>
Message-ID: <5432td$i7p$2@mhafn.production.compuserve.com>
Source record: 214688
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc

Who can help me to found any address where to found
complete TSTHOST ?

Thanks

Richard F5RUE/OK8RUE

5280. Re: Is equipment building and repair a lost art? Y

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: wa2ise@netcom.com
Message-ID: <wa2iseDzCEI2.8su@netcom.com>
Source record: 214752

RE: the discussion on having to drill holes in circuit boards:

I once did a board where I first drilled the holes, then used fingernail polish as resist, and then etched it using that stuff Radio Shack sells {ferric cloride, I think}. It was an AM radio using all discrete parts, so hole position accuracy wasn't that critical (IF transformers were the only exception). Only downside: the residue of fingernail polish in the holes was kinda stinky when I soldered parts to the board. Other than that, it worked fine.

5281. Burt Writes to Me

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: Pat Wilson <pw@i2020.net>
Message-ID: <01bbbaff$72d04820$2c01e8cc@PW>
Source record: 214753

Burt writes to me in Email, but left out one line, which I re-inserted,
the following:

Pat Wilson wrote:
>
> But Andrew, to Bert, that is a female. He blows one up every night so he
> will have someone with whom to converse.

>Blow Bert, Blow.

Do not transfer to me what you do or need to do.

```
#================#=====================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | If you sit on the fence, it is a pain in the butt|
#================#=====================================================#
|This message was posted from home k1oik@ccsnet.com |
#=========================================================================#
```

If you try to milk too much, you won't get a drop
Samantha Fisher

Nice comeback Bert.....I'll have to remember that one.

5282. Re: CW Forever

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: ekugrad@nando.net
Message-ID: <541e7d$hvb@castle.nando.net>
Source record: 214754

CW is the gatekeeper of ham radio. If we eliminate the CW requirements, you will soon be able to pick up a license at Wal-mart,
along with the latest appliance operator special. I of course exagerate to make a point, but CW, love it or hate it, has been every
hams baptisim into the realm of hamdom. The No-Code license has forever changed that.

We CW dinosaurs, as you no coders think of us, do not complain that you all are not on CW. I love the elbow room I have on all
CW bands. But I will never agree to eliminate the CW requirement for HF privaliges. It is after all a privalige, which is something that
must be earned. Maybe CW is not the current "in" mode, and maybe it has been abandoned by other services, but Ham Radio
started with Code, and when it is eliminated, it will mark the beginning of the end.

I do encourage everyone who expresses an interest in ham radio, to get their license. I do not want to participate in a hobby that is
elitist. I want Ham Radio to continue to grow and evolve, but eliminating the CW requirement is not the answer.

Unfortunitly, I am sure that in the end CW will loose out. The equiptment manufacturers succeeded in getting the no- code tech
license created, so that they could sell a lot of radios. The end result is that the no-coders are the largest segment of the ham
community. This will enevitably lead to the demise of the CW requirement and Ham Radio as we know it. As soon as it is put to a
vote by the ARRL, what do you think will be the outcome? Let's see you can have all the rights and privilages of HF operation
without learning the code. What say ye No-Code majority???

If you think the ARRL is watching out for your interests, think again. They pay the bills with the AD dollars that Kenwood, Yaesu,
ICOM, etc. spend month after month. They will put the best face possible on this CW debate, but in the end, they will recommend to
the FCC that CW be eliminated as a requirement for HF licences.

I am by the way a member of the ARRL and have been since I was first licenced. They aren't much but at present, they are all we
have, and I would encourage everyone to join, and vote for CW friendly candidates in EVERY election. The ARRL can be
changed, but it will take members who are willing to spend the time and let their voice be heard.

Do I sound like an old fart who should just shut up and die? Well maybe so, but I have been licensed for 17 years and at only 31
years old, I feel like an old timer. I love Ham Radio, and I love CW. If we loose this fight, I am sure we will be religated to 5 or 10

KC's at the lower end of the bands. Then I guess, All those CW ops who are sitting idly by, will wish they had done something.

Best 73's and cu on the low end of the bands

David, KA4IKH

CW FOREVER!

5283. Re: Is equipment building and repair a lost art? Y

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <541k73$guc@cc.iu.net>
Source record: 214755

In <tcpnntpd.16.10.14.23.28.8.3046360759.1381502@access-one.com>, <shendo@access-one.com> writes:
>digit serial number. I dont have the test equipment to fix it. Soo this

well, there it is, mark. if there's a reason why equipment building and repair will be a lost art, it's because people aren't introduced to what equipment and tools they should consider acquiring should they wish to delve into such an activity.

a recent QST had an article about a homebrew sheet metal brake, for instance. screwdrivers, sockets, saws, files, drills, etc. all help make homebrewing more enjoyable since you aren't stopped by lack of a box or other hardware.

i'd almost suggest that a new ham's first purchase should be a tool box and a good selection of common tools to fill it.

5284. Re: repeaters

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-16 00:00:00 UTC
From: wa6awd@wolfenet.com
Message-ID: <541l1q$9pt@ratty.wolfe.net>
Source record: 214756

sjackson@Infobahnos.com (S Jackson) wrote:

>Could some one tell me if it is possible to transmit by chaining
>through one repeater to another, so as to increase range, on the uhf
>or vhf bands?

>I am new to this so please forgive me if my question is utterly
>ludicrous. Thank you.

No, it's not crazy. However, you can't really tie a number of standard repeaters together on their mobile/portable input channels. What you have to do is connect via radio links on other frequencies. Then you can do your audio and ptt routing correctly and you don't have things key up and get stuck keyed up. The one system I'm most familiar with is one is was a co-founder of. If you have Web access, look up the address

http://www2.hmc.edu/~cactus/index.html

and then look at the map that has a pointer to it.

If you want to discuss the system, I'll be glad to do so via e-mail but not in the newsgroup.

Alan Burgstahler - WA6AWD - Kent, WA, USA

5285. Re: I wanna learn Morse code! :-)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: Cecil Moore <Cecil_A_Moore@ccm.ch.intel.com>
Message-ID: <3266AF4A.4425@ccm.ch.intel.com>
Source record: 214507

orion@capital.net wrote:
> >On Wed, 02 Oct 1996 15:02:37 GMT, Helge Hopmark wrote in
> ><rec.radio.amateur.misc>:
> >>Do anyone have programmes etc. to help me learn the morse code
> >>alphabet? Tips etc. would also be great!

> Or wait a few years untill the code requirement no longer exists.

Or if you have a PC, download SuperMorse from an ftp site.

73, Cecil, W6RCA, OOTC (not speaking for my employer)

5286. Unused Modes... [was Re: Code or No Code...]

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: bgeiger@yhc.EDU
Message-ID: <199610171848.OAA24464@hoboken>
Source record: 214508

>It SOUNDS like your point is "If we're not *already* using it and it's
>not *already* being mass-produced, we can't even *consider* using it.

I don't think that way myself... but I DO know that it takes two people
to communicate... A lot of modes, I am the only one interested in them,
so that makes my radios big, $500 paperweights. Most hams don't have
the knowhow to build their own microwave, etc., radios. I don't, but I
want to learn. The more people use a particular mode, the more popular
it will become. If a mode gets popular enough with the experimenters,
it can be mass-produced. I wrote THIS message during the day, but it's
too early for me. I still got fried spam...

Benjamin Geiger, bgeiger@yhc.edu
"I came, I saw, I got Linux."

5287. Re: Handheld Dual Bands - who makes the best one?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: paul@moe.cyclades.com
Message-ID: <546dsh$gmr3@ha2.rdc1.sfba.home.com>
Source record: 214509

Jeff Hawkins (jhawkins@teleport.com) wrote:
: I'm just now working on my no-code tech license and I'm looking at a dual band
: handheld as my first radio. Does anyone have any suggestions as to the best
: one to go with?

That's a religious argument there... Simply put, there is no "best"
radio.

I've been on the air for a while, and have heard people complain about
their radios. For the most part, they are happy with them, but have a
few gripes.

Alinco: Cheap. And inexpensive. Lots of features for the price, but
quality tends to be lacking. Proof of "you get what you pay for".
Several owners reported high sensitivity but poor selectivity; others
report the opposite. Rather low in overall quality control, but has an
excellent "extended warranty" plan.

Yaesu: Also well made. Some find their HTs confusing to program.

Kenwood: Also well made. Kenwood has occasionally fallen for "creeping
featurism", where they add things that aren't really needed. (Does
anyone *really* need video games on their HT?)

Icom: Generally well made, solid engineering. The 2AT radio has a
reputation for being virtually indestructable. Their high end radios
hold their own against any others. Generally regarded as being in the
same league as Kenwood and Yaesu, but a "hair" better (and more
expensive).

Radio Shack: No dual band yet, but their single band HTs are of the
"big and tough and you can drive nails with them" variety. Rumored to
be made by Maxon, the radios have an excellent receiver. The only
drawback (to some) is that they are ham-band only; no listening to NOAA
or the cops on these. (No diode-cutting mods, either.)

Standard: What I own, two, in fact. Outside of the US, Standard is
"the" radio to own for commercial use; at the level we give to Motorola
in the US. I'd buy another Standard if I was in the market for a third
HT.

Before firing up the flamethrowers, please kepp in mind that this is
just a report of unsolicited comments that I've heard over the air and
in person. I don't report on specific models, since with the exception
of what I have owned, I can't comment on them.

de N3EOP/6

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+-----------------------------------------------------+
| Technical Support Engineer, Cyclades Corporation |
| 800/88-CYCLADES (882-9252) or (510)770-9727, x258 |
| Maker of High Performance Multiport Serial Cards |
| Unsolicited mail ads subject to a $25 handling fee |
+-----------------------------------------------------+
```

5288. Re: Is the HTX 202 rely as bad as I have been told?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: paul@moe.cyclades.com
Message-ID: <546ea3$gmr4@ha2.rdc1.sfba.home.com>
Source record: 214510

Jim Lowman (jlowman@netcom.com) wrote:

: But, Alinco had a neat 70 cm
: HT that was about the size of a pack of cigarettes or somewhat smaller. I
: suppose asking for a dual-bander that size is being to greedy. :-)

Not at all.. Standard has had one out for a year now. ~280 mW, ran all
through Dayton on a pair of AA Energizers.

--
+---+
| Technical Support Engineer, Cyclades Corporation |
| 800/88-CYCLADES (882-9252) or (510)770-9727, x258 |
| Maker of High Performance Multiport Serial Cards |
| Unsolicited mail ads subject to a $25 handling fee |
+---+

5289. Re: áåàå ìòùåú ëñó ÷ì åîäø...ø÷ éùøàìéí...OK !!! ðúøää

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: bustpoet@ix.netcom.com
Message-ID: <546g7v$kua@dfw-ixnews7.ix.netcom.com>
Source record: 214511
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.snowmobiles,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketplace.vinyl,rec.music.makers.guitar.acoustic,rec.music.dylan,rec.music.artists.kiss,rec.motorcycles.dirt,rec.models.rockets,rec.games.video.classic,rec.games.video.advocacy,rec.games.roguelike.nethack,rec.games.frp.misc,rec.crafts.textiles.quilting,rec.crafts.metalworking,rec.collecting.dolls,rec.collecting.coins,rec.boats.paddle,rec.boats,rec.bicycles.racing,rec.bicycles.misc,rec.autos.makers.honda,rec.arts.sf.movies,rec.arts.movies.past-films,rec.arts.marching.drumcorps,rec.arts.bodyart,rec.aquaria.marine.reefs,rec.antiques.radio+phono

Kevin? Kevin, where are you when we need you? :-) Aram.

5290. :-) A screwey look at a get-rich-quick scheme :-)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: Sriram Chatrathi <sriram@c2.net>
Message-ID: <3266CB0E.152D@c2.net>
Source record: 214512
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.snowmobiles,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketplace.vinyl,rec.music.makers.guitar.acoustic,rec.music.dylan,rec.music.artists.kiss,rec.motorcycles.dirt,rec.models.rockets,rec.games.video.classic,rec.games.video.advocacy,rec.games.roguelike.nethack,rec.games.frp.misc,rec.crafts.textiles.quilting,rec.crafts.metalworking,rec.collecting.dolls,rec.collecting.coins,rec.boats.paddle,rec.boats,rec.bicycles.racing,rec.bicycles.misc,rec.autos.makers.honda,rec.arts.sf.movies,rec.arts.movies.past-films,rec.arts.marching.drumcorps,rec.arts.bodyart,rec.aquaria.marine.reefs,rec.antiques.radio+phono

The Dummyï¿½s Guide to making money

- Or for the more educationally inclined -

Guide to fiscal independence for the intellectually challenged.

Hi Everybody :

All these new get well schemes on the net were begining to
really get on my nerves. I hate all get rich schemes. They are usually
scams perpetrated on the innocent net denizens by evil trolls who live
in the internet. But what I am about to tell you is not a get rich
quickly scam, it is a true and tried method that has helped me and
several others. Why am I about to share this with you ? Because I am
sitting here with nothing better to do with my time. You see after
seeing the incredible amount of money that has rolled in, I have nothing
to do but share my good fortune. I am also quite stupid. Otherwise why
do you think I would want to let you in on a secret money making scheme
? Anyway here it goes :
This is so simple that you would think, "Why didn't I think of
it earlier ?". It is very very easy and completely legal. There is just
no grey area, the law is very clear on this. This is legal. One of the
first things you have to do is to believe in the process. This works. I
can give you my word for it. You must be pretty dumb if you are going to
do what you are going to do just because I gave you my word. If you were
not then you wouldnï¿½t be reading this !
Enough of horsing around, lets get down on our knees and start
seeing some real money ! The system works like this : You must get a
JOB. Yes ! Itï¿½s that simple. I did not believe it at first. I was
reluctant to try it. I had already burnt my hands on similar
hare-brained ideas and was not about to do it again. But this was
incredible, you just show up at work and then sit back to enjoy your
wealth. I tried it and it works !! The first week I received a gigantic
total of $170.00 !! It worked out to an unbeleivable rate of $4.25 an
hour ! I could not believe my eyes. I have never seen so much money in
my life. Suddenly I could do the things that I always wanted to do. I
could have the things that I always wanted to have. I immediately went
out and bought myself a new T-shirt at Wal-Mart. Talk about dreams
coming true. And this is not the end. You can get money whenever you

want. When you run out of money, all you have to do is get another job and the money again starts rolling in ! I have seen some people make as much as $206 in a week (that is $5.15 an hour !!). It is only limited by your enthusiasm and effort. A young couple in Murfreesboro, Tennesse received over $280 in ONE week !
So just go out there, get a job and watch untold wealth roll into your lives ! It really is that simple. Now since I have shared this information with you ....naah ! forget it, this one is on me, folks !!
--
Sriram Chatrathi

A great many people think they are thinking when they are merely rearranging their prejudices.
-- William James

An Award winning site
http://www.c2.net/~sriram

5291. Re: CW Forever

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <546ee0$af5@anomaly.ideamation.com>
Source record: 214513

In article <545u09$gmr1@ha2.rdc1.sfba.home.com>,
Paul C <paul@moe.cyclades.com> wrote:

>That may be true. It's quite good at keeping all of the engineers,
>computer enthusiasts, and "rocket scientists" out of the hobby.

Gee, you don't happen to have any proof of this claim, do you?

See, in the late 1980's people claimed that the code requirement
was keeping all these gee-whiz techno-geniuses "just waiting to get
into the hobby" when that nasty code requirement was dropped.

Well, we dropped the code requirement, and what did we get? Did
we get hoardes of techno-geniuses? Not at all. Instead, like many
expected, we simply attracted a larger number of hams that actually
represent a cross-section of the American population. We got some
techno-geniuses, we got some morons, and we got a lot of people
who are in the middle.

>Engineers that could be working on the "next big thing" in
>communications. People that can be working on our digital networks,
>getting them above the pitiful 1200 baud (or 300 baud on HF) that they
>are running at now.

Engineers who could be working on bring T-3 capabilities to a
2.4khz channel are more likely to be doing it in a professional
research environment where they will make million$ of dollar$
for their invention.

>And what's the problem with "appliance operators"?

Absolutely nothing. The "Appliance Operator" is the Ham Of Today
(a few years ago I would have said "The Ham Of The Future", but the
future is here, now.) I'll be the first to admit when my new Yaesu
Ft900 bit the dust on field day I stripped it down and traced the
circuit as far as this SMT IC that I couldn't figure out what it did.
I figured it was a custom CPU chip (I figured right) and I had to send
the unit back to Yaesu for repair (they replaced the CPU).

>As for being an effective gateway.. simply look at 20m. Every legal
>US op on that band has passed at least a 13 wpm code test, and it's
>far worse than anything else I've heard.. including CB.

Oh, I really doubt that. Sure, there are a few morons on 20 meters.
But, compared to the total number of licensed amateurs, they are
insignificant.

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MD
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--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.
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5292. Re: SCREW THE CODE!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: adell@planet.net
Message-ID: <MPG.cd091c491e1170698968f@news.planet.net>
Source record: 214514

In article <546bnr$dsa@news.ais.net>, carl@ais.net
says...
> In <326285F3.46BA@gte.net>, Jim Conn <jconn@gte.net> writes:
> No ... despite your aversion to reality, we are a service with a hobby
> aspect ... see Part 97.1 ... try reading and learning something for a
> change ... I know it's harder than spouting off with no idea of what
> you're talking about (your normal mode of operation), but you really
> should try it ..
>

Obviously CaRl has been looking into his mirror and lip
reading again. Gee cArL, for someone with no radio,
you seem to be abale to monitor alot. Is this the new
super secret mode you've been spewing about?? The
ability to copy RF with the brain only?? Guess in your
case, the bandwidth wold be very VERY narrow. Thanks
for sharing

BTW, very good..no spelling mistakes, no anally
retentative comments no FUD's..you must be feeling SOOO
much better.

> Carl - wa6vse
> carl@ais.net
>
>
>

--
Steve - KF2TI (Advanced Class & Damned Proud of IT!)
ARRL LIFE MEMBER

No Code or Know Code...Who Cares??

How can you be in Two Places at Once When You're
Not Anywhere at All??

5293. Re: ���� ����� ��� �� ����...�� ������...OK !!! ����

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: Matt Emmott <memmott@ultranet.com>
Message-ID: <3266D3B7.3742@ultranet.com>
Source record: 214515
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.snowmobiles,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketplace.vinyl,rec.music.makers.guitar.acoustic,rec.music.dylan,rec.music.artists.kiss,rec.motorcycles.dirt,rec.models.rockets,rec.games.video.classic,rec.games.video.advocacy,rec.games.roguelike.nethack,rec.games.frp.misc,rec.crafts.textiles.quilting,rec.crafts.metalworking,rec.collecting.dolls,rec.collecting.coins,rec.boats.paddle,rec.boats,rec.bicycles.racing,rec.bicycles.misc,rec.autos.makers.honda,rec.arts.sf.movies,rec.arts.movies.past-films,rec.arts.marching.drumcorps,rec.arts.bodyart,rec.aquaria.marine.reefs,rec.antiques.radio+phono

Weird! The subject's text looks EXACTLY the same as all my file names
whenever my hard drive crashes! (about once a month, lately)

5294. Re: Code or No Code...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <546k4f$aji@anomaly.ideamation.com>
Source record: 214516

In article <546724$bsk@news.ais.net>, Carl Stevenson <carl@ais.net> wrote:

>No, for the government to resstrict rights by requiring a license to do
>something, there must, of necessity, be a reason to do so ... that
>reason being the public interest, necessity, or safety.

Not that I agree with it, but the government generally makes laws that
reflect public morality. The majority find an action unacceptable, and
the government passes a law to prevent it. Assuming the law does not
infringe on an otherwise contitutionally-protected right, it will
remain law until a majority of people decide the law is wrong and
should be recinded.

>There is a big difference between receiving a check from the government
>(which comes from my paycheck and yours as taxes) than being permitted
>the use of a public resource which is regulated in the public interest
>by the government.

A subsidy is a subsidy is a subsidy. Doesn't matter if you physically
receive a check or receive another benefit from the government. Access
to radio spectrum is a privilege, not a right. As such, it can be
reasonably construed as a subsidy of sorts.

>Hams are SUPPOSED to "pay back" society for the use of our vaulable
>spectrum allocations by performing public service and by learning and
>training ourselves to be better in terms of technical knowledge and
>skills.

Maybe, but that's not what is happening. Instead, people are just
yacking.

>>> The current system sucks ... it has created an "upper class" of
>>> licensees who are, to a signicant degree, rooted in the past rather than
>>> looking towards the future and stagnating the service with their
>>> insistance on foolish rituals or antiquity.
>>
>>More petty jealousy and class envy. Note that these are Carl's opinions
>>only, and should not be counted as anything more.
>
>No, they are facts ... easily seen by anyone with a minimal amount of
>intelligence ...

The typical ad hominem line that Carl so readily claims the "pro-code"
crowd is guilty of. If you can't sway them with arguments, insult their
intelligence.

>> I strongly dispute his
>>assertion that ham radio has been "stagnating". Where's the proof? Ham
>>radio is as vibrant and alive as ever, perhaps more so.
>
>BULLSHIT, BULLSHIT, BULLSHIT! Ham radio is stuck in the 1950s or 1960s
>somewhere and you're just too stupid to realize it ... you like the
>radio a-la "Happy Days" and want to keep that mentality, level of
>activity, and level of technology forever ... the realization that ham
>radio has stagnated would require you to admit tha YOU have staganated
>.. and that's obviously more than your ego can allow you to accept ...

Translated: "You're not using any of our new whizz-bang super-techno
communication modes. Yes, you too can merely read words on a computer
screen and let the specialized ICs do all the work for you!"

>You can't continue to confuse the issue with your nonsense, Jim ... his
>utterance of Morse Myth #1 is patently false according to any reasonable
>engineering evaluation,

Its nice that you preach everything in theoretical terms, but practice
often yields different answers. Shannon's Law dictates what the
theoretical maximum thruput of a bounded channel is, yet often you'll
find that it is much less because conditions are not optimum, or you
do not have the necessary equipment to make totally efficient use of
said channel.

In the same vein, in many respects CW remains a way to "get thru"
when voice can't. Oh sure, you can preach to me about rolling me over
in the Clover, but I don't hear too many CQ CLOVER CQ CLOVER stations
out there. So much for "getting through" when there is nobody on the
other end to get through to.

On the other hand, give me a 250hz CW filter, as well as notch, APF, and
shift/width controls, and I can pick up a CW signal that you never
knew was there.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

5295. Re: SCREW THE CODE!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <546kbr$aka@anomaly.ideamation.com>
Source record: 214517

In article <546bnr$dsa@news.ais.net>, Carl Stevenson <carl@ais.net> wrote:

>Jim ... all one has to do is look/listen to the bands ... there is no
>way to dispute the fact that the vast majority of the technology in use
>dates back to at least the 1950s ... some of it (Morse code) to the
>early 1800s ... ham radio has been left stagnating in the past as the
>rest of the world has strode forward in great leaps and bounds ... the
>fact that you have no understanding of (or desire to learn about) modern
>communications technology does NOT change the reality that you refuse to
>accept ...

Where are all these modern communication modes in amateur radio? Where
is all the commercial gear supporting these modes? Where are all the
QST home-brew articles showing amateurs how to build all this whiz-bang
super-techno equipment?

The internal combustion engine is almost a century old too, but still
seems to be chugging along just fine.

>>Ham radio is a hobby with a public service aspect.
>
>No ... despite your aversion to reality, we are a service with a hobby
>aspect ... see Part 97.1 ... try reading and learning something for a
>change ...

Funny, I can almost swear that CB radio is called the "Citizens Band
Radio SERVICE" too. What SERVICE does CB radio serve?

>I know it's harder than spouting off with no idea of what
>you're talking about

Pot. Kettle. Bang.

> (your normal mode of operation), but you really
>should try it ..

Yet more ad-hominems. Something Carl is constantly claiming the "pro-code"
people do.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

5296. Re: Fwd: CAP Forbids use of amateur radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: eusrdf@exu.ericsson.se
Message-ID: <5460lj$741@cnn.exu.ericsson.se>
Source record: 214518

In article fi7@newsbf02.news.aol.com, emtp4355@aol.com (EMTP4355) writes:
>Subject: CAP Forbids use of Amateur Radio?
>From: Joe Giraudo <giraudo@sierra.net>
>Date: Wed, 16 Oct 1996 14:34:44 -0700
>
>The latest issue of World Radio includes an article in the Search and
>Rescue column that states that the Civil Air Patrol now forbids its
>members from using Amateur Radio for any CAP operations including Search
>and Rescue and Emergency operations.
>
>This is supposedly outlined in the new Communication Regulations recently
>issued. Is this true?
>
>
>
>Joseph K Murphy, EMT-P KF4KEK
>emtp4355@aol.com EM75RW
>
> Harriman, TN USA

That is correct. CAP communications have been moved from FCC enforcement
and control to NTIA, the same as any Federal Government agency. Therefore,
any CAP business is classified as US government business. Therefore, CAP
use of non-governmental frequencies is a violation of the NTIA rules.
It would be the same as if any other federal agency would use amateur
frequencies to conduct federal business. Ther has been many exchanges
regarding this issue on the cap-comm talk group.

Richard Fitzgerald
WA5UTF Texas CAP 428

5297. Re: Ham Gear for Sale....

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: mwhite@mitre.org
Message-ID: <mwhite-1710961335190001@m14494-mac.mitre.org>
Source record: 214519
Cross-posted to: rec.ham-radio,rec.ham-radio.swap,rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.swap,rec.radio.swap

> Reason for selling is that I just got married a few months ago and
> either the Ham Gear or me go.

"Yeah, my wife said she'd leave me if I didn't get off the radio. Over."

--
mwhite@mitre.org

My opinions are my own, not my employer's.

5298. Re: :-) A screwey look at a get-rich-quick scheme :-)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: Simon Freeman <number6@38.252.108.5>
Message-ID: <3266E4C7.67BF@38.252.108.5>
Source record: 214520
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.snowmobiles,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketplace.vinyl,rec.music.makers.guitar.acoustic,rec.music.dylan,rec.music.artists.kiss,rec.motorcycles.dirt,rec.models.rockets,rec.games.video.classic,rec.games.video.advocacy,rec.games.roguelike.nethack,rec.games.frp.misc,rec.crafts.textiles.quilting,rec.crafts.metalworking,rec.collecting.dolls,rec.collecting.coins,rec.boats.paddle,rec.boats,rec.bicycles.racing,rec.bicycles.misc,rec.autos.makers.honda,rec.arts.sf.movies,rec.arts.movies.past-films,rec.arts.marching.drumcorps,rec.arts.bodyart,rec.aquaria.marine.reefs,rec.antiques.radio+phono

Hahahahaha EXCELLENT!

#6

5299. 286-laptop

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: Danny <ko6oy@fishnet.net>
Message-ID: <3266EDF3.48D5@fishnet.net>
Source record: 214521

```
286 laptop
zenith 286 laptop computer super-port
40 mb hard drive,crt for (rgb,cga)
comes with mouse,printer port,ext.fdd
andext bus with lap caple.battery in good con.
call Danny at (805)659-3341
Email..ko6oy@fishnet.net
thanks
```

5300. FS: ICOM IC900 with 5 band modules

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: ka2ctn <ka2ctn@ix.netcom.com>
Message-ID: <01bbbc3a$54de4b00$LocalHost@david-spillett>
Source record: 214522
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

FOR SALE

ICOM IC900 multi-band transceiver.
Includes: manuals, control head, fiber optic cable,
optional fan unit for cooling PA decks, mic, mobile mount,
optional CTCSS decode module, extended coverage on all bands.

Band modules included are for 10m, 6m, 2m, 220mhz and 440mhz.

Works great, good condition, $1,200 shipped (CONUS)
--

Dave - ka2ctn@ix.netcom.com

5301. Communications in tunnels

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: Egil Beichmann <ebeichma@aft.sn.no>
Message-ID: <01bbbc6a$31d94b20$0c668fc2@egilb.eunet.no>
Source record: 214523

This is a problem here in Norway where we have many long tunnels. There seems to us to be no method to communicate into tunnels if there is an accident.
There seems to be these alternatives:

LF communications
VHF communications
SHF communications
Carrier frequency equipent.

Cables can not be used as they will be destroyed by the accident.

Is there anybody out there who knows anything about this?

73 de
Egil.

5302. Re: CW Forever

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: carl@ais.net
Message-ID: <546a0e$dsa@news.ais.net>
Source record: 214524

In <326288E8.98A@gte.net>, Jim Conn <jconn@gte.net> writes:
>Carl Stevenson wrote:
>>
>> Virtually ANYTHING is more effective than OOK Morse code ... I have
>> posted to that effect, so have Gary, Cecil, Len, and numerous others
>
>What a ridiculous statement! I don't care how many people post it, your
>statement is patently ridiculous, and flies in the face of the experience
>of those of us who consistently work DX using CW, when SSB is not getting
>through because of poor band conditions! What a crock!
>

Jim,

As usual, your response is purely emotional drivel and flies in the face
of all established *engineering fact* ... but we already know that
doesn't matter to you ... you don't CARE if your statements are
accurate, as long as you like the sound of them and they agree with your
distorted view of reality, they're fine to you ...

Carl - wa6vse
carl@ais.net

5303. Custom COLOR PHOTO QSL cards for $ .30 each!!!!!!!!!!!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: zepplin@trellis.net
Message-ID: <32676bfd.0@news3.paonline.com>
Source record: 214525

Hello all Richard KT4IJ here. I am going to try the qsl industry a
bit. I can make and sale custom designed QSL cards for about
30 cents a piece.. They will be printed on photographic paper
<heavy stock> and can have graphics like your call and the
QSL info put on there along with a picture of you in your shack
or your tower or whatever photo you would like to see on the
front of your QSL!! Custom designs avaible. You can even recieve
your proof via e-mail and make sure it is what YOU want before
they are printed!!! Sound good? E-mail Zepplin@TRELLIS.NET
for the info......coming soon a web page with examples to browse
thru'!! Thanks for your intrest....

73 frm...Richard KT4IJ

5304. Re: Is the HTX 202 rely as bad as I have been told?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDzFF6r.K17@netcom.com>
Source record: 214526

Ramon Gandia (rfg.at.nome.dot.net@no.spam.please) wrote:

: Hmmmm. $189 ? Check out the price of the Alinco DJ-180T, it is
: now going for $199 brand new and its a good set. I have one,
: my only complaint on the DJ-180 is that my eyesight is not too
: good anymore and I have a heck of a time reading the LCD display.

: Other Alinco models have larger LCD's with big numerals for us old
: geezers. Standard is 10 memories, optional is 240 or so.
: Larger batteries for extended time, or for more power, or both
: are available, as well as speaker/mikes, cases, fast chargers,
: you name it. DTMF keypad is standard.

: YOu pays your money and makes your choice.

Wish I had paid more attention this past weekend. Alinco had a large booth at the Southwestern Division Convention in Phoenix (Mesa) and I didn't pay as much attention as I should have. Several of us were manning the booth to take advance registrations for the same convention next year in Riverside, so our time was somewhat limited. But, Alinco had a neat 70 cm HT that was about the size of a pack of cigarettes or somewhat smaller. I suppose asking for a dual-bander that size is being to greedy. :-)

73 de Jim - KF6CR

5305. Re: ���� ����� ��� �� ����...�� ������...OK !!! ����

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: PPIERCE <PPIERCE@cyberhighway.net>
Message-ID: <32664510.475@cyberhighway.net>
Source record: 214527
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.snowmobiles,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketplace.vinyl,rec.music.makers.guitar.acoustic,rec.music.dylan,rec.music.artists.kiss,rec.motorcycles.dirt,rec.models.rockets,rec.games.video.classic,rec.games.video.advocacy,rec.games.roguelike.nethack,rec.games.frp.misc,rec.crafts.textiles.quilting,rec.crafts.metalworking,rec.collecting.dolls,rec.collecting.coins,rec.boats.paddle,rec.boats,rec.bicycles.racing,rec.bicycles.misc,rec.autos.makers.honda,rec.arts.sf.movies,rec.arts.movies.past-films,rec.arts.marching.drumcorps,rec.arts.bodyart,rec.aquaria.marine.reefs,rec.antiques.radio+phono

Levi Boldt wrote:
>
> Is anybody else getting sick and tired of seeing these ads for
> pyramid-scheme "fundraisers?" Anything we can do to make them shut up?
> ....

Number one:

Don't reprint it when you comment..... You just gave the darn thing
another posting!!!

--
Paul in AJ AZ NRA Endowment Member
Checkout the Metal Web News at
http://tbr.state.tn.us/~wgray

5306. Re: What is HAM

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: clint.bradford@atdbbs.com
Message-ID: <9610170936564998@atdbbs.com>
Source record: 214528

>>...it's not "HAM," but "ham" ...

Personally, I use "Amateur Radio" when I edit texts.

-Clint Bradford

5307. Re: What is HAM

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: clint.bradford@atdbbs.com
Message-ID: <9610170936564997@atdbbs.com>
Source record: 214529

>>...i was told there was a magazine around 1908 called Home Amateur
>> Mechanic. hope this helps. 73 steve

Naw, Steve...

Before we got into this marvelous hobby, "HAM" stood for "Have A lot of Money."

Now, of course, it means, "Had A lot of Money."

-Clint Bradford

5308. Need disneyland repeater frequency

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: clint.bradford@atdbbs.com
Message-ID: <9610170936554996@atdbbs.com>
Source record: 214530

>>I going to disneyland and I was wonder if anybody konws
>>the repeater frequencies down there. Is it okay to use the
>>repeater ??

146.940- PL 131.8

Use it sparingly, with respect, and all will be fine!

-Clint Bradford, KE6LCS

5309. ADA specs

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: clint.bradford@atdbbs.com
Message-ID: <9610170936554995@atdbbs.com>
Source record: 214531

>>Does anyone have any info on how to
>>modify an ADA-200 HT?

To do what?

5310. Re: ** FLEA at MIT ** Sunday 20 October Cambridge MA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: mlc@izzy.net
Message-ID: <544cui$oe1@izzy4.izzy.net>
Source record: 214607
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,sci.electronics.misc,ne.forsale,ne.general,rec.radio.amateur.homebrew

In article <5441ke$6f4@northshore.shore.net>, mc@shore.net says...

>What a bunch of crap - we're all adults and able to make decisions. If
>you want things with guarantees - go to Sears and pay $$$$$. I've found a
>lot of real neat things at flea markets and for cheap!

Yea, no kidding. I picked up a Kenwood UHF rig (circa 1992) for $35!! Did I
really expect it to work???

Actually all I had to do was ditch the surface mount micro (the one that did
all the DDS stuff) an replace it with a home brew PLL synthsizer, works
great!

I'm sure they guy that sold it to me didn't have a clue, so what should he
have said "Gee this is dead as a door nail and there's not a chance in hell
you'll ever get it working"????

Tim, ka8ddz

5311. Australian Reciprocal License

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: Davis Straub <davis@halcyon.com>
Message-ID: <01bbbbee$6af25ea0$32203fce@davis-p166>
Source record: 214608

Or Licence as they say there.

I've read the rules from Australian Spectrum Management re applying in
person with your US license to get an Australian one.

http://sydney.dialix.oz.au/~wiansw/visitors.html

Sure would be nice to be able to do this via the web or through the mail.

Anyone had any success doing that?

--
\\\^///
< ��� >
~

Notice the new address (davis@halcyon.com)

Davis Straub
co-author with Brian Livingston of "Windows 95 Secrets Gold," IDG Books,
Inc.
"Windows 95 Secrets ... is the Jaws of Life for Windows 95 users."
http://www.halcyon.com/davis/secrets.htm
Seattle, Washington

5312. Re: ���� ����� ��� �� ����...�� ��������...OK !!! ����

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: Levi Boldt <boldtlev@pilot.msu.edu>
Message-ID: <3265C203.6008@pilot.msu.edu>
Source record: 214609
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.snowmobiles,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketplace.vinyl,rec.music.makers.guitar.acoustic,rec.music.dylan,rec.music.artists.kiss,rec.motorcycles.dirt,rec.models.rockets,rec.games.video.classic,rec.games.video.advocacy,rec.games.roguelike.nethack,rec.games.frp.misc,rec.crafts.textiles.quilting,rec.crafts.metalworking,rec.collecting.dolls,rec.collecting.coins,rec.boats.paddle,rec.boats,rec.bicycles.racing,rec.bicycles.misc,rec.autos.makers.honda,rec.arts.sf.movies,rec.arts.movies.past-films,rec.arts.marching.drumcorps,rec.arts.bodyart,rec.aquaria.marine.reefs,rec.antiques.radio+phono

Is anybody else getting sick and tired of seeing these ads for
pyramid-scheme "fundraisers?" Anything we can do to make them shut up?

mot@inter.net.il wrote:
>
> Newsgroups: alt.sex.stories.d
> Date: Tue, 17 Sep 96 23:43:02 PDT
> From: mot@inter.net.il
> Subject: mONEY aND fAST !!!! $$$$ WANNA MAKE MONEY WITH ACTUALLY ALMOST NO COST..UPTO
50,000$$$
> X-Newsreader: NEWTNews & Chameleon -- TCP/IP for MS Windows from NetManage
> MIME-Version: 1.0
> Content-Type: TEXT/PLAIN; charset=US-ASCII
>
> Path: news.NetVision.net.il!news-dc.gsl.net!news.gsl.net!news-peer.gsl.net!news.gsl.net!
www.nntp.primenet.com!nntp.primenet.com!news.cais.net!news.us.net!usenet
> From: "S.T.O." <sto@us.net>
> Newsgroups: alt.sex.spanking,alt.sex.stories,alt.sex.stories.d,alt.sex.strip-clubs,alt.s
ex.voyeurism,alt.sex.wanted,alt.sex.wizards,alt.sexual.abuse.recovery,alt.smokers,alt.smok
ers.cigars
> Subject: Make Money The Fastest way (90 days)!!!
> Date: 10 Sep 1996 00:32:32 GMT
> Organization: US Net, Incorporated
> Lines: 133
> Message-ID: <01bb9ead$99a24520$4870f0c6@tower>
> NNTP-Posting-Host: endc3.laurel.us.net
> X-Newsreader: Microsoft Internet News 4.70.1155
> Xref: news.NetVision.net.il alt.sex.spanking:17373 alt.sex.stories:40816
alt.sex.stories.d:4310 alt.sex.strip-clubs:17986 alt.sex.voyeurism:16836
alt.sex.wanted:30713 alt.sex.wizards:6258 alt.sexual.abuse.recovery:10923
alt.smokers:11104 alt.smokers.cigars:23825
>
> I actually read an article in Newsweek that this type of thing is true and
> legitimate! I figure it's worth a try!
>
> M. Hache wrote:
>

> Everyone seems to be making money on the net these days. If you are
> reading this I assume that you have decided that it's your turn. The
> opportunity that will be described here is a PROVEN MONEY MAKER and
> it's perfectly LEGITIMATE AND LEGAL. So if you are ready to make some
> money read on, you have everything to gain..... Save this article to
> a file on your hard drive because you will need it later.
>
> I came accross this opportunity in one of the news groups. I read the
> article that was posted (very similar to this one) and thought that
> it sounded too easy. There had to be a catch. I checked with a friend
> of mine who happens to be an attorney and she assured me that it was
> perfectly legal with no catch as long as I followed the rules which
> are spelled out below.
>
> It will cost you five dollars to try this out but believe me you will
> make it back 100 fold. Just for the sake of saying it, you will not
> be sending the five dollars to me. Honesty is a must for this to
> work so follow the rules to the letter and in a few weeks you will
> be amazed at the results. I sure was.
>
> These are the rules:
>
> 1) Take five sheets of paper and write the following on each one:
> 'Please add my name to your list' include your name or the name
> of your business and your mailing address. In this way you are
> asking the person who receives the sheet of paper to perform a
> service for you which will be explained as we go through the rules.
>
> 2) Now take each sheet that you prepared above and fold it around a
> one dollar bill (Please use U.S. currancy). Do not send checks or
> money orders. In this way you are paying for the service you
> have asked them to perform from step one. By folding the paper
> around the dollar bill you will insure its arrival at the intended
> destination.
>
> 3) Take each of the requests for service along with the one dollar
> payment for the service, place them in five envelopes, and send
> them to the five people listed below.
>
> 4) Read this step carefully. Remove the first name from the list
> of five names below. The name in position 1. Move the other
> four names up one position so that the name in position 2 is
> now in position 1, the name in position 3 is now in position 2,
> and so on. Place your name and address in position 5 (the last
> position on the list). When doing this do not use a word processor.
> You must leave this article as a straight MS-DOS text file so
> anyone recieving it can read it.
>
> 5) Now upload the updated file with your name in position 5 to as many
> news groups, and bulliten board message areas as possible. Give it

> a catchy description like "NEED CASH....FAST ??" or "PAY OFF YOUR DEBTS
> IN 90 DAYS", or "NEED CASH FOR THE HOLIDAYS ??", etc. The more
> uploads you make the more money you will earn.
>
> 6) This is another VERY IMPORTANT STEP. When someone sends you a dollar
> requesting that you add thier name to your list you must perform
> the service requested. All you need to do is save all the sheets
> of paper requesting to be added to your list in a folder (your list).
>
> 7) What do you do with your list? As time allows take the names and add
> them to the list below 2 or 3 at a time to the bottom most positions
> like 3, 4, and 5. Put yourself in position 2 or 3 and upload that
> article. In that way we all multiply the number of times our name
> appears and we perform a legitimate service. Be sure to continue to
> post the original updated article as well with the names as they
> appear below and your name in position 5.
>
> If you need help uploading just ask someone in one of the news groups or
> the sysop of the bullitin board and they will explain how it's done.
>
> You can expect to see a little money start to trickle in at around 2
> weeks, but around weeks 3 and 4 WOW!!
>
> 8) When the 'money storm' hits your mailbox go pay off your bills and
> debts, and then go get that something special that you've always
> wanted, or for your love ones.
>
> HERE IS THE LIST OF NAMES:
> Position 1: Amir
> 8 Hanurit Street
> P.O.Box 154
> Kochav-Yair 44864
> Israel
>
> Position 2: Richard Fitzgibbons
> 913 Maple Lane
> Lebanon, PA 17046
> U.S.A.
>
> Position 3: G. S. Interprises
> P.O. Box 570
> Fairmont, MN 56031
> U.S.A.
>
> Position 4: Michael 001
> 11-9, Ross Ade Dr.
> West Lafayette, IN 47906
> U.S.A.
>
> Position 5: Yoav Kessler

> Yehouda Halevi 25 St.
> Herzelia 46490
> Israel
>
> HONESTY is what makes this work so do send the request for service and
> the one dollar payment for that service to the five people on the list.
> I invested the five dollars and it payed off big time because now the
> five people I sent to are all helping me get this posted with my name
> on their lists. If we all play fair the results will speak for themselves.
>
> Set some kind of a goal like 15 or 20 posts or more every couple of days.
> Make sure it's a goal you can achieve. One last thought, keep track of
> how much you make because you will need to report it as income for tax
> purposes.
>
> Just for fun you might also include on the sheets of paper the position
> that person was in when you got this article,
>
> You might want to keep this letter in a secure place, so that you can use
> it
> again sometime in the future.
> Sit back and start enjoying your life. Life is short, play hard!!!
>
> [Versions]
> UserVersion=1
>
> [NewtNews]
> EditFont=Fixedsys, 15, 8, 400, 177, 1, 2, 2, 49, 0
> PageSetup=0.500000 1.000000 0.500000 1.000000 I
> CheckInterval=3600
> DownloadTime=-29536
> Showallarticles=0
> SmartButtons=0
> ShowToolbar=1
> AskFetchThreshold=250
> ShowStatusbar=1
> DisplayThreads=1
> CheckForNewMsgs=0
> CheckForNewGroups=1
> HideEmptyGroups=0
> InsertOriginal=1
> NumGroupCols=20
> GroupColSort=0 1 4 5 3 8 6 7 9 10 11 12 13 14 15 16 17 18 19 2
> GroupColSizes=56 56 56 56 56 56 56 56 56 56 56 56 56 56 56 56 56 56 56 56
> NumArtCols=20
> ArtColSort=0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
> ArtColSizes=56 56 339 56 56 56 56 56 56 56 56 56 56 56 56 56 56 56 56 56
> VisibleHeaders=1 1 0 1 0 0
> HeaderPositions=1 2 -1 0 -1 -1
> SortColumn=0

> SortOrder=0
> GroupSortColumn=0
> GroupSortOrder=0
> MainGeometry=198 133 378 619
> ReadGeometry=48 48 450 610
> ComposeGeometry=153 73 553 573
> OpenLogAtStartup=0
> LastNewGroups=3265e816
> NewsGroups=C:\NETMANAG\news\nardimon\groups1.nws
> LocalGroupFile=C:\NETMANAG\news\nardimon\local5.nws
> Subscribed=C:\NETMANAG\news\nardimon\subscr5.nws
> NNTPServer=news.netvision.net.il
> DefaultFrom=mot@inter.net.il
>
> [ComposeWindow]
> WidthInChars=80
>
> [ReadWindow]
> ShowFullHeader=0
>
> [LOG]
> Log to Window=1
> Log to File=0
> Log File=
> Log Options=1,1,1,1,1,1,1
>
> [Colors]
> MainWindow=ff000000 ff000000
> ComposeText=ff000000 ff000000
> ReadText=ff000000 ff000000

--

Levi Boldt
'94 Coachmen, '95-'96 Colts
http://www.msu.edu/user/boldtlev

5313. (none)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: g0261104@ipied.tu.ac.TH
Message-ID: <Pine.SOL.3.90.961017131938.16370B-100000@ipied.tu.ac.th>
Source record: 214610

```
unsub g0261104@ipied.tu.ac.th info-hams
```

5314. Re: ** FLEA at MIT ** Sunday 20 October Cambridge MA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: Richard Hager <rhager@millcomm.com>
Message-ID: <3265DC79.5F0A@millcomm.com>
Source record: 214611
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,sci.electronics.misc,ne.forsale,ne.general,rec.radio.amateur.homebrew

John Cooley wrote:

> Dale, Xochi's just being grumpy.
> - John

Actually, he's being kinda vicious, don't you think?

"knee-jerk boy"
"scumbags"
"old men"
etc.
etc.

5315. HAM RADIO OUTLET PURCHASES

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: DAVE ABSHIRE <D.R.ABSHIRE@worldnet.att.net>
Message-ID: <01bbbbf2$0351e8c0$855292cf@default>
Source record: 214612

HAM RADIO OUTLET PURCHASES

ASSETS OF TUCKER ELECTRONICS

AMATEUR RADIO BUSINESS

FOR IMMEDIATE RELEASE

FOR FURTHER INFORMATION CONTACT

John F. Holloran, Jr.

(214) 348-8800 x8363

jholloran@tucker.com

DALLAS, October 16 - Tucker Electronics Company, a distributor of new and reconditioned electronic test & measurement equipment, amateur and shortwave radios, and electronic hobbyist products announced today it had agreed to sell substantially all of its assets related to its amateur radio business to Ham Radio Outlet ("HRO").

Tucker Electronics has discontinued operations of its retail store and consumer mail-order business, and the company will immediately begin to transfer the purchased assets to HRO's stores. Tucker plans to market its vintage radios and any inventory not acquired by HRO on its website (www.tucker.com) in early November.

The sale of its amateur radio business will allow Tucker Electronics to focus on its core business, distributing new and reconditioned electronic test & measurement equipment.

5316. When is Dayton 97

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: stevehan@ptd.net
Message-ID: <544h3s$3ea@news.ptd.net>
Source record: 214613

I need the dates for above to plan my vacation.
Who do I contact for tickets and other info, I remember a web site last
year. This is my first Dayton show I have made plans for so feel free
to pass along any tips.

Steve

--
+---+
| Steve Hancock, N3FWE stevehan@ptd.net |
| Dynamic IP for Chat: http://home.ptd.net/~stevehan |
| The Pro-2006/Probe Home Page http://home.ptd.net/~pro2006 |
| "The Truth is Out There" |
+---+

5317. Re: Is the HTX 202 rely as bad as I have been told?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: Ramon Gandia <rfg.at.nome.dot.net@no.spam.please>
Message-ID: <3265F5F2.38A2@no.spam.please>
Source record: 214614

Jim Lowman wrote:
>
> Diback (diback@aol.com) wrote:
> : I am anxeously awaiting my ham ticket, and I'm looking at perspective
> : radios. For a while, I realy liked the HTX 202 from Radio Shack, and I've
> : heard good things about it over 2 meters on my scanner. Resently, a store
> : owner told me that any thing that Radio Shack puts out, is trash, and to
> : get some other brand(he recomended a Standard something or other). Is
> : this true, or did he just want me to get something from his store? Any
> : recomendations for a first radio?
> : Any feed-back would be appreceated.

> My feeling is
> that, at the discounted price I paid ($189.95) during a sale, if it worked
> for a year that was fine; anything more is gravy. If it failed, it would
> give me an opportunity to buy a dual-bander, such as the FT-51R.

Hmmmm. $189 ? Check out the price of the Alinco DJ-180T, it is
now going for $199 brand new and its a good set. I have one,
my only complaint on the DJ-180 is that my eyesight is not too
good anymore and I have a heck of a time reading the LCD display.

Other Alinco models have larger LCD's with big numerals for us old
geezers. Standard is 10 memories, optional is 240 or so.
Larger batteries for extended time, or for more power, or both
are available, as well as speaker/mikes, cases, fast chargers,
you name it. DTMF keypad is standard.

YOu pays your money and makes your choice.
--
In order to foil SpamBots, my e-mail address is not
machine readable. Please reply to address below:

Ramon Gandia, Nome, Alaska | rfg.at.nome.dot.net
AL7X S/V Seven Stars |
907-443-2437 fax 907-443-2487 | where at=@ dot=period

5318. Re: Libel me, Think.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3266030E.F4@ccsnet.com>
Source record: 214615

Jeff Stevenson wrote:
>
> Burt,
>
> Please support your assertation below.
>
> The reason that I ask that you do this is that I believe the statement to be
> false.
>
> If it is merely your opinion please state so in the future.
>
> Jeff
>
> In article <3262D823.31F3@ccsnet.com>, k1oik@ccsnet.com wrote:
>
> >other hams merely have no life.

It is not only my opinion, it is my families opinion, it is the opinion
of many of my students and non hams I come in contact with.

A life is more than talking on a radio about nothing to someone you are
unlikely
to ever meet. A life is more than call CQ Contest and exchanging both
false and useless information.
#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#================#===#
|This message was posted from home k1oik@ccsnet.com |
#===#
If you try to milk too much, you won't get a drop
Samantha Fisher

5319. Re: What a Wonderful Life.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <32660363.53BD@ccsnet.com>
Source record: 214616

Jeff Stevenson wrote:

> How about a Marine Ham? That would be me...
>
> Jeff

I would fear anyone who is or was a Marine.
But why would a Marine want to be with wimps?

#===============#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#===============#===#
|This message was posted from home k1oik@ccsnet.com |
#===#
If you try to milk too much, you won't get a drop
Samantha Fisher

5320. Re: ���� ����� ��� �� ����...�� ������...OK !!! ����

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: 4getit@no.way.com
Message-ID: <544ajq$la7@dfw-ixnews8.ix.netcom.com>
Source record: 214617
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.snowmobiles,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketplace.vinyl,rec.music.makers.guitar.acoustic,rec.music.dylan,rec.music.artists.kiss,rec.motorcycles.dirt,rec.models.rockets,rec.games.video.classic,rec.games.video.advocacy,rec.games.roguelike.nethack,rec.games.frp.misc,rec.crafts.textiles.quilting,rec.crafts.metalworking,rec.collecting.dolls,rec.collecting.coins,rec.boats.paddle,rec.boats,rec.bicycles.racing,rec.bicycles.misc,rec.autos.makers.honda,rec.arts.sf.movies,rec.arts.movies.past-films,rec.arts.marching.drumcorps,rec.arts.bodyart,rec.aquaria.marine.reefs,rec.antiques.radio+phono

mot@inter.net.il wrote:

>Newsgroups: alt.sex.stories.d
>Date: Tue, 17 Sep 96 23:43:02 PDT
>From: mot@inter.net.il
>Subject: mONEY aND fAST !!!! $$$$ WANNA MAKE MONEY WITH ACTUALLY ALMOST NO COST..UPTO 50,000$$$
>X-Newsreader: NEWTNews & Chameleon -- TCP/IP for MS Windows from NetManage
>MIME-Version: 1.0
>Content-Type: TEXT/PLAIN; charset=US-ASCII

>Path: news.NetVision.net.il!news-dc.gsl.net!news.gsl.net!news-peer.gsl.net!news.gsl.net!www.nntp.primenet.com!nntp.primenet.com!news.cais.net!news.us.net!usenet
>From: "S.T.O." <sto@us.net>
>Newsgroups: alt.sex.spanking,alt.sex.stories,alt.sex.stories.d,alt.sex.strip-clubs,alt.sex.voyeurism,alt.sex.wanted,alt.sex.wizards,alt.sexual.abuse.recovery,alt.smokers,alt.smokers.cigars
>Subject: Make Money The Fastest way (90 days)!!!
>Date: 10 Sep 1996 00:32:32 GMT
>Organization: US Net, Incorporated
>Lines: 133
>Message-ID: <01bb9ead$99a24520$4870f0c6@tower>
>NNTP-Posting-Host: endc3.laurel.us.net
>X-Newsreader: Microsoft Internet News 4.70.1155
>Xref: news.NetVision.net.il alt.sex.spanking:17373 alt.sex.stories:40816 alt.sex.stories.d:4310 alt.sex.strip-clubs:17986 alt.sex.voyeurism:16836 alt.sex.wanted:30713 alt.sex.wizards:6258 alt.sexual.abuse.recovery:10923 alt.smokers:11104 alt.smokers.cigars:23825

<major, MAJOR snip here>
First,

1. This is NOT an alt.sex usenet group
2. What does this have to do with REM, and
3. Get this worthless shit out of here!

5321. Re: Can Amatuer Radio survive ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: Kevin Jessup <kevin.jessup@mail.mei.com>
Message-ID: <32661260.246D@mail.mei.com>
Source record: 214618

Gary Coffman wrote:

> Have you *tried* using the spreading codes we're allowed to use?
> What's the disadvantage? The fact is that the codes we're allowed
> to use will support up to 2,048 stations in the same coverage cell
> without overlap.

Oh? How big are your cells? ;-) How did you arrive at that number?
Which rules are YOU reading? You also must consider data rates,
spreading gain and the size of the band you are attempting to work in.
Maybe you're happy with 1200 baud. I was talking wireless, high
data-rate multimedia.

For DSSS, you can have multiple signals spread about the
SAME center frequency if PN codes are sufficiently random
and numerous.

But Part 97 states...

(d) The only spreading sequences that are authorized are
from the output of one binary linear feedback shift
register (which may be implemented in hardware or software).

(1) Only the following sets of connections may be used:

Number of stages Taps used in
in shift register feedback
7 7, 1
13 13, 4, 3, and 1
19 19, 5, 2, and 1

If you are going to use the shift register's output in
a parallel manor as a WORD to select an OFFSET into a
frequency look-up table (the table itself can be varied),
then you get quite an assortment for frequency hopping.

But I was talking direct sequence which, as you may
know, is the preferred method for high data-rate digital.
In that case, the SERIAL OUTPUT pseudo-noise stream from
this shift register is essentially used to modulate
the carrier, the data to be transmitted being XORd
with the bit stream. The bits of the PN stream
typically result in a phase shift of the carrier.
And there are the usual variations in those modulation
methods.

On the recieve side, an identical pseudo-noise stream
is synced up (via a corellator circuit) and the original
signal is extracted.

So it looks to me like we only have THREE (count 'em)
pseudo-noise streams. Furthermore, and to quote the
ARRL handbook, "these three sequences are the only
ones that amateurs are allowed to use."

Have things changed recently?? If so, too little too
late. We needed many hams utilizing these bands on
a daily basis using such methods if we were to keep
them. Instead, expect the FCC to take away even more
amateur access to 900 MHz and up. These frequencies
are dropping like flies.

> Have you *tried* using the spreading codes we're allowed to use?

I'm curious. Which PN streams have YOU *tried* ??

>Do you *really* expect a higher density

Yes. If this is to gain wide-spread ;-) use, you
need more than a whopping total of THREE possible
pseudonoise streams.

--
kevin.jessup@mail.mei.com

5322. Re: ** FLEA at MIT ** Sunday 20 October Cambridge MA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: x@apocalypse.org
Message-ID: <54572f$4s5@asylum.apocalypse.org>
Source record: 214619
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,sci.electronics.misc,ne.forsale,ne.general,rec.radio.amateur.homebrew

In article <80hgnublt6.fsf@shell2.shore.net>,
Dale Smoak <dales@shore.net> wrote:
>x@apocalypse.org (Xochi Zen) writes:
>
>> In article <542k11$43u@izzy4.izzy.net>, Tim Hynde <mlc@izzy.net> wrote:
>> >In article <5409dq$q0d@asylum.apocalypse.org>, x@apocalypse.org says...
>
>> >c.) I haven't found a flea yet that you couldn't find 120VAC SOMEWHERE, If
>> >your spending more than a hundred dollars or so test it out before you buy.
>>
>> If they let you test... a lot of these scumbags won't.
>
>Then don't buy it. Jeez...

As previously stated, I don't. Proof-read *this*.

- X

--
	User bumbling.	
Xochi Zen	Server crashing.	
x@apocalypse.org	Glub, glub, glub.	
<-->

5323. Re: ** FLEA at MIT ** Sunday 20 October Cambridge MA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: x@apocalypse.org
Message-ID: <5457ml$51b@asylum.apocalypse.org>
Source record: 214620
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,sci.electronics.misc,ne.forsale,ne.general,rec.radio.amateur.homebrew

In article <544c83$oe1@izzy4.izzy.net>, Tim Hynde <mlc@izzy.net> wrote:
>In article <542m6n$eq8@asylum.apocalypse.org>, x@apocalypse.org says...
>
>Tim, ka8ddz wrote:
>
>>>a.) ethical standards at a flea? That would certainly take the fun out of
>>>it!!
>>
>> How would you like it if one of the dealers bashed your scull in
>> with an oscilloscope. ;)
>>
>
>Ok, now I'm completely confused. WTF has ethical standards at a flea market
>have to do with a vendor bashing in my skull, what does this mean?

Ok, for the humor-impaired, that was something which, in western culture,
is known as a joke.

>>>b.) How do you intend to *impose* your ethical standards on anybody?
>>
>> All I know is that I'm not SCSI.
>
>What is SCSI? I've never hear of it.

Something (but not much of) an in-joke. SCSI is an interface for
disk drives and other computer devices. It's pronounced "scuzzy."

>Then don't buy from the *scumbags* dummy, let someone else buy it. If you

Looks like a case of the teapot calling the kettle black. And no, I
won't explain what that phrase means. Look it up. It's worth looking up.

Kind Regards,

Xochi

--
	User bumbling.	
Xochi Zen	Server crashing.	
x@apocalypse.org	Glub, glub, glub.	
<-->

5324. Re: ** FLEA at MIT ** Sunday 20 October Cambridge MA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: x@apocalypse.org
Message-ID: <54584j$564@asylum.apocalypse.org>
Source record: 214621
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,sci.electronics.misc,ne.forsale,ne.general,rec.radio.amateur.homebrew

In article <544do9$oe1@izzy4.izzy.net>, Tim Hynde <mlc@izzy.net> wrote:
>>>Xochi Zen wrote:
>
>> Again, we're not talking about 50 cent plates or $1 answering machines.
>> For my own part, I've simply decided not to give any of these vendors
>> my business. I think your neo-cortex needs calibrating if you think anyone
>> is calling for the government to intervene.
>
>I think the poster was refering to your call to *impose* morals on the flea
>market vendors, how exactly did you plan on *imposing* such values?
>
>Tim, ka8ddz |

I didn't plan to do anything; but I'm sure that if you thought about it
just a *little* bit harder, you could imagine how such a policy could
be implemented.

- Xochi

--
	User bumbling.	
Xochi Zen	Server crashing.	
x@apocalypse.org	Glub, glub, glub.	
<-->

5325. Re: ** FLEA at MIT ** Sunday 20 October Cambridge MA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: x@apocalypse.org
Message-ID: <54589l$587@asylum.apocalypse.org>
Source record: 214622
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,sci.electronics.misc,ne.forsale,ne.general,rec.radio.amateur.homebrew

In article <3265DC79.5F0A@millcomm.com>,
Richard Hager <rhager@millcomm.com> wrote:
>John Cooley wrote:
>
>> Dale, Xochi's just being grumpy.
>> - John
>
>
>Actually, he's being kinda vicious, don't you think?
>
>"knee-jerk boy"
>"scumbags"
>"old men"

I call it object-orientated reality-based entertainment. (OORBE)

- x

--
	User bumbling.	
Xochi Zen	Server crashing.	
x@apocalypse.org	Glub, glub, glub.	
<--->

5326. Re: Info about direct AM demodulation wanted

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: Ramon Gandia <rfg.at.nome.dot.net@no.spam.please>
Message-ID: <3265F47D.6769@no.spam.please>
Source record: 214623

Sebastien SCHMITT wrote:
>
> Hello!
>
> I am interested in direct AM demodulation (without IF).
> Has anybody experience with it?
> Any advice or suggestion of book would be welcome.

Well, sebastian, this is nothing new. It was standard amateur
and commercial radio fare until the late 1930's. The
drawback is that selectivity (ability to separate stations
close together on the dial) is rather poor on such a set.
The reason a superhet is the receiver of choice is that when
the desired station is tuned in, it falls into the I.F. and
then a filter can be built just for that I.F. frequency.

The front end (at least an oscillator-mixer, or also called
a converter) is tuned to put the desired station in "tune".

But you can do it the old way. Here are four methods, take
your pick.

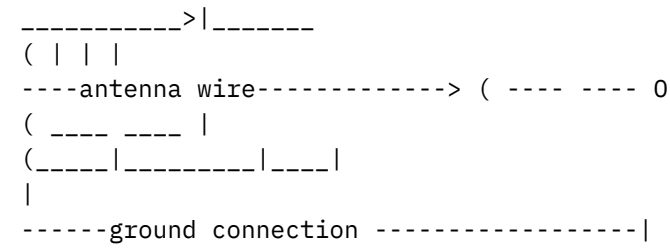
#1. Dead simple. A crystal detector. It will not be very
selective; tuned to the broadcast band .540-1.700 kHz, it will
probably pick up ALL the radio stations in town! If you live
in a town with just one station -- the case in rural areas --
then no problem. Some Crystal sets have fancy "tuners" to give
it a modicum of selectivity. A single tuner is normal; no tuner
was common in the 1910-1924 era; dual or triple ganged tuners,
loose coils and a host of other gadgets improve its performance
on bands with more than one or two stations.

The crystal set normally drives headphones directly, but you
could feed the audio to an amplifier, like a hi-fi or boom box
and pick up much weaker signals that way, and be able to listen
on a speaker.

Crystal sets traditionally were made with a chunk of Galena Quartz,
which is a Galena/Quartz mineral ore, a rock maybe 1 inch in
diameter or more.

You mount this on a metal base which is one connection, the other
connection is a needle that can be poked into the Galena and held
there with a fairly stout spring.

Typical wiring is like this:



Here the coil is maybe 50 turns of wire, or more, and the capacitor across the coil should be a 365 pf variable. The diode shown is the galena detector, or a store bought 1N34 or 1N914 diode. The '34 is better for this use. The headphones look like the letter "O" and must be magnetic type; ie, wound up with wire wound electromagnets. Telephone handsets have the right type. Or any old surplus headphones. They come in 600 ohm, 2000 ohm types, etc. If all you have is stereal 8 ohm headphones, you can use a transformer to step the impedance up; 8 ohm winding to phones, high impedance winding takes the place of headphones shown. A 2K to 100K transformer can be used likewise for crystal earphones, with the 2K going to the detector, 100K to the headphone.

You connect the set to a waterpipe ground; the antenna is tapped on the coil. The lower the tap, the more selective the radio will be, but the less sensitive.

In the old days it was rare to find variable capacitors, so a fixed one was used. Typically alternating layers of aluminum or tin foil and glass window panes. The set was then tuned by shorting out portions of the coil, and some fancy ones were made, with sliders, cranks, variometers, etc.

The antenna should be a wire about 50 ft long strung out the window to a tree.

If you have an AM broadcast station in town, or within 20 miles, this puppy will pick it right up (and probably pick up all sorts of other stuff).

A real galena detector is much more sensitive than the store bought diode. You move the needle around the rock until you find a "hot" spot, and leave it there. It will work for hours or days there, and then the set gets hard of hearing and you have to hunt for another spot. No big deal. Did it a lot as a kid. Many crystal rocks will work, maybe even granite or marble, or maybe a chunk of hard lignite carbon, your guess is as good as mine. A good galena rock is best and ranges to 400 miles is not uncommon.

Some substitutes from the old days. The electrolytic detector was popular, a metal flask with weak acid (battery acid is fine, or muriatic acid). YOu dip the needle into the acid, and draw it out with a setscrew. As it follows the needle up from the surface, due to surface tension, the receiver gets more and more sensitive until

just before the needle comes clear of the liquid. No good in ships at high seas.

The flame detector is two metal plates about one or two inches in diameter, with adjustable spacing, say 1/4 inch, and play a bunsen burner in between them.

The coherer detector is a glass tube with metal plugs at each end, and filled with iron filings. This conducts electricity when a radio signal is received, but at that point it stays conducting! You use it with a doorbell mechanism. When the signal comes in, the detector conducts, which shakes the doorbell thing, which you hear, and which also shakes the detector. Shaking it up resets it, and if the signal is gone, it quits ringing the bell. There are clockwork shakers too, and no power is needed as with the bell mechanism, in which case you listen with phones. The coherer detector with clockwork shaker is more sensitive than a store bought diode, but nothing like the galena, which was king for a long time. The coherer was Marconi's favorite, and he put up a giant station in England, and a receiving station in Newfoundland, and sent a signal across in 1901. Not bad.

The companion transmitter is a spark transmitter, but I won't go into those, unless someone asks me to.

When tubes came into being around 1921 (they been around since 1914 or so, but not available in the marketplace), they were crude triodes, usually made out of light bulbs, and later refined. If you have a vaccum pump you can make one up yourself. A hose filled with mercury is a fine vaccum pump. One end goes to the glass tube stem, the other dips into a jar of mercury. A clamp holds the mercury from settling into the jar. You hook up to the stem, get your torch or bunsen ready, and open the clamp until the mercury all runs into the jar. This pulls the air out of the glass bulb. Get a light bulb, 15 watt fine. Make a grid and a plate, melt holes in the bulb to bring out the connections, seal them with molten glass. Draw out the air for a vaccum (use a one inch hose, maybe 10-20 feet long, full of mercury), then take your bunsen and seal the stem before you disconnect the hose. Should work, sort of. Don't expect miracles out of a home made tube, even by 1915 the methods were much more refined! But it should work long enough to prove that it works.

Okay, how to make a radio out of a triode. You could use the triode as an amplifier at audio to boost the signal. This is a good method for receiving a distant station with no nearby interfering signals. Ships at sea used them for a while. Land or shore stations had them darn hams to contend with and soon abandoned it. A modern version is your boom box as an amplifier, instead of a tube. If you want to use a store bought tube, the 6C4 triode is fine, or you can get a real UV-201 triode, also called plain 201 or '01. The 6C4 needs kinda strong source of 6 volts for the filament and

50 to 200 volts on the plate. I leave the amplifier design to you. But with resistor on the plate circuit, a crystal phone can be put across the resistor and you eliminate the need for magnetic phones or transformers. If you do this, put the ground connection on the plate circuit so you don't have lethal voltages on the headphone wires, or use decoupling capacitors.

The UV201 will work fine with 45 volts up to maybe 90 or 100 volts on the plate. A string of batteries is practical with this one. Filament is 2.0 or 2.5 volts, usually set with a rheostat to as cool as the set will still amplify adequately, otherwise tube life is s-h-o-r-t.

Okay, the triode can also be used as an r.f. amplifier, which is a bit tricky. You use tuned circuits input and output, which gives you a double tuner effect, much more selective. You need to neutralize the triode; the usual way was a link coupled to each coil input and output, with the connections reversed so the set would neutralize instead of oscillate. The links were adjusted near the coil, or turned at an angle to it to get the adjustment just right.

Modern tubes, with high gain, make practical the use of a grounded grid circuit which needs no neutralization, or you could even use a pentode, like a 6BA6 for an amplifier. Really modern would be a transistor or f.e.t. amplifier.

This type of set is selective enough to pick stations 200 - 300 kHz apart on the a.m. dial. Don't forget you can add more tuned circuits between the antenna and the detector to increase selectivity. They loosely couple to each other, various methods. The adjustable link or a variometer being favorites.

Third method is to use the triode as a detector. The first type is the grid leak detector, which is not bad. Looks like an r.f. amplifier, but with r.f. in and audio output. What you do is to adjust the bias supply until it detects; that is, recovers the modulation instead of hearing nothing. Not critical at all, but helps to have a bias battery with a potentionmeter. On a UV201, the grid bias voltage should be variable between about -22 v and zero volts. Grid leak, maybe 100K to 1 megohm.

Fourth method is to have the triode serve as a regenerative receiver. This was king until the 1930's. You hook up the tube as an r.f. amplifier in the grid, but take the plate lead out of the tube, and wind it into a link and bring it near the input tuner circuit. The lead then bypasses to ground, and goes to the headphones or output transformer. You adjust the link coupling (a turn or two is usually enough) until the set oscillates. If it don't, reverse connections to the link and try again. Adjust bias and a few other parameters if needed. Not hard.

Many people wound fixed links and put a rheostat across it to adjust the regeneration.

Anyway, the most sensitive spot for regeneration is just where the tube fails to oscillate. At this setting it will receive AM signals just fine, with worldwide sensitivity on the short wave bands. As it just breaks into oscillation, it acts like its own BFO and you can hear morse CW signals just fine.

You can even send a weak signal for a few miles.....adjust the set for oscillation and key the antenna or power supply lead and a signal goes out. Not too elegant, but....

The regeneration of the detector raises the Q factor of the tuner to such a degree that selectivity is greatly enhanced. This type of set was used not only for receiving a.m. broadcast stations, but was a standard for radio hams and shortwave buffs for decades. In point of fact, it works fairly well today in uncrowded bands, like daytime 75 meters, etc. The set is able to receive SSB, but it is too touchy to really tune such signals in well, so it is usually best for c.w. and a.m.

All the sets with tubes shown above could have extra tuners, as explained, and they could also have r.f. amplifiers between each tuner, feedeing a grid leak or regenerative detector. The r.f. amp to grid leak detector is called a T.R.F receiver, or tuned radio frequency receiver. Usually one or two r.f. stages were used, but three or four were not unheard of. With double tuners at each point, you could have 8 to 10 tuners in the circuit, although 6 was more common. They were gang tuned by ganged capacitors. These sets, to about 2,000 kHz are as sensitive or selective as the typical superhets. They are hard to align properly, however, and technicians hated them for that.

Instead of a grid leak detector, you could feed a regenerative detector so you don't send a weak signal over town as you tune around. In many countries this became mandatory. In world war II, the resistance used many a set without an r.f. amp, and the Germans would find the weak signal from the receiver, direction find on it, and send the guys up the chimney! The r.f stage is usually just one, as the detector is sensitive enough. Usually the r.f. stage has variable gain, makes for a much more stable detector too as the antenna swaying in the breeze does not detune the set. Howver the r.f. amp--detector regen set was not as popular as the one tube detector only wonder! With an r.f. stage, a gain of one is okay, but a bit more can be used to get more volume out of the set. Extra tuners are not needed, just two. One for the antenna and one for the place between r.f. amp and detector. Remember the regen detector adds tremendous selectivity.

Other uses of tubes were as audio amps following the detector or r.f. amp--detector. They could give ample volume on headsets with one stage, or with two or three stages would drive a loudspeaker.

An old set with push pull audio tubes, like the ubiquitous 201 driving an electromagnetic speaker sounded (and still does) just beautiful. This speaker had a electromagnet instead of a permanent magnet. The radio power supply used the coil electromagnet as the d.c. power supply filter choke, saving one component there. Most of these speakers were 12 to 18 inches in diameter, and the coils and voice coils maybe 4 to 6 inches in diameter! Heavy, and like I said, beautiful sounding. If you get your hands on one of these radios, and the speaker is all torn up, have it rebuilt. An old 1920's radio, particularly one with some shortwave on it, is worth easily $1000 to $5000 and up, so having the speaker rebuilt for $200 or so is not out of line.

Last is the superregenerative detector. It is similar to the regen detector, but the set ALSO oscillates at a supersonic "quench" frequency, like 50 to 200 kHz. You can't hear this on the headphones, but its there. The idea is that the regen detector is allowed to go into oscillation, the quench is turned on which destroys the oscillation. This means that the regeneration can be turned up even more and more, and the detector is the more sensitive. The disadvantages are it is a.m. only (but works with wideband FM too). CW cannot be copied. You normally will find such circuits with fixed r.f. regeneration already set pretty high, and not adjustable. The super regeneration quench control is a rheostat on the panel, although can also be built fixed. If variable, you listen to the set and adjust the thing until you hear a distinct "plop", and there you are. Most sensitive spot. This detector is mjch more sensitive than the regen, but nowhere as selective. One built for 6 or 2 meters pretty well picks up all or half the band! You could use cavity tuners and improve on things. Or put r.f. amps in front.

The effect in town is the same, a weak warbly hissy thing being transmitted. The vast majority were built for the old 5-meter and 2.5 meter ham bands. By ingenious circuitry, the same tube could also act as a VHF oscillator for transmitting. With the addition of a carbon mike, headphones or even as a combined telephone handset, you had a one tube, battery operated VHF transceiver. It is not very useful today due to crowded bands, but in the 1930's and early 1940's into the late 1950's these sets were common. Once taken out of home stations because of QRM, they worked fine in camping trips, etc. The battery operated 1L4, 1U4 etc type tubes, or the 6-volt acorn tube would work fine on 56 or 50, 112 or 144 bands, and the 220 and 400 or 440 bands. Power output is about half a watt, the grid modulated oscillator sounding sort of awful, but understandable. Heh heh. One of these would talk all over town and then some, with a high halo or dipole antenna, fed with twin lead or twisted zip cord wire for feed line.

Many hundred to 500 mile qso's were made using the superregen receiver and a high power separate transmitter, typically

10 to 50 watts before WW-II, and up to 1 kilowatt after 1946,
all modulated oscillators.... Tuned lines of parallel copper
pipes were the norm for 2 meters and up for tuned circuits for
receiver and transmitter both.

Most of this info can be found in the ARRL handbook, or perhaps
in DeSoto's "200 meters and down" book. Many old books of the
1920's and 1930's, even non-ham or even non-radio books will
have articles once in a while, as building back then was very
common. In 1925, getting a nice TRF or RF-REGEN receiver, with
loudspeaker etc might cost $100 to $200. Imagine what that is
in today's money! Many people worked in those days for $1 to $3
a DAY. Of course,there was no income tax, so it was not too bad
from that angle. Nowadays, we have a crazy system that decrees
the harder you work, and the smarter you are at making ends meet,
the MORE they tax you! Then, they give the money to some shiftless
woman that WON'T work! Go figure.

Have fun.
--
In order to foil SpamBots, my e-mail address is not
machine readable. Please reply to address below:

Ramon Gandia, Nome, Alaska | rfg.at.nome.dot.net
AL7X S/V Seven Stars |
907-443-2437 fax 907-443-2487 | where at=@ dot=period

5327. Re: ���� ����� ��� �� ����...�� ������...OK !!! ����

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: jsm@n4vu.Atl.GA.US
Message-ID: <DzF5Mp.JEz@n4vu.Atl.GA.US>
Source record: 214624
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.snowmobiles,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketplace.vinyl,rec.music.makers.guitar.acoustic,rec.music.dylan,rec.music.artists.kiss,rec.motorcycles.dirt,rec.models.rockets,rec.games.video.classic,rec.games.video.advocacy,rec.games.roguelike.nethack,rec.games.frp.misc,rec.crafts.textiles.quilting,rec.crafts.metalworking,rec.collecting.dolls,rec.collecting.coins,rec.boats.paddle,rec.boats,rec.bicycles.racing,rec.bicycles.misc,rec.autos.makers.honda,rec.arts.sf.movies,rec.arts.movies.past-films,rec.arts.marching.drumcorps,rec.arts.bodyart,rec.aquaria.marine.reefs,rec.antiques.radio+phono

Levi Boldt (boldtlev@pilot.msu.edu) wrote:
: Is anybody else getting sick and tired of seeing these ads for
: pyramid-scheme "fundraisers?" Anything we can do to make them shut up?

Actually Levi, what we're REALLY getting sick of is people re-posting
the WHOLE BLEEDIN' MESSAGE just to make a two line comment as you did.
--
John Miller, N4VU Linux! My employer pays me well for my opinions,
jsm@mindspring.com and I'll be darned if I'll let any
Fayetteville, GA DoD #1942 of the good ones escape onto the net!

5328. Re: Not a wonderful life, no life.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: "Thomas J. Penton" <afn45350@afn.org>
Message-ID: <Pine.A32.3.95.961017085714.49171B-100000@freenet4.afn.org>
Source record: 214625

On Wed, 16 Oct 1996, Burt Fisher wrote:

> Peter Lemken wrote:
>
> > Oh, you mean you post to the sex groups anonymously?
>
> That may be your way, not mine.
> Do you like the sex groups?
> Too bad you missed the holocaust

Burt that last statement about the holocaust is way over the line even for you.

Thomas J. Penton
afn45350@afn.org
I am a stranger in a
even stranger land

5329. Re: áåàå ìòùåú ëñó ÷ì åîäø...ø÷ éùøàìéí...OK !!! ðúøää

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: "Kevin Rhodes, P.E." <kevrhods@ix.netcom.com>
Message-ID: <3266515C.7183@ix.netcom.com>
Source record: 214626
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.snowmobiles,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketplace.vinyl,rec.music.makers.guitar.acoustic,rec.music.dylan,rec.music.artists.kiss,rec.motorcycles.dirt,rec.models.rockets,rec.games.video.classic,rec.games.video.advocacy,rec.games.roguelike.nethack,rec.games.frp.misc,rec.crafts.textiles.quilting,rec.crafts.metalworking,rec.collecting.dolls,rec.collecting.coins,rec.boats.paddle,rec.boats,rec.bicycles.racing,rec.bicycles.misc,rec.autos.makers.honda,rec.arts.sf.movies,rec.arts.movies.past-films,rec.arts.marching.drumcorps,rec.arts.bodyart,rec.aquaria.marine.reefs,rec.antiques.radio+phono

Levi Boldt wrote:
>
> Is anybody else getting sick and tired of seeing these ads for
> pyramid-scheme "fundraisers?" Anything we can do to make them shut up?
>
> mot@inter.net.il wrote:
> >
> > Newsgroups: alt.sex.stories.d
> > Date: Tue, 17 Sep 96 23:43:02 PDT
> > From: mot@inter.net.il
> > Subject: mONEY aND fAST !!!! $$$$ WANNA MAKE MONEY WITH ACTUALLY ALMOST NO COST..UPTO 50,000$$$
> > X-Newsreader: NEWTNews & Chameleon -- TCP/IP for MS Windows from NetManage
> > MIME-Version: 1.0
> > Content-Type: TEXT/PLAIN; charset=US-ASCII
> >
> > Path: news.NetVision.net.il!news-dc.gsl.net!news.gsl.net!news-peer.gsl.net!news.gsl.net!www.nntp.primenet.com!nntp.primenet.com!news.cais.net!news.us.net!use
> > From: "S.T.O." <sto@us.net>
> > Newsgroups: alt.sex.spanking,alt.sex.stories,alt.sex.stories.d,alt.sex.strip-clubs,alt.sex.voyeurism,alt.sex.wanted,alt.sex.wizards,alt.sexual.abuse.recovery> > Subject: Make Money The Fastest way (90 days)!!!
> > Date: 10 Sep 1996 00:32:32 GMT
> > Organization: US Net, Incorporated
> > Lines: 133
> > Message-ID: <01bb9ead$99a24520$4870f0c6@tower>
> > NNTP-Posting-Host: endc3.laurel.us.net
> > X-Newsreader: Microsoft Internet News 4.70.1155
> > Xref: news.NetVision.net.il alt.sex.spanking:17373 alt.sex.stories:40816 alt.sex.stories.d:4310 alt.sex.strip-clubs:17986 alt.sex.voyeurism:16836 alt.sex.wan
> >
> > I actually read an article in Newsweek that this type of thing is true and
> > legitimate! I figure it's worth a try!
> >
> > M. Hache wrote:
> >
> > Everyone seems to be making money on the net these days. If you are

> > reading this I assume that you have decided that it's your turn. The
> > opportunity that will be described here is a PROVEN MONEY MAKER and
> > it's perfectly LEGITIMATE AND LEGAL. So if you are ready to make some
> > money read on, you have everything to gain..... Save this article to
> > a file on your hard drive because you will need it later.
> >
> > I came accross this opportunity in one of the news groups. I read the
> > article that was posted (very similar to this one) and thought that
> > it sounded too easy. There had to be a catch. I checked with a friend
> > of mine who happens to be an attorney and she assured me that it was
> > perfectly legal with no catch as long as I followed the rules which
> > are spelled out below.
> >
> > It will cost you five dollars to try this out but believe me you will
> > make it back 100 fold. Just for the sake of saying it, you will not
> > be sending the five dollars to me. Honesty is a must for this to
> > work so follow the rules to the letter and in a few weeks you will
> > be amazed at the results. I sure was.
> >
> > These are the rules:
> >
> > 1) Take five sheets of paper and write the following on each one:
> > 'Please add my name to your list' include your name or the name
> > of your business and your mailing address. In this way you are
> > asking the person who receives the sheet of paper to perform a
> > service for you which will be explained as we go through the rules.
> >
> > 2) Now take each sheet that you prepared above and fold it around a
> > one dollar bill (Please use U.S. currancy). Do not send checks or
> > money orders. In this way you are paying for the service you
> > have asked them to perform from step one. By folding the paper
> > around the dollar bill you will insure its arrival at the intended
> > destination.
> >
> > 3) Take each of the requests for service along with the one dollar
> > payment for the service, place them in five envelopes, and send
> > them to the five people listed below.
> >
> > 4) Read this step carefully. Remove the first name from the list
> > of five names below. The name in position 1. Move the other
> > four names up one position so that the name in position 2 is
> > now in position 1, the name in position 3 is now in position 2,
> > and so on. Place your name and address in position 5 (the last
> > position on the list). When doing this do not use a word processor.
> > You must leave this article as a straight MS-DOS text file so
> > anyone recieving it can read it.
> >
> > 5) Now upload the updated file with your name in position 5 to as many
> > news groups, and bulliten board message areas as possible. Give it
> > a catchy description like "NEED CASH....FAST ??" or "PAY OFF YOUR DEBTS

> > IN 90 DAYS", or "NEED CASH FOR THE HOLIDAYS ??", etc. The more
> > uploads you make the more money you will earn.
> >
> > 6) This is another VERY IMPORTANT STEP. When someone sends you a dollar
> > requesting that you add thier name to your list you must perform
> > the service requested. All you need to do is save all the sheets
> > of paper requesting to be added to your list in a folder (your list).
> >
> > 7) What do you do with your list? As time allows take the names and add
> > them to the list below 2 or 3 at a time to the bottom most positions
> > like 3, 4, and 5. Put yourself in position 2 or 3 and upload that
> > article. In that way we all multiply the number of times our name
> > appears and we perform a legitimate service. Be sure to continue to
> > post the original updated article as well with the names as they
> > appear below and your name in position 5.
> >
> > If you need help uploading just ask someone in one of the news groups or
> > the sysop of the bullitin board and they will explain how it's done.
> >
> > You can expect to see a little money start to trickle in at around 2
> > weeks, but around weeks 3 and 4 WOW!!
> >
> > 8) When the 'money storm' hits your mailbox go pay off your bills and
> > debts, and then go get that something special that you've always
> > wanted, or for your love ones.
> >
> > HERE IS THE LIST OF NAMES:
> > Position 1: Amir
> > 8 Hanurit Street
> > P.O.Box 154
> > Kochav-Yair 44864
> > Israel
> >
> > Position 2: Richard Fitzgibbons
> > 913 Maple Lane
> > Lebanon, PA 17046
> > U.S.A.
> >
> > Position 3: G. S. Interprises
> > P.O. Box 570
> > Fairmont, MN 56031
> > U.S.A.
> >
> > Position 4: Michael 001
> > 11-9, Ross Ade Dr.
> > West Lafayette, IN 47906
> > U.S.A.
> >
> > Position 5: Yoav Kessler
> > Yehouda Halevi 25 St.

> > Herzelia 46490
> > Israel
> >
> > HONESTY is what makes this work so do send the request for service and
> > the one dollar payment for that service to the five people on the list.
> > I invested the five dollars and it payed off big time because now the
> > five people I sent to are all helping me get this posted with my name
> > on their lists. If we all play fair the results will speak for themselves.
> >
> > Set some kind of a goal like 15 or 20 posts or more every couple of days.
> > Make sure it's a goal you can achieve. One last thought, keep track of
> > how much you make because you will need to report it as income for tax
> > purposes.
> >
> > Just for fun you might also include on the sheets of paper the position
> > that person was in when you got this article,
> >
> > You might want to keep this letter in a secure place, so that you can use
> > it
> > again sometime in the future.
> > Sit back and start enjoying your life. Life is short, play hard!!!
> >
> > [Versions]
> > UserVersion=1
> >
> > [NewtNews]
> > EditFont=Fixedsys, 15, 8, 400, 177, 1, 2, 2, 49, 0
> > PageSetup=0.500000 1.000000 0.500000 1.000000 I
> > CheckInterval=3600
> > DownloadTime=-29536
> > Showallarticles=0
> > SmartButtons=0
> > ShowToolbar=1
> > AskFetchThreshold=250
> > ShowStatusbar=1
> > DisplayThreads=1
> > CheckForNewMsgs=0
> > CheckForNewGroups=1
> > HideEmptyGroups=0
> > InsertOriginal=1
> > NumGroupCols=20
> > GroupColSort=0 1 4 5 3 8 6 7 9 10 11 12 13 14 15 16 17 18 19 2
> > GroupColSizes=56 56 56 56 56 56 56 56 56 56 56 56 56 56 56 56 56 56 56 56
> > NumArtCols=20
> > ArtColSort=0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
> > ArtColSizes=56 56 339 56 56 56 56 56 56 56 56 56 56 56 56 56 56 56 56 56
> > VisibleHeaders=1 1 0 1 0 0
> > HeaderPositions=1 2 -1 0 -1 -1
> > SortColumn=0
> > SortOrder=0

> > GroupSortColumn=0
> > GroupSortOrder=0
> > MainGeometry=198 133 378 619
> > ReadGeometry=48 48 450 610
> > ComposeGeometry=153 73 553 573
> > OpenLogAtStartup=0
> > LastNewGroups=3265e816
> > NewsGroups=C:\NETMANAG\news\nardimon\groups1.nws
> > LocalGroupFile=C:\NETMANAG\news\nardimon\local5.nws
> > Subscribed=C:\NETMANAG\news\nardimon\subscr5.nws
> > NNTPServer=news.netvision.net.il
> > DefaultFrom=mot@inter.net.il
> >
> > [ComposeWindow]
> > WidthInChars=80
> >
> > [ReadWindow]
> > ShowFullHeader=0
> >
> > [LOG]
> > Log to Window=1
> > Log to File=0
> > Log File=
> > Log Options=1,1,1,1,1,1,1
> >
> > [Colors]
> > MainWindow=ff000000 ff000000
> > ComposeText=ff000000 ff000000
> > ReadText=ff000000 ff000000
>
> --
>
> Levi Boldt
> '94 Coachmen, '95-'96 Colts
> http://www.msu.edu/user/boldtlev

Forward the message to the postmaster at the offending ISP originator.
You can even write a message, though I don't think it's necessary. They
should get the picture.

Kevin

5330. Re: Can Amatuer Radio survive ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: horak@convex.com
Message-ID: <545ea3$sau@eugene.convex.com>
Source record: 214627

In <32661260.246D@mail.mei.com> Kevin Jessup <kevin.jessup@mail.mei.com> writes:

>We needed many hams utilizing these bands on a daily basis using such
>methods if we were to keep them. Instead, expect the FCC to take away
>even more amateur access to 900 MHz and up. These frequencies are
>dropping like flies.

In a August 27, 1996 copyrighted newsletter from the Dole/Kemp campaign,
their intent to pay for the $548 billion tax cut includes, quote,

"Fifth, $34 billion will be raised by acutioning part of the radio
spectrum to broadcasters (about the same as the Clinton administration
expects to raise from this auction.)"

So, it looks like our Rep/Demo friends in Washington have plans for
the spectrum and I doubt our interests will prevail against "revenue".

Anyone know more details on this auctioning plan?

David

5331. Re: Code or No Code...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: Jim Conn <jconn@gte.net>
Message-ID: <32665D7D.1381@gte.net>
Source record: 214628

Carl Stevenson wrote:
>
> Why don't you just go run a nice warm bath, climb in, and slit your
> wrists???? You'd accomplish the same thing .... a bled-out, do
> nothing, no-hope, no future, future ... without having to wait
> around ...
>
> Carl - wa6vse
> carl@ais.net

Recently I unsubscribed to rec.amateur.radio.policy because I saw the rhetoric of certain members of the close-minded anti-code-test faction was becoming more and more enraged. Not wishing to push anyone to more violent behavior by the logic of my arguments, I unsubscribed to the rec.amateur.radio.policy group. In parting, I stated that I believed that certain of the antis (short for anti-code-testing) were in danger of substituting violence for logic. Of course, Mr. Stevenson stepped forward to deny this, and I quote:

"Yeah, those pro-code guys are always SO objective ... never once was there anything in any of the no-code advocate's statements that even remotely hinted at any sort of violence ..."

Contrast the denial with the Kevorkian type post above and you will see the truth of my statement, and just how rabid this man becomes when politely asked to provide proof to substantiate his wild assertions.

73,
Jim - AD4VL

5332. Re: ���� ����� ��� �� ����...�� ������...OK !!! ����

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: Craig Alberts <motoman_1@msn.com>
Message-ID: <32663222.15FF@msn.com>
Source record: 214629
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.snowmobiles,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketplace.vinyl,rec.music.makers.guitar.acoustic,rec.music.dylan,rec.music.artists.kiss,rec.motorcycles.dirt,rec.models.rockets,rec.games.video.classic,rec.games.video.advocacy,rec.games.roguelike.nethack,rec.games.frp.misc,rec.crafts.textiles.quilt

If you have a bike, I hope it seizes at about 70 mph the next time you
ride it!

5333. Re: ** FLEA at MIT ** Sunday 20 October Cambridge MA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: cvp@bu.edu
Message-ID: <545gd1$145@news.bu.edu>
Source record: 214630
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,sci.electronics.misc,ne.forsale,ne.general,rec.radio.amateur.homebrew

One thing to keep in mind at flea markets if you're shopping for electronics:

If you are at Mom & Pop's Flea Market and something doesn't work, you're better off buying it because chances are it's just a blown fuse or something easy.

If you are at the MIT Flea Market, assume that the sellers know a fair bit about electronics and it REALLY doesn't work. Then you buy it for parts. (Granted, if you can't test it and they don't indicate its' condition then you're stuck).

It's all a gamble and sometimes you come out a winner and sometimes you're stuck with another electic gizmo to gather dust in the workshop until your wife makes you clean it up and finally throw it away. (And don't accuse me of sexism... I am the daughter of a collector from hell and the wife-to-be of a physicist with a weakness for useless gadgets that don't work. SOMEBODY has to "encourage" the removal of gadgets... so there's room for new ones!)

:) Chris

5334. Re: áåàå ìòùåú ëñó ÷ì åîäø...ø÷ éùøàìéí...OK !!! ðúøàä

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: T-Bone <twalker@rof.net>
Message-ID: <326635E1.3C8A@rof.net>
Source record: 214631
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.snowmobiles,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketplace.vinyl,rec.music.makers.guitar.acoustic,rec.music.dylan,rec.music.artists.kiss,rec.motorcycles.dirt,rec.models.rockets,rec.games.video.classic,rec.games.video.advocacy,rec.games.roguelike.nethack,rec.games.frp.misc,rec.crafts.textiles.quilting,rec.crafts.metalworking,rec.collecting.dolls,rec.collecting.coins,rec.boats.paddle,rec.boats,rec.bicycles.racing,rec.bicycles.misc,rec.autos.makers.honda,rec.arts.sf.movies,rec.arts.movies.past-films,rec.arts.marching.drumcorps,rec.arts.bodyart,rec.aquaria.marine.reefs,rec.antiques.radio+phono

> Levi Boldt wrote:
> >
> > Is anybody else getting sick and tired of seeing these ads for
> > pyramid-scheme "fundraisers?" Anything we can do to make them shut up?

Hunt them down and kill them.

TimW

5335. Re: ** FLEA at MIT ** Sunday 20 October Cambridge MA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: x@apocalypse.org
Message-ID: <545jcj$c8i@asylum.apocalypse.org>
Source record: 214632
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,sci.electronics.misc,ne.forsale,ne.general,rec.radio.amateur.homebrew

In article <545g90$qdm@izzy4.izzy.net>, Tim Hynde <mlc@izzy.net> wrote:
>
>>
>> I didn't plan to do anything; but I'm sure that if you thought about it
>> just a *little* bit harder, you could imagine how such a policy could
>> be implemented.
>>
>> - Xochi
>
>Well, in your previous post you said:
>
>"I'd like to see the dealers at the MIT flea market be held to this sort of
>policy. If people don't have ethical standards, I say *impose* some on
>them."
>
>a.) Since your clearly reccomending that we *impose* ethical standards on
>the MIT flea market vendors, The question of how you planned to do it would
>certainly be in order.

You mean how they (the people who sell dealer space) might do it.
Quite frankly, I no longer give a rats ass what they do. Can we drop
this?

- X

--
| Xochi Zen "I would rather be a transformed ape than a |
| x@apocalypse.org degenerate son of Adam." - Pierre-Paul Broca |
<--->

5336. Re: CW Forever

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct17.141135.2749@ke4zv.atl.ga.us>
Source record: 214633

In article <326288E8.98A@gte.net> Jim Conn <jconn@gte.net> writes:
>Carl Stevenson wrote:
>>
>> Virtually ANYTHING is more effective than OOK Morse code ... I have
>> posted to that effect, so have Gary, Cecil, Len, and numerous others
>
>What a ridiculous statement! I don't care how many people post it, your
>statement is patently ridiculous, and flies in the face of the experience
>of those of us who consistently work DX using CW, when SSB is not getting
>through because of poor band conditions! What a crock!

What is a crock is that you can only come up with SSB as an alternative to CW. All that demonstrates is that your experience is limited to antiquated and inefficient weak signal methods.

Two systems commercially available to amateurs, Clover and PACTOR II, are far better than CW under hostile conditions. PACTOR II will work at a CNR of -18 db. You can't hear that. To the ear, all you'd hear is noise. But PACTOR II busily prints out error free text at that signal level. The military has systems that can work with a CNR of less than -40 db. It is the rare CW operator who can maintain 20 WPM at even +10 db CNR. So these systems are 28 to 50 db better than what CW operators can manage.

And that's just the tip of the iceberg. Amateurs have been lagging in this area. The military has systems far better than either Clover or PACTOR II, and there are systems developed by Lowfers which are better too. 20 years ago, NASA started using systems which are better than either Clover or PACTOR II. These methods are neither new nor exotic.

You make Carl's points for him by being ignorant of these methods. And worse, by lashing out in your ignorance, you demonstrate that you are not even interested in finding out about them. As Carl has charged, you live in a time warp, and want to stay there. Well, it is said that ignorance is bliss, so you must be very happy.

Gary
--
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Lawrenceville, GA 30244 | |

5337. FS:12V Power Plug:Kenwood,Icom,....

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: n2cjj@ibm.net
Message-ID: <545m0e$21i0$2@news-s01.ny.us.ibm.net>
Source record: 214634

I have found a source for those DC power cord plugs. The ones I've got
have 6 pins, male plastic with metal female (barbed) inserts.

The plug fits most 12VDC HF radios:
Icom 720, 735, 706.. and alike, newer Yaesu models and Alinco DX70.
Kenwood-TS120, 130, 140..430, 440, 450..850,..TS50,60, 660, 670...and
alike.

Make your own power cord yourself, YOUR WAY!
Crimp or solder, long or short, heavy gauge wire, purple with
polka-dots...

I'm offering the 6 position plug with 6 inserts for $4 each,
or a deal 3 for $10. All prices include postage in the US.

To order, kindly send a check to:

R. Langston
286 Hudson Street
Cornwall-on-Hudson, N.Y. 12520

You can also email me for info at: n2cjj@ibm.net

It's a great deal if you use one rig at home, in the car and at work
and
are stuck dragging one power cord all over....

I still can't believe AES, HRO and others get $30 for a power cord.
HiHi!

5338. Re: Info about direct AM demodulation wanted

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct17.153506.3094@ke4zv.atl.ga.us>
Source record: 214635

In article <sschmitt.9.3263B895@ge-serveur.insa-lyon.fr> sschmitt@ge-serveur.insa-lyon.fr (Sebastien SCHMITT) writes:
>Hello!
>
>I am interested in direct AM demodulation (without IF).
>Has anybody experience with it?
>Any advice or suggestion of book would be welcome.

There are a couple of ways to do this. The less satisfactory method is called TRF. This uses gang tuned selective RF amplifiers to select the desired signal followed by ordinary diode detection and AF amplification. Many of the earliest AM receivers worked this way. At VLF and LF, it can still be a practical way to build an AM receiver. At MF and HF, it becomes difficult to achieve sufficient selectivity and stability for this approach to be satisfactory, though some modern components make this easier than it once was.

A better method is called synchrodyne reception. An advanced varient of this technique is called an I/Q receiver. A local oscillator, phase locked to the incoming carrier, is used with a pair of balanced modulators to recover the original audio modulation from the signal as I and Q phase quadrature components. These are combined to reconstruct the original audio modulation. If implemented properly, this method is very robust in the face of noise, fading, and interference, and is the best method of AM reception.

The I/Q technique is very powerful, and can be used to demodulate other modulation forms beyond AM. It can work as a method of single signal reception for SSB or CW, and it can handle FSK, PSK, and other M-ary modulations as well. Several of these have properties which are much more robust than plain AM.

A simple somewhat synchrodyne-like receiver is called a direct conversion receiver. In this design, the local oscillator is not phase locked to the incoming signal, so very careful tuning is required to get acceptable audio recovery from an AM signal, and frequent retuning may be required to maintain it.

Qnly a single balanced modulator is used for detection. This gives 6 db less gaussian noise rejection than the better method, and also doesn't offer single signal reception for SSB or CW in the face of interference

signals on the opposite sideband, nor does it allow
direct demodulation of FSK, PSK, or other M-ary
modulations.

On the plus side, a direct conversion receiver is simpler
than a fully synchronous receiver since it doesn't have a
coherent phase locked local oscillator, and it lacks the
second balanced modulator and phasing networks needed to
process I and Q. This simplicity comes at a cost in performance
and flexibility, of course. A direct conversion receiver is
usually not very satisfactory for AM, because without
synchronous lock, the AM sidebands recombine with incorrect
relative phase, and harsh distortion products are generated.
The DC receiver does work fairly well for SSB and CW reception
on uncrowded bands, however, since they don't require recovery
and recombination of two symmetrical sidebands.

For AM-only reception, I recomend either the TRF or the
fully synchrodyne design if you don't want to use the
superhetrodyne technique. Both of them can offer greater
fidelity than the superhetrodyne method, and I/Q technique
offers several other advantages besides.

Gary
--
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Lawrenceville, GA 30244 | |

5339. A TELNET DX-Oriented Prg: The Global DXCluster

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: vmi@vmi.it
Message-ID: <545nj4$1el@qualcuno.nettuno.it>
Source record: 214636

Hi dear OMs and TNX for reading my msg.

Recently, I see that many OMs (me included),
access DXclusters via Telnet with dialup line.
This is great indeed but common telnet applications,
obviously, were not designed for us but fore more general
purposes.

I'm currently developing a DX-Oriented Telnet application for
Windows and Winsock 1.1 compatible TCP stack.
My targets are:
-A split tx window with recall of sent lines (*)
-A keepalive feature to avoid timeouts (*)
-A Copy/Paste feature allowing to send large messages
or bulletins in one shot (*)
-A data link to DXHUNTER which is an application that
performs alerts on New Ones (*).
-A DX-Spot window where to collect the last DX-spots
-A Talk window where to place incoming talks apart
-Automatic connection/reconnection (in case of accidental
disconnections) to the selected cluster via an unlimited
number of intermediate nodes
-An automatic talk reply function that automatically answers
to incoming talks when NOHERE.

Note that the function marked with (*) have already been
implemented and work perfectly in my tests.

This application will allow you to get the best from one
(or more simultaneous) connection to a DXCluster,
with continuous connection monitoring and resume in case
of disconnection.
In a few words: the Global DX Cluster.
(in the last tests I connected simultaneously to 10 different
clusters all over the world without problems).

You might find this not so useful because it requires at
least a dialup line and an Internet subscription, or just
because you use TNC+radio to reach your local cluster;
but I believe that the DX-Telnet could be a good idea also
for rare cases (such as contests) when you may desire to
have a clean, quick and strong connection to the cluster,
avoiding traffic delays and disconnections.

Please let me know if you're interested in such a project:
I want a direct feedback from you, with new ideas and

opinions.
If I get encouraged, i'll make further developments to
the "DX-Telnet" and maybe will make your DX-life a little
bit happier and easier!

73 & GD DX de Fab

Please send your comments to Fabrizio Sartoni (IK4VYX):
IK4VYX@I4UJB.IEMR.ITA.EU (radio BBS)
or vmi@vmi.it (Internet E-mail)

5340. Re: ���� ������ ��� �� ����...�� ��������...OK !!! ������

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: Michael Noyes <mnoyes@ix.netcom.com>
Message-ID: <326665CD.480C@ix.netcom.com>
Source record: 214637
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.snowmobiles,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketplace.vinyl,rec.music.makers.guitar.acoustic,rec.music.dylan,rec.music.artists.kiss,rec.motorcycles.dirt,rec.models.rockets,rec.games.video.classic,rec.games.video.advocacy,rec.games.roguelike.nethack,rec.games.frp.misc,rec.crafts.textiles.quilt

One thing is for sure. The originator of the post will never see
our comments here. If he actually READ all of the newsgroups he is
subscribed to he'd never catch up!

Mike

5341. Re: 'Nother Pro-code Luddite

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct17.155728.3263@ke4zv.atl.ga.us>
Source record: 214638
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <3264F50B.79C4@liant.com> barron@liant.com writes:
>Carl Stevenson wrote:
>> There's nothing wrong with "wires in the tree" ... but they should be
>> considered (at least partly) to be part of a WAN, not an isolated voice
>> in the ether ...
>
>I'm sure that you do not mean to imply this Carl but it almost sounds
>like you advocate the removal of all modes of communication except
>computer. Packet is one of my favorite modes and I am working to get
>higher speed packet here is Austin but I would never make a claim that
>other modes (SSB, FM and even CW) are somehow worthless and should be
>done away with. To me, they are *all* fun and each provides a learning
>experience as well.

I won't presume to speak for Carl (and we might not agree anyway),
but I think the WAN model is an appropriate way to think about how
we interact on our amateur bands. This goes beyond digital modulation
versus analog modulation and delves into areas amateurs infrequently
consider. The WAN model applies because we don't operate in isolation.
Everything we do affects others, and everything that they do affects
us. In the WAN model, we attempt to work together in ways that maximize
the utility of the WAN for *all* users, not just for our selfish
purposes. Though as part of the aggregate, we will ultimately benefit
as well.

This sort of thinking comes naturally to digital networkers, but is
somewhat foreign to analog operators. There are many cooperative
strategies used in WANs to maximize aggregate throughput. Few of these
are employed by amateurs operating analog modes, but many of them
should be. When we throw that wire in the tree, we should consider
that we are joining a worldwide WAN, and carefully consider the
impact of our operations on others. If we use the proper strategies,
our presence on the WAN will contribute to the aggregate throughput
in a positive manner. If we use improper strategies, we'll reduce
aggregate throughput, even if our own selfish purposes are served.

Gary
--
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Lawrenceville, GA 30244 | |

5342. Fwd: CAP Forbids use of amateur radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: emtp4355@aol.com
Message-ID: <545q57$fi7@newsbf02.news.aol.com>
Source record: 214639

Subject: CAP Forbids use of Amateur Radio?
From: Joe Giraudo <giraudo@sierra.net>
Date: Wed, 16 Oct 1996 14:34:44 -0700

The latest issue of World Radio includes an article in the Search and Rescue column that states that the Civil Air Patrol now forbids its members from using Amateur Radio for any CAP operations including Search and Rescue and Emergency operations.

This is supposedly outlined in the new Communication Regulations recently issued. Is this true?

Joseph K Murphy, EMT-P KF4KEK
emtp4355@aol.com EM75RW

Harriman, TN USA

5343. Re: ** FLEA at MIT ** Sunday 20 October Cambridge MA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: mlc@izzy.net
Message-ID: <545g90$qdm@izzy4.izzy.net>
Source record: 214640
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,sci.electronics.misc,ne.forsale,ne.general,rec.radio.amateur.homebrew

>In article <544do9$oe1@izzy4.izzy.net>, Tim Hynde <mlc@izzy.net> wrote:

>>I think the poster was refering to your call to *impose* morals on the
flea
>>market vendors, how exactly did you plan on *imposing* such values?
>>
>>Tim, ka8ddz |
>
>
> I didn't plan to do anything; but I'm sure that if you thought about it
> just a *little* bit harder, you could imagine how such a policy could
> be implemented.
>
> - Xochi

Well, in your previous post you said:

"I'd like to see the dealers at the MIT flea market be held to this sort of
policy. If people don't have ethical standards, I say *impose* some on
them."

a.) Since your clearly reccomending that we *impose* ethical standards on
the MIT flea market vendors, The question of how you planned to do it would
certainly be in order.

b.) I don't plan on thinking just a *little* bit harder about how we could
implement such a policy, it's an absurd thought to begin with.

Tim, ka8ddz

5344. Re: ���� ����� ��� �� ����...�� ������...OK !!! ����

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: glenn schultz <glenn@spacestar.net>
Message-ID: <01bbbc51$f40a28e0$7a93dccc@larry.spacestar.net>
Source record: 214641
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.snowmobiles,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketp

--
T-Bone <twalker@rof.net> wrote in article <326635E1.3C8A@rof.net>...
> > Levi Boldt wrote:
> > >
> > > Is anybody else getting sick and tired of seeing these ads for
> > > pyramid-scheme "fundraisers?" Anything we can do to make them shut
up?
>
> Hunt them down and kill them.
>
> TimW
>
Actually, send the Webmaster at the ISP of the poster a message. A nice,
calm message, asking them to have their client quit posting spam across
many NG's. Explain that the subject matter doesn't match the NG AND that
what the poster is doing is ILLEGAL! I did this on several occasions, and
each and every time, I got a response from the ISP stating that the client
has been notified and warned. This is the only way to put an end to these
type of messages.
--
Glenn Schultz
10X 68391
N0VYK

interNET ==>> glenn@spacestar.net
packetNET ==>> n0vyk@n0vyk.ampr.org

Check out the Ionospheric Protection League
Amateur and Antique Radio Homepage
==>> http://www.spacestar.net/users/glenn/index.html

5345. Re: Looking for transistor.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: thora@online.no
Message-ID: <545so8$cmi@o.online.no>
Source record: 214642

Doyle.Souders@nsc.com (Doyle Souders) wrote:

>I checked some of our cross references and I see an N-Channel JFET with
>the number J310. The JEDEC package type for this device is TO-92. A
>TO-92 is a small black plastic package that is flat on one side and
>with three inline leads. From the top the package looks like the
>letter D. This FET is listed as a RF, VHF, UHF amplifier device. If
>that package matches yours then this might be the device you are
>looking for and it should be listed in most cross reference catalogs
>under JFETs or FETs.
>Hope this helps.

Helllo Doyle.

Thanks very much for your information!

Could you please give me the pin-out for the transistor, so I can try
another one. I'm haven't been able to get this one.

If you have a replacment transistor in your reference book, please
send it to me.

best 73's LA2DAA Thor.

5346. Re: CW Forever

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: paul@moe.cyclades.com
Message-ID: <545u09$gmr1@ha2.rdc1.sfba.home.com>
Source record: 214643

KA4IKH (ekugrad@nando.net) wrote:

> CW is the gatekeeper of ham radio.

That may be true. It's quite good at keeping all of the engineers, computer enthusiasts, and "rocket scientists" out of the hobby.

Engineers that could be working on the "next big thing" in communications. People that can be working on our digital networks, getting them above the pitiful 1200 baud (or 300 baud on HF) that they are running at now. People that do more than litter their walls with 4x6 cards, and driving non-Americans off the band with endless "You're five by nine.. what was your call and name again?"...

> If we eliminate the CW requirements, you will soon be able to pick up
> a license at Wal-mart, along with the latest appliance operator
> special.

And what's the problem with "appliance operators"? Are every one of your rigs completely home-built? I doubt it. I don't know about you, but I could design and build a radio with all of the features in the standard "appliance" rig, but it would not be nearly as small, and would probably cost more to build than to buy.

As for being an effective gateway.. simply look at 20m. Every legal US op on that band has passed at least a 13 wpm code test, and it's far worse than anything else I've heard.. including CB.

Maybe Wayne is right... CW does rot the brain.

> CW FOREVER!

Don't you mean "SPARK FOREVER"? All of your arguments are old rehashes from that argument.

Before you go running and looking up my call, I was licensed KA3HPO in 1981, and upgraded to (full element 3) Tech N3EOP in 1985. I support the movement to drop the General code requirement to 5 WPM, and eliminate the "coded-Tech" classification. I have passed the 4A and 4B sections, but the only reason I would even consider getting my Extra is to shut up those people that claim that I want a "free ride" into the HF bands. What good is a free ride if it doesn't go anywhere you want to go?

de N3EOP/6

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+--+

```
| Technical Support Engineer, Cyclades Corporation |
| 800/88-CYCLADES (882-9252) or (510)770-9727, x258 |
| Maker of High Performance Multiport Serial Cards |
| Unsolicited mail ads subject to a $25 handling fee |
+--------------------------------------------------+
```

5347. Re: CVI

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: paul@moe.cyclades.com
Message-ID: <545v8d$gmr2@ha2.rdc1.sfba.home.com>
Source record: 214644

Bill Horne (bhorne@lynx.dac.neu.edu) wrote:

: Well, technically, you probably can't. As best I remember (CATV guys
: help me out here), the frequencies used by cable tv are:
:
: 82-88 ch. 6
: 88-108 FM radio (untouched)
: 108-118 Aircraft aids to navigation (Noone dares to touch!)
: 118-124 ch 14

Not exactly true. 88-118 MHz is used by cable; they are designated
as "A-1" to "A-5". (Took me a while to realize that's A MINUS ONE
instead of A DASH ONE.) (Channel 14 is officially called "A".)

Specifically, many cable companies use those channels for pay per
view or other addressable/scrambled signals. A-1, at 112-118 MHz,
is very common, and receivable on most cable boxes as channel 99.

5348. Re: HF Amateur Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct17.165713.3574@ke4zv.atl.ga.us>
Source record: 214645
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <3264FA82.6DA7@liant.com> barron@liant.com writes:
>Gary Coffman wrote:
>> Marconi established the fact in 1901 that trans-Atlantic contact
>> was possible, and quickly proceeded to make such contacts commercially
>> viable. By the start of WWI, radio was in widespread commercial use.
>> It was no longer a matter of whether contact was possible, but rather
>> of what could be done with it. Amateur stations were often the equal,
>> if not the superior, to commercial stations of the era. Amateurs
>> also demonstrated that contact was possible very early on, and
>> formed the American Radio *Relay* League to exploit those contacts
>> for the passage of real messages among themselves.
>
>OK, I think I misunderstood what you were trying to say. I thought you
>were
>trying to state that it was a well known fact that Amateurs as a group
>collectively decided that making contacts was old hat and that some more
>serious communicating needed to be done. I could not think of how you
>could come to that conclusion.

Many amateurs, collectively and individually, did come to such a conclusion
rather early on. There were others, however, who were still obsessed with
the mere fact of contact, and their spiritual descendants continue to be
so obsessed even to this day. They are figuratively caught in a time warp,
stuck repeating what their ancestors have already done, IE rubbing two
sticks together to make fire over and over just to see if it still works
the way it did yesterday and the day before that and the day before that
ad nauseam. This isn't all bad when it leads to better equipment designs
and better station installations, but it isn't all good either, for example
when it leads to the poor operating practices so often found among the Dx
and contest crowd.

>I think that Amateur and commerical stations were often on equal terms
>back
>then because the technology was so crude that it was realtively easy and
>inexpensive to build decent equipment (note I did not say it was
>inexpensive). I think the dollar ratio between state-of-the-art and
>affordable is much larger today than it was at the very beginning of
>radio. So I don't suspect Amateur Radio will be challenging the
>commercial
>services in all technological phases, even after the code test is
>dropped.

One of the major reasons amateur stations were often superior to
commercial stations was the Marconi (and others) patent battles.

Amateurs were using techniques the commercial stations couldn't use because they were hamstrung by legal wrangles. This is rather well documented in the histories of early radio. Amateurs were often one to several steps ahead of commercial practice because the lawyers didn't think that they were big enough fish to fry.

Even as late as the start of WWII, amateurs were often better equipped than commercial or military stations. Amateurs weren't always leading innovators, but they were certainly first adoptors with a vengence. Any time they became aware of a new circuit, whatever its source, they were adding it to their stations, regardless of any patent considerations. So they might have one circuit developed by commercial firm A tied to another circuit developed by commercial firm B driving a third circuit developed by commercial firm C. They weren't inhibited by legal restrictions to just ideas that they developed themselves.

That stopped to a large degree in the latter 1950s when amateurs became dependent on prebuilt equipment. The manufacturers of that equipment were also the suppliers to the commercial and military markets, and amateurs no longer quickly adopted new circuits and ideas but rather depended on the manufacturers to do it for them and deliver the same sorts of packaged solutions that they were delivering to commercial and military customers, but often in stripped down form due to the notorious cost sensitivity of amateurs.

>> >> Well, I was very involved with the Mexican earthquake communications.
>> >> I didn't hear much contest style operating (though unfortunately I
>> >> did hear some). The fellows who were best prepared for that were
>> >> traffic handlers who were well skilled in moving books of traffic
>> >> efficiently. (I say that as an old traffic handler.)
>> >
>> >What do you mean by contest-style operating?
>>
>> Total lack of communications discipline, pile ups, rude behavior,
>> a "me first" attitude, etc. Contests are about competition, but
>> emergency communications is about *cooperation*. That's why I
>> consider contesting so harmful. It fosters competition rather
>> than the cooperation and channel discipline needed for effective
>> passing of vital information.
>
>Cooperation? You can't count on that, contests or not. Being able to
>effectively communicate in a contest environment can help one become
>a better emergency operator, IMHO, because it builds up skills for
>operating in a less than perfect environment.

You think maybe that traffic handlers operate in a perfect environment?

>When I talk about
>contesting skills being applied to emergency operations, I'm not
>talking about a bunch of people trying to fight to become the

>net control station.

Neither am I. I'm talking about people following the net control
station's *instructions*. I'm talking about people whose first
impulse is *not* to form a pile up. I'm talking about people whose
first impulse is to aid *as necessary and instructed* other stations
to pass their traffic, but to otherwise keep their mouths shut and
their ears open.

>Rather I'm talking about operators who know how
>to exchange information under adverse conditions.

But of course they don't do that, or at least the information exchanged
is so minimal as to not matter. Dxers and contesters simply do not get
the practice passing *content* that is required for efficient emergency
communications.

>In an emergency situation you can't always count on good conditions or
>cooperative Amateurs sharing the band. Due to power outages the
>signal strength may be low, so being able to copy weak signals in
>adverse conditions can be of help. Pactor you say? Sure, that would
>work great and should be used when possible. But this is an
>emergency and that mode might not be available so having some other
>skills is a benefit.

One of the more important skills is knowing when and how to obtain
relay support so that you *don't* have to pass information at very
marginal levels. This is something the contester and Dxer never does,
but is a routine part of traffic handling in emergency and non-emergency
situations. Again, it is a matter of cooperation rather than competition.

>> Emergency communications revolves around getting everyone's
>> message content delivered promptly and accurately in a properly
>> prioritized manner. That requires tight channel discipline and
>> a willingness to cooperate rather than to compete. When is the
>> last time you heard a contest operator offer to relay the contact
>> information of another station? Not only would it not be allowed
>> under contest rules, but if it were it would hurt his own
>> competitive position. Yet that is exactly what a traffic handler
>> would automatically do.
>
>Yes, relaying exchange information is not allowed because the
>point is trying to make contact with the other station directly.
>Because of this there is encouragement to build better stations.

But direct contact is often the least efficient way to pass traffic
in emergencies. The primary skill of cooperation can mitigate poor
conditions or poor stations as noted above. Not that I'm advocating
that potential emergency operators should want to have poor stations,
but that their emergency operating skills can help them get around
that problem if it does exist.

>> As the twig is bent, so grows the tree. I would suggest that
>> it is very hard to switch mental gears and ignore contest
>> conditioned responses and adopt traffic handling responses
>> in an emergency communications situation.
>
>I disagree strongly with that statement Gary. I've operated
>contests and have also provided public service communications
>(a non-emergency form of emergency communications I guess you
>could say). When providing communications I keep my mouth
>shut until I have something important to state or the net
>control op asks a question. And don't think I'm the only one
>who can do this.

And that's a very valuable emergency operating skill indeed.
Would you have it if you didn't provide public service communications
on a regular basis? I doubt it. In other words, you've learned an
important emergency operating skill *despite* having operated in
contests, not because of operating in contests. IMHO that's rare
among avid contesters.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

5349. Re: Dealing with Contests

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct17.173440.3768@ke4zv.atl.ga.us>
Source record: 214646

In article <32650198.121E@liant.com> barron@liant.com writes:
>Howard Watson wrote:
>>
>> >Nobody wants to "ruin people's fun" by restricting contesting, but by the
>> >same token why should my fun be ruined >by< contesting? If a small portion
>> >of each band were reserved for non-contest stations during contests, I
>> >believe everyone would be a lot happier.
>>
>> >MD
>>
>> VERY well put. I myself am planning on giving it a try, but I sure
>> don't think it should fill every band. I also do not accept the "go
>> to a WARC band" argument. MANY of the older radios do no have the
>> WARC bands.
>
>Who shall decide the allowed percentage of the band to be used for the
>contests? For other activities it's first come, first served. Why
>should contesting be any different?

Because the contest sanctioning body makes the rules?

It is precisely because contesting is organized that it generates
so much chaos on the bands. If each individual decided by himself
when to contest, and under what rules to do so, there wouldn't be
the band killing concentrations that organized contesting fosters.
IE I might decide to work Sweepstakes on a Wednesday morning instead
of a weekend if the contest sanctioning body didn't insist the contacts
be made on the weekend, and another operator might decide Thursday
afternoon was a good time for him. That's how other activities are
done, but not contesting. Contesting is concentrated havoc whereas
other activities are distributed more randomly and evenly. And that's
a choice made by the contest sanctioning body.

I don't have a good answer for what to do about contests. Cummulative
contests have some features that make them better sharing partners
because they spread activity over a greater time. OTOH, sprints limit
the duration when the bands are unusable by others. Both have their
pluses and minuses. Single band and/or single mode contests limit the
problems for other bands and/or modes, but they totally wreck the band
and/or mode of the day. OTOH, any band and any mode contests spread the
load and aren't as disruptive to any particular other activity. Pluses
and minuses again.

Contesting is disruptive, and it is disruptive almost every weekend.
Something should be done about that. I don't know exactly what, but

some creative thought by the contest sanctioning bodies might come up with better solutions than what we have now. For example, and I don't know how practical this might be, the organizers could have a rule that no station participating in the contest could operate for more than 10 minutes out of every hour on a given mode or given band. Or they could say that contacts this hour only count with stations having the same first letter in the suffix of his call as yours, etc. Surely there is some way to dampen the peak loads so that the bands remain usable by others.

Or, how about this? Lets have a new entry class for contests. This class is for stations who listen only and provide reports of stations transmitting over non-contest stations. Each report would be worth 1 point to the reporter, and would result in 10 points being subtracted from the score of the station reported. I bet we could get a lot of stations to participate in that, I might even be tempted to submit a log, and it might do wonders for the operating manners of contesters. Bet a lot of them would wind up with negative scores. :-)

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

5350. HRO purchases Tucker amateur radio business

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: thompson@atl.mindspring.com
Message-ID: <5461n1$a1e@camel0.mindspring.com>
Source record: 214647

Here is a press release direct from HRO on the Tucker purchase:

FOR IMMEDIATE RELEASE

PRESS RELEASE

HAM RADIO OUTLET PURCHASES HAM RADIO ASSETS OF TUCKER ELECTRONICS OF TEXAS OCTOBER 16TH 1996.

Ham Radio Outlet, the world's largest Ham Radio Equipment dealer, announced today it had agreed to purchase substantially all the Ham Radio Equipment assets of Tucker Electronics and the Ham Radio assests of Oklahoma Comm Center which was aquired in July by Tucker.

Ham Radio Outlet will not be occupying the current Tucker store location as all Ham Radio sales activity at Tucker will cease on October 16th.

Ham Radio Outlet plans to consolidate Tucker's retail and mail order operation with Ham Radio Outlet's New Hampshire store location. Tucker's 1-800-559-7388 telephone number will be answered by Ham Radio Outlet's New Hampshire store at this time. Ham Radio Outlet will continue to market the "Tucker" Brand of accessories.

Ham Radio Outlet will be aquiring new locations and will announce plans shortly.

For further information contact:

Bob Ferrero, W6RJ
President HRO
(510) 831-1771

5351. Re: Can Amatuer Radio survive ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct17.182024.4007@ke4zv.atl.ga.us>
Source record: 214648

In article <32661260.246D@mail.mei.com> Kevin Jessup <kevin.jessup@mail.mei.com> writes:
>Gary Coffman wrote:
>
>> Have you *tried* using the spreading codes we're allowed to use?
>> What's the disadvantage? The fact is that the codes we're allowed
>> to use will support up to 2,048 stations in the same coverage cell
>> without overlap.
>
>Oh? How big are your cells? ;-)

Well, from here on UHF, about a 20 mile radius. That would
encompass 3 other amateurs who *might* be interested in operating
SS. I told you the network is sparse.

>How did you arrive at that number?

2^11, that's approximately the number of discretely correlatable
states available with the allowed spreading sequence generators.

[snip]
>But Part 97 states...
>
> (d) The only spreading sequences that are authorized are
> from the output of one binary linear feedback shift
> register (which may be implemented in hardware or software).
>
> (1) Only the following sets of connections may be used:
>
> Number of stages Taps used in
> in shift register feedback
> 7 7, 1
> 13 13, 4, 3, and 1
> 19 19, 5, 2, and 1

These are definitions of spreading sequence *generators*.

>If you are going to use the shift register's output in
>a parallel manor as a WORD to select an OFFSET into a
>frequency look-up table (the table itself can be varied),
>then you get quite an assortment for frequency hopping.
>
>But I was talking direct sequence which, as you may
>know, is the preferred method for high data-rate digital.
>In that case, the SERIAL OUTPUT pseudo-noise stream from
>this shift register is essentially used to modulate
>the carrier, the data to be transmitted being XORd

>with the bit stream. The bits of the PN stream
>typically result in a phase shift of the carrier.
>And there are the usual variations in those modulation
>methods.
>
>On the recieve side, an identical pseudo-noise stream
>is synced up (via a corellator circuit) and the original
>signal is extracted.
>
>So it looks to me like we only have THREE (count 'em)
>pseudo-noise streams. Furthermore, and to quote the
>ARRL handbook, "these three sequences are the only
>ones that amateurs are allowed to use."

Yes, but why do you assume that every station will be in the
exact same *part* of those three sequences at the same time?
Stations operating in different parts of the sequence are
uncorrelated with each other. Typically, a separation of
3 bits in the time sequence of the stream will sufficiently
decorrelate the stream so that two stations can share the
same center frequency.

>> Have you *tried* using the spreading codes we're allowed to use?
>
>I'm curious. Which PN streams have YOU *tried* ??

I've used all three sequence generators for DS. I haven't yet
played with FH. I've operated two pairs of stations using the
same sequence generators without conflict. That's because the
pairs weren't in the same *part* of the sequence at the same
time.

You can tune through a sequence just like you'd tune through
a band of frequencies. If you lock to a station you don't want
to copy, just bump the generator and recorrelate on the next
station down the sequence. The three sequences we're allowed
are actually like 3 separate amateur *bands* that we can tune
across and use for every center frequency that we choose.

The choices are sufficiently limited to remove real LPI from
our activities, which makes NSA happy, but they offer sufficient
freedom to accomodate large numbers of amateurs in any given
area.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

5352. Re: Looking for transistor.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: prografx@teleport.com
Message-ID: <546321$8s2@nadine.teleport.com>
Source record: 214649

thora@online.no (Thor Andersen) wrote:

>Hello.

>My Datong AD-370 antenna has stopped working, and I can't find the
>transistor MJ310 in any books, and I have checked different dealers.

>Can someone help me with a replacement for this transistor? Or the
>address, fax no. or email address to Datong?

>73's LA2DAA Thor.

If it is an RF part, try:

1-800-RF-PARTS

Steve
WB7PSD

5353. HRO PURCHASES TUCKER

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: Bob Winingham <kc5ejk@onramp.net>
Message-ID: <54648n$8vs@news.onramp.net>
Source record: 214650

HAM RADIO OUTLET PURCHASES

ASSETS OF TUCKER ELECTRONICS

AMATEUR RADIO BUSINESS

FOR IMMEDIATE RELEASE

FOR FURTHER INFORMATION CONTACT

John F. Holloran, Jr.

(214) 348-8800 x8363

jholloran@tucker.com

DALLAS, October 16 - Tucker Electronics Company, a distributor of new and
reconditioned electronic test & measurement equipment, amateur and
shortwave radios, and electronic hobbyist products announced today it had
agreed to sell substantially all of its assets related to its amateur radio
business to Ham Radio Outlet ("HRO").

Tucker Electronics has discontinued operations of its retail store and
consumer mail-order business, and the company will immediately begin to
transfer the purchased assets to HRO's stores. Tucker plans to market its
vintage radios and any inventory not acquired by HRO on its website
(www.tucker.com) in early November.

The sale of its amateur radio business will allow Tucker Electronics to
focus on its core business, distributing new and reconditioned electronic
test & measurement equipment.

5354. Re: Code or No Code...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: carl@ais.net
Message-ID: <546724$bsk@news.ais.net>
Source record: 214651

In <326280FB.2397@gte.net>, Jim Conn <jconn@gte.net> writes:
>Carl Stevenson wrote:
>>
>> It is NOT the government's job to enforce YOUR idea of a "work ethic" on
>> ANYONE ... it is clearly not relevant as a licensing requirement ...
>
>If the government wants to enforce a "work ethic" as a requirement
>for licensing, then the government has every right to do so.

No, for the government to resstrict rights by requiring a license to do
something, there must, of necessity, be a reason to do so ... that
reason being the public interest, necessity, or safety.

>For
>instance, many have advocated that welfare recipients be made to work
>in order to receive benefits. If the government should mandate
>"workfare", it would indeed be a relevant "work ethic" requirement
>for receiving welfare. If the government mandates a "work ethic" for
>ham radio, it is indeed a relevant "work ethic" requirement.

There is a big difference between receiving a check from the government
(which comes from my paycheck and yours as taxes) than being permitted
the use of a public resource which is regulated in the public interest
by the government.

Hams are SUPPOSED to "pay back" society for the use of our vaulable
spectrum allocations by performing public service and by learning and
training ourselves to be better in terms of technical knowledge and
skills.

>> The current system sucks ... it has created an "upper class" of
>> licensees who are, to a signicant degree, rooted in the past rather than
>> looking towards the future and stagnating the service with their
>> insistance on foolish rituals or antiquity.
>
>More petty jealousy and class envy. Note that these are Carl's opinions
>only, and should not be counted as anything more.

No, they are facts ... easily seen by anyone with a minimal amount of
intelligence ...

> I strongly dispute his
>assertion that ham radio has been "stagnating". Where's the proof? Ham
>radio is as vibrant and alive as ever, perhaps more so.

BULLSHIT, BULLSHIT, BULLSHIT! Ham radio is stuck in the 1950s or 1960s
somewhere and you're just too stupid to realize it ... you like the

radio a-la "Happy Days" and want to keep that mentality, level of
activity, and level of technology forever ... the realization that ham
radio has stagnated would require you to admit tha YOU have staganated
.. and that's obviously more than your ego can allow you to accept ...

>>
>> >Morse is readable under all conditions.
>> BZZZZZZZTTTTTT! WRONG ANSWER!!!!!
>> I wish I got a buck for every time I point out that Morse Myth #1, while
>> widely bandied about by the technically ignorant, is patently false.
>>
>> >Morse is *THE* most readable type of communication under extreme QRM.
>>
>> BZZZZZZZTTTTTT! WRONG ANSWER AGAIN!!!! It IS NOT ... please stop
>> spreading false information ... many people don't know enough to realize
>> that it IS false (including you, apparently)
>
>The man has a perfect right to his opinion. For him, the statement
>about CW readability is no doubt true from his perspective and experience.

You can't continue to confuse the issue with your nonsense, Jim ... his
utterance of Morse Myth #1 is patently false according to any reasonable
engineering evaluation, and his opinion has NOTHING to do with it,
cannot change the facts, and he needs have his error pointed out to
him and to be refuted whenever he/you/they voice such inaccuracies, lest
even more people be as confused about technical reality as you are Jim.

STOP SPREADING YOUR LIES AND BULLSHIT!

Carl - wa6vse
carl@ais.net

5355. Re: ** FLEA at MIT ** Sunday 20 October Cambridge MA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: cjl@mitre.org
Message-ID: <545o09$ads@linus.mitre.org>
Source record: 214652
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,sci.electronics.misc,ne.forsale,ne.general,rec.radio.amateur.homebrew

In article <540a4p$2us@news-central.tiac.net> allen <allenh@tiac.net> writes:
>x@apocalypse.org (Xochi Zen) wrote:
>
> A better bet for old electronics gear
>>is probably the Electronics Superstore (in Waltham... or is it Woburn?).
>>They'll refund your money if you buy something from them and find that it
>>doesn't work when you get it home.
>
>They used to be in Woburn but I couldn't find them about a month ago.
>I believe that they have moved it all to New Hampshire (darn) . Is Eli
>still in Cambridge ? Does anyone know of others in the area ? I know of
>U DO IT in Needham also .
>

Elecronic Superstore (now renamed Electronic Planet) moved to Cummings Park
in Woburn. Unfortunately, it is a much smaller store focusing on computurs
stuff, with all of the surplus parts having been moved to their store in
New Hampshire.

5356. Re: I wanna learn Morse code! :-)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: orion@capital.net
Message-ID: <54696g$a36@Usenet.Logical.NET>
Source record: 214653

janpharo@filter.online.no (Jan T Pharo) wrote:

>On Wed, 02 Oct 1996 15:02:37 GMT, Helge Hopmark wrote in
><rec.radio.amateur.misc>:

>>I have started reading to the HAM licence, and have started thinking
>>of beginning with the morse part of the licence..
>>
>>Do anyone have programmes etc. to help me learn the morse code
>>alphabet? Tips etc. would also be great!

>Practise, practise, practise;
>read all signs you see as morse signals; hum the dots and dashses as
>you see the "Vinmonopolet" sign, the "RIMI" sign, the licence plate of
>the approaching automobile, the newspaper headlines, whatever ....
>>
Or wait a few years untill the code requirement no longer exists.

73,
Butch N2YMJ

5357. Re: Code or No Code...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: carl@ais.net
Message-ID: <5469ja$dsa@news.ais.net>
Source record: 214654

In <32665D7D.1381@gte.net>, Jim Conn <jconn@gte.net> writes:
>Carl Stevenson wrote:
>>
>> Why don't you just go run a nice warm bath, climb in, and slit your
>> wrists???? You'd accomplish the same thing .... a bled-out, do
>> nothing, no-hope, no future, future ... without having to wait
>> around ...
>>
>> Carl - wa6vse
>> carl@ais.net
>
>Recently I unsubscribed to rec.amateur.radio.policy because I saw the
>rhetoric of certain members of the close-minded anti-code-test faction
>was becoming more and more enraged.

You thought we were getting enraged because we demanded that you stop
twisting and lying about things we had said (or things we had NOT
said)???

>Not wishing to push anyone to more violent behavior by the logic of my
>arguments, I unsubscribed to the rec.amateur.radio.policy group.

First, there was never a shred of "logic" in ANY of your arguments ...
that's why we were getting so frustrated with you ...
HOWEVER, don't flatter yourself with the idea that YOU had any "power"
to "push" any of us to anything ... let alone violence ...

>In parting, I stated that I believed
>that certain of the antis (short for anti-code-testing) were in danger of
>substituting violence for logic.

Right ... what did you think we would do (over the internet, remember)?
Were you afraid we might resort to the use of "violent" words like
"whack", "bang", "zap", "bang", and (perhaps) "crunch" ??? GIVE US A
BREAK!!!! TRY TO GET SOME GRIP ON REALITY, JIM!!! YOU'RE REALLY LOSING
IT ...

>Of course, Mr. Stevenson stepped forward to deny this, and I quote:
>
> "Yeah, those pro-code guys are always SO objective ... never once
> was there anything in any of the no-code advocate's statements that
> even remotely hinted at any sort of violence ..."
>

That's right, never once was there anything ...

>Contrast the denial with the Kevorkian type post above and you will see
>the truth of my statement, and just how rabid this man becomes when
>politely asked to provide proof to substantiate his wild assertions.
>

Jim ... I stand by my denial of any hint towards doing, or advocating that anyone else should do, violence on anyone else ... there is NO truth in ANY of YOUR statements ... you clearly have little or no grasp on reality ... and YOU are the one who is dogmatic, rabid, paranoic, and fanatical in your attacks on anyone who disagrees with you by pointing out the flaws in your "logic" and the errors in your "facts."

I never said that anyone should do any violence to anyone else .. what I said above, which you took out of context, was simply that the person to whom I wrote it was expressing an opinion and a view of life so devoid of any vision, goals, or hope for the future that accepting that view of the future was essentially the same as ending it all ...

Your zeal to twist anything that (I or) any (other) no-code advocate says into something evil is so outrageous as to be completely transparent to anyone with any sense at all ... of course the corollary to that is that you're completely incapable of understanding just how ridiculous and outrageous your rantings have become ...

Carl - wa6vse
carl@ais.net

5358. Spark Transmission Again!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: Jim Reid <jreid@aloha.net>
Message-ID: <01bbbc73$c2c87a80$84070ccf@jim-reid-1>
Source record: 214655

From a new ARRL bulletin:

SB SPCL ARL ARLX018
ARLX018 Oldest LW transmitter

The world's only working Alexanderson alternator will broadcast this month from Sweden on 17.2 kHz. A nostalgic Morse code transmission at 0900 UTC on October 23 from station SAQ in Grimeton on Sweden's west coast will commemorate the declaration of the radio station as an historic building. The RCA Alexanderson alternator was built in 1924. The SAQ site, complete with six antenna towers and the 200 kW transmitter, are under the care and management of Telia Mobitel, a Swedish mobile telephone company, and the radio museum of the Radio Historical Society of West Sweden, which operates club station SK6RM. Ulf Sjoden, SM6CVE, has helped to organize the event.

SAQ also will transmit a test on October 21, at approximately 1100 UTC. SAQ requests listener reports of both the test and the commemorative message via telephone at 46-340-74251 or fax at 46-340-74195. Callers will be reimbursed for the cost of the call. The operator at SAQ is Bengt Dugaas, who is not a ham.

The Alexanderson alternator was developed during the early years of wireless by Ernst Alexanderson, a Swedish-American. The device is essentially a large, electromechanical high-frequency alternator with a high-speed rotor that's connected directly to an antenna system. A similar station once operated on Long Island. The circuit was used to transmit telegrams and messages between Europe and the US.

Last fall, Amateur Radio station 7S6SAQ operated from the SAQ site to celebrate 100 years of radio and the 70th anniversary of the radio station (see ''Up Front,'' QST, Nov 95 , p 14, for a picture of the Alexanderson alternator and the antenna system). During September 1995, SAQ itself transmitted a message to England which was relayed via landline from a BBC monitoring station to those attending a ''100 Years of Radio'' conference in London.

73, Jim,AH6NB

5359. Re: SCREW THE CODE!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: carl@ais.net
Message-ID: <546bnr$dsa@news.ais.net>
Source record: 214656

In <326285F3.46BA@gte.net>, Jim Conn <jconn@gte.net> writes:
>Carl Stevenson wrote:
>>
>
>> Ham radio has tried to chase off anything that smells like progress for
>> the past 30 years ... if it doesn't involve a key and Morse code, it
>> smells like progress to the old guard ...
>>
>
>Total nonsense. Same old hackneyed rhetoric and disinformation. Absolutely
>untrue. He offers not a shred of proof to support this wild charge.
>

Jim ... all one has to do is look/listen to the bands ... there is no way to dispute the fact that the vast majority of the technology in use dates back to at least the 1950s ... some of it (Morse code) to the early 1800s ... ham radio has been left stagnating in the past as the rest of the world has strode forward in great leaps and bounds ... the fact that you have no understanding of (or desire to learn about) modern communications technology does NOT change the reality that you refuse to accept ...

>> We will always have to "stand on our own two feet" in the regulatory
>> sense on the basis of providing public interest payback
>
>Ham radio is a hobby with a public service aspect.

No ... despite your aversion to reality, we are a service with a hobby aspect ... see Part 97.1 ... try reading and learning something for a change ... I know it's harder than spouting off with no idea of what you're talking about (your normal mode of operation), but you really should try it ..

Carl - wa6vse
carl@ais.net

5360. ���� ����� ��� �� ����...�� ��������...OK !!! ����

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: mot@inter.net.il
Message-ID: <NEWTNews.845541859.5645.nardimon@dialup.netvision.net.il>
Source record: 214689
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.snowmobiles,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketplace.vinyl,rec.music.makers.guitar.acoustic,rec.music.dylan,rec.music.artists.kiss,rec.motorcycles.dirt,rec.models.rockets,rec.games.video.classic,rec.games.video.advocacy,rec.games.roguelike.nethack,rec.games.frp.misc,rec.crafts.textiles.quilting,rec.crafts.metalworking,rec.collecting.dolls,rec.collecting.coins,rec.boats.paddle,rec.boats,rec.bicycles.racing,rec.bicycles.misc,rec.autos.makers.honda,rec.arts.sf.movies,rec.arts.movies.past-films,rec.arts.marching.drumcorps,rec.arts.bodyart,rec.aquaria.marine.reefs,rec.antiques.radio+phono

Newsgroups: alt.sex.stories.d
Date: Tue, 17 Sep 96 23:43:02 PDT
From: mot@inter.net.il
Subject: mONEY aND fAST !!!! $$$$ WANNA MAKE MONEY WITH ACTUALLY ALMOST NO COST..UPTO 50,000$$$
X-Newsreader: NEWTNews & Chameleon -- TCP/IP for MS Windows from NetManage
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Path: news.NetVision.net.il!news-dc.gsl.net!news.gsl.net!news-peer.gsl.net!news.gsl.net!www.nntp.primenet.com!nntp.primenet.com!news.cais.net!news.us.net!usenet
From: "S.T.O." <sto@us.net>
Newsgroups: alt.sex.spanking,alt.sex.stories,alt.sex.stories.d,alt.sex.strip-clubs,alt.sex.voyeurism,alt.sex.wanted,alt.sex.wizards,alt.sexual.abuse.recovery,alt.smokers,alt.smokers.cigars
Subject: Make Money The Fastest way (90 days)!!!
Date: 10 Sep 1996 00:32:32 GMT
Organization: US Net, Incorporated
Lines: 133
Message-ID: <01bb9ead$99a24520$4870f0c6@tower>
NNTP-Posting-Host: endc3.laurel.us.net
X-Newsreader: Microsoft Internet News 4.70.1155
Xref: news.NetVision.net.il alt.sex.spanking:17373 alt.sex.stories:40816 alt.sex.stories.d:4310 alt.sex.strip-clubs:17986 alt.sex.voyeurism:16836 alt.sex.wanted:30713 alt.sex.wizards:6258 alt.sexual.abuse.recovery:10923 alt.smokers:11104 alt.smokers.cigars:23825

I actually read an article in Newsweek that this type of thing is true and
legitimate! I figure it's worth a try!

M. Hache wrote:

Everyone seems to be making money on the net these days. If you are
reading this I assume that you have decided that it's your turn. The
opportunity that will be described here is a PROVEN MONEY MAKER and
it's perfectly LEGITIMATE AND LEGAL. So if you are ready to make some
money read on, you have everything to gain..... Save this article to
a file on your hard drive because you will need it later.

I came accross this opportunity in one of the news groups. I read the article that was posted (very similar to this one) and thought that it sounded too easy. There had to be a catch. I checked with a friend of mine who happens to be an attorney and she assured me that it was perfectly legal with no catch as long as I followed the rules which are spelled out below.

It will cost you five dollars to try this out but believe me you will make it back 100 fold. Just for the sake of saying it, you will not be sending the five dollars to me. Honesty is a must for this to work so follow the rules to the letter and in a few weeks you will be amazed at the results. I sure was.

These are the rules:

1) Take five sheets of paper and write the following on each one: 'Please add my name to your list' include your name or the name of your business and your mailing address. In this way you are asking the person who receives the sheet of paper to perform a service for you which will be explained as we go through the rules.

2) Now take each sheet that you prepared above and fold it around a one dollar bill (Please use U.S. currancy). Do not send checks or money orders. In this way you are paying for the service you have asked them to perform from step one. By folding the paper around the dollar bill you will insure its arrival at the intended destination.

3) Take each of the requests for service along with the one dollar payment for the service, place them in five envelopes, and send them to the five people listed below.

4) Read this step carefully. Remove the first name from the list of five names below. The name in position 1. Move the other four names up one position so that the name in position 2 is now in position 1, the name in position 3 is now in position 2, and so on. Place your name and address in position 5 (the last position on the list). When doing this do not use a word processor. You must leave this article as a straight MS-DOS text file so anyone recieving it can read it.

5) Now upload the updated file with your name in position 5 to as many news groups, and bulliten board message areas as possible. Give it a catchy description like "NEED CASH....FAST ??" or "PAY OFF YOUR DEBTS IN 90 DAYS", or "NEED CASH FOR THE HOLIDAYS ??", etc. The more uploads you make the more money you will earn.

6) This is another VERY IMPORTANT STEP. When someone sends you a dollar requesting that you add thier name to your list you must perform the service requested. All you need to do is save all the sheets of paper requesting to be added to your list in a folder (your list).

7) What do you do with your list? As time allows take the names and add them to the list below 2 or 3 at a time to the bottom most positions

like 3, 4, and 5. Put yourself in position 2 or 3 and upload that article. In that way we all multiply the number of times our name appears and we perform a legitimate service. Be sure to continue to post the original updated article as well with the names as they appear below and your name in position 5.

If you need help uploading just ask someone in one of the news groups or the sysop of the bullitin board and they will explain how it's done.

You can expect to see a little money start to trickle in at around 2 weeks, but around weeks 3 and 4 WOW!!

8) When the 'money storm' hits your mailbox go pay off your bills and debts, and then go get that something special that you've always wanted, or for your love ones.

HERE IS THE LIST OF NAMES:
Position 1: Amir
8 Hanurit Street
P.O.Box 154
Kochav-Yair 44864
Israel

Position 2: Richard Fitzgibbons
913 Maple Lane
Lebanon, PA 17046
U.S.A.

Position 3: G. S. Interprises
P.O. Box 570
Fairmont, MN 56031
U.S.A.

Position 4: Michael 001
11-9, Ross Ade Dr.
West Lafayette, IN 47906
U.S.A.

Position 5: Yoav Kessler
Yehouda Halevi 25 St.
Herzelia 46490
Israel

HONESTY is what makes this work so do send the request for service and the one dollar payment for that service to the five people on the list. I invested the five dollars and it payed off big time because now the five people I sent to are all helping me get this posted with my name on their lists. If we all play fair the results will speak for themselves.

Set some kind of a goal like 15 or 20 posts or more every couple of days. Make sure it's a goal you can achieve. One last thought, keep track of how much you make because you will need to report it as income for tax purposes.

Just for fun you might also include on the sheets of paper the position
that person was in when you got this article,

You might want to keep this letter in a secure place, so that you can use
it
again sometime in the future.
Sit back and start enjoying your life. Life is short, play hard!!!

[Versions]
UserVersion=1

[NewtNews]
EditFont=Fixedsys, 15, 8, 400, 177, 1, 2, 2, 49, 0
PageSetup=0.500000 1.000000 0.500000 1.000000 I
CheckInterval=3600
DownloadTime=-29536
Showallarticles=0
SmartButtons=0
ShowToolbar=1
AskFetchThreshold=250
ShowStatusbar=1
DisplayThreads=1
CheckForNewMsgs=0
CheckForNewGroups=1
HideEmptyGroups=0
InsertOriginal=1
NumGroupCols=20
GroupColSort=0 1 4 5 3 8 6 7 9 10 11 12 13 14 15 16 17 18 19 2
GroupColSizes=56 56 56 56 56 56 56 56 56 56 56 56 56 56 56 56 56 56 56 56
NumArtCols=20
ArtColSort=0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
ArtColSizes=56 56 339 56 56 56 56 56 56 56 56 56 56 56 56 56 56 56 56 56
VisibleHeaders=1 1 0 1 0 0
HeaderPositions=1 2 -1 0 -1 -1
SortColumn=0
SortOrder=0
GroupSortColumn=0
GroupSortOrder=0
MainGeometry=198 133 378 619
ReadGeometry=48 48 450 610
ComposeGeometry=153 73 553 573
OpenLogAtStartup=0
LastNewGroups=3265e816
NewsGroups=C:\NETMANAG\news\nardimon\groups1.nws
LocalGroupFile=C:\NETMANAG\news\nardimon\local5.nws
Subscribed=C:\NETMANAG\news\nardimon\subscr5.nws
NNTPServer=news.netvision.net.il
DefaultFrom=mot@inter.net.il

[ComposeWindow]
WidthInChars=80

```
[ReadWindow]
ShowFullHeader=0

[LOG]
Log to Window=1
Log to File=0
Log File=
Log Options=1,1,1,1,1,1,1

[Colors]
MainWindow=ff000000 ff000000
ComposeText=ff000000 ff000000
ReadText=ff000000 ff000000
```

5361. Re: Libel me, Think.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: jxs2151@shore.intercom.net
Message-ID: <5440c6$udm@shore4.intercom.net>
Source record: 214690

Burt,

Please support your assertation below.

The reason that I ask that you do this is that I believe the statement to be false.

If it is merely your opinion please state so in the future.

Jeff

In article <3262D823.31F3@ccsnet.com>, k1oik@ccsnet.com wrote:

>othewr hams merely have no life.

5362. Re: What a Wonderful Life.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: jxs2151@shore.intercom.net
Message-ID: <5441aj$udm@shore4.intercom.net>
Source record: 214691

In article <3262DB8B.2B9B@ccsnet.com>, k1oik@ccsnet.com wrote:
>Casey wrote:
>
>> No, you just like sticking your nose in other peoples business. One
>> day someones going to knock your nose off.
>
>It surely will not be a ham.
>Hams are gutless.
>Now a U.S. Marine, that I would fear.

How about a Marine Ham? That would be me...

Jeff

5363. Re: What a Wonderful Life.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: jxs2151@shore.intercom.net
Message-ID: <5441f0$udm@shore4.intercom.net>
Source record: 214692

In article <32636F3A.6B7B@ccsnet.com>, k1oik@ccsnet.com wrote:
>Howard Watson wrote:
>>
>> Ummm Burt, I DO know several marines who are also hams, what about
>> them? <G>
>
>That would concern me but are they clerk types?

Even a "clerk type" Marine could put a whippin' on ya Burtie-Boy. Don't forget that unlike the other services, *all* Marines are trained as basic Infantrymen which means that any and all have the knowledge and skills to do the job.

Jeff

5364. Re: RT SYSTEMS - Huntsville, AL: Scams customers out of their hard earned money. Get me for almost $80.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: Robert Bennett <bdbennet@ix.netcom.com>
Message-ID: <5447m6$bd5@dfw-ixnews9.ix.netcom.com>
Source record: 214693

In article <3263b28f.1252175@news.yvv.com>,
rtsys203@aol.com (RT SYSTEMS MEDIA (ADULT VIDEO/CDROM)) wrote:

>

Who cares??? If you can't post the details to back up your claim, then RT Systems is a good company to deal with, I've dealt with them and was very satisfied.
You may be the problem, all I've seen is your one line posting that doesn't mean a thing. Are you afraid to give good details and let us all see that you created your own problem??

Bob

5365. Re: ���� ����� ��� �� ����...�� ������...OK !!! ����

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: jsm@n4vu.Atl.GA.US
Message-ID: <DzEIDp.Hrq@n4vu.Atl.GA.US>
Source record: 214694

mot@inter.net.il wrote:

: I actually read an article in Newsweek that this type of thing is true and
: legitimate! I figure it's worth a try!

Until you produce the issue date and page number of the Newsweek
in question, would you mind terribly if I considered you to be a
lying sack of moose poop?
--
John Miller, N4VU Linux! My employer pays me well for my opinions,
jsm@mindspring.com and I'll be darned if I'll let any
Fayetteville, GA DoD #1942 of the good ones escape onto the net!

5366. Re: ** FLEA at MIT ** Sunday 20 October Cambridge MA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: skoper@netcom.com
Message-ID: <F2ZZyUjRQ0FB092yn@netcom.com>
Source record: 214695
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,sci.electronics.misc,ne.forsale,ne.general,rec.radio.amateur.homebrew

In article <5409dq$q0d@asylum.apocalypse.org>,
x@apocalypse.org (Xochi Zen) wrote:
>
>Is this the one where cantankerous old men sell stuff that their
>wives have been begging them to get rid of? One thing that I've found
>is that *some* of the dealers there sell stuff that doesn't work and
>refuse to take anything back. A better bet for old electronics gear
>is probably the Electronics Superstore (in Waltham... or is it Woburn?).
>They'll refund your money if you buy something from them and find that it
>doesn't work when you get it home.

Oh yes, this is the one! I once bought a cd player for $50 that
didn't work. My life is OVER!!!! But then I got a sound card
with a Jazz 16 chip for $4 that works!!!! From the same guys
that were selling the maxxum external 28.8 modems for $10 (3 for
$25).

I love this flea market, but I hate the increase in admission
fees. I have two kids who always want to go (my daughter drools
over those soapstone animals and the lapel pins), and sometimes
I wonder if it wouldn't be worthwhile to just buy a seller's
ticket and troop the whole group in. God knows, *I've* got a
few old 286 boards and other odd junk that I could sell...

Oh, hey, and I bought a 3-button logitech jeep mouse (Natick Army
do-dah surplus) for $2.50 one time, that is still working!!!

Oscilloscopes for $25? What do you want one for? At those
prices, who cares? Old Commodore 64's? I liked showing my
daughter all those old CP/M Morrow and Zenith computes one guy
was selling, not to mention the Osbornes! A history of personal
computing, before your very eyes!

And my son bought a beautiful piano amp for $20 one month, that
works like a champ (he uses it to power his bass guitar).

>
>I'd like to see the dealers at the MIT flea market be held to this sort of
>policy. If people don't have ethical standards, I say *impose* some on
>them.
>
Xochi, don't buy anything. It's that simple. Sure, we'd like
everybody there to be on the up-and-up, and to stand behind
what they sell, and not everyone does. If you buy it as-is,
where is, you take a chance. Hey, last month I actually saw a

dealer give back the money a guy spent the month before on some item (I forget what) that didn't work.

--
Stan Koper
skoper@netcom.com
"The Bill of Rights--Ten 'Impediments to Law Enforcement'?"
This message brought to you by uqwk and Yarn 0.91

5367. www.hamradio-online.com: Is Ham Radio Still Relevant?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: vbook@vbook.com
Message-ID: <5449pf$bm0@kanga.accessone.com>
Source record: 214696
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.scanner,rec.radio.shortwave,aus.radio.amateur.misc,aus.radio.amateur.digital

With the just announced loss of another 5 MHz of Amateur allocated UHF spectrum in the U.S., its time to ask the hard question: Is Ham Radio Still Relevant?

We've posed that question and provided some answers - but not nearly enough. Times have changed. Ham Radio of the 21st century will not be like ham radio of the 20th century. Now is the time to engage in discussion on how to confront the challenges head on.

"Is Ham Radio Still Relevant?" is the subject of our newest editorial opinion at Ham Radio Online. At http://www.hamradio-online.com

Stop on by. Lots more cool stuff than *anywhere* else on the web. Now read in 47 countries around the world.

Ed (KF7VY) and Kim (N7VPL) Mitchell
email to vbook@vbook.com
Visit Ham Radio Online, it's free! at
http://www.hamradio-online.com

5368. Schematic drawing

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: jangle@oavax.csuchico.edu
Message-ID: <544bte$14a@charnel.ecst.csuchico.edu>
Source record: 214697

I am looking for a simple drawing program for schematics including symbols for
RF decks including vacuum tubes.

73 de Ron AB6ZX

=*=* ==*= =** =**= =** * *= =*** =**** ==** =**=
Ron Angle, Chico CA

5369. Re: ** FLEA at MIT ** Sunday 20 October Cambridge MA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: mlc@izzy.net
Message-ID: <544c83$oe1@izzy4.izzy.net>
Source record: 214698
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,sci.electronics.misc,ne.forsale,ne.general,rec.radio.amateur.homebrew

In article <542m6n$eq8@asylum.apocalypse.org>, x@apocalypse.org says...

Tim, ka8ddz wrote:

>>a.) ethical standards at a flea? That would certainly take the fun out of
>>it!!
>
> How would you like it if one of the dealers bashed your scull in
> with an oscilloscope. ;)
>

Ok, now I'm completely confused. WTF has ethical standards at a flea market
have to do with a vendor bashing in my skull, what does this mean?

>>b.) How do you intend to *impose* your ethical standards on anybody?
>
> All I know is that I'm not SCSI.

What is SCSI? I've never hear of it.

>>c.) I haven't found a flea yet that you couldn't find 120VAC SOMEWHERE, If
>>your spending more than a hundred dollars or so test it out before you
buy.
>
> If they let you test... a lot of these scumbags won't.
>
> - Xochi

Then don't buy from the *scumbags* dummy, let someone else buy it. If you
know enough that you could fix whatever your buying great, otherwise let it
go.

Tim, ka8ddz

5370. Re: Can Amatuer Radio survive

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: vbook@vbook.com
Message-ID: <5449sa$bm0@kanga.accessone.com>
Source record: 214699

In article <c31_9610160400@magsystems.com>,
Roland.Stiner@cybernet.magsystems.com says...
>
>
>K>Will it be alive, as we know it, in 10-20 yrs.? Your opinions please.
>
>I just hope the service continues in this shape through the coming sun
>spot cycle. After that, there's not much hope.
>
>---
> OLX 1.53 ...73 DE: NK2U@CYBERNET.MAGSYSTEMS.COM
>
>--

This is the subject of this month's editorial at Ham Radio Online: Is Ham Radio
Still Relevant?

Stop on by and check it out at http://www.hamradio-online.com

----
Ed (KF7VY) and Kim (N7VPL) Mitchell
email to vbook@vbook.com
Visit Ham Radio Online, it's free! at
http://www.hamradio-online.com

5371. Re: ** FLEA at MIT ** Sunday 20 October Cambridge MA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: jcooley@world.std.com
Message-ID: <DzEKo4.1Dz@world.std.com>
Source record: 214700
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,sci.electronics.misc,ne.forsale,ne.general,rec.radio.amateur.homebrew

Dale Smoak <dales@shore.net> wrote:
>x@apocalypse.org (Xochi Zen) writes:
>
>> In article <542k11$43u@izzy4.izzy.net>, Tim Hynde <mlc@izzy.net> wrote:
>> >In article <5409dq$q0d@asylum.apocalypse.org>, x@apocalypse.org says...
>
>> >c.) I haven't found a flea yet that you couldn't find 120VAC SOMEWHERE, If
>> >your spending more than a hundred dollars or so test it out before you buy.
>>
>> If they let you test... a lot of these scumbags won't.
>
>Then don't buy it. Jeez...

Dale, Xochi's just being grumpy. Don't take it personally, we all do it
at one time or another....

- John

"Being a divorced father shouldn't mean you can't know your own children."

The Fathers Group meets in Framingham, Massachusetts on the 2nd Tuesday
of every month. Our address, etc.: The Fathers Group, 908 Concord St.,
Framingham, MA 01701 phone (508) 879-4585. Feel free to join us!

5372. FS : AZDEN PCS-7500H 6 meter rig

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: dconti@carroll.com
Message-ID: <DzEKFp.AMy@news2.new-york.net>
Source record: 214701
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

AZDEN PCS-7500 H 6 meter mobile rig for sale, Excellent condition, in box with manual, etc....$250.00 shipped to 48, COD $5.00 extra

E-MAIL IF INTERESTED
dconti@carroll.com
Compuserve - 71242,1774 Amateur Radio - N2TYB
Ridgefield, New Jersey

5373. FS : ALINCO DR 130 T 2 meter rig

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: dconti@carroll.com
Message-ID: <DzEKK9.Ary@news2.new-york.net>
Source record: 214702
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

ALINCO DR 130 T , 2 meter mobile rig for sale, purchased new in May, 96, includes optional PL decode chip, in box with manual, etc... $225.00 shipped to 48, COD $5.00 extra

E-MAIL IF INTERESTED
dconti@carroll.com
Compuserve - 71242,1774 Amateur Radio - N2TYB
Ridgefield, New Jersey

5374. FS : DIAMOND MX-2000 Triplexer

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: dconti@carroll.com
Message-ID: <DzEKqI.Axw@news2.new-york.net>
Source record: 214703
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

DIAMOND MX-2000 Triplexer for sale, 2 mos old, $65.00 shipped to 48,
COD $5.00 extra

E-MAIL IF INTERESTED
dconti@carroll.com
Compuserve - 71242,1774 Amateur Radio - N2TYB
Ridgefield, New Jersey

5375. Re: ... ...OK !!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: w9sz@prairienet.org
Message-ID: <544evd$1se@vixen.cso.uiuc.edu>
Source record: 214704

In a previous article, jsm@n4vu.Atl.GA.US (John Miller) says:

>mot@inter.net.il wrote:
>
>: I actually read an article in Newsweek that this type of thing is true and
>: legitimate! I figure it's worth a try!
>
>Until you produce the issue date and page number of the Newsweek
>in question, would you mind terribly if I considered you to be a
>lying sack of moose poop?
>--
>John Miller, N4VU Linux! My employer pays me well for my opinions,
>jsm@mindspring.com and I'll be darned if I'll let any
>Fayetteville, GA DoD #1942 of the good ones escape onto the net!
>

Maybe you should consider him to be a:
[illegible] [illegible] [illegible] [illegible] [illegible]...[illegible] [illegible]...OK !!! [illegible]

:-)

Zack W9SZ
--

5376. FS : DIAMOND Discone antenna

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: dconti@carroll.com
Message-ID: <DzEKnB.AuK@news2.new-york.net>
Source record: 214705
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

DIAMOND Discone antenna for sale, 4 mos old....
$50.00 shipped to 48, COD $5.00 extra

E-MAIL IF INTERESTED
dconti@carroll.com
Compuserve - 71242,1774 Amateur Radio - N2TYB
Ridgefield, New Jersey

5377. Re: ** FLEA at MIT ** Sunday 20 October Cambridge MA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-17 00:00:00 UTC
From: mlc@izzy.net
Message-ID: <544do9$oe1@izzy4.izzy.net>
Source record: 214706
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,sci.electronics.misc,ne.forsale,ne.general,rec.radio.amateur.homebrew

>>Xochi Zen wrote:

> Again, we're not talking about 50 cent plates or $1 answering machines.
> For my own part, I've simply decided not to give any of these vendors
> my business. I think your neo-cortex needs calibrating if you think anyone
> is calling for the government to intervene.

I think the poster was refering to your call to *impose* morals on the flea
market vendors, how exactly did you plan on *imposing* such values?

Tim, ka8ddz |

5378. Re: Can Amatuer Radio survive ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: carl@ais.net
Message-ID: <548eqh$mk5@news.ais.net>
Source record: 214457

I was going to sent this as private e-mail to Gary and Kevin, but what the hell, the pro-coders will *never* believe that they actually read a post where *I* was actually playing "the peacemaker", so here goes:

In <326783EC.3DE@mail.mei.com>, Kevin Jessup <kevin.jessup@mail.mei.com> writes:
>Gary Coffman wrote:
>
>> >Oh? How big are your cells? ;-)
>>
>> Well, from here on UHF, about a 20 mile radius. That would
>> encompass 3 other amateurs who *might* be interested in operating
>> SS. I told you the network is sparse.
>
>You know, this type of reasoning is truly amazing!!!
>We have an incentive system catering to HF and Morse.
>Add to this rules and regulations that PREVENT a dense
>SS network. And then you say we don't need rule
>changes because our networks are sparse! Big news
>everbody! Our networks are SPARSE!!!! Can ya believe it!!??

Boys, boys, behave now!!!

Kevin, I think it's safe to say that Gary is actually "on our side" ... he's just gotten hung up in arguing that useful things *can* be done today without waiting for rules changes, and to a degree he's right. He's is frustrated with waiting and simply wants to encourage any and all to do whatever is possible within the current, antiquated rules, rather than waiting for new, more reasonable rules to begin to do anything.

Kevin, having not spent as much time as Gary in trying to field networks (Gary's been in the trenches for years) I don't think you've had the same opportunity to experince the same frustrations and deal with the same day-to-day bullshit and logistical problems and so forth ...

I don't think Gary will accuse me of puttting words into his mouth if I say that I'm sure he wants, will support, and will be happy to see, more progressive rules regarding bandwidths, coding/spreading schemes, and a variety of other technical issues that presently "get in the way" for no good reason ...

>Hey Gary! You didn't suffer some severe head injury
>over there at Destructive Testing, did ya? ;-))

Gary's a smart guy and that wasn't called for ... he just sometimes gets so hung up trying to make a point that he has a hard time letting go ...

I know, I have the same tendency sometimes ... we technical types tend to be tenacious ... but so are you, Kevin ...

>> Yes, but why do you assume that every station will be in the
>> exact same *part* of those three sequences at the same time?
>> Stations operating in different parts of the sequence are
>> uncorrelated with each other. Typically, a separation of
>> 3 bits in the time sequence of the stream will sufficiently
>> decorrelate the stream so that two stations can share the
>> same center frequency.
>
>Your bullshit is reaching ever greater levels.

NO, he's prefectly correct ... while not as elegant as a full CDMA system with different hopping sequences, time offsets along the same spreading sequency can be used quite effectively ... and there are a number of ways to exploit this ...

>I guess you have no experience with syncing up on the
>receive side via a corallator circuit. With DSSS
>this happens in well under a second. This is because
>the receiver and transmitter PN streams are not at
>exactly the same data rate. This allows the two to
>eventually sync up and corallate. This sliding window
>is an easy way to sync up. But then you suggest we
>have multiple stations on different parts of the SAME
>sequence and all will be cool. But this means receivers
>will be syncing up on bit streams they were not intended
>to receive.

There are other ways to deal with the synchronization and separation issues ... again, perhaps not as elegant as other ideas we can envision under more liberal rules, but still quite doable TODAY ...

******

I strongly suggest that you both (Gary and Kevin) take notice of who our REAL enemies are and save the debates about whose ideas are most elegant, etc. until after we've won the MAJOR battles ... OK??? ...

We need you both ... and all of the lurkers who were beginning to mentally take sides between Gary's "do it now" argument and Kevin's "but there are more elegant ways" argument ... to pull together and try to acat as one body, so that we can win the war and accomplish the following primary objectives which are necessary to the future survival of ham radio:

1) removal of all code testing from U.S. licensing requirements (includes any/all necessary ITU Treaty changes or exceptions)
2) restructure licensing system to 2 levels (entry and regular)
3) modernize technical regs WRT bandwidth, coding/spreading, modulation, content, digital signatures, unattended/automated messaging systems, etc.

I think a 4th objective is probably of necessity:
4) break the stranglehold that the ARRL has on US ham radio regulation

******

73,
Carl - wa6vse
carl@ais.net

5379. Re: Handheld Dual Bands - who makes the best one?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct18.140229.7054@ke4zv.atl.ga.us>
Source record: 214458

In article <546dsh$gmr3@ha2.rdc1.sfba.home.com> paul@moe.cyclades.com (Paul C) writes:
>Jeff Hawkins (jhawkins@teleport.com) wrote:
>: I'm just now working on my no-code tech license and I'm looking at a dual band
>: handheld as my first radio. Does anyone have any suggestions as to the best
>: one to go with?
>
>That's a religious argument there... Simply put, there is no "best"
>radio.
>
>I've been on the air for a while, and have heard people complain about
>their radios. For the most part, they are happy with them, but have a
>few gripes.
>
>Alinco: Cheap. And inexpensive. Lots of features for the price, but
>quality tends to be lacking. Proof of "you get what you pay for".
>Several owners reported high sensitivity but poor selectivity; others
>report the opposite. Rather low in overall quality control, but has an
>excellent "extended warranty" plan.

I've had good service from the three Alincos I've owned. They have
more intermod than I'd like, but they've been reliable. They aren't
quite top tier radios, but they aren't junk either. The mobile rigs
are quite servicable radios too.

>Yaesu: Also well made. Some find their HTs confusing to program.

I think that Yaesu makes some excellent radios. And I think the
FT-470 was one of the first HTs with a really user friendly
interface. OTOH, the FT530 was a complex thing to program. The
new FT51R and FT50R seem to be pretty easy to use, and tough too.
Yaesu also make what is probably the best HF radio, and a number
of good mobile VHF+ rigs, and the workhorse FT736R. Good stuff.

>Kenwood: Also well made. Kenwood has occasionally fallen for "creeping
>featurism", where they add things that aren't really needed. (Does
>anyone *really* need video games on their HT?)

I normally wouldn't use the term "well made" in the same sentence
with the word "Kenwood" if I were talking about their VHF+ equipment.
I would use words like "intermod", "baroque interface", "poor thermal
design", and "gameboy" with the word "Kenwood". I have a low opinion
of their mobile and base rigs (especially that horror the TS-790A).
Their HF rigs are pretty good though.

>Icom: Generally well made, solid engineering. The 2AT radio has a
>reputation for being virtually indestructable. Their high end radios

>hold their own against any others. Generally regarded as being in the
>same league as Kenwood and Yaesu, but a "hair" better (and more
>expensive).

I basically agree, though I think that their best HT was the IC2AT,
and they haven't made a HT since which can measure up to it, though
some of the newer ones excel in their own different ways. The IC2AT
was a true classic. Their other VHF+ equipment is also good solid
stuff, and their HF offerings are solid as well. The cute little
IC-706 has defined its own niche.

>Radio Shack: No dual band yet, but their single band HTs are of the
>"big and tough and you can drive nails with them" variety. Rumored to
>be made by Maxon, the radios have an excellent receiver. The only
>drawback (to some) is that they are ham-band only; no listening to NOAA
>or the cops on these. (No diode-cutting mods, either.)

I agree fully. This is a good tough basic radio, patterned after the
old IC02AT and IC04AT. Older Icom acessories fit it too.

>Standard: What I own, two, in fact. Outside of the US, Standard is
>"the" radio to own for commercial use; at the level we give to Motorola
>in the US. I'd buy another Standard if I was in the market for a third
>HT.

I like Standard, and I own one too, the little C508A. I wouldn't put
it in the league with Motorola, but it's a nice radio. The manual
isn't great, and it's a bit confusing to program, but it works well,
is incredibbly small, and is very easy on batteries. It's the perfect
accessory for a mobile rig that can crossband repeat.

>Before firing up the flamethrowers, please kepp in mind that this is
>just a report of unsolicited comments that I've heard over the air and
>in person. I don't report on specific models, since with the exception
>of what I have owned, I can't comment on them.

Well, I pretty much agree with what you said, except maybe about
Kenwood. I'd like to take this opportunity, however, to give my
standard speech about HTs as first and only radios. The HT is a
specialty tool, designed for foot mobile operation. It is not a
good substitute for a mobile or base radio. Think hard about how
you intend to use the radio before you make a decision. If your
operation is going to be mostly mobile, buy a real mobile rig.
It'll work much better from the vehicle than a HT.

HTs aren't derisvely called handi-scratchies for nothing. It
is painful to have to try to listen to someone trying to
participate in a discussion on the repeater when they're using
a handi-scratchie in the car. It's usually not a lot of fun
for them either since the HT usually doesn't have enough audio
be be heard well over the road noise, and there's usually a
tangle of wires to fight, connecting external antenna, vehicle
power, and perhaps a speaker mike to a HT that's flopping

around loose inside the vehicle.

If you're going to operate mainly at home, buy a base rig (or
a mobile rig and a power supply, and you can swap the radio back
and forth between car and house if you use quick release mounts).
The HT doesn't fill either of these roles well. Unless you're
primarily going to operate foot mobile, I'd advise not buying a
HT as your first radio. They make fine secondary radios for
specialty situations, but aren't usually a good choice as your
primary radio. (Lots of people are doing it, but it is still
a bad idea.)

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

5380. Re: Can I use CTCSS decode to do this...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct18.143441.7223@ke4zv.atl.ga.us>
Source record: 214459

In article <326702d8.832841@news.tiac.net> dber@tiac.com (David Bernazzani) writes:
>I'm thinking about getting a CTCSS decode for my 2M rig.
>
>The way CTCSS decode on a 2M rig was explained to me was that it would
>not break the squelch when the received frequency does not contain the
>programmed PL tone. However, does this mean that if both the distant
>repeater (with the correct PL so my rig would break squelch) and the
>local one are keying at the same time will I get interference?

You bet. CTCSS is no magic bullet. It's just a squelch. It can't
stop two signals on the same frequency at the same time from
interfering with each other. In the case you describe, the squelch
probably wouldn't even open because the local signal would capture
the receiver and block it from detecting the CTCSS tone on the
distant signal.

Gary

--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

5381. Need LM344H

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: ke4krt@radio.org
Message-ID: <548hu7$s9q@news.radio.org>
Source record: 214460

I desperately need four LM344H ICs. If you have some, or know
of a supplier, please email me. Thanks.

Phil

+--------------------------------------+
| Phil Heaton, KE4KRT, ke4krt@radio.org |
| Three can keep a secret, if two are dead |
+--------------------------------------+

5382. Re: :-) A screwey look at a get-rich-quick scheme :-)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: 00219855@bigred.unl.edu
Message-ID: <54860h$t9b@crcnis3.unl.edu>
Source record: 214461
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.snowmobiles,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketplace.vinyl,rec.music.makers.guitar.acoustic,rec.music.dylan,rec.music.artists.kiss,rec.motorcycles.dirt,rec.models.rockets,rec.games.video.classic,rec.games.video.advocacy,rec.games.roguelike.nethack,rec.games.frp.misc,rec.crafts.textiles.quilt

YES!!!! Nice Get-Rich-Quick scheme!

5383. $175.00

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: Danny <ko6oy@fishnet.net>
Message-ID: <3267935C.6362@fishnet.net>
Source record: 214462

Danny wrote:
>
> 286 laptop
> zenith 286 laptop computer super-port
> 40 mb hard drive,crt for (rgb,cga)
> comes with mouse,printer port,ext.fdd
> andext bus with lap caple.battery in good con.
> call Danny at (805)659-3341
> Email..ko6oy@fishnet.net
> thanks
$175.00 or trade

5384. Re: WTB 7L12 Plug In

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: landisj@nad.com
Message-ID: <1996Oct18.105628.654@main03>
Source record: 214463
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.antenna

In article <53l7q7$a4s@buffnet2.buffnet.net>, daveb@buffnet.net (daveb@buffnet.net) writes:
> Hi,
>
> Anybody know of any reasonably priced 7L12 Tek plug ins for sale??
> Reply to daveb@buffnet.net
> Thanks !!

Yeah, me too!

Joe - AA3GN
--
landisj@nad.com - speaking only for myself, of course
No, this is not a sig.

5385. Re: CW Forever

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: Jim Conn <jconn@gte.net>
Message-ID: <3267F11F.2620@gte.net>
Source record: 214464

Carl Stevenson wrote:
>
> In <326288E8.98A@gte.net>, Jim Conn <jconn@gte.net> writes:
> >Carl Stevenson wrote:
> >>
> >> Virtually ANYTHING is more effective than OOK Morse code ... I have
> >> posted to that effect, so have Gary, Cecil, Len, and numerous others
> > >
> > >What a ridiculous statement! I don't care how many people post it, your
> > >statement is patently ridiculous, and flies in the face of the experience
> > >of those of us who consistently work DX using CW, when SSB is not getting
> > >through because of poor band conditions! What a crock!
> > >
> >
> > Jim,
> >
> > As usual, your response is purely emotional drivel and flies in the face
> > of all established *engineering fact* ... but we already know that
> > doesn't matter to you ... you don't CARE if your statements are
> > accurate, as long as you like the sound of them and they agree with your
> > distorted view of reality, they're fine to you ...
> >
> > Carl - wa6vse
> > carl@ais.net

Theory is great, but experience is better. However, I believe theory is on my side as well, in saying that CW is more effective in poor conditions than SSB. I realize that the word "virtually" you use above means you think "practically" anything is better than morse, but I think that is an unreasonable assumption. In fact, only a few modes in use today legitimately lay claim to being more effective than CW in poor conditions, i.e., PACTOR and that genre.

Best Regards,

Jim - AD4VL

5386. Re: SCREW THE CODE!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: Jim Conn <jconn@gte.net>
Message-ID: <3267EDA6.2C71@gte.net>
Source record: 214465

Carl Stevenson wrote:
>
> Jim ... all one has to do is look/listen to the bands ... there is no
> way to dispute the fact that the vast majority of the technology in use
> dates back to at least the 1950s ... some of it (Morse code) to the
> early 1800s ...

In the fifties, there was very little SSB, and a great deal of AM. Now there is a great deal of SSB and very little AM. There was a great deal of CW then, and there is a great deal of CW now. Even if one should grant that the modes in use then and now are generally somewhat the same, the underlying technology producing those modes is much advanced and improved. There are many hams interested in the modern digital modes, I am one of them. But the old stuff can be interesting, too.

> ham radio has been left stagnating in the past as the
> rest of the world has strode forward in great leaps and bounds ... the
> fact that you have no understanding of (or desire to learn about)
> modern communications technology does NOT change the reality that you
> refuse to accept ...

Your assumption that I have no understanding of modern communications technology is pure nonsense. I have been working with state of the art technology since 1960. Incidentally, Carl, we used your favorite mode, Spread Spectrum, in the government service back in the sixties. Just because the SS mode was used then, however, does not mean one is "stagnant" if one should use it today, because the underlying implementation of SS today will be better because technology has advanced dramatically. OTOH, I don't believe ham radio has been exactly left stagnating. Read the spec sheets on some of the newer ham rigs. They don't sound "stagnant" to me. They sound very modern. I believe the various manufacturers of amateur equipment have folded in the latest technology and implemented every technological advantage they can within financial limits. There are some superb communications sets available now.

>
> No ... despite your aversion to reality, we are a service with a hobby
> aspect ... see Part 97.1 ... try reading and learning something for a
> change ... I know it's harder than spouting off with no idea of what
> you're talking about (your normal mode of operation), but you really
> should try it ..
>
> Carl - wa6vse
> carl@ais.net

Well, I believe I do know what I am talking about. Suppose your job is delivering bread to grocery stores all day. At the end of the day, your boss says you have to log on the computer and enter your time worked, which takes about 15 minutes. Then you tell your neighbors that your job is to work at a computer. You don't mention that the majority of your time is spent delivering bread. Would that be accurate, when such a small percentage of your time is spent at the computer? Likewise, when 99%, or even 90% of a ham's time is spent in hobby pursuits, and 1% or even 10% is spent in public service, what is the primary usage of ham radio? The regulation mentions service, to emphasize the operations that matter to the government, but the regulators know quite well that emergency operation is only a small portion of the average amateur's time on the air. They permit our hobby activities so we will be operationally sharp when an emergency comes up that requires our services. When I said ham radio is a hobby with a service aspect, I was speaking with reference to how the majority of our time is spent in the hobby, not what the priorities are. In order of importance, Public Service is our reason for existence. Emergency services must always come first. However, when there is no emergency (the overwhelming majority of the time) we have a lot of fun with the hobby part.

Best Regards,
Jim - AD4VL

5387. Re: Code or No Code...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: Jim Conn <jconn@gte.net>
Message-ID: <3267C299.2C9E@gte.net>
Source record: 214466

Carl Stevenson wrote:
>
> No, for the government to resstrict rights by requiring a license to do
> something, there must, of necessity, be a reason to do so ... that
> reason being the public interest, necessity, or safety.
>

A pretty naive view, Carl. The government, when it condescends to justify itself at all, often says (like "mommy" used to), "because I said so!"

>
> There is a big difference between receiving a check from the government
> (which comes from my paycheck and yours as taxes) than being permitted
> the use of a public resource which is regulated in the public interest
> by the government.
>

Nope, sorry, the government can make the decisions those individuals in charge wish to make. In the case of the FCC, those decisions may be challenged, and often are, in Federal Court. However, I doubt the courts would override the FCC's morse code test requirement for amateurs, since it has been in effect for so long. If you think they might, go ahead and file a federal suit to get the FCC rule overturned.

> Hams are SUPPOSED to "pay back" society for the use of our vaulable
> spectrum allocations by performing public service and by learning and
> training ourselves to be better in terms of technical knowledge and
> skills.
>

A worthy goal, in principle. How much are we to "pay back?" How do we know when we have paid enough? How much public service, is enough? How much "learning and training" is required? How will we know when amateur radio generally has enough "learning and training" to justify our spectrum, and how will we prove to the FCC that we do? Your turn, Carl.

> >More petty jealousy and class envy. Note that these are Carl's
> >opinions only, and should not be counted as anything more.
>
> No, they are facts ... easily seen by anyone with a minimal amount of
> intelligence ...
>

I certainly have enough intelligence to see through your preposterous allegation that those higher in class than Technician are "licensees who are, to a signicant degree, rooted in the past rather than . . . looking

towards the future and stagnating the service with their . . . insistance
on foolish rituals or antiquity." This statement of yours is pure
nonsense. I think very highly of my fellow ham radio enthusiasts. Unless
you can offer some proof for your assertions, you ought to hold off on
making them. Otherwise, please label these asseritons plainly as "Carl's
opinions."

> > I strongly dispute his
> >assertion that ham radio has been "stagnating". Where's the proof? Ham
> >radio is as vibrant and alive as ever, perhaps more so.
>
> BULLSHIT, BULLSHIT, BULLSHIT! Ham radio is stuck in the 1950s or 1960s
> somewhere and you're just too stupid to realize it ... you like the
> radio a-la "Happy Days" and want to keep that mentality, level of
> activity, and level of technology forever ... the realization that ham
> radio has stagnated would require you to admit tha YOU have staganated

There you go again, Carl, mouthing obscenities and name-calling as a
sorry substitute for logic or anything like a cogent argument in support
of your wild opinions. Carl, what other hobby in the US has its own
satellites? And we have had satellites up for a long time! That doesn't
sound like we are stuck in 1950, does it? Because the main body of the
hobby cannot afford the money or time investment required to tinker with
the latest and greatest technology, does not mean there are not individuals
within the hobby that do, or that those who cannot are indifferent to
the efforts of the few. Your assertion that ham radio is stagnated, I
suppose because some of us still use CW, is ridiculous.

> .. and that's obviously more than your ego can allow you to accept ...
>

My ego doesn't stand in my way of accepting anything that makes good old
horse sense. Carl, I do believe you get so wrapped up in the theoretical
aspects of the hobby, that you don't stop to enjoy the everyday joys of
a good old-fashioned rag chew on ham radio. Stop along the way and enjoy
yourself. Relax and smell the flowers along the way.

> >
> >The man has a perfect right to his opinion. For him, the statement
> >about CW readability is no doubt true from his perspective and experience.
>
> You can't continue to confuse the issue with your nonsense, Jim ... his
> utterance of Morse Myth #1 is patently false according to any reasonable
> engineering evaluation, and his opinion has NOTHING to do with it,
> cannot change the facts, and he needs have his error pointed out to
> him and to be refuted whenever he/you/they voice such inaccuracies, lest
> even more people be as confused about technical reality as you are Jim.
>

I am not confused at all. I simply said, and will say again, that if from
his perspective, CW is the best mode, then for him, his opinion is
correct. For instance, if a person only uses CW and SSB, experience will

prove beyond any doubt that CW will get through many times when SSB does not. That does not mean that other modes, with which the ham has no experience or knowledge, may not be better. Your crusade would perhaps be more effective if directed toward education, rather than toward the elimination of morse code testing. If you can prove the other modes are affordable, more fun, readily available, and more robust, hams will be persuaded to get involved with them. What you are doing is not having the effect you desire.

> STOP SPREADING YOUR LIES AND BULLSHIT!
>
> Carl - wa6vse
> carl@ais.net

Show me where I have lied, Carl. Opinions, clearly labeled as opinions, are not lies, but opinions. Please do not seek to cloud the issues through emotional outbursts and name calling. Incidentally, the only reason I replied to your post is because you posted to rec.radio.amateur.misc. In the future, if you will confine your posts on this subject to rrap, I won't see them, and won't be tempted to reply.

Jim - AD4VL

5388. Re: Code or No Code...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: Jim Conn <jconn@gte.net>
Message-ID: <3267C82F.4E0E@gte.net>
Source record: 214467

Carl Stevenson wrote:
>
> Right ... what did you think we would do (over the internet, remember)?
> Were you afraid we might resort to the use of "violent" words like
> "whack", "bang", "zap", "bang", and (perhaps) "crunch" ??? GIVE US A
> BREAK!!!! TRY TO GET SOME GRIP ON REALITY, JIM!!! YOU'RE REALLY LOSING
> IT ...

My point is this, that someone who resorts to such violent metaphors is emotionally unstable, because a call to violence, whether verbal or physical, allways follows an inability to resolve conflicts peacefully and logically. Such outbursts are indicative of a mentality that seeks to get its way through intimidation, rather through intelligent discourse and the application of reason.

>
> I never said that anyone should do any violence to anyone else
> .. what I said above, which you took out of context, was simply that
> the person to whom I wrote it was expressing an opinion and a view of
> life so devoid of any vision, goals, or hope for the future that
> accepting that view of the future was essentially the same as ending it
> all ...

Read your post again. You equate dropping the morse code test requirement to human death. The post you were replying to *did not say* that the writer was "devoid of any vision, goals, or hope for the future." *You* applied that to the writer yourself, then said the writer should just as well commit suicide. Pretty radical metaphor I'd say.

>
> Your zeal to twist anything that (I or) any (other) no-code advocate
> says into something evil is so outrageous as to be completely
> transparent to anyone with any sense at all ... of course the corollary
> to that is that you're completely incapable of understanding just how
> ridiculous and outrageous your rantings have become ...
>
> Carl - wa6vse
> carl@ais.net

Carl, dear fellow, I have no need to twist anything you say. Why should I? I do encourage you to tone down your rhetoric and "mellow out". Is that twisting what you say? I have asked you to prove your assertions, or brand them as opinion. Is that unreasonable? Should you try this approach, I believe you would even find it helps your cause. OTOH, if you feel I am "twisting" something you said, then explain yourself more accurately. Say, "No, you misunderstand, I did not mean that." Then,

restate your position more clearly. Reasonable inferences drawn from your statements is not the same as "twisting" your statements.

Gary Coffman, for instance, has a position similar to yours, and I have enjoyed reading his very erudite posts on this and a variety of other subjects. I disagree with his opinion that morse code testing should be dropped, but I let it go at that, because he has many other interesting and informative things to say. In fact, I have read some of *your* posts in deja news that were well stated and clearly presented. I may disagree with your opinions, Carl, but I strongly defend your right to have them, and to express them.

Best Regards,

Jim - AD4VL

5389. Re: ** FLEA at MIT ** / Electronic Superstore?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: oldbear@arctos.com
Message-ID: <oldbear.3526.00D8D426@arctos.com>
Source record: 214468
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,sci.electronics.misc,ne.forsale,ne.general,rec.radio.amateur.homebrew

allen <allenh@tiac.net> writes:

>From: allen <allenh@tiac.net>
>Newsgroups: rec.radio.swap,rec.radio.amateur.misc,sci.electronics.misc,ne.forsale,ne.gene
ral,rec.radio.amateur.homebrew
>Subject: Re: ** FLEA at MIT ** Sunday 20 October Cambridge MA
>Date: 15 Oct 1996 15:20:57 GMT
>Organization: The Internet Access Company, Inc.
>Lines: 15
>Message-ID: <540a4p$2us@news-central.tiac.net>

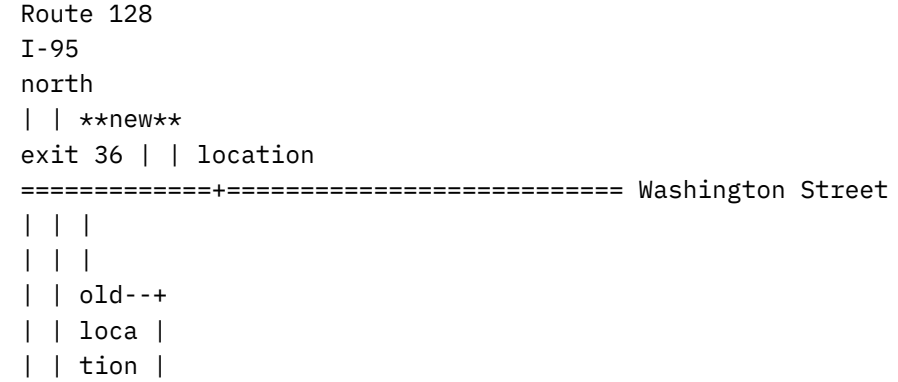
>x@apocalypse.org (Xochi Zen) wrote:

> A better bet for old electronics gear
>>is probably the Electronics Superstore (in Waltham... or is it Woburn?).
>>They'll refund your money if you buy something from them and find that it
>>doesn't work when you get it home.

>They used to be in Woburn but I couldn't find them about a month ago.
>I believe that they have moved it all to New Hampshire (darn) . Is Eli
>still in Cambridge ? Does anyone know of others in the area ? I know of
>U DO IT in Needham also .

1. Unless otherwise negotiated with the seller, items bought at
virtually all flea markets, especially old or used equipment, are
sold 'as is' -- what you see is what you get. If you have a
problem with that, you should not be buying in such venues.

2. The Electronic Superstore in Woburn has moved and changed its
name to Electronic Planet. It is much smaller and more focused on
computer-related items. It is in a strip 'flex-space' center (i.e.,
quasi-industrial-retail building) on Washington Street just past
where you used to turn to get to their old location:



| | |
| |
south

There are two other interesting electronics dealers in the same little strip complex with Electronic Planet. One sells new components and tools, similar to You-Do-It, and the other is The Used Computer Store which sells just what its name implies.

The Electronic Superstore, in its larger incarnation complete with lots of industrial surplus and a collection of used test instruments remains in its entirety at its Manchester, New Hampshire location.

Cheers,
The Old Bear

5390. Re: Can I use CTCSS decode to do this...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: adell@planet.net
Message-ID: <MPG.cd1856557a37334989692@news.planet.net>
Source record: 214469

In article <326702d8.832841@news.tiac.net>,
dber@tiac.com says...
> I'm thinking about getting a CTCSS decode for my 2M rig.
>
> The way CTCSS decode on a 2M rig was explained to me was that it would
> not break the squelch when the received frequency does not contain the
> programmed PL tone. However, does this mean that if both the distant
> repeater (with the correct PL so my rig would break squelch) and the
> local one are keying at the same time will I get interference?

That is correct. If your radio can receive a strong
enough signal from the distant repeater, it will also
allow reception. However, in most cases, repeaters on
the same output freq usually employ different PL tones
for just that reason.

>
> Basically, I have some local repeaters and some distant repeaters with
> different PL tones. I would like to monitor the distant ones and
> listen in to those even if the local ones with the same frequencies
> were active at the same time. Is this achieved with the CTCSS decode?

The CTCSS decode will allow your radio to "open" up
only for the correct tone. What will happen here is
that your radio will receive the local repeater, but
you will here no sound. In otherwords, depending on
the PL tome set, that's the repeater the radio is
looking for. It will ignore all the others.

>
> I have a feeling many people use CTCSS to keep distant repeaters from
> keying while monitoring local repeaters. I would like to use it in
> the reverse... to monitor distant repeaters with the same frequency as
> local ones.

Unless your radio had dual UHF receive, I doubt it.
The fact that your are looking for a decode unit shows
it tio be an older model. Most of radios sold today
have the decode built in and the option is for the
encode unit.

Good Luck

>
> Thanks much in advance and 73,
>

> Dave Bernazzani
>
>

--
Steve - KF2TI
ARRL LIFE MEMBER

No Code or Know Code...Who Cares??

How can you be in Two Places at Once When You're
Not Anywhere at All??

5391. New Newsgroup

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: bry@mnsinc.com
Message-ID: <548uk3$5r@news1.mnsinc.com>
Source record: 214470
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

Does anyone know if the new newsgroup:
rec.radio.amateur.boatanchors
has got started yet?

E-mail me!

Bry, AF4K

bry@mnsinc.com
Tagline: Obligatory witticism or other comment at end of a message.
Why do we like to do these things? To relieve stress of course!

5392. Re: When is Dayton 97

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: ka2ctn <ka2ctn@ix.netcom.com>
Message-ID: <01bbbd16$61e2bc00$476dd9ce@david-spillett>
Source record: 214471

It's www.hamvention.org -Dave

--

Michael Valentine <wa8msf@ix.netcom.com> wrote in article
<326796B7.532A@ix.netcom.com>...
> >
> > In <544h3s$3ea@news.ptd.net>, stevehan@ptd.net (Steve Hancock) writes:
> > >
> > >I need the dates for above to plan my vacation.
> > >Who do I contact for tickets and other info, I remember a web site
last
> > >year. This is my first Dayton show I have made plans for so feel free
> > >to pass along any tips.
> > >
> > >Steve
>
> Hi Steve! Try http://www.hamvention.com
>

5393. Anti-code Net Nuts

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: Michael Herron <GHURRICANE@gnn.com>
Message-ID: <548t57$j24@news-e2c.gnn.com>
Source record: 214472

The only reason you see so much of the Anti-code klan on the net is because most of them are bored with what little they can do on the ham bands. Carl is where he should be, here on the net with his little group of cult followers, all the time thinking he is being listened to with any seriousness. This place is like packet, A big waste of time. As for me I'll be on 40 cw. So-long Net Nuts!

5394. Re: Dealing with Contests

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: Robert Barron <barron@liant.com>
Message-ID: <3268101E.6F74@liant.com>
Source record: 214473

Gary Coffman wrote:
> In article <32650198.121E@liant.com> barron@liant.com writes:
> >Who shall decide the allowed percentage of the band to be used for the
> >contests? For other activities it's first come, first served. Why
> >should contesting be any different?
>
> Because the contest sanctioning body makes the rules?

What if the sanctioning body decides to state that 50% of a band
segment is "allowed"? Is that good enough? I'm sure some people
here would say no. But what if a time slice of some contest
weekend found more than 50% of the stations on the band operating
the contest. Would you be willing to allow a larger contest
area next time around?

Why not dynamically allocate portions of the band as demand calls
for it? That's what happens when people fill up empty frequencies
for whatever purpose they have in mind.

Everyone should ask if a frequency is in use before using a
frequency. In this way the use of the band is allocated to those
who intend to use it most. If some lid does not do that the problem
is with that individual and that should be dealt with.

> It is precisely because contesting is organized that it generates
> so much chaos on the bands. If each individual decided by himself
> when to contest, and under what rules to do so, there wouldn't be
> the band killing concentrations that organized contesting fosters.
> IE I might decide to work Sweepstakes on a Wednesday morning instead
> of a weekend if the contest sanctioning body didn't insist the contacts
> be made on the weekend, and another operator might decide Thursday
> afternoon was a good time for him. That's how other activities are
> done, but not contesting. Contesting is concentrated havoc whereas
> other activities are distributed more randomly and evenly. And that's
> a choice made by the contest sanctioning body.

Even if the choice were given to participants they would flock to those
times when they expect most other people would be on. The ARRL DX
Contest used to be 96 hours long (over two weekends) and I believe most
people concentrated their efforts in only one of them.

> I don't have a good answer for what to do about contests. Cummulative
> contests have some features that make them better sharing partners
> because they spread activity over a greater time. OTOH, sprints limit
> the duration when the bands are unusable by others. Both have their
> pluses and minuses. Single band and/or single mode contests limit the

> problems for other bands and/or modes, but they totally wreck the band
> and/or mode of the day. OTOH, any band and any mode contests spread the
> load and aren't as disruptive to any particular other activity. Pluses
> and minuses again.

I don't have a good answer either. I admit that contests can use up
the band like almost nothing else. But it's a band full of people
making
contacts, using their radios and having fun.

And yes, contesting is explicitly in the Part 97 rules concerning the
reason for being in Amateur Radio. But I'd like Amateur Radio a lot
less
if every incident of "fun" to be found in Amateur Radio is denounced as
stupid, backward, archaic or whatever other insult someone wants to
throw
out.

I lament incidents where things can get ugly and try at all times to
refrain
from doing that myself. I've been run off by people who start calling
CQ
(non-contest) after I've been on a frequency for over an hour. Do I
think
that rag-chewers are jerks because of this? Of course not!

> Or, how about this? Lets have a new entry class for contests. This
> class is for stations who listen only and provide reports of stations
> transmitting over non-contest stations. Each report would be worth
> 1 point to the reporter, and would result in 10 points being subtracted
> from the score of the station reported. I bet we could get a lot of
> stations to participate in that, I might even be tempted to submit
> a log, and it might do wonders for the operating manners of contesters.
> Bet a lot of them would wind up with negative scores. :-)

Yes they might. But would that be realistic? An effort to sabatoge
(sp?)
some individuals effort with a bunch of bogus reports smacks almost of
jamming but without having to generate a signal. It might be less
"disruptive" but the results are much the same!

73,

Robert KA5WSS
barron@liant.com

5395. Re: Code or No Code...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: adell@planet.net
Message-ID: <MPG.cd1f0b4b915f9b5989694@news.planet.net>
Source record: 214474

```
> Carl Stevenson wrote but spelled like a 2nd grader:
> >
> > No, for the government to resstrict
^^^^^^^^
RESTRICT one to many ess's Carl maybe you could add
the extra to this word which describes you DUMB AS_

rights by requiring a license to do

> > Hams are SUPPOSED to "pay back" society for the use of our
vaulable
^^^^^^^ VALUABLE

the following Carl statement has activated the C.A.R.L.
warning

Carl Anal Retentative Language Warning. Activated when
Carl reverts to his insulting anally retentative
remarks/insults/comments

> > BULLSHIT, BULLSHIT, BULLSHIT! Ham radio is stuck in the 1950s or 1960s
> > somewhere and you're just too stupid to realize it ... you like the
> > radio a-la "Happy Days" and want to keep that mentality, level of
> > activity, and level of technology forever ... the realization that ham
> > radio has stagnated would require you to admit

tha YOU have
^^^

THAT jesus Carl you can be this STUPID

staganated
&^^^^^^^^^ STAGNATED Tell us again Carl how your
supposed back injury causes you to misspell a word
after spelling it only a handful of words before. God
you're pathetic

What Carl..no FUD's?? very disappointing. But still,
you gave the spell checker a real workout.

Keep Up the good work
--
Steve - KF2TI (Advanced Class & Damned Proud of IT!)
ARRL LIFE MEMBER

No Code or Know Code...Who Cares?? Carl do
```

How can you be in Two Places at Once When You're
Not Anywhere at All??

5396. Spectrum Defense Bulletin #1

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: Perens@Hams.com
Message-ID: <548qd9$can@samba.rahul.net>
Source record: 214475
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.policy

AMATEUR RADIO SPECTRUM DEFENSE BULLETIN
Friday, October 18, 1996.

ACTION NEEDED BEFORE ELECTION DAY!

PLEASE DISTRIBUTE THIS INFORMATION TO YOUR LOCAL HAM RADIO CLUB and to any U.S. hams you communicate with.

If we do not act now, our 2305-2310 MHz frequency band will be sold at auction! Other Amateur bands may not be far behind. Please FAX or mail the following letter (or write your own letter) to your congress and senatorial candidates and incumbents before the election!

Here is a template for a letter, or you can write your own. Of course, please read the entire template carefully replace the information surrounded by "***" with the correct information for your letter. If you can, please tell us who you've contacted or send an entire copy of your letter. Use the e-mail address letter-copy@hams.com .

You can find the addresses and telephone numbers of your congressperson and senators using a World Wide Web browser. Use the web page http://www.voxpop.org/zipper/ . Pass your legislator's addresses and phone numbers on to the hams in your district, along with the template.

********** Cut here - Start of Letter **********

CONGRESSPERSON_OR_SENATORS_NAME ***YOUR_NAME***
ADDRESS ***YOUR ADDRESS***

Dear ***CONGRESSPERSON_OR_SENATORS_NAME***, ***DATE***

I am a Ham Radio Operator. There are over 600,000 licensed Radio Amateurs in the United States, and many of us are voters in your own district. You've probably heard of the role of Radio Amateurs as public-safety volunteers: we regularly provide emergency communications to local emergency services, the Red Cross, and to Federal disaster programs when natural disasters have devastated power lines and telephone networks. Amateur Radio also is also important to education: many of today's high-tech pioneers first learned electronics by becoming Amateur Radio Operators, and many inventions in communications and computer technology continue to be made by Radio Amateurs.

In the last hours of the past Congressional session, language was added to the Omnibus Budget Bill to sell one of the ham radio frequency bands! The 2305-2310 megahertz band will be taken away from Radio Amateurs, and will be sold to the highest bidder. I've included the

text of that part of the bill at the end of this letter. The bill was passed by Congress and signed by the President.

Reallocation of frequency bands is usually the jurisdiction of the FCC. We were deprived of any chance to be represented because the FCC's public comment procedure was bypassed, and because the text of the bill was not released to the public before it became law. Because the Omnibus Budget Bill was 2000 pages long and this text was added to it at the last minute, you may very well have voted for the bill without ever reading the portion that reallocated our frequency band.

Amateur Radio is currently in deep trouble holding on to its frequencies. In the past several years, we've lost several frequency bands and have been forced to share others with unlicensed transmitters that have effectively forced us off the air. Currently, almost every Amateur Radio frequency band is under attack by companies that would like to acquire our frequencies and charge others for using them. We've already lost as much as we can tolerate.

Please write back to me. Tell me if you voted to pass the Omnibus Budget Bill, and if you were aware of the provision to sell the 2305-2310 megahertz frequency band when you voted. Please tell me if you are willing to help us retain this frequency band and protect our other frequencies when the Congressional session begins in January. You can start helping right now by contacting the Washington counsel of the American Radio Relay League, Mr. Chris Imlay, at 202-296-9107 or 202-296-9100.

Many Thanks

YOUR_NAME
Radio Amateur ***YOUR_CALLSIGN***

Here is the text of the the portion of the Omnibus Budget Bill, public law 104-208, that directs FCC to sell our frequencies.

TITLE III -- SPECTRUM PROVISIONS

SEC 3001. COMPETITIVE BIDDING FOR SPECTRUM

(a) COMMISSION OBLIGATION TO MAKE ADDITIONAL SPECTRUM AVAILABLE -
The Federal Communications Commission shall --
(1) reallocate the use of frequencies at 2305-2320 megahertz and 2345-2360 megahertz to wireless services that are consistent with international agreement concerning spectrum allocations; and
(2) assign the use of such frequencies by competitive bidding pursuant to section 309(j) of the Communications Act of 1934 (47 U.S.C. 309(j)).

(b) ADDITIONAL REQUIREMENTS -- In making the bands of frequencies described in subsection (a) available for competitive bidding, the Commission shall --
(1) seek to promote the most efficient use of the spectrum; and

(2) take into account the needs of public safety radio services.

********** Cut here - END OF LETTER **********

HELP PROTECT YOUR BANDS! Get the Spectrum Defense Bulletin by e-mail,
and ACT ON IT! Use the web page http://www.hams.com/Defense/ or send
e-mail to Defense@hams.com .

The Spectrum Defense Bulletin is edited by Bruce Perens AB6YM. Much of
the material in this bulletin came from ARRL, especially from Pacific
Division Director Brad Wyatt. For information on the Spectrum Defense
Bulletin, or to submit material for publication, send e-mail to
<perens@hams.com> .

5397. Re: Spread Spectrum on the HF Ham Bands

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct18.234643.8588@ke4zv.atl.ga.us>
Source record: 214476
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <01bbb3e0$07e4c520$LocalHost@jim-reid-1> "Jim Reid" <jreid@aloha.net> writes:
>Spread Spectrum modulation techniques have been suggested
>as the solution to band crowding. Also the technique is said to
>be an excellent weak signal, dense signal environment
>mode for amateurs.
>
>Well there are problems not being considered by those proponents
>of this technology. As Carl, and perhaps others have noted,
>there are restrictions about modulation techniques for the
>HF amateur bands. Why?
>
>Not because of technology problems; but because of so called
>"National Interests". What?
>
[25 year old example snipped]
>
>Amateur signals have characteristics of interest to a sovereign
>nation beyond the parameters we usually consider. Our HF
>signals can be detected, that is they are not somehow hidden,
>for example below the thermal noise level of the ktB sort plus
>system noise; they are open for anyone to receive, demodulate
>and understand the information being transmitted (amateurs
>are prohibited from transmitting covertly or to convey commercial,
>paid for, traffic, for example), therefore the FCC still maintains
>monitoring stations, among other things, for example, to assure
>the common carrier tariffed operators that amateurs are not
>carrying commercial traffic. So the FCC sees to it that no
>amateur band signal is transmitted which is non-detectable
>nor non-decipheralbe/demodulatable (if that is a word). And,
>it is in the national interest, at times, to be able to deny the
>transmission of signals carrying information. So amateur band
>signals are all of a sort that are easily detectable by present
>US government monitoring equipment, and could, if needed,
>be denied (jammed).
>
>For these reasons alone, the possibility that any amateur band
>transmission at HF will ever be sanctioned which could operate
>below the noise level, simultaneously with many others of the
>same sort, using spread spectrum techniques which allow them
>to be separately detected and individually demodulated (which
>does require apriori knowledge about unique and individual
>transmission parameters by both transmitter and recipient) will
>NEVER be allowed in the U S of A !

National Technical Means have changed dramatically in the last
25 years. This has been necessary because foreign powers do not
have to comply with FCC regulations, and spies and criminals
never did comply. HF, and other parts of the spectrum, are filled
today with SS signals. The world's militaries probably account
for the majority of SS usage on HF today, but there is a significant
non-military presence as well. At UHF and above, SS has become a
normal technique for commercial as well as government transmission
systems. The huge proliferation of Part 15 SS wireless LAN products
is only the tip of the iceberg. This has forced improvement of NTM
to intercept or deny this sort of signal. The means to do this aren't
necessarily easy, but there has been no choice but to develop them.

Currently, amateurs face much tighter restrictions on SS operation
at VHF+ than do *unlicensed* individuals. This is not a sane or
rational policy. And amateurs today are forbidden SS techniques
which hold promise of great advantages on HF while foreign powers,
spies, and criminals are free to exploit such systems for their
own purposes. This too is neither sane nor rational.

The only persons being harmed by this regulatory attitude,
are those law abiding people who would seek permission before
using such techniques, IE who would be licensed, and who would
comply with certain parameter restrictions to ensure that LPI
would not be the primary feature of such systems. (You can have
most of the advantages of SS without Low Probability of Intercept
features, though such systems are a bit more clumsy to implement.
In fact, for amateur purposes, LPI is counterproductive. We *want*
others to be able to easily make contact with us and copy our
transmissions.)

>Each such signal must
>have a unique parameter other wise it could not be separated,
>detected and decoded from among the other simultaneous
>spread spectrum signals. Technology is not the problem,
>but because it might become detrimental to the sovereign
>interest. Further, such spread spectrum signals at HF,
>as being proposed, could not be separately and individually
>selected for denial to a particular recipient by jamming;
>all signals in the spectral region would also be jammed,
>or more nicely, denied.

That's not, in general, true. SS signals are generally very
jam resistant against techniques which try to deny large areas
of spectrum (that's because the signals are subject to only a
tiny fraction of the jamming energy at any given time), and
against techniques which try to deny narrow slices of spectrum
too (that's why they offer a useful band sharing benefit). But
they are subject to targeted jamming by signals copying their
characteristics. In fact, this is about the only way to jam SS
signals effectively. NTM have been developed to do that by
necessity since our potential opponents have no qualms about

fielding SS communications systems. Such methods could also be turned against licensed US citizens if the government chose. (If they did so choose, I'd suggest it was time to change the government, but that's an argument for another day.)

In an earlier time, a US Secretary of State said, "Gentlemen don't read other gentlemen's mail." And I might add, that they don't peep through keyholes or listen at doorways. However, it is clear that some people in the world are not gentlemen, among them some members of the US government, so a large espionage and counterespionage activity has been spawned. This has resulted in a technological arms race in secure codes and secure communications, and in ways to breech that security.

Techniques which were once secure, no longer are. If the non-gentlemen in government want to intercept and read a gentleman's mail, they often can. But conversely, this technological genie is well and truly out of the bottle. If a non-gentleman really wishes the government non-gentlemen not to read his mail, the tools are at hand to prevent that too (strong, even theoretically unbreakable, crypto systems exist, and are within reach of anyone determined to use them). Thus government snooping tools are only really effective against those who are generally either stupid, inept, or who are law abiding and thus should be of no legitimate interest to gentlemen in government.

When Secretary Hull said that "gentlemen don't read other gentlemen's mail", he was making a moral statement. But today, strong crypto techniques have changed that to "gentlemen *can't* read other gentlemen's mail if the gentlemen don't want it read." A wide net of receivers can, however, often detect that such mail is being sent.

In fact, large scale deployment of SS receiving capabilities would be an aid to detecting those who are not using SS for legitimate purposes. Hams have served in this way before by detecting and reporting message traffic in codes they could not understand to the authorities. Right now, because of restrictions against amateur use of any form of SS technique at HF, amateurs are generally unaware that SS activity is indeed taking place on their bands daily, and thus have no idea if this activity is legitimate or not.

If allowed to use SS, amateurs would be more likely to detect these other signals (thanks to the near-far effect of even LPI enhanced SS, a wide net of SS receivers has a much higher probability of detecting their presence than the limited, and shrinking, number of government monitoring stations). And even though the illegitimate signals might be strongly encrypted, and their traffic thus unreadable even by NSA's Crays, amateurs could at least report them to the authorities for further investigation as to their origin and nature.

Denying the very real other benefits of SS technology to licensed individuals, who would comply with restrictions against LPI and

really strong encryption, is a harm to those individuals while offering
no net gain to those in government who would monitor for legitimate
purposes.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

5398. Re: Anti-code Net Nuts

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: steve <kd6fyk@wco.com>
Message-ID: <32684B6B.5185@wco.com>
Source record: 214477

Michael Herron wrote:
>
> The only reason you see so much of the Anti-code klan on the net is
> because most of them are bored with what little they can do on the
> ham bands. Carl is where he should be, here on the net with his
> little group of cult followers, all the time thinking he is being
> listened to with any seriousness. This place is like packet, A big
> waste of time. As for me I'll be on 40 cw. So-long Net Nuts!

GOOD-BYE AND GOOD LUCK
BORED ON 50.110-1296.1

5399. RF trouble in 1995 Celica?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: Robert Brandon <rbrandon@austin.ibm.com>
Message-ID: <3267F5AD.B22@austin.ibm.com>
Source record: 214478

I'm thinking about getting a Yaesu FT-8000 to mount in the dash of my 1995 Celica. Has anyone done this? Any RF trouble?

5400. The True Carl Exposes Himself All Hail Carl King of fools

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: adell@planet.net
Message-ID: <MPG.cd218e5990f9897989696@news.planet.net>
Source record: 214479

The true Carl has exposed himself. Let us review

In article <549ap4$6hk@news.ais.net>, carl@ais.net
says...
>
> Your asinine, ridiculous comments leave no doubt that you haven't a
> clue about modern communications technology ... I'm sure I have
> technicians in their mid 20s working for me who know far more than you

I count 4 insults from the king of fools

> They sound about 10-15 years behind the times (for anything except ham
> radio, that is) ... if you knew where things were today, you'd know
> that ...

Ah yes, the mysterious future technology that only
Carl, king of fools is privy (pun intended) to

> This just goes to show again how little you know ... I'm sure you were
> one of the first ones to get suckered into one of those "high-tech"
> quadruple conversion superhets ... aka "Spur Gardens" ... at an
> inflated, bend over and grab your ankles price ... "Duh, gee Mabel, it's
> got 4 IFs ... must be better than our old one, that only had 3 ..."
>

More insults from the man (and I use this term loosely)
supposed help create. The truth be known

>
> Well, I believe that you're seriously self-deluded ... EVERY argument
> you've made since I first encountered you here has been totally absurd
> and technically inaccurate ...

Isn't it interested that everyone is deluded and
absurb...must be Carl's paranoid delusions kicking in.
What' a matter Carl did the prozac wear off?? Are we
having a rough day?? Poor baby. Amazing you haven't
called anyone an asshole yet.

> Yeah, hanging out on 14.313 and screaming obscenties like an asshole
> really helps to keep one operationally sharp, all right ... so does
> seeing how badly you can stomp your competitiors int the dust in the
> contest of the weekend ... so does saying "What's your 10-10 number?"
> over and over and over again ... so does "UR 599 in ___ PSE QSL TNX
> <SK>"

ooppss..typed too soon Anally Retentive statement
alert....For someone who doesn't work HF, you seem to
know an awful lot about what goes on 14.313. Are you
typing from experience??? And again, insulting the
entire amateur community about what floats their
boats?? tsk tsk Carl...must be so sad to be
compensating for that teeny tiny weinie people have
been saying you've got. Such anger such malice poor
thing...

> What we need Jim, is a test that will keep idiots from getting
> licenses ...

too late..you've already got one 20 proud years of
tech plus.

>
>
> Carl - wa6vse All Hail the fools of the newsgroup and Carl is their king
> carl@ais.net
>
>
>

--
Steve - KF2TI (Advanced Class & Damned Proud of IT!)
ARRL LIFE MEMBER

No Code or Know Code...Who Cares??

How can you be in Two Places at Once When You're
Not Anywhere at All??

5401. Re: Code or No Code...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: Roland.Stiner@cybernet.magsystems.com
Message-ID: <d6b_9610190400@magsystems.com>
Source record: 214480

J>You might want to look at the statistics showing how the hams are
>getting older and older and there are not nearly enough young ones to
>enter the hobby. In Finland, the average ham age in the last 4 years has
>increased by 3 years. That means pretty clearly that young men and
>women are not entering the hobby. Guess what happens when the large
>post-war generations get old within the next 15 to 20 years or so.

As hams get older, the average intelligence gets higher. The reverse is
also true.

OLX 1.53 ...73 DE: NK2U@CYBERNET.MAGSYSTEMS.COM

--

5402. ARLP043 Propagation de KT7H

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: w1aw@arrl.org
Message-ID: <$arlp043.1996@arrl.org>
Source record: 214481
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB PROP @ ARL $ARLP043
ARLP043 Propagation de KT7H

ZCZC AP63
QST de W1AW
Propagation Forecast Bulletin 43 ARLP043
From Tad Cook, KT7H
Seattle, WA October 18, 1996
To all radio amateurs

SB PROP ARL ARLP043
ARLP043 Propagation de KT7H

Solar activity is still low, and we have just seen still another week of zero visible sunspots. October 16 was the thirty forth consecutive day with no sunspots. This surely means that we must still be at the minimum between solar cycles 22 and 23. The current forecast, based upon the mean values of solar cycles 18 to 22 says that the next cycle will not have the same average sunspot number value as January 1995 (24) until June 1997. The same prediction for solar flux shows that the value for January 1995 (81) is not expected again until December 1997. Remember that these are only guesses based upon averages for previous solar cycles.

Current forecasts predict some unsettled to active conditions over the next week due to recurring coronal holes, with a solar flux of around 70 for the next few weeks. Unsettled conditions will probably return around November 9, with solar flux dipping below 70 again after November 2.

After lasts week's inclusion of the A index in the summary of weekly numbers, I received some questions about what the A index is.

The A Index is based upon the K index over a 24 hour period. A new K index is announced every three hours on WWV, at 0000, 0300, 0600, 0900, 1200, 1500, 1800 and 2100 UTC. K indices are an expression of geomagnetic instability. The scale changes very little, so that each point is quite significant.

Ideally HF operators would love to see a constant K index of 0 and a solar flux over 300, but it almost never works out that way. During periods of high solar activity, the K index tends to be higher, because when the Sun is more active it spews out more protons, plasma and flares, which can destabilize the Earth's magnetic field, cause the ionosphere and polar regions to absorb radio waves and

generally make life miserable for HF hams.

Now that we are at the low point between solar cycles 22 and 23, the K index is usually quite good, around 1 or 2. During the high part of a solar cycle, it tends to be 3 most of the time, 4 when conditions are unstable, and 5 or even higher when there is a geomagnetic storm or even a radio blackout. Each point signifies a big change, so that we almost never observe a K index of 6 or 7, except when there has been a big solar flare.

The A index, based on all the K indices for the day, has a much broader range. The A index will move much more. While I am writing this, the Solar Flux is 69, A index is 4, and the most recent K index is 2. A typical condition during higher solar activity is a K index of 3 and an A index of about 15, or perhaps a K index of 4 and A of around 20 if conditions are disturbed.

During the past week The highest A index was 19 on October 13, and the highest K index for the day was 5, which is quite disturbed. The average K index for that day was only 3.7, as the K of 5 only appeared during two three hour periods, and several other periods had a K of only 2.

Sunspot Numbers for October 10 through 16 were 0, 0, 0, 0, 0, 0 and 0, with a mean of 0. 10.7 cm flux was 67.6, 66.4, 67.2, 67.6, 68.6, 69 and 68.6, with a mean of 67.9. Planetary A indices for the same period were 7, 7, 13, 19, 11, 5, and 8, with a mean of 10.
NNNN
/EX

5403. ARRL Letter Electronic Update 10/18/96

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: "Lindquist, Rick, KX4V" <elindquist@arrl.org>
Message-ID: <548hb3$fk0@mgate.arrl.org>
Source record: 214482
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

The ARRL Letter
Electronic Update
October 18, 1996

IN THIS UPDATE . . ..

* Gate 2 calls could come by late October
* Congress puts a piece of the 2.3-GHz ham band up for bid
* Special notice: ARRL election ballots
* Alexanderson alternator to take to airwaves!
* Solar activity flat--Minimum could be at hand
* ARRL field organization volunteers honored
* Tucker Electronics quits ham radio business
* Reno Faber, ZS6OF, SK
* In Brief: FCC toll-free area expanded; Call-sign server; DARA scholarships; K2BSA/1 JOTA operation; Young hams up; W9DCQ gets JSC post; RAC move completed; ZS5AKV reappointed; DOVE-OSCAR 17 update

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FIRST-DAY VANITY CALL SIGNS COULD BE ISSUED BY MONTH'S END

As of October 4, a little more than 5900 Gate 2 vanity call sign applications had arrived in the FCC's Gettysburg, Pennsylvania, office for processing--most of them on paper but with an increasing percentage of electronic applications. An FCC spokesman hazarded a "guess" that the FCC could be ready to randomly process first-day Gate 2 receipts by the last week in October, if all goes well. By October 11, approximately 2500 day-one applications had been entered into the FCC's computer. Slightly more than 4500 applications were filed on September 23, the opening day of Gate 2. An estimated 100 or so applications arrived too early at the FCC's fiscal agent. The FCC has dismissed these applications, and affected individuals will need to file a new vanity call sign application and send in another $30 fee. Hams whose applications are dismissed must request a refund in writing and under separate cover.

Overall, since the vanity program began earlier this year with the opening of Gate 1 on May 31, an estimated 10,000 applications have been filed with the FCC for call sign changes.

CONGRESS DIRECTS FCC TO PUT 2.3 GHZ SPECTRUM UP FOR BID

Possibly for the first time ever, Congress has directed the reallocation of specific frequencies, including 5 MHz that Amateur Radio shares with

government services between 2305 and 2310 MHz. During its final hours before adjournment, the 104th Congress approved a provision as part of a much larger appropriations bill that directs the FCC to put 30 MHz of spectrum in the 2.3-GHz region up for competitive auction to help balance the budget.

The National Telecommunications and Information Administration (NTIA) had identified for reallocation the amateur segments 2300-2310 MHz and 2390-2400 MHz in May 1994, so reallocation of part of that subband came as no surprise (see QST, Jul 94, p 85, and Aug 94, p 72). Last year, hams scored a major victory by getting a primary allocation on the subbands 2390-2400 MHz and 2402-2417 MHz.

The recent congressional action will reallocate 2305 to 2320 MHz and 2345 to 2360 MHz--30 MHz in all--to "wireless services that are consistent with international agreement concerning spectrum allocations." The action was included in the massive, 2000-page Omnibus Consolidated Appropriations Act, which was passed by Congress and signed by President Clinton. The act now is Public Law 104-208.

Shortly after the measure was introduced in the Congress, the ARRL sent messages to House and Senate Commerce Committee and Appropriations staff members to alert them to the League's concerns and the possible impact the bill would have on the amateur allocation at 2300-2310 MHz. The measure also was opposed by the Senate Commerce Committee leadership, which stated that auctions ought to be used only for assignment purposes, not as a means of raising Federal revenues. The newly reallocated spectrum is to be put up for bid no later than next April.

ARRL Executive Vice President David Sumner, K1ZZ, said it's too early to know the implications for Amateur Radio. "Congressional action directing the reallocation of specific frequency bands is very unusual, and may even be unprecedented," he said. "We have been waiting for the other shoe to drop on 2300-2310 MHz ever since 1994, and to some extent we are still waiting." Sumner expressed the hope that the action might provide the opportunity to strengthen Amateur Radio's claim to 2300-2305 MHz.

Watch for further details in December QST.

SPECIAL NOTICE: ARRL ELECTION BALLOTS

Attention ARRL members in the Central, Hudson, New England, Northwestern, Roanoke, Rocky Mountain, and Southwestern Divisions. Ballots have been mailed to all ARRL full members in these divisions who were members as of September 10. If you are eligible to receive a ballot but have not received one by October 26, you may request a replacement from the Secretary, ARRL. Completed ballots must be received by the independent auditor who is overseeing the balloting no later than noon Friday, November 15.

Candidates are: Central Vice Director, Mike Hoshiko, W9CJW, and Howard S. Huntington, K9KM; Hudson Director, Frank Fallon, N2FF, and Richard Sandell, WK6R; Hudson Vice Director, J. P. Kleinhaus, AA2DU, and Peter J. Malvasi, WB2BYQ; New England Director, Bill Burden, WB1BRE, and Tom Frenaye, K1KI; New England Vice Director, Don Haney, KA1T, and Hal Offutt, K8HVT;

Northwestern Director, Mary Lou Brown, NM7N, and Mary Elizabeth Lewis, W7QGP; Roanoke Director, John Kanode, N4MM, and Reed Whitten, AB4W; Rocky Mountain Director, Gunnar Carlson, AE4W, and Marshall Quiat, AG0X; and Southwestern Director, Fried Heyn, WA6WZO, and Glenn T. Webb, W6FP.

WORLD'S OLDEST LONGWAVE TRANSMITTER TO BROADCAST MESSAGE

The world's only working Alexanderson alternator will broadcast this month from Sweden on 17.2 kHz. A nostalgic Morse code transmission at 0900 UTC on October 23 from station SAQ in Grimeton on Sweden's west coast will commemorate the declaration of the radio station as an historic building. The RCA Alexanderson alternator was built in 1924. The SAQ site, complete with six antenna towers and the 200-kW transmitter, are under the care and management of Telia Mobitel, a Swedish mobile telephone company, and the radio museum of the Radio Historical Society of West Sweden, which operates club station SK6RM. Ulf Sjoden, SM6CVE, has helped to organize the event.

SAQ also will transmit a test on October 21, at approximately 1100 UTC. SAQ requests listener reports of both the test and the commemorative message via telephone at 46-340-74251 or fax at 46-340-74195. Callers will be reimbursed for the cost of the call. The operator at SAQ is Bengt Dagaas, who is not a ham.

The Alexanderson alternator was developed during the early years of wireless by Ernst Alexanderson, a Swedish-American. The device is essentially a large, electromechanical high-frequency alternator with a high-speed rotor that's connected directly to an antenna system. A similar station once operated on Long Island. The circuit was used to transmit telegrams and messages between Europe and the US.

Last fall, Amateur Radio station 7S6SAQ operated from the SAQ site to celebrate 100 years of radio and the 70th anniversary of the radio station (see "Up Front," QST, Nov 95, p 14, for a picture of the Alexanderson alternator and the antenna system). During September 1995, SAQ itself transmitted a message to England which was relayed via landline from a BBC monitoring station to those attending a "100 Years of Radio" conference in London.

[Thanks to Rod Brown, WG8W; Ray Minichiello, AA1KG, of the Guglielmo Marconi Foundation USA; Ulf Sjoden, SM6CVE; and Nils Gustafsson, AB4FG, for their help in compiling this report.--Ed]

SOLAR ACTIVITY STAYS FLAT--THIS COULD BE THE MINIMUM

Sun watcher Tad Cook, KT7H, of Seattle, Washington, reports today that solar activity is still low, and we've just seen yet another week of no visible sunspots. October 16 was the 34th consecutive day with no sunspots. This surely means that we must still be at the minimum between solar cycles 22 and 23. The current forecast--based upon the mean values of solar cycles 18-22--says that the next cycle won't have the same average sunspot number value as January 1995 (24) until June 1997. The same prediction for solar flux shows that the value for January 1995 (81) is not expected again until December 1997. Remember that these are only guesses, based upon averages for

previous solar cycles.

Current forecasts predict some unsettled to active conditions over the next week due to recurrent coronal holes, with a solar flux around 70 for the next few weeks. Unsettled conditions will probably return around November 9, with solar flux dipping below 70 again after November 2.

We've begun to include the A index in our summary of weekly numbers. The A Index is based upon the K Index over a 24-hour period. A new K Index (an expression of geomagnetic instability) is announced every three hours on WWV, at 0000, 0300, 0600, 0900, 1200, 1500, 1800 and 2100 UTC. The scale changes very little, so that each point is quite significant. Ideally HF operators would love to see a constant K index of 0 and a solar flux over 300, but it almost never works out that way. During periods of high solar activity, the K Index tends to be higher, because when the Sun is more active it spews out more protons, plasma and flares. This can destabilize Earth's magnetic field, cause the ionosphere and polar regions to absorb radio waves and generally make life miserable for HF ops. Now that we are at the low point between solar cycles 22 and 23, the K Index is usually quite good, around 1 or 2. During the high part of a solar cycle, it tends to be 3 most of the time, 4 when conditions are unstable, and 5 or even higher when there is a geomagnetic storm or even a radio blackout. Each point signifies a big change, so that we almost never observe a K Index of 6 or 7, except when there has been a huge solar flare.

The A Index, based on all the K indices for the day, has a much broader range. The A Index will move much more. As this report is filed, the solar flux is 69, the A Index is 4, and the most recent K Index is 2. A typical condition during higher solar activity is a K Index of 3 and an A Index about 15, or perhaps a K Index of 4 and an A Index of around 20 if conditions are disturbed. During the past week The highest A Index was 19 on October 13, and the highest K index for the day was 5, which is quite disturbed. The average K Index for that day was only 3.7, as the K of 5 only appeared during two three-hour periods, and several other periods had a K of only 2.

Sunspot numbers for October 3 through 9 again were 0 across the board. The 10.7-cm flux was 69.6, 69.4, 68.5, 68.8, 68.3, 67.9 and 67.9, respectively, with a mean of 68.6. Planetary A indices for the same period were 13, 5, 3, 3, 4, 6, and 18, respectively, with a mean of 7.4. Sunspot numbers for October 10 through 16 remained 0 through the period. The 10.7 cm flux was 67.6, 66.4, 67.2, 67.6, 68.6, 69 and 68.6, respectively, with a mean of 67.9. Planetary A indices for the same period were 7, 7, 13, 19, 11, 5, and 8, respectively, with a mean of 10.

Anyone wanting to contact the author of this bulletin may send e-mail to tad@ssc.com or packet mail to KT7H@N7DUO.WA.USA.NOAM.

ARRL FIELD ORGANIZATION VOLUNTEERS OF THE YEAR

The ARRL has named seven League volunteers as Field Organization Volunteers of the Year. Cited for 1996 awards were:

* Atlantic Division: Bruce Zellar, KA2GJV, Fulton, New York
* Dakota Division: Larry Narikawa, N0OQA, Apple Valley, Minnesota
* New England Division: Walter Parker, W1SQV, Windham, Maine
* Northwestern Division: Donald Allan, KG7XY, Goldendale, Washington
* Pacific Division: Jim McCauley, AB6EU, Glenn Ellen, California
* Southwestern Division: Tuck Miller, KC6ZEC, National City, California
* West Gulf Division: Mac McDonald, K2GKK, Oklahoma City, Oklahoma

In a letter to each honoree, ARRL President Rod Stafford, KB6ZV, said that the award recognizes "accomplishments and contributions of the most exemplary nature," and included teamwork spirit, service to the public and fellow amateurs, exceptional performance, recruitment and training of other volunteers, and community relations.

"The League is a volunteer-based organization," Stafford concluded. "Without the selfless work performed by volunteers such as yourself, there would be no ARRL."

TUCKER ELECTRONICS BOWS OUT OF HAM RADIO BUSINESS

Tucker Electronics has closed its Dallas, Texas, retail outlet and mail-order business and sold its inventory to Ham Radio Outlet. The move put about 15 people out of work, according to Tucker's executive vice president and CEO John Holloran Jr. HRO has acquired Tucker's ham radio assests as well as those of Oklahoma Comm Center, which Tucker acquired in July. Holloran called the move "primarily a business decision."

"To us, it wasn't a viable business for us to continue," he said.

Ham Radio Outlet will not occupy the former Tucker store location, and all ham radio sales activity at Tucker ceased on October 16. HRO plans to consolidate Tucker's retail and mail-order operations with its New Hampshire store location. Tucker's toll-free order number, 800-559-7388, will be answered by HRO's New Hampshire store for now. Ham Radio Outlet will continue to market the Tucker brand of accessories. HRO also reports it plans to open some new locations.

Holloran said the move will allow Tucker Electronics to concentrate on its core business, distributing new and reconditioned electronic test and measurement equipment.

RENO FABER, ZS6OF, SK

Past-president of the South African Radio League Reno Faber, ZS6OF, died October 13 after a long illness. Throughout his life, he was dedicated to the SARL and its development, and he served the SARL in many capacities, including as its president and, for many years, as editor of Radio ZS. "His key is silent, but his memory will live forever. Rest in peace, old friend. We will miss you."--Hans van de Groenendaal, ZS5AKV

In Brief:

* FCC toll-free expanded: Residents of 26 states now can reach the FCC's National Call Center by calling 888-CALL-FCC (888-225-5322). Arizona, Washington DC, Iowa, Maryland, Massachusetts, Missouri, New Hampshire, Oregon, Rhode Island, Texas and Washington (state) are the latest to join the growing list as the Commission phases in the toll-free information service geographically. Plans call for the service to be available in all states by early 1997. The Call Center, located in Gettysburg, Pennsylvania, operates between 8 AM and 5:30 PM Eastern Time. States added to the system earlier this year include Delaware, Florida, Georgia, Illinois, Kansas, Maine, Michigan, Minnesota, Montana, Nebraska, Oklahoma, South Carolina, Vermont, Virginia and Wyoming.

* Call-sign server: Mark Downing, AC6PN, of Costa Mesa, California, invites vanity call sign applicants to use his Internet call-sign server to check for newly issued call sign grants. It's at http://www.rdatasys.com/~mdowning/fcc/callsign.html. Among other things, you can choose a list of the previous day's vanity call sign grants. The database also will provide your grid square and even generate a map (may not work with all browsers). It also allows searches by call sign or any combination of name, city, state, or zip code.

* DARA scholarships: The Dayton Amateur Radio Association is now accepting applications for its $2000 scholarships. Eight scholarships will be awarded. Initial applicants must be licensed Amateur Radio operators and high-school seniors graduating in 1997. To obtain an application, send a request with a self-addressed, stamped envelope to: DARA Scholarships, 45 Cinnamon Ct, Springboro, OH 45066-1000.--Stan Kuck, NY8F

* K2BSA/1 JOTA operation: The Burlington (Vermont) Amateur Radio Club is providing equipment and operators for K2BSA/1 during the Jamboree on the Air (JOTA) this weekend (see QST, Oct 96, p 49). K2BSA/1 will be operate from the Vergennes, Vermont, camporee site. QSL via KD1R, 943 Osgood Hill Rd, Westford, VT 05494.--Ralph Stetson, KD1R

* Young hams up: For the month of September, FCC statistics show that new licensees who are age 21 or younger, increased by 538 over the month of August.

* W9DCQ gets JSC post: Effective October 28, Doug Ward, W9DCQ, will be designated as the acting public affairs director of the NASA Johnson Space Center in Houston. Ward will fill the position currently held by Jeff Carr, who is leaving the center to accept a position with the United Space Alliance. Ward joined JSC in 1966 as a public information specialist, providing support to the Gemini Program and the Apollo missions. Prior to his current assignment as the chief of the External Affairs Branch, Ward served as the special assistant for public affairs in the Space Station Program Office and as the deputy director of public affairs.--NASA

* RAC move completed: The administrative office of the Radio Amateurs of Canada (RAC) has completed its relocation. The new address is 720 Belfast Rd, Suite 217, Ottawa, ON K1G 0Z5, Canada; tel 613-244-4367; fax 613-244-4369. Telephone calls will not be answered until things settle down, today or Monday.--RAC

* ZS5AKV reappointed: The Administrative Council of the International Amateur Radio Union has reappointed Hans van de Groenendaal, ZS5AKV, as the IARU satellite adviser for another one-year term. ZS5AKV also is looking for input from the satellite community on how best to focus on amateur satellites and the fraternity's contribution to scientific development and engineering. E-mail your ideas to zs5akv@amsat.org.--AMSAT News Service

* DOVE-OSCAR 17 update: Jim White, WD0E, reports that the analog telemetry data being sent by the DOVE-OSCAR-17 satellite is mostly inaccurate. The focus of the current test software that is transmitting this data is to diagnose what appears to be a hardware that is hindering the execution of the regular operating software on the satellite. Work continues in getting DOVE back on-line.--SpaceNews

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Visit the ARRLWeb page at http://www.arrl.org.

The purpose of The ARRL Letter is to provide the essential news of interest to active, organizationally minded radio amateurs faster than it can be disseminated by our official journal, QST. We strive to be fast, accurate and readable in our reporting.

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5404. Drake R-4 vs. 4B, 4C ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: radio@copland.udel.edu
Message-ID: <5488ic$o4k@copland.udel.edu>
Source record: 214483
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Could you enlighten me about the essential differences between the
Drake R-4, 4B and 4C? Tnx, Bob

5405. 855 MHz receiver

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: adam@w3eax.umd.edu
Message-ID: <54957t$efi@dailyplanet.wam.umd.edu>
Source record: 214484

I'm looking for a single-channel, pager type receiver for 855.085
but I don't want a tone-controlled one...I want a squelch controlled one.

Know where to look?

--Adam L. Greenberg
adam@w3eax.umd.edu

5406. DJ-G1 Mods - djg1.txt (1/1)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: ke4htm@bluenet.net
Message-ID: <54731k$143@clark.zippo.com>
Source record: 214485
Body handling: Inline uuencoded payload not displayed: djg1.txt

[Inline uuencoded payload not displayed: djg1.txt]

5407. Re: Can Amatuer Radio survive ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: Ken Sturgill <KENLS@NETVA.COM>
Message-ID: <3267E58D.60CE@NETVA.COM>
Source record: 214486

rogerjb@ibm.net wrote:
>
> In <53o7dk$5qd@nntp-3.io.com>, kk5dr@io.com writes:
> >Will it be alive, as we know it, in 10-20 yrs.? Your opinions please.
>
> Not if the CW requirement for HF privileges continues to turn the internet
> generation away from our hobby.
>
> 1) For most non-hams, the facination of amateur radio is the idea of
> communicating long distances via radio in real time.
>
> 2) For the most part, this means HF privileges.
>
> 3) In today's world, peoples' time is limited. They are not willing to spend
> a lot of time mastering a skill they perceive as being valueless.
>
> 4) CW is perceived as being valueless. It is viewed by most people
> nowadays as a relic of the past, not worth spending hours per week mastering.
>
> 5) CW is valuable only as recreation. It is almost never used in emergencies,
> has been abandoned by the Coast Guard, and actually banned from MARS.
>
> 6) Because of the above, this hobby is not attacting young people. Until
> the Morse requirement is killed, our hobby will continue to die.
>
> 7) The lack of young people is starkly evident on 20M SSB. This sounds
> like a combination geriatric ward/retirement community. It is nearly
> impossible to work anyone on 20M who is not retired. This is evidence
> of our hobby's slow death.
>
> Roger J. Buffington
> W6VZV
> rogerjb@ibm.net
>
> USC Law School, Class of '97
>
> ---
> "I want to die peacefully, in my sleep, like my Grandfather."
> "Not screaming, and in terror, like his passengers."
> ---

Let's face it fellows, the thrill is no longer there. With the
internet, cell phones, etc., communication is a part of living any
more. When I was a kid of 12 (1950) it was truly thrilling to go to my

cousins house (K4EUM) in Tennessee and watch as he talked to people all over the world. Kids today, for the most part, don't see anything "magic" in talking on a radio. The price of new HF rigs doesn't do a lot to entice new-comers to amateur radio either. Heck, I can't afford one!

Oh, one more thing that would turn the younger generation off is reading through this news group. About 10% real ham info and 90% release of pent-up frustration lambasting the internet bandwith. Sorry I had to add something negative but all this BS really sucks.

Ken, KC4IH

5408. Re: Drake R-4 vs. 4B, 4C ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDzHr69.5u4@netcom.com>
Source record: 214487
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Robert Penneys (radio@copland.udel.edu) wrote:
: Could you enlighten me about the essential differences between the
: Drake R-4, 4B and 4C? Tnx, Bob

I have the original, the R-4, Bob. As I recall, the major improvement in the R-4A was a solid-state VFO. After that, I believe more and more stages went to transistors, through the "C" model.

You may want to post this question on the *new* rec.radio.amateur.boatanchors newsgroup; the "4" lines qualifies as such.

73 de Jim - KF6CR

5409. 706 Mods.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: rwoodlief@ipass.net
Message-ID: <3267ff09.32976061@news.ipass.net>
Source record: 214488

Does anyone have the mod. to increase the receive part of the 706.

Thanks in advance!

5410. Re: Ham Gear for Sale....

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: John M Domblewski <wendysue@global2000.net>
Message-ID: <3267E61E.7618@global2000.net>
Source record: 214489
Cross-posted to: rec.ham-radio,rec.ham-radio.swap,rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.swap,rec.radio.swap

Michael White wrote:
>
> > Reason for selling is that I just got married a few months ago and
> > either the Ham Gear or me go.
>
> "Yeah, my wife said she'd leave me if I didn't get off the radio. Over."
>
> --
> mwhite@mitre.org
>
> My opinions are my own, not my employer's.

Sounds like she's got to go!:-)))

Actually try using my line " At least I'm home and you know what(and whom)I'm doing! and always remember the alternative is that I could be OUT " and leave out to her imagination !

John

5411. Kenwood 820S

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: ej_mars@lagn.com
Message-ID: <78890587@lagn.com>
Source record: 214490

The radio looks and works well on lower side band. The upper side band section needs alignment. A little off freq. Have to turn IF Shift approx. 1 notch to the left to rec. on freq. I would be willing to trade this unit for a Computer, 486 on up. or sell it for $375. Email to ej_mars@lagn.com.

Thanks
KC5EPI

---
* PowerAccess 1.50 I tried OS/2 once, but I didn't inhale.

5412. RE:New online survey asks--->Why aren't you an ARRL member??

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: clint.bradford@atdbbs.com
Message-ID: <9610181021185262@atdbbs.com>
Source record: 214491

>>Why Have You Not Chosen To Join The ARRL?
>>Dues are too high.
>>I just haven't gotten around to it.

Of course, these two are silly, nonsensical responses.

5413. Re: ���� ����� ��� �� ����...�� ��������...OK !!! ����

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: darious@nmia.com
Message-ID: <548qu8$rdo@hume.nmia.com>
Source record: 214492
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.snowmobiles,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketplace.vinyl,rec.music.makers.guitar.acoustic,rec.music.dylan,rec.music.artists.kiss,rec.motorcycles.dirt,rec.models.rockets,rec.games.video.classic,rec.games.video.advocacy,rec.games.roguelike.nethack,rec.games.frp.misc,rec.crafts.textiles.quilting,rec.crafts.metalworking,rec.collecting.dolls,rec.collecting.coins,rec.boats.paddle,rec.boats,rec.bicycles.racing,rec.bicycles.misc,rec.autos.makers.honda,rec.arts.sf.movies,rec.arts.movies.past-films,rec.arts.marching.drumcorps,rec.arts.bodyart,rec.aquaria.marine.reefs,rec.antiques.radio+phono

'FROM: Levi Boldt <boldtlev@pilot.msu.edu>
'
'Is anybody else getting sick and tired of seeing these ads for
'pyramid-scheme "fundraisers?" Anything we can do to make them shut up?

I think we all are.

There just isn't much to do about it. If the scum was stupid enough to put
his real address on it, you might get results by forwarding the message to
postmaster@scumaddress.com or abuse@scumaddress.com.

I've gotten results by forwarding such to abuse@aol.com, when the person was
an AOL user.

However, someone really slimy created a program that allows businesses and
people to spam the entire newsgroup heirarchy with a message that comes from
an anonymous source.

In that case, the best thing is to make a hardcopy of the full post and send
it to your local US Postmaster (snail mail type). No matter the hook, this
type of scheme eventually involves the post office and is completly illegal.

And these idiots are nice enough to put thier physical addresses down.

I've heard that the postoffice actually has an internet address that you can
forward these messages too, but I do not know what it is (if such exists).

Allan Seyberth // Lion Clan Prophet
darious@nmia.com
My Legends of the Five Rings web page: http://www.nmia.com/~darious/

Half of what I know today will be obsolete in five years, I'd just like to know which half.

5414. Jamboree On The Air _AND_ Internet - Yes!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: "H.Ekstedt" <jhe@algonet.se>
Message-ID: <3266CD9C.200D@algonet.se>
Source record: 214532
Cross-posted to: rec.scouting.misc,rec.scouting,rec.radio.amateur.equipment,rec.radio.amateur.misc

The Habo Scoutgroup.

YES! Live! Here's the new modified Web page from the
Habo Scoutgroup, Sweden. Now with The Java applet
"InterHam" that connects our radio-transmitter to the
Internet. Just take a look at:
http://www.algonet.se/~jhe/jota.html
as of the 18-20 October, you will see the active
-LIVE- transmitting/receiving frequency from an IC-735
(ie a radio transmitter) operating in the Jamboree On
The Air 1996. Abt 50Km North of Stockholm. Just Tune
in your transceiver and give us a call.

n.b At some times there will be a [inactive] message,
just give it another try later.

All the best! Cu at the JOTA/I!
73 de SM0SBX
Y.i.s /Jan

mailto:jhe@algonet.se
http://www.algonet.se/~jhe/jota.html

/Jan Habo-Scoutgroup Radio-Operator SM0SBX

5415. Re: Communications in tunnels

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: jangus@netcom.com
Message-ID: <jangusDzG3Cw.LDF@netcom.com>
Source record: 214533

"Egil Beichmann" <ebeichma@aft.sn.no> writes:

>This is a problem here in Norway where we have many long tunnels. There
>seems to us to be no method to communicate into tunnels if there is an
>accident.
>There seems to be these alternatives:

>LF communications
>VHF communications
>SHF communications
>Carrier frequency equipent.

>Cables can not be used as they will be destroyed by the accident.

>Is there anybody out there who knows anything about this?

>73 de
>Egil.

Well, yes, I was going to say cables, but not in the "normal" sense
of the word. Check out "leaky" coax. This is cable that has about a 20%
braid, and an aluminized mylar 1/2 sheild. It looks like 50 ohms, but
leaks like a seive. Specially designed fo ruse in tunnels such as coal
mines for communications. Esentiallyl, you string the cable end to end,
and attach a pair of passive antennas to both ends (out in the clear.)

You can communicate via the cable to the antennas, and on to the "rest"
of the world at that point. And it's not frequency sensitive either. A
good dual bander for 144/440 operation would cover about 99% of the
radios. (Or you can add power splitters and add additional bands that
you would want to cover.

73 es GE from Jeff
(Who did research on leaky cables back in 1972)
--
Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NA | "It is difficult to imagine our
Internet: jangus@skyld.grendel.com | universe run by a single omni-
US Mail: PO Box 4425 Carson, CA 90749 | potent god. I see it more as a
Phone: 1 (310) 887-8545 | badly run corporation."

5416. Re: repeaters

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: wa6awd@wolfenet.com
Message-ID: <546jpp$job@ratty.wolfe.net>
Source record: 214534

Ramon Gandia <rfg.at.nome.dot.net@no.spam.please> wrote:

>The UHF portable calls the VHF mobile, and then listens. The VHF
>mobile heard the call on 146.94, and now he replies on 146.34.
>The mountaintop repeater picks it up on .34 and puts it out on
>.94. Now, the DR-610 in Mark's house picks that up, and
>retransmits it on 449.750.

I won't repeat everything you said, but that type of activity has been going on in California (and other places) for years. The only difference is that they have the UHF and VHF stuff at the same site and that's usually on a mountaintop, because everyone (almost) can hit the mountaintop site. The UHF acts like a regular repeater so those on UHF can hear what's being said and the VHF radio (which is controllable) is used to talk to those on VHF. It was/is called a "remote base station" and is, I'll grant, a little different than what you're doing there and for a somewhat different purpose. It sounds like you guys have used your heads to overcome a problem and came up with a workable solution. It may be a little lower tech, but I'm sure it works.

Alan Burgstahler - WA6AWD - Kent, WA, USA

5417. Re: When is Dayton 97

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: <>
Message-ID: <546koe$2guq@news-s01.ca.us.ibm.net>
Source record: 214535

In <544h3s$3ea@news.ptd.net>, stevehan@ptd.net (Steve Hancock) writes:
>
>I need the dates for above to plan my vacation.
>Who do I contact for tickets and other info, I remember a web site last
>year. This is my first Dayton show I have made plans for so feel free
>to pass along any tips.
>
>Steve
>
>
>--
>+---+
>| Steve Hancock, N3FWE stevehan@ptd.net |
>| Dynamic IP for Chat: http://home.ptd.net/~stevehan |
>| The Pro-2006/Probe Home Page http://home.ptd.net/~pro2006 |
>| "The Truth is Out There" |
>+---+

1. Get there early.
2. Don't wear a blue, red, or black cap.
3. Make your motel reservations about two months ago.
4. Be prepared for any weather conditions (snow suit, shorts, foul wx gear, etc.)
5. Bring a lot of money.
6. Realize that the flea market opens around 8 AM on Friday, but the bathrooms
don't open 'til around noon.
7. Ohio is in the Eastern Time Zone.
8. If you think someone has a personal hygiene problem, you ain't alone.
9. Get there early (just a reminder)
10. Have a great time.

- Jim

P.S. I can't remember the date.

5418. Re: Is equipment building and repair a lost art? Your comments, please.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: filipg@paranoia.com
Message-ID: <546ohn$lc6@villa.fc.net>
Source record: 214536
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

In Article <1996Oct10.153207.4916@ke4zv.atl.ga.us>, through puissant locution, gary@ke4zv.atl.ga.us (Gary Coffman) soliloquized:
>Many of today's radios have gone to surface mount parts, and that
>makes repair a lot easier. You only need to be able to get to one
>side of a circuit board, so you often don't have to disassemble
>the radio very far in order to replace the bad part. SMD has made
>the repairman's job much easier.

Greetings. The topic has been lost here... "repairman" not the same as "equipment building and repair"... All you needed back then was a roll of solder, some flux, and a 60Watter... compare this to the $500+ Pace SMD rework station... Yes, a repairman IS equipped to repair and maybe even "homebrew" with SMD... but the average Joe "Ham" Sixpack is certainly not.

I can easily repair a DIP-based device... a $15 desoldering iron from RatShack and some experience gives me perfect unsolders 99% of the time... but I can not afford an SMD station.

Not that I don't improvise... I snip the legs off the SMD device with a Dremel and glue down the new device on top of the old and solder in 30ga wires from the old pads to the new.. or use a DIP... or just toss it.

[sorry, pet peeve]

Take care.
--
+-->Filip "I'll buy a vowel" Gieszczykiewicz | E-mail: filipg@paranoia.com
| http://www.paranoia.com/~filipg/ |SCI.ELECTRONICS.REPAIR FAQ + LOTS MORE!
| Enjoy your job, work within the law, make lots of money : Choose any two.
| I think for myself. I listen. I make decisions. I speak what I believe.

5419. Re: Code or No Code...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: carl@ais.net
Message-ID: <546p3q$lj3@news.ais.net>
Source record: 214537

In <546k4f$aji@anomaly.ideamation.com>, kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:
>(Carl said:)
>>There is a big difference between receiving a check from the government
>>(which comes from my paycheck and yours as taxes) than being permitted
>>the use of a public resource which is regulated in the public interest
>>by the government.
>
>A subsidy is a subsidy is a subsidy. Doesn't matter if you physically
>receive a check or receive another benefit from the government. Access
>to radio spectrum is a privilege, not a right. As such, it can be
>reasonably construed as a subsidy of sorts.

No, I would mantain that it is NOT a privelege, but it IS a right ... you're using the same sort of "the state owns everything and doles it out as it sees fit" mentality as our former eastern adversaries ... or the Democrats ... who try to make it sound like a big shitting deal to "reduce spending" (by not INCREASING as much as they had planned) or "cut taxes" (by taking less of OUR money) ... just like the government has to stop acting like it's THEIR money, when it's really OURS, so do they need to stop acting like anything that they regulate is THEIRS instead of OURS ...

By I'm diverging a bit ... the real issue is that we "made a deal with the devil" wherein we agree (by accepting the purposes outlined in Part 97.1) to perform public service, educate ourselves in/advance the radio art, etc ... in return, we "get paid" by having the use of a lot of very valuable spectrum ...

>>Hams are SUPPOSED to "pay back" society for the use of our vaulable
>>spectrum allocations by performing public service and by learning and
>>training ourselves to be better in terms of technical knowledge and
>>skills.
>
>Maybe, but that's not what is happening. Instead, people are just
>yacking.

Don't tell me ... tell the guys who just want to yak and bang brass ... they're the ones who aren't carrying their weight ...

>>No, they are facts ... easily seen by anyone with a minimal amount of
>>intelligence ...
>
>The typical ad hominem line that Carl so readily claims the "pro-code"
>crowd is guilty of. If you can't sway them with arguments, insult their
>intelligence.

No. Mike, I really don't think so ... when I say something like that it's in the face of someone deliberately ignoring plain, simple facts .. they're either choosing to ignore the facts, or simply too stupid to understand them ... I find a little of both from the pro-code side at times ...

>>> I strongly dispute his
>>>assertion that ham radio has been "stagnating". Where's the proof? Ham
>>>radio is as vibrant and alive as ever, perhaps more so.
>>
>>BULLSHIT, BULLSHIT, BULLSHIT! Ham radio is stuck in the 1950s or 1960s
>>somewhere and you're just too stupid to realize it ... you like the
>>radio a-la "Happy Days" and want to keep that mentality, level of
>>activity, and level of technology forever ... the realization that ham
>>radio has stagnated would require you to admit tha YOU have staganated
>>.. and that's obviously more than your ego can allow you to accept ...
>
>Translated: "You're not using any of our new whizz-bang super-techno
>communication modes. Yes, you too can merely read words on a computer
>screen and let the specialized ICs do all the work for you!"

Nobody said anything about a computer screen ... but yes, the ICs can do a lot of the work for you and they can do it much better than you ever could hope to ... that's scientific fact ... which scares hell out of the Luddites ...

>>You can't continue to confuse the issue with your nonsense, Jim ... his
>>utterance of Morse Myth #1 is patently false according to any reasonable
>>engineering evaluation,
>
>Its nice that you preach everything in theoretical terms, but practice
>often yields different answers. Shannon's Law dictates what the
>theoretical maximum thruput of a bounded channel is, yet often you'll
>find that it is much less because conditions are not optimum, or you
>do not have the necessary equipment to make totally efficient use of
>said channel.

There are, as Gary outlined in a post today, so I'll not repeat it here, many modes that outperform OOK Morse ... to deny this is to simply confirm one's ignorance of technical reality ... something that many por-code Luddites seem to rejoice in doing ...

>On the other hand, give me a 250hz CW filter, as well as notch, APF,and
>shift/width controls, and I can pick up a CW signal that you never
>knew was there.

I've worked more CW than I cared for and I'm quite confident that, given equal equipment, I could "hear" any CW signal you could hear ... I might not have the wetware conditioned response to decode it as fast as you, but I could hear that the dits and dahs were there ...

On the other hand, the proper digital gear will decode error-free messages at signal to noise ratios where you would NEVER be able to

even *begin* to hear the dits and dahs ... this is fact, whether you like it or accept it, or not ...

Carl - wa6vse
carl@ais.net

5420. Re: SCREW THE CODE!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: carl@ais.net
Message-ID: <546pho$lj3@news.ais.net>
Source record: 214538

In <546kbr$aka@anomaly.ideamation.com>, kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:
>
>Where are all these modern communication modes in amateur radio? Where
>is all the commercial gear supporting these modes? Where are all the
>QST home-brew articles showing amateurs how to build all this whiz-bang
>super-techno equipment?

That's the PROBLEM Mikie ... too many Luddites, too little progress. That's why we need to modernize the rules and regs, including getting rid of that backward test for an 1800s communications mode (those who want to use it are free to do so, but no more forcing it on everyone to the detriment of the entire service ...)

>The internal combustion engine is almost a century old too, but still
>seems to be chugging along just fine.

The internal combustion engine of today bears only modest resemblance to the one of nearly a century ago ... and benefits considerably from modern electronics ... as do many other on-board systems ... some new cars have nearly 20 microcontrollers on board ... did you know that ???

Carl - wa6vse
carl@ais.net

5421. Knickerbocker Amateur Radio Club - WA2OEG interference

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: kroser@pobox.com
Message-ID: <3266e784.84363103@news.openix.com>
Source record: 214539

I'm looking for assistance in trying to resolve a persistent interference problem. A simplex phone patch identifying as WA2OEG has been on our repeater input on 147.595 for quite some time. Despite numerous requests to the person listed as the club's trustee to please QSY, and his agreement to move it, this patch continues to operate on our input frequency.

Considering diplomatic requests to resolve this have failed, what is my next resort? I can't involve our frequency coordination body, TSARC, because they are apparently out of business. Besides, no frequency coordinator can be an official enforcer of FCC rules.

If you are a user of this patch, please ask the trustee to move it to another frequency. I can't tell who the users are because their callsigns are never broadcast on the patch itself, just the callsign WA2OEG.

5422. Can I use CTCSS decode to do this...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: dber@tiac.com
Message-ID: <326702d8.832841@news.tiac.net>
Source record: 214540

I'm thinking about getting a CTCSS decode for my 2M rig.

The way CTCSS decode on a 2M rig was explained to me was that it would not break the squelch when the received frequency does not contain the programmed PL tone. However, does this mean that if both the distant repeater (with the correct PL so my rig would break squelch) and the local one are keying at the same time will I get interference?

Basically, I have some local repeaters and some distant repeaters with different PL tones. I would like to monitor the distant ones and listen in to those even if the local ones with the same frequencies were active at the same time. Is this achieved with the CTCSS decode?

I have a feeling many people use CTCSS to keep distant repeaters from keying while monitoring local repeaters. I would like to use it in the reverse... to monitor distant repeaters with the same frequency as local ones.

Thanks much in advance and 73,

Dave Bernazzani

5423. Qsl Manager Database

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: mtw@coredcs.com
Message-ID: <5471ei$nks@wiscnews.wiscnet.net>
Source record: 214541

Two qsl manager databases available monthly. Looking or current or old qsl managers check out our site at www.coredcs.com/~mtw

5424. Re: Spark Transmission Again!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: David Newkirk <dnewkirk@nai.net>
Message-ID: <01bbbcb6$f4c8f120$f53062ce@default>
Source record: 214542

No, it's not spark transmission. It's continuous-wave, not damped-wave,
radio energy generated by an ac generator.

Regards,

David Newkirk, W9VES
dnewkirk@nai.net

Jim Reid <jreid@aloha.net> wrote in article
<01bbbc73$c2c87a80$84070ccf@jim-reid-1>...

> From a new ARRL bulletin:
>
> SB SPCL ARL ARLX018
> ARLX018 Oldest LW transmitter
>
> The world's only working Alexanderson alternator will broadcast this
> month from Sweden on 17.2 kHz. A nostalgic Morse code transmission at

[rest deleted]

5425. Re: Code or No Code...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <547bn9$r7q@lehi.kuentos.guam.net>
Source record: 214543

carl@ais.net (Carl Stevenson) wrote:

>Right ... what did you think we would do (over the internet, remember)?
>Were you afraid we might resort to the use of "violent" words like
>"whack", "bang", "zap", "bang", and (perhaps) "crunch" ??? GIVE US A
>BREAK!!!! TRY TO GET SOME GRIP ON REALITY, JIM!!! YOU'RE REALLY LOSING
>IT ...

Now there's a subject that you are qualified to speak about Carl - Losing It.

>Your zeal to twist anything that (I or) any (other) no-code advocate
>says into something evil is so outrageous as to be completely
>transparent to anyone with any sense at all ... of course the corollary
>to that is that you're completely incapable of understanding just how
>ridiculous and outrageous your rantings have become ...

And yet another subject that you know well - Ranting.

Two qualified statements in one email, that must be some kind of a
record.......

73, Jim KH2D

5426. Pin Layout TBA570A ???

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: Ruud de Boo <R.deBoo@amc.uva.nl>
Message-ID: <3267A96D.4329@amc.uva.nl>
Source record: 214544

Hi,

Can anyone describe the pin layout of this chip ???
Answers by mail:
mailto://R.deBoo@AMC.UVA.NL,
Or to Richard
mailto://richardj@xs4all.nl

Thanx
-- =

Ruud de Boo
Academic Medical Centre, Amsterdam
A.D.I.V. Cluster Divisies
+31 205667098
R.deBoo@amc.uva.nl
Kn=F8tslings at http://huizen.dds.nl/~r_deboo
Arcana info at http://www.xs4all.nl/~cmr/arcana.html

5427. Re: The truth about N1BTQ

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: Ramon Gandia <rfg.at.nome.dot.net@no.spam.please>
Message-ID: <32674E5F.21BB@no.spam.please>
Source record: 214545

Casey wrote:

> You're correct. But he's still stupid.

The question naturally arises, would you knock on his door and
tell it to him face to face?

--
In order to foil SpamBots, my e-mail address is not
machine readable. Please reply to address below:

Ramon Gandia, Nome, Alaska | rfg.at.nome.dot.net
AL7X S/V Seven Stars |
907-443-2437 fax 907-443-2487 | where at=@ dot=period

5428. Re: ~FCC closes down all 12 monitoring stations

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: CW@flash.net
Message-ID: <547nt4$oma@News.IDT.NET>
Source record: 214546
Cross-posted to: rec.radio.amateur.misc,rec.radio.cb,alt.radio.pirate,rec.radio.scanner

dj@cal.org (dj) wrote:

>engineer@ccnet.com (Eric Helms) wrote:

>>In article <01bbb538$656f2740$9b070ccf@jim-reid-1>, "Jim Reid"
>><jreid@aloha.net> wrote:

>>I know that many people think that the FCC was and continues to be a royal
>>pain in the _ _ _ but I for one will miss some of the support that was
>>received from the FCC in the past.

>>As society becomes more and more dependant on using the RF spectrum as a
>>vehicle for communication and other activities, we need to ensure that the
>>frequency spectrum is MANAGED in such a way that all of us may use it in
>>one way or another. Key word is manage, which to me means the focal point
>>for activites. What kind of activies am I talking about?

>>I gave up on CB about 6 months after the FCC killed the license
>>requirement for that activity. The activities I encountered while
>>listening/participating (at the time I was stationed in Hawaii) were rough
>>to say the least. (Linear amps with sideband splatter 3 channels either
>>side of the base carrier.) Perhaps I will get my ham license someday,
>>provided that it too doesn't go away.

>>As a boat owner, I carry a hand held Marine VHF. The FCC has done in the
>>majority of the license requirements for operation of Marine VHS as well.
>>I can't wait to hear how out of control that band will get, considering
>>that Marine VHF is often used for life support activites.

>>The Livermore, CA monitoring facility (one of the ones which is becoming
>>automated) is less than a mile from our RC aircraft flying field. We have
>>obtained the assistance from the FCC staff at that facility to help
>>resolve issues with RFI problems several times in the past. Where are we
>>going to get real time assistance in the future? Philly?

>>Questions for all; Why are these facilities shutting down? Why has the
>>operations budget been reduced to a point where they can no longer do the
>>job as defined by the charter? What is the impact going to be on all of
>>us?

>>Eric Helms
>>engineer@ccnet.com

>It will certainly encourage a new generation of pirates! I think that
>we will be seeing lots of new activity on the hf bands and also lots
>of interference on bands above 50 mhz.

>The FCC has been a real disappointment to all I believe. Since the
>non-enforcement of CB started, its been downhill for them. They are
>quick to get into your pocket, but real weak in enforcing the rules.

ditto...i'm a tech for 800 and 900MHZ trunked radio systems in the Houston area....the interferance (mainly paging xmtrs and other spurious uhf xmtrs) gets very bad...and the ONLY FCC field rep is a suit and tie type that doesn't work the field..we've been told in the past to "work it out among ourselves" with violators!!!!

5429. Re: ���� ����� ��� �� ����...�� ������...OK !!! ����

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: Kevin Dudley <enderman@ix.netcom.com>
Message-ID: <01bbbcbf$79f69840$2b4bbacd@ender-s-game>
Source record: 214547
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.snowmobiles,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketp

> Kevin? Kevin, where are you when we need you? :-) Aram.
>
huh?
8)
--

First there was chaos, the vast immeasurable abyss,
Outrageous as a sea, dark, wasteful, wild.
------------------------------Aeschylus

Enderman!

enderman@ix.netcom.com

http://www.netcom.com/~enderman/home.html

Aram H. Haroutunian <bustpoet@ix.netcom.com> wrote in article
<546g7v$kua@dfw-ixnews7.ix.netcom.com>...

5430. Re: repeaters

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: Ramon Gandia <rfg.at.nome.dot.net@no.spam.please>
Message-ID: <3267507C.1045@no.spam.please>
Source record: 214548

Alan Burgstahler WA6AWD wrote:

> I won't repeat everything you said, but ... the only difference
> is that they have the UHF and VHF stuff at the same site because
> everyone (almost) can hit the mountaintop site. The UHF
> acts like a regular repeater so those on UHF can hear what's
> being said and the VHF radio (which is controllable) is used
> to talk to those on VHF.
> It was/is called a "remote base station" and is, I'll grant,
> a little different than what you're doing there and for a
> somewhat different purpose. It sounds like you guys have used
> your heads to overcome a problem and came up with a
> workable solution. It may be a little lower tech, but I'm
> sure it works.

Well, true it works, but has one problem. The Alinco 605 and 610,
and I suspect all dual banders out there too, have wide open
front ends that pick up birdies, taxi transmissions, etc when
those sources are close by. This would not be anthing to worry
about in a mobile....just lasts a second or so. But at a station
that is repeating out to a mountain and back, it can get
aggravating at times. Everyone then hears the intermod, birdies
and images, etc. My next step is to get some VHF and UHF modules
and a UHF/VHF duplexer (cheap) and replace the 605 and 610 from
this role. Maybe even a cavity filter on the receiver side.

This would not be a problem on a farm on a hilltop as I suggested.
But in a downtown area, intermod alley, etc., it rears its ugly head.
--
In order to foil SpamBots, my e-mail address is not
machine readable. Please reply to address below:

Ramon Gandia, Nome, Alaska | rfg.at.nome.dot.net
AL7X S/V Seven Stars |
907-443-2437 fax 907-443-2487 | where at=@ dot=period

5431. Vanity Calls.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: "Thomas J. Alessi" <Tom@Alessi.Com>
Message-ID: <3267769D.7F1A@Alessi.Com>
Source record: 214549

Day 25 and counting....

Annnny Daaay Noooow! Any day.

--

T.J. Alessi - WB1L, 147 Joffre Avenue, Stamford, Conn. 06905-2933
203.977.5200 * Tom@Alessi.Com * http://www.discovernet.net/usr/alessi
---

5432. Re: Can Amatuer Radio survive ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: Kevin Jessup <kevin.jessup@mail.mei.com>
Message-ID: <32677A16.4EC3@mail.mei.com>
Source record: 214550

Gary Coffman wrote:

> These are definitions of spreading sequence *generators*.

I thought we both understood that. Was it unclear that
I meant that as well?

> >But I was talking direct sequence which, as you may
> >know, is the preferred method for high data-rate digital.
> >In that case, the SERIAL OUTPUT pseudo-noise stream from
> >this shift register is essentially used to modulate
> >the carrier, the data to be transmitted being XORd
> >with the bit stream. The bits of the PN stream
> >typically result in a phase shift of the carrier.
> >And there are the usual variations in those modulation
> >methods.
> >

> Yes, but why do you assume that every station will be in the
> exact same *part* of those three sequences at the same time?

We do not coordinate all stations as can be done by a central
CDMA cell site. They also are allowed far longer bit streams.

And, Gary, I do NOT want to worry about talking to
two or three hams scattered within a 20 mile radius.
I want to cover 100 hams at a ham fest. I want to
cover multiple portable RF device used throught my
home by me and family.

TAPR also disagrees with you. If you've got the
problems solved, give them a hand. They believe,
as do I, that the rules are just too resrictive.

I've said I cannot get the densities I want (and
that I believe we need) as the rules now exist.
If you have done this, give us all a break and
publish your solution.

Disclaimer: I in no way speak for TAPR. My
understanding of their opinions comes from
reading their web page. http://www.tapr.org

-- "Rest enough for the individual man - [but] too
Kevin Jessup much or too soon and we call it Death. But for
software engineer MAN, no rest and no ending. He must go on,
Marquette Medical Systems conquest beyond conquest...and when he has

http://www.mei.com conquered all the depths of space and all the
kevin.jessup@mail.mei.com mysteries of time, still he will be beginning."
PGP encrypted Email preferred -- H.G. Wells, Things To Come

5433. Re: Can Amatuer Radio survive ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: Kevin Jessup <kevin.jessup@mail.mei.com>
Message-ID: <326783EC.3DE@mail.mei.com>
Source record: 214551

Gary Coffman wrote:

> >Oh? How big are your cells? ;-)
>
> Well, from here on UHF, about a 20 mile radius. That would
> encompass 3 other amateurs who *might* be interested in operating
> SS. I told you the network is sparse.

You know, this type of reasoning is truly amazing!!!
We have an incentive system catering to HF and Morse.
Add to this rules and regulations that PREVENT a dense
SS network. And then you say we don't need rule
changes because our networks are sparse! Big news
everbody! Our networks are SPARSE!!!! Can ya believe it!!??

Hey Gary! You didn't suffer some severe head injury
over there at Destructive Testing, did ya? ;-))

> Yes, but why do you assume that every station will be in the
> exact same *part* of those three sequences at the same time?
> Stations operating in different parts of the sequence are
> uncorrelated with each other. Typically, a separation of
> 3 bits in the time sequence of the stream will sufficiently
> decorrelate the stream so that two stations can share the
> same center frequency.

Your bullshit is reaching ever greater levels.

I guess you have no experience with syncing up on the
receive side via a corallator circuit. With DSSS
this happens in well under a second. This is because
the receiver and transmitter PN streams are not at
exactly the same data rate. This allows the two to
eventually sync up and corallate. This sliding window
is an easy way to sync up. But then you suggest we
have multiple stations on different parts of the SAME
sequence and all will be cool. But this means receivers
will be syncing up on bit streams they were not intended
to receive.

Wanna try again, Gary? ;->

-- "Rest enough for the individual man - [but] too
Kevin Jessup much or too soon and we call it Death. But for
software engineer MAN, no rest and no ending. He must go on,
Marquette Medical Systems conquest beyond conquest...and when he has
http://www.mei.com conquered all the depths of space and all the

kevin.jessup@mail.mei.com mysteries of time, still he will be beginning."
PGP encrypted Email preferred -- H.G. Wells, Things To Come

5434. Re: question for carl and the no code group

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: carl@ais.net
Message-ID: <54813q$fhs@news.ais.net>
Source record: 214552
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <1996Oct15.144129.7655@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>Fortunately, I took my tests before the FCC stopped adhering to
>the treaty, so I'm ITU legal. You fellows who took a receiving only
>test aren't ITU legal amateurs when you operate below 30 MHz.

I can sense the overwhelming sense of joy and relief you feel in knowing
that you are "ITU legal" <ROFLMAO>

73,
Carl - wa6vse
carl@ais.net

5435. Re: See no ham evil. (Burt)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: Andrew C Robertson <drewbob@mit.edu>
Message-ID: <32678A2E.4B31@mit.edu>
Source record: 214553

Burt Fisher wrote:
>
> Hams are never ones to want any opinion that requires thought.

But what does this have to do with you?

> All hams are clones.

And people say we're not at the cutting edge of technology!

drewbob aa1hx

5436. Re: teletype decoder

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: fsimonds@icanect.net
Message-ID: <54830u$asr@news.icanect.net>
Source record: 214554

David <davidh@enternet.co.nz> wrote:

->Does anyone know of a DOS program which will caputure, decode and
store
->radio teletype -- similar to decoding morse

->davidh@enternet.co.nz

I have one written for the C64 that, if you are comfortable with
BASIC, could easily convert.

73 Terry/WB4FXD
fsimonds@icanect.net

5437. Re: When is Dayton 97

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: Michael Valentine <wa8msf@ix.netcom.com>
Message-ID: <326796B7.532A@ix.netcom.com>
Source record: 214555

>
> In <544h3s$3ea@news.ptd.net>, stevehan@ptd.net (Steve Hancock) writes:
> >
> >I need the dates for above to plan my vacation.
> >Who do I contact for tickets and other info, I remember a web site last
> >year. This is my first Dayton show I have made plans for so feel free
> >to pass along any tips.
> >
> >Steve

Hi Steve! Try http://www.hamvention.com

5438. Re: Can I use CTCSS decode to do this...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-18 00:00:00 UTC
From: Sheldon Darack <shel@fuwutai.lucent.com>
Message-ID: <3267B119.3D48@fuwutai.lucent.com>
Source record: 214556

David: cute idea, but it doesn't work that way. Your receiver will capture the stronger signal. That will be the local repeater. The audio will be tested for CTCSS tone and since it will not be correct, the audio circuit will not turn on. Therefore, you will not hear any audio when the local repeater is on. You will however, notice that the signal strength bars will indicate that the local repeater is being received.

73 Shel WA2UBK

David Bernazzani wrote:
>
> I'm thinking about getting a CTCSS decode for my 2M rig.
>
> The way CTCSS decode on a 2M rig was explained to me was that it would
> not break the squelch when the received frequency does not contain the
> programmed PL tone. However, does this mean that if both the distant
> repeater (with the correct PL so my rig would break squelch) and the
> local one are keying at the same time will I get interference?
>
> Basically, I have some local repeaters and some distant repeaters with
> different PL tones. I would like to monitor the distant ones and
> listen in to those even if the local ones with the same frequencies
> were active at the same time. Is this achieved with the CTCSS decode?
>
> I have a feeling many people use CTCSS to keep distant repeaters from
> keying while monitoring local repeaters. I would like to use it in
> the reverse... to monitor distant repeaters with the same frequency as
> local ones.
>
> Thanks much in advance and 73,
>
> Dave Bernazzani

5439. Re: ���� ����� ��� �� ����...�� ��������...OK !!! ����

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: David Springs <appleseed@feist.com>
Message-ID: <3268B327.2FA1@feist.com>
Source record: 214407
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.snowmobiles,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketplace.vinyl,rec.music.makers.guitar.acoustic,rec.music.dylan,rec.music.artists.kiss,rec.motorcycles.dirt,rec.models.rockets,rec.games.video.classic,rec.games.video.advocacy,rec.games.roguelike.nethack,rec.games.frp.misc,rec.crafts.textiles.quilting,rec.crafts.metalworking,rec.collecting.dolls,rec.collecting.coins,rec.boats.paddle,rec.boats,rec.bicycles.racing,rec.bicycles.misc,rec.autos.makers.honda,rec.arts.sf.movies,rec.arts.movies.past-films,rec.arts.marching.drumcorps,rec.arts.bodyart,rec.aquaria.marine.reefs,rec.antiques.radio+phono

Jeff Stevenson wrote:
>
> In article <3265C203.6008@pilot.msu.edu>, boldtlev@pilot.msu.edu wrote:
> >Is anybody else getting sick and tired of seeing these ads for
> >pyramid-scheme "fundraisers?" Anything we can do to make them shut up?
> >
>
> The best idea is to email their ISP. Usually, individuals who do this sort of
> thing are too stupid to forge an email address. You would then take the
> portion of their email address that comes after the @ and append it with
> "postmaster". Once you have an email address that looks like:
> postmaster@fubar.com you then email a copy of the offending advertisement to
> their postmaster with a note stating that you wish this behavior to cease.
> This is amazingly effective.
>
> Jeff

I agree...case in point:

>
>
> This user has had their access to our system removed.
>
> I have cancelled all their posts of this nature.
>
> aloha,
> --eugene archibald
> GST Internet/Hawaii Online network administration
>
>
> On Fri, 18 Oct 1996, David Springs wrote:
>
> > Please make this spammer (and forger) go away. Aloha.
> >

5440. Re: teletype decoder

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <54ahp6$cpp@lehi.kuentos.guam.net>
Source record: 214408

fsimonds@icanect.net (Terry Simonds) wrote:

>David <davidh@enternet.co.nz> wrote:

>->Does anyone know of a DOS program which will caputure, decode and
>store
>->radio teletype -- similar to decoding morse

>->davidh@enternet.co.nz

>I have one written for the C64 that, if you are comfortable with
>BASIC, could easily convert.

>73 Terry/WB4FXD
>fsimonds@icanect.net

Hamcomm will do RTTY, CW, Amtor, etc. You shouldn't have too much
trouble finding a website to download it.

73, Jim KH2D

5441. JOTA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: Mike Tatum <miket@cybatek.dungeon.com>
Message-ID: <3268CA35.155B@cybatek.dungeon.com>
Source record: 214409

Hi All,

Just a note to get you to give us a call on Sunday, 20 October.

Felixstowe and District ARS will be running a JOTA station from
Felixstowe in Suffolk using the calls of Gx7OPS and GX4ZFR.

Will heard in the 20/40/80/160m bands on HF and 2m FM/SSB.

Please do call in if you hear us as we should have plenty of scouts who
would like to pass on greeting messages.

Mni tks,

73

MikeT de G1SYT

5442. Re: Can I use CTCSS decode to do this...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: wa6awd@wolfenet.com
Message-ID: <549r8m$o5h@ratty.wolfe.net>
Source record: 214410

dber@tiac.com (David Bernazzani) wrote:

>The way CTCSS decode on a 2M rig was explained to me was that it would
>not break the squelch when the received frequency does not contain the
>programmed PL tone.

Well, the squelch may break but the receiver's audio output will not
have any audio on it.

>However, does this mean that if both the distant
>repeater (with the correct PL so my rig would break squelch) and the
>local one are keying at the same time will I get interference?

Yes. The CTCSS signal only keeps the receiver muted when the proper
CTCSS signal is not present.

>I have a feeling many people use CTCSS to keep distant repeaters from
>keying while monitoring local repeaters. I would like to use it in
>the reverse... to monitor distant repeaters with the same frequency as
>local ones.

The problem is that when the local repeater comes on, its RF will override
the signal from the distant repeater and you won't hear the distant
repeater anymore. If you had a CTCSS decoder set for the distant repeater,
your receiver would mute when the local repeater came on because you
wouldn't be hearing the distant repeater's CTCSS tone any more.

Alan Burgstahler - WA6AWD - Kent, WA, USA

5443. Re: SCREW THE CODE!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <54a91o$bi5@anomaly.ideamation.com>
Source record: 214411

In article <549ap4$6hk@news.ais.net>, Carl Stevenson <carl@ais.net> wrote:

>Your asinine, ridiculous comments leave no doubt that you haven't a
>clue about modern communications technology

Hey Carl! Someone stole your user id.

Obviously Carl could >NOT< have posted this ad-hominem, personal
attack, because according to Carl, only pro-coders insult other
posters.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

5444. Re: SCREW THE CODE!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: Sam Afano <sam@alfano.com>
Message-ID: <3268CE63.672@alfano.com>
Source record: 214412

> That's the PROBLEM Mikie ... too many Luddites, too little progress.
> That's why we need to modernize the rules and regs, including getting
> rid of that backward test for an 1800s communications mode (those who
> want to use it are free to do so, but no more forcing it on everyone to
> the detriment of the entire service ...)

> Carl - wa6vse
> carl@ais.net

Carl: How do you perceive requiring code as "to the detriment of the entire service?" The no-coders are constantly screaming "I don't use that and I never will!" Try saying that in college and scream that you don't need chemistry, latin, history, etc., to get a degree. My 13-year old hates Social Studies, but I explain to him that it's a requirement and that's that, and you simply don't always have things your way. Myself, I don't build radios nor repair them. I don't really care how tubes and transistors work, nor give a hoot about building homebrew stuff. So, using the "I'll never use it" logic, should I have been excused from learning that material to get my license? Of course not!

To me, Morse code is something that should be a requirement, and if nothing more, is a filtering system that seperates the serious ham radio candidate from the "not quite as serious" candidate. If you want ham radio bad enough, you'll jump all of the hurdles, including the code.

It's funny, you know...if code was easy to learn, no one would be bitching about it. But since it requires a bit of WORK and PRACTICE to master, you hear "that #@%$*& code is useless" ect., etc., etc.

If people would devote as much time to learning the code as they did complaining about how worthless it is, they would have it licked in no time. Not only that, but they would enjoy the very satisfied feeling of mastering a wonderful method of communication that our ham forefathers used to pave the way for us.

Sam Alfano
AD5C

5445. More insults and potty language from Carl

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: adell@planet.net
Message-ID: <MPG.cd29b93d41db55f989697@news.planet.net>
Source record: 214413

In article <546p3q$lj3@news.ais.net>,
nasty foul mouthed carl@ais.net says...

>
> No, I would mantain

MAINTAIN 2 points off spelling error

that it is NOT a privelege, but it IS a right ...
> >>Hams are SUPPOSED to "pay back" society for the use of our vaulable
> >>spectrum allocations by performing public service and by learning and
> >>training ourselves to be better in terms of technical knowledge and
> >>skills.

so far, by your own admission have not accomplished the
1st and have failed miserably in the 2nd

> Don't tell me ... tell the guys who just want to yak and bang brass ...
> they're the ones who aren't carrying their weight ...

pretty nasty statement for someone with no backbone.
How can you even begin to prove that last statement.
To you screen and face LIAR LIAR PANTS ON FIRE

> No. Mike, I really don't think so ... when I say something like that
> it's in the face of someone deliberately ignoring plain, simple facts
> .. they're either choosing to ignore the facts, or simply too stupid to
> understand them ... I find a little of both from the pro-code side at
> times ...

Ahh yes, now the insults stupid ignorant way to make
a point Carl BTW you still haven't provided ANY facts
in 3 months What a class act

> There are, as Gary outlined in a post today, so I'll not repeat it here,
> many modes that outperform OOK Morse

still waiting for you to name all these techno wiz bang
modes you've invented CArl. OOhhh I'm sorry there a
secret right???

>
> I've worked more CW than I cared for and I'm quite confident that, given
> equal equipment, I could "hear" any CW signal you could hear ... I might
> not have the wetware conditioned response to decode it as fast as you,
> but I could hear that the dits and dahs were there ...

Wait a minute...you said many MANY times you can decode
20wpm in your head. Is that the equal equipment. Now
you say you can't...anothe LIE CArl???

Obviously you haven't recuperated enough Carl. The
doctor sez you should shut down and rest. Preferably
in a nice white room with nice fluffy padded walls. I
can see it now

CARL..."I know that fly's in here..I can hear him
buzzing around!!!!"
--
Steve - KF2TI (Advanced Class & Damned Proud of IT!)
ARRL LIFE MEMBER

No Code or Know Code...Who Cares??

How can you be in Two Places at Once When You're
Not Anywhere at All??

5446. Re: ** FLEA at MIT **

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: rand777@ids.net
Message-ID: <3268d3a4.11363742@155.212.1.8>
Source record: 214414
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,sci.electronics.misc,ne.forsale,ne.general,rec.radio.amateur.homebrew

After reading this thread..it seems that Mr. Xochi Zen lacks the basic skills for doing business at a flea market...KNOWLEDGE and INTELLIGENCE. He is correct in his final evaluation...with his limitations, he should stay away from flea markets. RR

==========

On 15 Oct 1996 11:08:42 -0400, x@apocalypse.org (Xochi Zen) wrote:

>
>Is this the one where cantankerous old men sell stuff that their
>wives have been begging them to get rid of? One thing that I've found
>is that *some* of the dealers there sell stuff that doesn't work and
>refuse to take anything back. A better bet for old electronics gear
>is probably the Electronics Superstore (in Waltham... or is it Woburn?).
>They'll refund your money if you buy something from them and find that it
>doesn't work when you get it home.
>
>I'd like to see the dealers at the MIT flea market be held to this sort of
>policy. If people don't have ethical standards, I say *impose* some on
>them.
>
> - Xochi
>

Robert Randolph
Newport, RI
rand777@ids.net

5447. Re: Libel me, Think.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: Peter Lemken <Plemken@bln.de>
Message-ID: <845731001.9109.1@plemken.bln.de>
Source record: 214415

Burt Fisher <k1oik@ccsnet.com> wrote:
>Kory Hamzeh wrote:
>>
>> Your entire family is just full of hate, isn't it?
>
>Not for people
>

Only for Germans.....

And they are not people, you know.

Peter
DF5JT/KE4UNQ
Berlin

5448. Re: What a Wonderful Life.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: Peter Lemken <Plemken@bln.de>
Message-ID: <845731123.9109.2@plemken.bln.de>
Source record: 214416

Burt Fisher <k1oik@ccsnet.com> wrote:
>Jeff Stevenson wrote:
>
>> How about a Marine Ham? That would be me...
>>
>> Jeff
>
>I would fear anyone who is or was a Marine.
>But why would a Marine want to be with wimps?
>
>

You mean like yourself?

Peter
DF5JT/KE4UNQ
Berlin

5449. Re: Knickerbocker Amateur Radio Club - WA2OEG interference

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: ptracy@aol.com
Message-ID: <54alcf$ao7@newsbf02.news.aol.com>
Source record: 214417

In article <3266e784.84363103@news.openix.com>, kroser@pobox.com (Ken Roser) writes:

>I'm looking for assistance in trying to resolve a persistent
>interference problem. A simplex phone patch identifying as WA2OEG has
>been on our repeater input on 147.595 for quite some time.

Isn't that simplex frequency? Or has the 2M band plan changed in the last 6 months? (That's how long it's been since I was on 2M).

5450. Re: Not a wonderful life, no life.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: Peter Lemken <Plemken@bln.de>
Message-ID: <845731326.9109.3@plemken.bln.de>
Source record: 214418

"Thomas J. Penton" <afn45350@afn.org> wrote:
>On Wed, 16 Oct 1996, Burt Fisher wrote:
>
>> Peter Lemken wrote:
>>
>> > Oh, you mean you post to the sex groups anonymously?
>>
>> That may be your way, not mine.
>> Do you like the sex groups?
>> Too bad you missed the holocaust
> Burt that last statement about the holocaust is way over the line even for
>you.

No, it is not. It is typical of Burt's usenet behaviour.

Peter Lemken
DF5JT/KE4UNQ
Berlin

PS: Burt failed to allude, which part of the Holocaust I missed, since he
does not know, whether I am actually German, or an American living in
Germany, who happens to have a name of Jewish origin.....

5451. Re: repeaters

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: wa6awd@wolfenet.com
Message-ID: <549qoc$h3u@ratty.wolfe.net>
Source record: 214419

Ramon Gandia <rfg.at.nome.dot.net@no.spam.please> wrote:

>Well, true it works, but has one problem. The Alinco 605 and 610,
>and I suspect all dual banders out there too, have wide open
>front ends that pick up birdies, taxi transmissions, etc when
>those sources are close by.
>This would not be a problem on a farm on a hilltop as I suggested.
>But in a downtown area, intermod alley, etc., it rears its ugly head.

This is why many of the ham repeaters and remote bases are running
commercial equipment, such as Motorola or GE or such. Those types
of base radios are designed to be operated in a heavy RF environment.
I'm not saying other types of equipment won't work, just that to keep
it calm you must sometimes provide additional filtering, etc., that
you'd not need on commercial two-way equipement.

Alan Burgstahler - WA6AWD - Kent, WA, USA

5452. Re: Communications in tunnels

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: wa6awd@wolfenet.com
Message-ID: <549qvs$ea3@ratty.wolfe.net>
Source record: 214420

"Egil Beichmann" <ebeichma@aft.sn.no> wrote:

>This is a problem here in Norway where we have many long tunnels. There
>seems to us to be no method to communicate into tunnels if there is an
>accident.

There was an article in one of the two-way radio magazines here in the USA that told about how a city (Boston, Massachusetts ???) had a radio amplifier system designed to supply a number of specific frequencies into and out of an automobile tunnel. I have the magazine at work. However, this is probably not feasible for ham radio operations, as it's necessary to pass only certain frequencies and has to be set up ahead of time (spending of money).

Alan Burgstahler - WA6AWD - Kent, WA, USA

5453. Re: SCREW THE CODE!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: "B. Hildebrand" <BHildebrand@worldnet.att.net>
Message-ID: <01bbbdce$055834c0$accf93cf@iepsnet>
Source record: 214421

Sam Afano <sam@alfano.com> wrote in article <3268CE63.672@alfano.com>...
> > That's the PROBLEM Mikie ... too many Luddites, too little progress.
> > That's why we need to modernize the rules and regs, including getting
> > rid of that backward test for an 1800s communications mode (those who
> > want to use it are free to do so, but no more forcing it on everyone to
> > the detriment of the entire service ...)
>
> > Carl - wa6vse
> > carl@ais.net
>
> Carl: How do you perceive requiring code as "to the detriment of the
> entire service?" The no-coders are constantly screaming "I don't use
> that and I never will!" Try saying that in college and scream that you
> don't need chemistry, latin, history, etc., to get a degree. My 13-year
> old hates Social Studies, but I explain to him that it's a requirement
> and that's that, and you simply don't always have things your way.
But Chemistry, history, even Latin, have use.
> Myself, I don't build radios nor repair them. I don't really care how
> tubes and transistors work, nor give a hoot about building homebrew
> stuff. So, using the "I'll never use it" logic, should I have been
> excused from learning that material to get my license? Of course not!
>
> To me, Morse code is something that should be a requirement, and if
> nothing more, is a filtering system that seperates the serious ham radio
> candidate from the "not quite as serious" candidate. If you want ham
> radio bad enough, you'll jump all of the hurdles, including the code.
We should teach partial differential equations to nursing students, a very
good filter.

> It's funny, you know...if code was easy to learn, no one would be
> bitching about it. But since it requires a bit of WORK and PRACTICE to
> master, you hear "that #@%$*& code is useless" ect., etc., etc.
>
> If people would devote as much time to learning the code as they did
> complaining about how worthless it is, they would have it licked in no
> time. Not only that, but they would enjoy the very satisfied feeling of
> mastering a wonderful method of communication that our ham forefathers
> used to pave the way for us.
>
> Sam Alfano
> AD5C
I think we should require everyone to learn how to connect to the Internet
with a 120 baud modem. Remember them. Let those who want to learn the
code (and I did), use it. But hey, even government has seen the light!

--
BH, KH2Z

BHildebrand@worldnet.att.net

5454. Info Needed

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: leader@aztec.asu.edu
Message-ID: <54a1dp$qn6@news.asu.edu>
Source record: 214422

I am looking for info on a Kenwood TH-31AT 220 MHz Transceiver. It is an older model (real older). Would appreciate an approximate value for this radio in fair working condition, and any other details you might have.

Thanks, JC
--
"There's a fine line between eccentrics and geniuses. If you're a little ahead of your time, you're an eccentric, and if your a little to late, you're a failure, but if you hit it right on the head, you're a genius. So I have never worried much about eccentricity." Tom Watson Jr., IBM

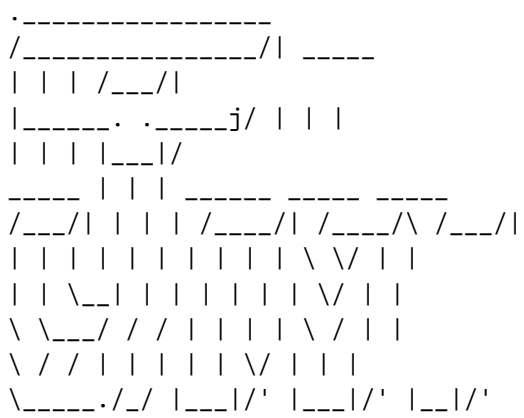
5455. Please help find Manual- Allied A2516 Ham receiver

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: Jim Larson <james_l@efn.org>
Message-ID: <Pine.SUN.3.95.961019092947.4084H-100000@garcia.efn.org>
Source record: 214423
Cross-posted to:
rec.antiques.radio+phono,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.ham-radio

Please help me find a source for a manual/schematics for an old Allied
model A2516 ham receiver. It is an older tube type, a kit I think.
I have tried Sam's and Sarrio with no luck. Does anyone know some good
sources for manuals or possibly an individual that would have a xerox
copy available? Please forgive me if this is in an FAQ somewhere,
I am a newbie, and this is my first "taste of ham" :)

p.s. I'm hooked.....

Thank you ALOT!



James K. Larson - james_l@efn.org - Junction City, Oregon

5456. Re: ���� ����� ��� �� ����...�� ������...OK !!! ����

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: "John Cheng <ay949@lafn.org>" <ay949@lafn.org>
Message-ID: <32690620.7A6B@lafn.org>
Source record: 214424
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.snowmobiles,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketplace.vinyl,rec.music.makers.guitar.acoustic,rec.music.dylan,rec.music.artists.kiss,rec.motorcycles.dirt,rec.models.rockets,rec.games.video.classic,rec.games.video.advocacy,rec.games.roguelike.nethack,rec.games.frp.misc,rec.crafts.textiles.quilting,rec.crafts.metalworking,rec.collecting.dolls,rec.collecting.coins,rec.boats.paddle,rec.boats,rec.bicycles.racing,rec.bicycles.misc,rec.autos.makers.honda,rec.arts.sf.movies,rec.arts.movies.past-films,rec.arts.marching.drumcorps,rec.arts.bodyart,rec.aquaria.marine.reefs,rec.antiques.radio+phono

4getit@no.way.com wrote:
>
> mot@inter.net.il wrote:
>
> >Newsgroups: alt.sex.stories.d
> >Date: Tue, 17 Sep 96 23:43:02 PDT
> >From: mot@inter.net.il
> >Subject: mONEY aND fAST !!!! $$$$ WANNA MAKE MONEY WITH ACTUALLY ALMOST NO COST..UPTO 50,000$$$
> >X-Newsreader: NEWTNews & Chameleon -- TCP/IP for MS Windows from NetManage
> >MIME-Version: 1.0
> >Content-Type: TEXT/PLAIN; charset=US-ASCII
>
> >Path: news.NetVision.net.il!news-dc.gsl.net!news.gsl.net!news-peer.gsl.net!news.gsl.net!www.nntp.primenet.com!nntp.primenet.com!news.cais.net!news.us.net!usenet
> >From: "S.T.O." <sto@us.net>
> >Newsgroups: alt.sex.spanking,alt.sex.stories,alt.sex.stories.d,alt.sex.strip-clubs,alt.sex.voyeurism,alt.sex.wanted,alt.sex.wizards,alt.sexual.abuse.recovery,alt.smokers,alt.smokers.cigars
> >Subject: Make Money The Fastest way (90 days)!!!

In addition to Clueless Hackers we can have another low level monster
running around for our killing pleasure; Pyramid Schem Operator,
monsters
should be seen chasing the Operator around the dungeon hacking them to
pieces.

5457. FYI: CQ Zones List & HF Nets

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: ac6v <ac6v@popd.ix.netcom.com>
Message-ID: <32690F6E.1DA7@popd.ix.netcom.com>
Source record: 214425

Some new additions to the DX Reference Guide include info or links to:
CQ Zones, HF Nets, Xtal Sets, Collins Page and much more for the DX
Operator.
--
AC6V DX Reference Page at: http://www.netcom.com/~ac6v/index.html

Hark for I have hurled my words to the far reaches of the earth!
What King of old could do thus??
..... AC6V

5458. Wanted Radio Receiver kit

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: yves lajeunesse <yveslaj@aei.ca>
Message-ID: <32690ED2.7BAD@aei.ca>
Source record: 214426

Does anybody know of a manufacturer or retailer that sells Ham
Radio/Receiver Kits that you can build at home?
The make and model doesn't matter but I would like to get a location
to find them and prices if possible?
Thanks in advance

I can be reached by E-Mail At <yveslaj@aei.ca>

5459. Receiving traffic helicopter signals?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: "Peter A. Forkes" <pforkes@pobox.com>
Message-ID: <3268DD1E.4685@pobox.com>
Source record: 214427
Cross-posted to: rec.ham-radio,,ec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner

What equipment would be needed to pick up the pictures broadcast back to the station by the local TV sataions helicopters?

Peter

5460. Re: Receiving traffic helicopter signals?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: slwork@netcom.com
Message-ID: <slworkDzJG41.FI@netcom.com>
Source record: 214428
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner

Peter A. Forkes (pforkes@pobox.com) wrote:
: What equipment would be needed to pick up the pictures broadcast back to
: the station by the local TV sataions helicopters?

It's probably in the microwave band (above 2Ghz), you'd need some type of converter to change it to a regular TV channel.

5461. Gate Two Day One ready?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: jbmitch@vt.edu
Message-ID: <54bj1c$6ub@solaris.cc.vt.edu>
Source record: 214429

Had a report from a ham who called FCC on Friday, 10-18. The word is that day one callsigns will be mailed out on Monday,10-21. Still nothing on the servers I monitor...

5462. Re: Libel me, Think.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <32697186.7DB5@ccsnet.com>
Source record: 214430

Peter Lemken wrote:
>
> >> Your entire family is just full of hate, isn't it?
> >
> >Not for people
> >
>
> Only for Germans.....
>
> And they are not people, you know.

In some cases.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#================#===#
|This message was posted from home k1oik@ccsnet.com |
#===#
If you try to milk too much, you won't get a drop
Samantha Fisher

5463. DREWBOB thoughts (Burt)-the cry baby.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3269705E.7DB5@ccsnet.com>
Source record: 214431
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Andrew C Robertson wrote:
>
> Hmmmm...well, I certainly can't say much for Burt's sense of net.ethics
> as far as posting email goes (I mean, nobody else cares, what's the point?),
> but he did warn me he was planning to do this. At least he quoted faithfully
> (except I had to add in the "BF"s and I did miss one) so, uhhhh, thanks Burt
> for having that bit of integrity, I guess.

I told you if you sent me ONE more message I would post it publically.
There is no ethic problem involved (except your low class retorts).
Further I will post ANY other message you send me.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#================#===#
|This message was posted from home k1oik@ccsnet.com |
#===#
If you try to milk too much, you won't get a drop
Samantha Fisher

5464. Re: What a Wonderful Life.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3269723D.72EE@ccsnet.com>
Source record: 214432

Peter Lemken wrote:

> >I would fear anyone who is or was a Marine.
> >But why would a Marine want to be with wimps?
> >
> >
>
> You mean like yourself?

I was not a German who killed and tortured women and children.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#================#===#
|This message was posted from home k1oik@ccsnet.com |
#===#
If you try to milk too much, you won't get a drop
Samantha Fisher

5465. Re: Libel me, Think.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <326971E0.7459@ccsnet.com>
Source record: 214433

Andrew C Robertson wrote:

> Dear Mr. Fisher:
>
> Your recent application for the position of Judge of What Is and Isn't
> A Life has been reviewed. We regret to inform you that you are not
> qualified for the position. (In fact, we all had a really good laugh
> down here at the office.)

HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI
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Burt

5466. How do you block the full 27mhz band.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: Andrew <sonic@legend.co.uk>
Message-ID: <3268C4B4.637E@legend.co.uk>
Source record: 214434

Hello all

can anyone tell me is there a circuit that will make a persons radio
appear that it is being keyed up on, from 27.00mhz-27.99mhz.

If there is a circuit can you forward me it on this news server

73 de Andy

5467. Re: Receiving traffic helicopter signals?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: Mike <miken@dxnet.com>
Message-ID: <32696F94.63A7@dxnet.com>
Source record: 214435
Cross-posted to: rec.ham-radio,,ec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner

Peter A. Forkes wrote:
>
> What equipment would be needed to pick up the pictures broadcast back to
> the station by the local TV sataions helicopters?
>
> Peter
Most of the pictures sent by the helicoptors is on microwave. They
use a fairly directional system on the helicoptor which actually tracks
the mountain top receiver.

I believe it is in the 2GHZ area.

Unless you are between the two, chances are not favorable you would
see anything.

You could call Troll systems, in Valencia CA and ask. They make
the xmitter systems.

MikeN

5468. Re: ���� ����� ��� �� ����...�� ������...OK !!! ����

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: Roger B Olsen <rbolsen@popd.ix.netcom.com>
Message-ID: <326983DC.7867@popd.ix.netcom.com>
Source record: 214436
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketplace.vinyl,rec.music.makers.guitar.acoustic,rec.music.dylan,rec.music.artists.kiss,rec.motorcycles.dirt,rec.models.rockets,rec.games.video.classic,rec.games.video.advocacy,rec.games.roguelike.nethack,rec.games.frp.misc,rec.crafts.textiles.quilting,rec.crafts.metalworking,rec.collecting.dolls,rec.collecting.coins,rec.boats.paddle,rec.boats,rec.bicycles.racing,rec.bicycles.misc,rec.autos.makers.honda,rec.arts.sf.movies,rec.arts.movies.past-films,rec.arts.marching.drumcorps,rec.arts.bodyart,rec.aquaria.marine.reefs,rec.antiques.radio+phono

PPIERCE wrote:
>
> Levi Boldt wrote:
> >
> > Is anybody else getting sick and tired of seeing these ads for
> > pyramid-scheme "fundraisers?" Anything we can do to make them shut up?
> > ....
>
> Number one:
>
> Don't reprint it when you comment..... You just gave the darn thing
> another posting!!!
>
> --
> Paul in AJ AZ NRA Endowment Member
> Checkout the Metal Web News at
> http://tbr.state.tn.us/~wgray

5469. Re: ���� ����� ��� �� ����...�� ������...OK !!! ����

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: Roger B Olsen <rbolsen@popd.ix.netcom.com>
Message-ID: <326983F2.456B@popd.ix.netcom.com>
Source record: 214437
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketplace.vinyl,rec.music.makers.guitar.acoustic,rec.music.dylan,rec.music.artists.kiss,rec.motorcycles.dirt,rec.models.rockets,rec.games.video.classic,rec.games.video.advocacy,rec.games.roguelike.nethack,rec.games.frp.misc,rec.crafts.textiles.quilting,rec.crafts.metalworking,rec.collecting.dolls,rec.collecting.coins,rec.boats.paddle,rec.boats,rec.bicycles.racing,rec.bicycles.misc,rec.autos.makers.honda,rec.arts.sf.movies,rec.arts.movies.past-films,rec.arts.marching.drumcorps,rec.arts.bodyart,rec.aquaria.marine.reefs,rec.antiques.radio+phono

John Cheng wrote:
>
> 4getit@no.way.com wrote:
> >
> > mot@inter.net.il wrote:
> >
> > >Newsgroups: alt.sex.stories.d
> > >Date: Tue, 17 Sep 96 23:43:02 PDT
> > >From: mot@inter.net.il
> > >Subject: mONEY aND fAST !!!! $$$$ WANNA MAKE MONEY WITH ACTUALLY ALMOST NO COST..UPTO 50,000$$$
> > >X-Newsreader: NEWTNews & Chameleon -- TCP/IP for MS Windows from NetManage
> > >MIME-Version: 1.0
> > >Content-Type: TEXT/PLAIN; charset=US-ASCII
> >
> > >Path: news.NetVision.net.il!news-dc.gsl.net!news.gsl.net!news-peer.gsl.net!news.gsl.net!www.nntp.primenet.com!nntp.primenet.com!news.cais.net!news.us.net!usenet
> > >From: "S.T.O." <sto@us.net>
> > >Newsgroups: alt.sex.spanking,alt.sex.stories,alt.sex.stories.d,alt.sex.strip-clubs,alt.sex.voyeurism,alt.sex.wanted,alt.sex.wizards,alt.sexual.abuse.recovery,alt.smokers,alt.smokers.cigars
> > >Subject: Make Money The Fastest way (90 days)!!!
>
> In addition to Clueless Hackers we can have another low level monster
> running around for our killing pleasure; Pyramid Schem Operator,
> monsters
> should be seen chasing the Operator around the dungeon hacking them to
> pieces.

5470. Amateur Radio Newsline #1000 11 Oct 1996

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: bigsteve@dorsai.org
Message-ID: <qfYayQQI8tjY092yn@dorsai.org>
Source record: 214438

SB NEWSLIN @ ALLBBS $NLIN.1000
Amateur Radio Newsline #1000 11 OCT 1996

The Newsline Information and Copyright Notice is now published seperately every month. Please read this notice before using any part of Newsline in any manner. For a copy of the notice e-mail bigsteve@dorsai.org or netmail Steve Coletti @ 1:278/230 on Fidonet.

NEWSLINE RADIO - CBBS EDITION #1000 - 10/11/96

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(* A M A T E U R *)
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(* R A D I O *)
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(* N E W S L I N E *)
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(**)

The following is late news about Amateur Radio for Radio Amateurs as prepared from NEWSLINE RADIO scripts by the staff of the AMATEUR RADIO NEWSLINE, INC., formerly the WESTLINK RADIO NETWORK. Amateur Radio Newsline is a audio news service distributed via telephone.

This hardcopy version is produced by Dale Cary - WD0AKO from scripts provided to him weekly by Newsline. It is then distributed to on-line services, bbs networks and internet user jointly by Dale Cary and Steve Coletti.

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(Fax senders wait for voice prompt.)

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Dale Cary, WD0AKO
Hardcopy Distribution for Newsline

Internet E-mail: wd0ako@rrnet.com
Phone: (218) 236-6324

For further information about the AMATEUR RADIO NEWSLINE, please write to us with an S.A.S.E. at:

NEWSLINE
c/o Andy Jarema-N6TCQ
P.O.Box 660937
Arcadia, CA
91066

Thank You,
NEWSLINE

(**********
Some of the hams of AMATEUR RADIO NEWSLINE: WA6ITF WB6MQV WB6FDF K6DUE W6RCL N6AHU N6AWE N6TCQ K6PGX N6PNY KU8R N8DTN W9JUV KC9RP K9XI KB4KCH KC5UD KC0HF G8AUU WD0AKO DJ0QN and many others in the United States and around the globe!!!
(**********
[1000]

C L O S E D C I R C U I T A D V I S O R Y

Newsline Report number 1000 with a release date of Friday, October 11, 1996 to follow.

(*****
The following is a QST

The International Amateur Radio Union meets in Israel to discuss the future of ham radio worldwide and President Clinton proclaims Amateur Radio Week in the United States. These stories and more on Newsline report number 1000 coming your way right now.

(*****
SPECIAL WELCOME

Hello and welcome. This newscast represents our 1000th week of delivering to radio amateurs worldwide news and information about our communications service. We had planned on bringing you a special retrospective on the stories that we have covered the past nineteen and a half years, but there is so much breaking news that we are preparing a separate program instead. That show will be aired for us by RAIN -- the Radio Amateur Information Network based in Chicago -- and by other services -- at a later date. Right now, here is the very latest news.

(*****
IARU MEETS

The IARU Region 1 Conference, not the WRC 96 Conference as we reported last week, ended on October 6th. Representatives from 52 countries in Europe, Africa, the Middle East and the Commonwealth of Independent States met in Tel Aviv, Israel. The meeting considered one hundred and twenty

papers which present proposals for the development of the next generation in Amateur Radio. Included were dissertations on HF, VHF and Microwaves, contesting, new communication techniques, spectrum monitoring systems and in aiding potential amateurs in emerging countries.

The Conference had held meetings of a number of Permanent Working Groups to discuss Amateur Radio Direction Finding, Common Licensing, EMC, High Frequency Contesting and the STARS - 'Support The Amateur Radio Service' program.

The future of the amateur service was a major topic and much of the discussion centered around bringing an active corps of radio amateurs to these nations. Also discussed was the future of Morse code testing as a requisite requirement for obtaining a ham radio license.

(*****
PRES. CLINTON DECLARES AMATEUR RADIO WEEK

Thanks to the perseverance of a New York ham, the week of October 7th to the 13th was Amateur Radio Week nationwide. Darlena Mayo, KB2EPU, says that she has been working with the White House for quite some time to get President Clinton to declare such an event. When she heard that it had been approved, she was ecstatic:

"I was just totally elated. I can not put words into how I felt when I received this. I just went to cloud twenty seven. Because a lot of work, a lot of effort went into this. It took me several months and it took a lot of calling. I won't even think about my phone bill." KB2EPU

Darlena Mayo only learned of the proclamation on Tuesday October the 8th. She faxed us a copy of the announcement and it reads like this:

"Warm greetings to everyone observing October 7 through 13, 1996, as Amateur Radio Week.

In the past century, the medium of radio has changed the way we live and the way we view our world, and amateur radio operators have played a vital role in this communications phenomenon. Sharing knowledge and technological expertise, connecting computers via radio equipment, and linking people all across the globe, ham radio operators have helped to make our world a true global village. But even more important, they have provided a crucial lifeline of relief in times of disaster and hardship, ensuring that hope and help are on the way to those in need.

Amateur Radio Week offers us a welcome opportunity to thank our nation's amateur radio operators for their commitment to excellence and their willingness to work for the well-being of others.

Best wishes for a wonderful week.

(signed)

Bill Clinton"

Our congratulations to Darlena Mayo, KB2EPU, on a job well done and to President Bill Clinton for taking the time out of his busy campaign schedule to issue the declaration honoring the Amateur Radio service.

(*****
FEMA TO FCC: NO SHARING OF 2 METERS AND 70 CM

The Federal Emergency Management Agency better known as FEMA is saying no to sharing or reallocating the 2 meters and 70 centimeter ham bands to Low Earth Orbiting Satellites. In a letter to the FCC task force currently evaluating new spectrum for use by LEO satellites, FEMA Manager Paul Reed, tells the committee that his agency opposes any such change.

Reed says that Amateur Radio operators have a history of supporting state and local government emergency operations by providing needed communications. He says that many local communities served by ham radio have extremely limited resources and would be without any form of back-up communications without Amateur Radio.

Reed says that FEMA has been in contact with its state and local emergency management partners across the nation. That it is their belief that authorizing access to the mobile satellite service in the 2 meter and 70 centimeter bands will seriously degrade the ability of these groups to support their public service requirements.

The FEMA Manager ends his letter by strongly urging the FCC task force to remove both of these ham bands from any further consideration as a new home for Low Earth Orbiting Satellites. He says to leave them for use by ham radio and its emergency service partners, nationwide.

(*****
MITNICK PLEADS NOT GUILTY

An update on convicted computer hacker Kevin David Mitnick, N6NHG. In a court appearance a few days after he was indicted, Mitnick entered a not guilty plea to new charges that he illegally gained entry to computer systems, pilfered millions of dollars worth of software and caused damage to the systems.

Mitnick appeared before Judge Marianna Pfaelzer and entered a not guilty plea on all twenty five counts of computer and wire fraud, possessing unlawful access devices and intercepting electronic messages. According to court documents, the companies affected by Mitnick's alleged activities included Novell, Nokia, NEC, Motorola, Fujitsu and the University of Southern California.

The thirty three year old ham is being held without bail at a federal detention facility in Los Angeles. He also has a new lawyer.

According to news reports, Mitnick is now represented by Donald C. Randolph. Randolph represented one of Charles Keeting's top aides in the Lincoln Savings and Loan rip-off several years ago. Ironically, Marianna Pfaelzer is the same judge that sentenced Keeting to twelve and a half years in federal prison after he was convicted.

(*****
WINDTRACKS 10

Another in a series of ham radio high altitude balloon flights is taking place as we go to air and this one will be on 6 meters.

Windtracks 10 is set and ready for launch on Saturday, October 12th. The balloon will be launched about 7:00 AM EST from the New Augusta Public Academy northwest of downtown Indianapolis.

Students from the middle school will handle the radio communications and tracking of the balloon as it ascends into suborbit before it parachutes back to earth.

The project will carry a crossband repeater with output on 444.85 MHz and also on 6m on 52.525 MHz. Amateur tv cameras will send live pictures back to earth while an onboard GPS packet unit transmits APRS data.

The launch scheduled for September was scrubbed due to rain.

We will let you know the results of Windtracks 10 in a future Newsline report.

(*****
GATE 2 VANITY UPDATE

Just how many Gate 2 Vanity Call Sign applications the FCC ultimately will receive is still a matter of speculation. Original FCC plans called for running off 25,000 Form 610V copies for the entire vanity program. Later, the Commission upped the tally by nearly a factor of 10.

The ARRL says that it alone has distributed up to 20,000 vanity callsign application packages. This includes direct replies to SASEs, electronic requests and distributions at hamfests and conventions.

(*****
HAM RADIO AND MORE vs WWCR

Ham Radio and More -- the weekly ham radio talk show out of Phoenix, Arizona is no longer live on WWCR shortwave. According to show producer Len Winkler, KB7LPW, he has received a letter from Adam Locke, the operations manager of WWCR. In it, Locke says that the time formerly allotted to Ham Radio and More has been taken over by the religious broadcaster.

Lock tells Winkler that WWCR will continue to carry Ham Radio and More on tape delay on Mondays, at 09:00 UTC on 3.210 MHZ and on Sundays, at 03:00 UTC on 3.215 mhz. Locke also says that if other time frees up, he will return Ham Radio and More to live broadcast. Meantime, you can hear the program live over broadcast radio stations across the United States and in Real Audio on the World Wide Web.

(*****
ARRL MEMBERSHIP GROWS

The ARRL says that its membership hit an all time record of 173,491 members in August. The previous all time high of 172,752 was reached in March 1995, just before a small dues increase took effect that caused a slight decline.

(*****
NEW INFO BRANCH MANAGER

The new ARRL Regulatory Information Branch supervisor is Tom Hogerty, KC1J. Hogarty was formerly the assistant contest manager. He replaces Norman Bliss, WA1CCQ, who recently completed his masters degree and accepted a position as a school librarian. Al Gordienko, KF2FB, has been named as the new assistant contest manager. He'd worked previously in the ARRL-VEC.

(*****
NWS AND HAM RADIO

If you're a ham interested in using your skills and equipment during emergencies, you may get a request for help from the federal government. The National Weather Service wants to make more use of hams.

Amateur radio communications was one of the topics at a mid-September Weather Service Conference in Salt Lake City, Utah. Among those invited to speak was Newsline's David Black, KB4KCH.

These are times of big changes for the National Weather Service. The agency is undergoing what's called modernization. Some offices are closing, while others assume more responsibility. Offices which used to issue weather warnings for roughly a dozen counties may have to cover more than twice that number under the new plans.

At Salt Lake City, meteorologists from eight western states discuss establishing and strengthening amateur radio communications networks. Paul Flatt, KC7OVO, is a Weather Service warning coordination meteorologist.

"In Tucson, Arizona, we started the year with about 40 ham radio operators as Skywarn spotters. I think we are up to 75 or 80 at this point in time. I would like to see that grow higher, to put an upper number on it, I couldn't really do that. To cover the area so the entire portion of where I'm at, southeastern Arizona, has some ham radio operators somewhere nearby." KC7OVO

The Conference addresses issues including how to establish spotter groups, frequencies and resources available, and the various types of emergency communications groups including RACES and the Amateur Radio Emergency Service. Rich Douglas is the Conference organizer.

"We could do a lot more and hope to do a lot more and are trying to plan to do a lot more with amateur radio. I would say three or four years ago we did not take advantage of this wonderful opportunity. Now we are trying to organize ham radio networks. Working with our offices, each of the 24 offices, for about two or three years most of our offices have installed radio equipment. Our Regional Director, Dr Tom Byer supports this program.

Ans he not only says he does, he does with his budget. He makes sacrifices in his budget to make sure we start gettin' some equipment." Douglas

Concern is expressed over the ability of hams to provide emergency communications services if their frequencies are invaded by commercial users. Several meteorologists say they will write letters opposing possible allocations to a commercial satellite service said to be considering the 2 meter and 440 MHZ amateur bands.

Conference attendees learn about amateur equipment and radio systems, packet and amateur televison. Even with Doppler radar and other high tech equipment, hams are needed to help confirm conditions forecasters often suspect but have no proof exist. Again, Rich Douglas:

"First of all, they're very dedicated people. We have found they are among the most reliable group that we can count on. And of course the advantage of instant communications by way of a radio." Douglas

The Weather Service continues to install amateur radio equipment in various offices, as the agency moves ahead with plans to make more use of ham radio in serving the public.

Skywarn storm spotting isn't the only amateur service that forecasters learned about during the Conference. Attention also focused on using ham radio for backup communications when normal circuits fail. That's exactly what happened in early September when Hurricane Fran knocked out phone lines to Weather Service offices in North Carolina.

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HAM-ASTRONOMER HONORED

Some names in the news. First is Dr James M. Moran, K1AKE, who has been awarded the 1996 Karl G. Jansky Lectureship by Associated Universities Inc and the National Radio Astronomy Observatory. The Jansky Lectureship is awarded for outstanding contributions to the advancement of astronomy. Moran, a professor of astronomy at Harvard University, is best known for his application of the techniques of very long baseline interferometry to the study of astronomical masers.

(*****
KD4WUJ WINS COUNTRY MUSIC AWARD

And congratulations to entertainer Patty Loveless, KD4WUJ on her first Country Music Association Female Vocalist of the Year award. According to news reports, Patty received a standing ovation at last weeks 30th Annual Country Music Awards presentation held at the famed Grand Ole Opry in Nashville, Tennessee.

Last year, Patty Loveless made history when she became only the second woman to win the Country Music Associations' prestigious Album of the Year award for her album When Fallen Angels Fly.

Both Patty and her husband / manager Emory Gordy, W4WRO, are active hams.

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HUDSON DIVISION CONVENTION

On the convention scene, the semi-annual ARRL Hudson Division Convention takes place on Sunday October 20th at the Huntington Hilton Convention Center in Melville, New York. Melville is out on Long Island and the convention will feature commercial exhibits, seminar sessions, VE testing and guest speakers including ARRL First Vice President Steve Mendelsohn, WA2DHF.

This one day convention happens only every other year. With Vice President Mendelsohn serving on the League's WRC 99 committee, this is not a show to miss.

For more information please contact the Radio Central Amateur Radio Club in care of Neil Heft, KC2KY at his callbook address.

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AMATEUR RADIO LO-JACK

And finally, most people are familiar with the Lo-Jack system for recovering stolen vehicles. Amateur radio operators have been experimenting with a similar system called APRS which really isn't designed to recover stolen cars, but certainly could be used in that mode.

Now, the San Diego California Responder newsletter reports that recently, as Scotty Leikett, W8KXX, was going to bed, he looked out his window and noticed that his APRS-equipped car was missing. One glance at his computer terminal showed that the vehicle was across town and moving! He notified the San Diego Police Department, but the dispatcher would not believe that an owner had the ability to track his stolen car by radio.

When the policeman arrived, Scotty explained the ARPS system and showed him the car's symbol with the unique amateur call on an APRS city map. The officer relayed the precise location to the police cruisers.

As it happened, the stolen car and a police cruiser were stopped at the same red light with the thieves were still in the car. Surprised at the officers' sudden attention, the culprits made an illegal left turn and the chase was on. Soon after the crooks abandoned the car and escaped, leaving a hand gun behind.

The car was recovered without major damage thanks to ARPS and ham radio.

(*****
THANK YOU ALL

Before we go we want to pause for a moment to thank the worldwide ham radio community for is support of Newsline for the past nineteen and a quarter years. For almost two decades we have had the honor of bringing you news and information that we hope has helped you to understand the service a bit better and to enjoy it even more.

No, not every story we report is good news. Sometimes what we detail brings the same tears to our eyes as it does to yours.

Unfortunately, not all news is good news and as the messenger it is our job to present it in as objective a way as we can. We do not succeed every time, buy we can assure you that we do try.

So as we close Newscast number 1000 and head to number 1001, we again say thank you -- thank you for supporting us and giving us the drive to continue. Your messages and letters and ongoing financial support tell us that what we do is appreciated.

(*****
And for this week, and for the first 1000 weeks, that's all from the Amateur Radio Newsline. You can write to us at:

NEWSLINE
P.O.Box 660937
Arcadia, California
91066

For now, with Bill Pasternak, WA6ITF at our editors desk, and reporters worldwide, we at Newsline say 73 and we thank you for listening.

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< ^^>
< "Big Steve" Coletti >
< Computer and Network Installation, Upgrades and Repair. >
< Internet: bigsteve@dorsai.org >
< I was balding, then I installed Windows 95 and pulled the rest out. >
< US Mail: P.O. Box 396, New York, NY 10002 >
< Fax Weekdays/Voice Weekends: +1 212 995-2637 >
~~~~~~
~~~~~~

5471. Re: repeaters

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: shendo@access-one.com
Message-ID: <tcpnntpd.16.10.19.22.13.38.3046360759.1386446@access-one.com>
Source record: 214439

WD>In article <53uo7u$8qm@faith.total.net>, sjackson@Infobahnos.com wrote:

WD>> Could some one tell me if it is possible to transmit by chaining
WD>> through one repeater to another, so as to increase range, on the uhf
WD>> or vhf bands?
WD>>
WD>> I am new to this so please forgive me if my question is utterly
WD>> ludicrous. Thank you.

WD>Not a ludicrous question at all. The answer is 'yes', you can, and it's
WD>usually called "linking".

WD>You can link several ways:
WD> 1. use a separate 'link' frequency or frequencies to pass along control
WD>and audio signals
WD> 2. tune a remote receiver to the other repeater's output.. do this on
WD>both sites
WD> 3. one of the repeaters has a transceiver attached, and it operates as
WD>a 'remote base'

WD>There are linked systems that cover just two repeaters.. then there are
WD>the super systems like the ZIA system that covers west Texas to
WD>California, along the southern part of New Mexico and Arizona. Now, THAT
WD>is a linked system!

WD>73 Wayne KF5ZC

WD> ---
WD> Wayne Day KF5ZC Fort Worth,Texas,USA kf5zc@amsat.org
WD> CompuServe: 76703,376 76703.376@CompuServe.Com
WD> wday@cq.net
WD> Member: Bicycle Mobile Hams of America
WD> For info on BMHA or the BIKEHAM mailing list: Finger KF5ZC@dfw.net
WD> ---

ZIA is nothing..comapred to the Evergreen Intertie in Washinton....Links
Montana,N Idaho, Oregon, Washington, and British Columbia together.
Links and ports interigation codes all user avaliable. Trunks are N/S
E/W and KBARA. Not as good as it use to bee though to be honest. Alot
of ports are shut on the OFF position due to the system is so huge. They
can be brought up though.

We also have a HUGE link system in ALASKA called the ICEWORM network
that links all of Alaska (Fairbanks, Juneau, ANchorage, Kenai.) etc
together with NetRom ports into internet. KEY TO THIS though is its ALL
PACKET.....also Clusters avaliable on itl.

Great system....ICEOWRM....connections are supper fast.

Forgive the misspellings.

opps :)

5472. Re: DREWBOB thoughts (Burt)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: drewbob@mit.edu
Message-ID: <54atbl$46@senator-bedfellow.MIT.EDU>
Source record: 214440
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Hmmmm...well, I certainly can't say much for Burt's sense of net.ethics as far as posting email goes (I mean, nobody else cares, what's the point?), but he did warn me he was planning to do this. At least he quoted faithfully (except I had to add in the "BF"s and I did miss one) so, uhhhh, thanks Burt for having that bit of integrity, I guess.

drewbob aa1hx

5473. Re: amateur tcp/ip packet - how should it be done?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: n8fow@wireless.org
Message-ID: <54bj78$cgt@cwis-20.wayne.edu>
Source record: 214441

Eric Fort (df639@cleveland.Freenet.Edu) wrote:
:
: First I'd like to thank and compliment those who have given so much
: of their time and effort to developing the code base of amateur radio
: software, especially those who've contributed to ka9q nos and it's
: dirivitives. With the recent or maybe not so recent availability of
: 386 or better computers able to run windows or public unix varients
: for $200-300 used (less if your patient) I've begun to wonder if it may
: be time for the amateur tcp/ip community to move on and use more capible
: and easier to setup/use software. for use as a server linux was easier to
: install and setup than nos and I've had less (read NO) problems with
: bugs under linux.

People have been doing this for several years now. I've ran Linux without
NOS over 2.5 years ago and there are many systems that ran it that long
also and havn't run NOS in several years. It's being done now, it just
takes time for people to change.

: kd6glp

Ron N8FOW

5474. Re: Dealing with Contests

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: rogerjb@ibm.net
Message-ID: <54b4q5$16gi$3@news-s01.ca.us.ibm.net>
Source record: 214442

In <3268101E.6F74@liant.com>, Robert Barron <barron@liant.com> writes:
=>
>What if the sanctioning body decides to state that 50% of a band
>segment is "allowed"? Is that good enough?

It would be good enough for me.
>Everyone should ask if a frequency is in use before using a...

True. But come on. Contesters very rarely do this. Certainly they do it
less often than hams engaged in most other activities.

Roger J. Buffington
W6VZV
rogerjb@ibm.net

USC Law School, Class of '97

"I want to die peacefully, in my sleep, like my Grandfather."
"Not screaming, and in terror, like his passengers."

5475. Re: Libel me, Think.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: drewbob@mit.edu
Message-ID: <54atsl$46@senator-bedfellow.MIT.EDU>
Source record: 214443

Burt Fisher (k1oik@ccsnet.com) wrote:

: A life is more than talking on a radio about nothing to someone you are
: unlikely to ever meet. A life is more than call CQ Contest and exchanging
: both false and useless information.

Dear Mr. Fisher:

Your recent application for the position of Judge of What Is and Isn't
A Life has been reviewed. We regret to inform you that you are not
qualified for the position. (In fact, we all had a really good laugh
down here at the office.)

We wish you luck in finding a clue.

The Management

5476. Re: Youthnet NEWS Survey

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <326972D7.F92@ccsnet.com>
Source record: 214444

Alexis Leynes N9KYJ wrote:

Typical teen response

> 1. What made you interested in Ham Radio?

I had no life.

> 2. Why do kids want to be hams?

See previous answer.

> 3. Are you more interested in building ham equipment or using them

No one builds.

> 4. Are there ham clubs for young hams in your area?

For the dead and neard dead,

> 5. What would young hams like to see more of in amateur radio?

Young girls.

> 6. As a young ham, do you think that you are well represented in
> national or local ham organizations?

Are you serious?

> 7. What do you talk about with the adults on the air?

Nothing of interest.

> 8. Do you feel that adults are ignoring you?

Does the sun rise in the east?

> 9. Is the testing requirements easier or harder for you? What do you
> want to seem more in these tests?

A challenge.

> 10. How do you think is ham radio helping you in your everyday life?

Keeps one away from pregnancy.

```
#================#=====================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | If you sit on the fence, it is a pain in the butt|
#================#=====================================================#
```

|This message was posted from home k1oik@ccsnet.com |
#===#
If you try to milk too much, you won't get a drop
Samantha Fisher

5477. 02:Amateur Radio Newsline #1000 11 Oct 1996

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: bigsteve@dorsai.org
Message-ID: <488_9610201800@bonfirebbs.com>
Source record: 214445

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continue. Your messages and letters and ongoing financial support tell us
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And for this week, and for the first 1000 weeks, that's all from the
Amateur Radio Newsline. You can write to us at:

NEWSLINE
P.O.Box 660937
Arcadia, California
91066

For now, with Bill Pasternak, WA6ITF at our editors desk, and reporters
worldwide, we at Newsline say 73 and we thank you for listening.

(* * * Newsline is copyright 1996 & all rights are reserved. * * *

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< ^^>
< "Big Steve" Coletti >
< Computer and Network Installation, Upgrades and Repair. >
< Internet: bigsteve@dorsai.org >
< I was balding, then I installed Windows 95 and pulled the rest out. >
< US Mail: P.O. Box 396, New York, NY 10002 >
< Fax Weekdays/Voice Weekends: +1 212 995-2637 >
~~~~~~
~~~~~~

5478. Re: Code or No Code...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <54bprd$jav@news.Hawaii.Edu>
Source record: 214446

kd1hz@anomaly.ideamation.com says...
>Carl Stevenson <carl@ais.net> wrote:

> >It is well-accepted in the engineering community that there
> >are many modulation and coding combinations that are FAR more effective
> >than OOK Morse in the face if poor channel conditions such a fading,
> >interference, and noise ...

> That's nice. How many of these are in use in the amateur bands? How
> many are available in commerically-available ham gear?

An even better question is how many of those modes can Carl himself build
from scratch?

We're not all appliance ops like you, Carl. You're idea of homebrewing
is to open the box, remove the packing material, plug in the rig and
auto-tuner, and connect the store-bought antenna.

Jeff KH2PZ

5479. 02:VK2WI News, 20th October 1996

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: richardm@zeta.org.au
Message-ID: <50b_9610240321@bonfirebbs.com>
Source record: 214447

by packet radio to BCAST@VK2WI.NSW.AUS.OC, or
by Internet e-mail to wiansw@sydney.dialix.oz.au

Please note that the deadline for news items is 2pm on the Friday
preceding the broadcast; if submitting news items by packet or internet,
please allow for forwarding delays in the network.

If submitting printed copy, please:
submit your news item on A4-size paper;
double space your text;
write on one side of the paper only, and
use a plain font such as "Arial" or "Helvetica", 12-point or larger. This
is
especially important if sending your news item by fax.

Please avoid using abbreviations and shorthand, check your spelling,
grammar, and punctuation, and use the exact words you wish the
announcer to say on-air. Remember, the more care you take in preparing
your news item, the better the announcer will read it.

BROADCAST ROSTER
Next Sunday, 27th October
Morning:
Announcer: David VK2NH
Engineer: Peter VK2JPJ
Evening:
Announcer: Tony VK2DJW
Engineer: Peter VK2EMU

--
Richard Murnane VK2SKY
Email: richardm@zeta.org.au
Web: http://www.zeta.org.au/~richardm
Bonus Fool On the Hill Web page: http://www.zeta.org.au/...
...~richardm/psychology/case-studies/fool/index.html
Packet: vk2sky@vk2op.nsw.aus.oc

5480. re: is equipment building and repair a lost art? your comments, please.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: markl@dove.net.au
Message-ID: <845682825mnewsmarkl@dove.net.au>
Source record: 214493
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

>
>
> I think the Amateur Community is not as " tuned into " electronics as it once
> was. With the actual queations and answers presented there is no need to learn
> Ohms or Kirchoffs law How many can calculate the gain to a common emmiter
> amplifier circuit. You do not learn that by reading a Q & A Manual.
> I used the ARRL License manuals in the early 1970s. It was basically a sylibus
> (sp) of what one needed to know to pass the exam. Then you " hit the books "
> for the answers. Now you just memorize the answers to the questions. Sure
> some knowledge has to soak in, but the majority appears to be forgotton once
> " you passed " is heard . I happen to be in the business and the kinds of
> questions I receive have really changed over the 7 years I've been involved.
> Now I speand most of my time merely reading the manual verbatium to the caller
> who appears to be willing to pay long distance charges to be read to. Not
> complaining, the customer needs and abilities have changed over the years.
> I have chatted with EE degreed Extra class license holders who could not cut
> a dipole antenna which I found amazing but true none the less.
> I do agree the need for club projects, how about showing some club members how
> to photo etch a circuit board, or what positive feedback really does, build an
> antenna tuner or SWR meter Building is great fun. It's up to the builders of
> the community to give a hand and show the new comers what they are missing
>
> Gary
>
> .

This is not unique to "new" amateurs. The other day at the radio club I repaired a radio for a full call (has had a licence for 30+ years). The fault was a simple mechanical mis-alignment of the PTT plunger onto the switch. This same amateur needed help to determine that the lead fromn the battery charger has a break in it.

Mind you, he is a good operator
Mark.

5481. Re: SCREW THE CODE!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: carl@ais.net
Message-ID: <549ap4$6hk@news.ais.net>
Source record: 214494

In <3267EDA6.2C71@gte.net>, Jim Conn <jconn@gte.net> writes:
>Your assumption that I have no understanding of modern communications
>technology is pure nonsense.

Your asinine, ridiculous comments leave no doubt that you haven't a
clue about modern communications technology ... I'm sure I have
technicians in their mid 20s working for me who know far more than you
..

[snipped ridiculous claims that fly in the face
of every comment you've ever made here]

>OTOH, I don't believe ham radio has been exactly left
>stagnating. Read the spec sheets on some of the newer ham rigs. They
>don't sound "stagnant" to me. They sound very modern.

They sound about 10-15 years behind the times (for anything except ham
radio, that is) ... if you knew where things were today, you'd know
that ...

>I believe the
>various manufacturers of amateur equipment have folded in the latest
>technology and implemented every technological advantage they can within
>financial limits. There are some superb communications sets available now.

This just goes to show again how little you know ... I'm sure you were
one of the first ones to get suckered into one of those "high-tech"
quadruple conversion superhets ... aka "Spur Gardens" ... at an
inflated, bend over and grab your ankles price ... "Duh, gee Mabel, it's
got 4 IFs ... must be better than our old one, that only had 3 ..."

>Well, I believe I do know what I am talking about.

Well, I believe that you're seriously self-deluded ... EVERY argument
you've made since I first encountered you here has been totally absurd
and technically inaccurate ...

>Suppose your job is delivering bread to grocery stores all day. At the
>end of the day, your boss says you have to log on the computer and
>enter your time worked which takes about 15 minutes. Then you tell
>your neighbors that your job is to work at a computer. You don't
>mention that the majority of your time is spent delivering bread.

Oh ... now I get it ... you're talking about YOURSELF here ... you
deliver bread, you "work with computers" (and you talk on the two-way
radio in the bread truck, sometimes, so you also "understand modern
communications" ...) NOW I GET IT .... thanks for clarifying that ...

>They permit our hobby activities so we will be operationally sharp
>when an emergency comes up that requires our services.

Yeah, hanging out on 14.313 and screaming obscenties like an asshole
really helps to keep one operationally sharp, all right ... so does
seeing how badly you can stomp your competitiors int the dust in the
contest of the weekend ... so does saying "What's your 10-10 number?"
over and over and over again ... so does "UR 599 in ___ PSE QSL TNX
<SK>"

What we need Jim, is a test that will keep idiots like you from getting
licenses ...

Carl - wa6vse
carl@ais.net

5482. Re: can amatuer radio survive ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: markl@dove.net.au
Message-ID: <845682553mnewsmarkl@dove.net.au>
Source record: 214495

kk5dr@io.com asked of Amateur Radio:

>
>
> Will it be alive, as we know it, in 10-20 yrs.? Your opinions please.
> .

I can't speak for the world, but certainly in Australia, the amateur population is ageing at a faster rate than the general population and ultimately, this means that the hobby will die out unless significant effort is devoted to the people side of the hobby.

In Australia anyway, the hobby is becoming dominated by old men (I include myself here). I have a feeling that unless a wider demographic spread can be introduced to the hobby, it will face serious problems.

Paradoxically, I think the problem is because amateurs, here anyway, are poor communicators (to the general public). I think that this may become more of a problem if the population of amateurs continues to concentrate in a single age group. Unless people of all ages can see a role model in the hobby which roughly matches their own age & interests, it will become harder to get them into the hobby, given the wide range of communication options available to them.

I don't think this is a lost cause, BTW, just one that needs effort.

Mark.

5483. Re: ���� ����� ��� �� ����...�� ������...OK !!! ����

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: jxs2151@shore.intercom.net
Message-ID: <54999a$897@shore4.intercom.net>
Source record: 214496
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.snowmobiles,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketplace.vinyl,rec.music.makers.guitar.acoustic,rec.music.dylan,rec.music.artists.kiss,rec.motorcycles.dirt,rec.models.rockets,rec.games.video.classic,rec.games.video.advocacy,rec.games.roguelike.nethack,rec.games.frp.misc,rec.crafts.textiles.quilting,rec.crafts.metalworking,rec.collecting.dolls,rec.collecting.coins,rec.boats.paddle,rec.boats,rec.bicycles.racing,rec.bicycles.misc,rec.autos.makers.honda,rec.arts.sf.movies,rec.arts.movies.past-films,rec.arts.marching.drumcorps,rec.arts.bodyart,rec.aquaria.marine.reefs,rec.antiques.radio+phono

In article <3265C203.6008@pilot.msu.edu>, boldtlev@pilot.msu.edu wrote:
>Is anybody else getting sick and tired of seeing these ads for
>pyramid-scheme "fundraisers?" Anything we can do to make them shut up?
>

The best idea is to email their ISP. Usually, individuals who do this sort of thing are too stupid to forge an email address. You would then take the portion of their email address that comes after the @ and append it with "postmaster". Once you have an email address that looks like: postmaster@fubar.com you then email a copy of the offending advertisement to their postmaster with a note stating that you wish this behavior to cease. This is amazingly effective.

Jeff

5484. FT-530 Help with circuit component identification (anyone with a Technical Supplement??)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: kc7mqj@cyberhighway.net
Message-ID: <32693b99.10405254@news.cyberhighway.net>
Source record: 214497
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur

I am trying to locate component values for the components on my "V&V Local unit" (at least that is what my Technical supplement calls it).

I can't determine the values of the parts on this board!! I see the names but can't match them up to any parts list anywhere.

The parts are:

C 4003
C 4004
C 4016
C 4002
C 4005
C 4012
C 4014

L 4002
L 4003

Q 4001
Q 4003

R 4006
R 4001
R 4002
R 4005
R 4009
R 4004

If anyone knows what the values (and or industy, not Yaesu, part numbers) are for these items I would greatly appreciate it if you could forward them to me. It seems I must be missing a page of my Technical Supplement.

Thanks a bundle,

"If it ain't broke, it doesn't have enough features yet!"

_____ _____ __
_____ /__ / / /__ ___/___ __/____ _/___ | / /
___ _ / _ / / / _____ \ __ / __ / __ |/ /
/ /_/ / / /_/ / ____/ / _ / __/ / _ /| /
____/ ____/ /____/ /_/ /___/ /_/ |_/
Justin McGimsey KC7MQJ (Amateur Radio)
kc7mqj@cyberhighway.net kc7mqj@juno.com
http://www.cyberhighway.net/~kc7mqj

5485. Re: Code or No Code...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct19.024902.9019@ke4zv.atl.ga.us>
Source record: 214498

In article <01BBB9EA.732040C0@yhc.yhc.edu> bgeiger@yhc.EDU (Benjamin Geiger) writes:
>As far as the "outdated mode" claims... lemme see if i can come
>up with a realistic scenario... OK. Suppose you are camping with a
>friend. You are out in the wild, your friend is critically hurt, and
>your batteries are dead, or your radio is broken. {I'm doing my best,
>hang with me...} You have a whistle... you can send morse code on that
>whistle... or a mirror... you can signal a plane... What I am trying to
>say is that morse code can be sent with practically anything. (ever
>tried to signal Clover on a whistle?)

The problem with this scenario is that SAR personnel aren't trained
in receiving Morse. They are trained to listen for three short blasts
on a whistle (or three gun shots), a pause, three more short blasts,
another pause, ad infinitum. This is an easily recognized and easily
maintained cadence which has proved over the years to be an effective
wilderness distress signal and sound source for homing in on the lost
or injured party.

Pilots engaged in SAR aren't required to, and generally don't have
the training to, read Morse by heliograph. They are trained to look
for repeated patterned flashes on the ground, however. In neither
case is knowledge of Morse of any real benefit to the lost or injured
party. First because potential rescuers generally don't know it. And
second because the primary purpose of such emergency signaling is
to attract attention and aid in location of the victim. Any distinctive
repeated sound or light pattern can serve that purpose, but historically,
back to at least the days of the Hudson's Bay Company, it has been the
repetition of groups of three noises, flashes, puffs of smoke, etc that
have served this purpose.

>And I AGAIN stand by my claim
>that morse is the most readable mode under QRM. A good op can copy
>morse when SSB couldn't make it through... And since one of the main
>purposes of ham radio is to provide emergency communications, morse is
>only a natural choice.

Strawman. Almost anything can beat naive analog voice modes in heavy
interference. OOK is only one of the methods, and it is among the least
efficient and effective at doing so. The generally most effective method
to counter jamming (and any discrete spectrum interference can be considered
a form of jamming) is FH SS, which is why the military uses it so much.

Coherent techniques are more effective than OOK in a gaussian weak signal
environment. A current amateur example is PACTOR II. However, other methods,
such as those used for the past 25 years by NASA for deep space missions,
by the Navy for communications with submarines, and similar techniques

adapted inexpensively by Lowfer hobbyists, are also more effective than OOK Morse.

If OOK Morse is best, why doesn't NASA and the military use it anymore? It should be a clue that when mission critical communications is fielded, OOK Morse is conspicuously missing from the list of candidate methods considered by services other than amateur radio. Do you think amateurs know something the professionals don't, or could it perhaps be the other way round?

It has been nearly 50 years since Shannon founded the basis for modern information and coding theory. Other services have adopted the fruits of that research (albeit sometimes slowly and with hesitation). Amateurs largely are not even aware that such techniques exist. It is past time for that to change. One step in that change is puncturing the myth of OOK Morse superiority.

Another step in that change is to show that these other techniques are not too complex or expensive for amateurs to understand or adopt. The central ideas of modern information and coding theory aren't hard to grasp, and implementing many of them isn't difficult or expensive in principle. The military in particular has tended to throw large sums of money at the implementation issue, as they've typically done with other things, but the example of the Lowfers shows that isn't necessary. In fact, use of some of these modern techniques can actually reduce the expense and complexity of meeting a particular communications goal. Efficient systems almost always work out that way.

A recent example of that is DSS television. The application of modern information and coding theory has allowed a $199 system sporting an 18 inch dish to deliver 200 channels of fairly high quality TV to the home. By contrast, the older system it replaces requires a 6 to 12 foot dish system retailing for $1,000 or more to deliver up to 24 channels of analog FM television on the same satellite power budget. The cheaper, smaller, more elegant solution exploits the power of modern information theory to more efficiently use available resources.

Now amateurs aren't likely to want or need the capability to send and receive 200 channels of TV, but the principle used scales nicely. For the information rates typically used by amateurs, systems can be correspondingly simplified, or the power level the amateur needs to use can be proportionately reduced, lowering radio and antenna requirements at both ends of the communications path, and incidentally reducing the interference level for other users of the spectrum.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org

Lawrenceville, GA 30244 | |

5486. Re: Is equipment building and repair a lost art? Your comments, please.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct19.031229.9218@ke4zv.atl.ga.us>
Source record: 214499
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

In article <546ohn$lc6@villa.fc.net> filipg@paranoia.com (Filip M Gieszczykiewicz) writes:
>In Article <1996Oct10.153207.4916@ke4zv.atl.ga.us>, through puissant locution,
gary@ke4zv.atl.ga.us (Gary Coffman) soliloquized:
>>Many of today's radios have gone to surface mount parts, and that
>>makes repair a lot easier. You only need to be able to get to one
>>side of a circuit board, so you often don't have to disassemble
>>the radio very far in order to replace the bad part. SMD has made
>>the repairman's job much easier.
>
>Greetings. The topic has been lost here... "repairman" not the same
>as "equipment building and repair"... All you needed back then
>was a roll of solder, some flux, and a 60Watter... compare this
>to the $500+ Pace SMD rework station... Yes, a repairman IS
>equipped to repair and maybe even "homebrew" with SMD... but the
>average Joe "Ham" Sixpack is certainly not.
>
>I can easily repair a DIP-based device... a $15 desoldering iron
>from RatShack and some experience gives me perfect unsolders 99%
>of the time... but I can not afford an SMD station.

You appear to have a mistaken impression that SMD work requires
an expensive SMD rework station. In fact it does not. All you
really need is a source of static hot air and a few inexpensive
tools and supplies. A Weller Pyropen Jr is an inexpensive and
convienent source of static hot air. Add tweezers, toothpicks,
small bottles of solder paste and flux, a bit of solderwick, a
bit of modeling clay, and a jeweler's loupe, and you have a
complete SMD rework station that'll fit in a coat pocket and
will work in places where you can't even find an outlet to plug
in your soldering iron.

>Not that I don't improvise... I snip the legs off the SMD device
>with a Dremel and glue down the new device on top of the old and
>solder in 30ga wires from the old pads to the new.. or use a
>DIP... or just toss it.

Yuck! What an ugly technique. Why not just properly remove the
SMD device and replace it with a new one? It isn't hard to do
the repair correctly. You've just got to get over the one pin
at a time fixation soldering irons tend to promote.

Gary

--
Gary Coffman KE4ZV | You make it, | Due to provider problems

Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

5487. amateur tcp/ip packet - how should it be done?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: df639@cleveland.Freenet.Edu
Message-ID: <549mdb$lnj@madeline.INS.CWRU.Edu>
Source record: 214500

First I'd like to thank and compliment those who have given so much
of their time and effort to developing the code base of amateur radio
software, especially those who've contributed to ka9q nos and it's
dirivitives. With the recent or maybe not so recent availability of
386 or better computers able to run windows or public unix varients
for $200-300 used (less if your patient) I've begun to wonder if it may
be time for the amateur tcp/ip community to move on and use more capible
and easier to setup/use software. for use as a server linux was easier to
install and setup than nos and I've had less (read NO) problems with
bugs under linux. NT is another solution for a packet server. For a
client Windows 3.x, 95, and NT have software available to bind the winsock
tcp/ip stack (ie trumpet) to your packet radio hardware. This allows
any application that can be run over the internet to be run over packet.
some that come to mind could be digital voice (linking distant repeaters
over packet), iphone; www (client and server) ; file transfer, ftp; remote
login, telnet n rlogin; irc, (chat); and others. the posibilities are
limitless. so where do we go from here, what should be done to bring paocket
into the 21st centuruy? I open this for discussion and would like to see your
comments posted here.

73,

kd6glp
44.18.0.97
--
df639@po.cwru.edu

5488. Ham Web Page

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: marty@thepit.trucom.com
Message-ID: <549q32$d2d@thepit.trucom.com>
Source record: 214501
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.space

Hello, Folks:

I have just put up my new home page and invite all to drop in for a look. Included at the site are the following areas:

Ham Radio -- Mostly packet, mostly high speed

Pipe Smokers -- Very, very much still under construction

Astronomy -- Mostly Amateur Radio Astronomy (good 2nd interest for Hams!)

Mapping -- Mostly about elevation maps - NEW INFO!

The URL to use is:

http://www.trucom.com/ppages/marty

I have just today (17 OCT) updated the pages to include a Frames Version that makes navigation around the site easier. Note that the non-Frames Versions are still there but the URLs have changed.

Thanks!

Take Care & 73

Marty Albert - marty@trucom.com
Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM

Heartland Internet Services

****
Are You A Pipe Smoker? Have A Look!
http://www.trucom.com/ppages/marty
****

5489. 1.DSCHINFO-26.10.-HH-89,1Mhz-19:30Uhr-___---""!""---___

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: FSK-HH@CL-HH.comlink.de
Message-ID: <6J9tlY4GL7B@p-fsk.cl-hh.comlink.de>
Source record: 214502
Cross-posted to: rec.radio.amateur.misc,cl.bildung.allgemein,cl.europa.deutschland,cl.gruppen.ig_medien,cl.kultur.musik,cl.kultur.szene,cl.medien.allgemein,cl.medien.funk,cl.medien.vernetzung,cl.nordamerika.allgemein,cl.presse.ticker,cl.technik.folgen,hamburg.aktuelles,hamburg.szene,hamburg.termine

hi,

wir beginnen am Samstag, 26.10., um 19:30 Uhr, im FSK (Freies Sender Kombinat), unser erstes woechentliches Infoprogramm: DSCHINFO!

FSK teilt sich in HH seit Maerz die Frequenz 89,1 Mhz mit Deutschland-Radio Berlin und sendet taeglich zwischen 19:30 und 23:00 Uhr. Die erste halbe Stunde (zwischen 19:30 und 20:00 Uhr) verantworten autonome Infoteams, die nach gemeinsamen Uebereinkuenften eine taeglich wechselnde (Wort-) Informationssendung gestalten.

Da unser DSCHINFO-Konzept auch beim Inforadio angenehme Techno-Stoergeraeusche (simulierte Echtzeitsimulation) als akkustische Stilmittel vorsieht, werden wir nicht immer KLAR zu verstehen sein! Wer sich ueber fluechtiges Hoeren hinaus zu unseren Interviewpartnerinnen, Themen, dem DSCHINFO-Konzept, dem Dschin International Mixed Media Collective, CCC, FSK, U-Site uvm. informieren will, wird in unseren Sendungen auf Email-Adressen, Webseiten und weitere Medien verwiesen.

DSCHINFO wird im Oktober, November, Dezember 96 woechentlich eine halbe Stunde zu hoeren sein - im Dezember sind wir bestenfalls immer DIENSTAGS dran! Sollten irgendwelche kurzfristigen Termine, Orgahinweise o.ae. zum FUTKON13 (13. Futurologischer Kongress) auftauchen, koennen wir ausserhalb unserer Sendung jeweils Dienstags dazu Ansagen machen!

viel Spass, Euer DSCHINFO-Team

2. DSCHINFO - vormerken, weitermailen: Samstag, 26.10., 19:30

Freies SenderKombinat:
Radio Loretta * Radio St.Paula * Uni-Radio *
Stadtteil- und Forumradios * dschin mixedmedia

FSK Hamburg, Schulterblatt 23c, 20357 Hamburg
Voice: 0049-40-434324; Fax 0049-40-4303383

5490. This Week in Amateur Radio #186 (for air through 10/25/96)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: "Stephan M. Anderman" <sanderman@delphi.com>
Message-ID: <BzLRG-N.sanderman@delphi.com>
Source record: 214503

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-
Here is a summary of news items covered on edition #186 of
"This Week in Amateur Radio", North America's satellite-delivered
audio bulletin service, for the week ending 25-Oct:
-
1. Congress Mandates Reallocation of Frequencies at 2.3 GHz
2. ARRL Board Elections Continue, Several Divisions Contested
3. 200 kW Morse Code Transmitter Returns to the Air This Week
4. Special Event Station Calendar
5. "Gateway 160 Meter Net Report" with Vern Jackson, WA0RCR
6. FCC Antenna Tower Registration Deadlines Approaching
7. Texas Broadcast Tower Fails in Wind, Several Workers Killed
8. "The RAIN Dial-up" from Chicago
9. Supercomputer Pioneer Dies after Colorado Auto Accident
10. "Ancient Amateur Archives" with Bill Continelli, AB2CA
11. Weekly Propagation Forecast
-
Funding for the program's transmission and production expense was
provided this week by a grant from Gene Wicklund, WA0ZOK, of Horace,
North Dakota, where "This Week in Amateur Radio" is heard on the
WA0ZOK repeater, serving Fargo, North Dakota; Morehead, Minnesota;
and the Red River Valley on 443.75 MHz.
-
"This Week in Amateur Radio" is a weekly amateur voice bulletin
service, produced by Community Video Associates, Inc., a New York
State not-for-profit corporation based in Albany, NY. The program
is heard on the "W0KIE Satellite Network" each Saturday at 9:00 PM
(EDT) on the Hughes Communications SBS-6 commercial communications
satellite, transponder 13B upper, located at 74 degrees west
longitude in equatorial geosynchronous orbit. The transponder
center frequency is 12.019 GHz; tune up in frequency to 12.031 GHz.
Program audio is on the 6.2 MHz analog subcarrier and carried on
VHF/UHF repeaters throughout North America and on 160 meters at 1860
kHz. Contact your local amateur radio club or repeater operator if
"This Week in Amateur Radio" is not being heard in your area.
-
Production and transmission expenses are underwritten by donations
from repeater operators, amateur radio clubs, and individuals.
Further information is available from George Bowen, N2LQS, at
```

518/283-3665 (email kxkvi@delphi.com) or Stephan Anderman, WA3RKB,
at 518/664-6809 (email sanderman@delphi.com). You may also reach
them @ WA2UMX.FN32AW.ENY.NY.USA.NA via amateur packet.

5491. Re: Code or No Code...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: carl@ais.net
Message-ID: <5499gs$6hk@news.ais.net>
Source record: 214504

In <3267C299.2C9E@gte.net>, Jim Conn <jconn@gte.net> writes:
>Carl Stevenson wrote:
>>
>> No, for the government to resstrict rights by requiring a license to do
>> something, there must, of necessity, be a reason to do so ... that
>> reason being the public interest, necessity, or safety.
>>
>
>A pretty naive view, Carl. The government, when it condescends to justify
>itself at all, often says (like "mommy" used to), "because I said so!"
>

NO, Jim ... the view of someone who has an idea of what our government
is supposed to be like ... as opposed to a cowering wimp who is too
afraid to say "Why?" (like you)

>>
>> There is a big difference between receiving a check from the government
>> (which comes from my paycheck and yours as taxes) than being permitted
>> the use of a public resource which is regulated in the public interest
>> by the government.
>>
>
>Nope, sorry, the government can make the decisions those individuals in
>charge wish to make. In the case of the FCC, those decisions may be
>challenged, and often are, in Federal Court. However, I doubt the courts
>would override the FCC's morse code test requirement for amateurs, since
>it has been in effect for so long. If you think they might, go ahead and
>file a federal suit to get the FCC rule overturned.
>

Don't be ridiculous (what am I saying, I'm talking to you, Jim) ...
we're not going to challenge the rules in Federal Court ... we'll get
them changed through the normal administrative proceedures at the FCC.

>> Hams are SUPPOSED to "pay back" society for the use of our vaulable
>> spectrum allocations by performing public service and by learning and
>> training ourselves to be better in terms of technical knowledge and
>> skills.
>>
>
>A worthy goal, in principle. How much are we to "pay back?" How do we
>know when we have paid enough? How much public service, is enough? How
>much "learning and training" is required? How will we know when amateur
>radio generally has enough "learning and training" to justify our

>spectrum, and how will we prove to the FCC that we do? Your turn, Carl.

In your approach, I suppose, the "correct" response is to do absolutely
nothing to satisfy Part 97.1 (pretty much like now) and then, when our
bands are auctioned off, to protest???

>
>> >More petty jealousy and class envy. Note that these are Carl's
>> >opinions only, and should not be counted as anything more.
>>
>> No, they are facts ... easily seen by anyone with a minimal amount of
>> intelligence ...
>>
>
>I certainly have enough intelligence to see through your preposterous
>allegation that those higher in class than Technician are "licensees who
>are, to a signicant degree, rooted in the past rather than . . . looking
>towards the future and stagnating the service with their . . . insistance
>on foolish rituals or antiquity."

I didn't say that all higher than technican were that way, just that
many, many, including the "leadership" at the ARRL are ...
FOR THE UMPTEENTH TIME, PLEASE STOP LYING ABOUT WHAT I SAY !!!!!!

>> > I strongly dispute his
>> >assertion that ham radio has been "stagnating". Where's the proof? Ham
>> >radio is as vibrant and alive as ever, perhaps more so.
>>
>> BULLSHIT, BULLSHIT, BULLSHIT! Ham radio is stuck in the 1950s or 1960s
>> somewhere and you're just too stupid to realize it ... you like the
>> radio a-la "Happy Days" and want to keep that mentality, level of
>> activity, and level of technology forever ... the realization that ham
>> radio has stagnated would require you to admit tha YOU have staganated
>
>There you go again, Carl, mouthing obscenities and name-calling as a
>sorry substitute for logic or anything like a cogent argument in support
>of your wild opinions.

Jim, "Bullshit" is NOT an obscenity ... it is, perhaps, a "mild
profanity" ... now asshole, that's a bit stronger, though still not an
obscentity, but it clearly applies to you ...

>Carl, what other hobby in the US has its own satellites?

Don't you DARE try to twist things around and make it sound like "you
and the majority of hams" had ANYTHING to do with the ham satellites ...
I haven't had a lot to do with them, but I did contribute to AMSAT, both
in money and by arranging the donation of a big block of RAM for the
AMSAT command and control station computers ...

You Luddites are the antithesis of groups like AMSAT, TAPR, and other
groups of experimenters who are involved with new technology ... so
don't you DARE try to use their work as representative of th majority.

>Because the main body of the
>hobby cannot afford the money or time investment required to tinker with
>the latest and greatest technology, does not mean there are not individuals
>within the hobby that do, or that those who cannot are indifferent to
>the efforts of the few. Your assertion that ham radio is stagnated, I
>suppose because some of us still use CW, is ridiculous.

Your assertion that "the main body cannot afford" modern technology is
ridiculous ... DSPs are cheap ... I've got a 100 MIPS worth of DSP in
a damned TELEPHONE ... they (DPSs) cost about $5.00 ... the fact is,
that you don't have a clue as to how modern stuff works, you don't
understand it's benefits, you fear it like crazy because of your lack of
understanding, and so you try to put it down and squash it and shove it
under the rug at every opportunity. What's worse is that you insist on
trying to drag everyone else down to your miserable level ...
and in doing so, you seriously harm the future of ham radio ..
>
>> .. and that's obviously more than your ego can allow you to accept ...
>>
>
>My ego doesn't stand in my way of accepting anything that makes good old
>horse sense.

You wouldn't know horse sense if the horse bit you on the ass ...

>> You can't continue to confuse the issue with your nonsense, Jim ... his
>> utterance of Morse Myth #1 is patently false according to any reasonable
>> engineering evaluation, and his opinion has NOTHING to do with it,
>> cannot change the facts, and he needs have his error pointed out to
>> him and to be refuted whenever he/you/they voice such inaccuracies, lest
>> even more people be as confused about technical reality as you are Jim.
>>
>
>I am not confused at all. I simply said, and will say again, that if from
>his perspective, CW is the best mode, then for him, his opinion is
>correct.

SO no matter how wrong one is, if they agree with you, they're right?
YOU'RE UNBELIEVEABLE ... totally out of touch with reality ...

>Show me where I have lied, Carl.

YOU lie virtually *every* time you post, you SOB ... you lie about at
least one thing I've said in every post, not to mention all the
falsehoods you glibly spread as if they were fact, just because you are
stupid enough to believe them ...

Carl - wa6vse
carl@ais.net

5492. For Sale Alinco EDC-34

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: hdtravel@ix.netcom.com
Message-ID: <549p51$5jj@sjx-ixn4.ix.netcom.com>
Source record: 214505

For Sale: Alinco EDC-34 rapid charger for DJ-580
series hand-held dual-banders. New in box with manual.
Fast charges in one hour. Works great !! AES price
in current catalog $120. My price is $60 shipped to you
by UPS.

Gary (KF5XW)

email: hdtravel@ix.netcom.com

5493. DREWBOB thoughts

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-19 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3268AD1A.7265@ccsnet.com>
Source record: 214506
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

DrewBOB thinks he is killing me in a debate.
Judge for yourself.

An exchange between the so called Andrew C. Robertson and
the friend of all hams, Burt Fisher

From: drewbob@MIT.EDU (Andrew C Robertson)
Subject: Re: Not a wonderful life, no life.

> BF>> I bet you thought Mein Kemph was a romance novel.
>
> DR>An absurd assertion.
>
> Less absurd than your remarks on Mother Thersa

You don't know what you're talking about. Have you read the book, or are
you just planting your head in the sand?

> BF>> Do not believe all what you read.

> DR>I don't. Particularly not what you write.
>
> So witty, so very witty.

Yeah, I'm a witty one. Too bad the same can't be said for you. Then your
posts might have some entertainment value. But as it is, they're just
plain stupid.

> BF>> Others may judge if I am stupid.
>
> DR>Don't worry. We have.
>
> And who is the "we" YOU speak of. I do not need to add "we" to buttress
> my position.

Nor do I. I just happen to know that a lot of people think you're stupid.

> BF>> If I repeat, I do so because of the demographics of my readership.
>
> DR>I don't think you know those demographics.
>
> Generally old fat white middle income.
> You disagree?

Depends on what you mean by "generally". Those aren't demographics,
strictly speaking, they're assumptions, and in the case of a vain, insecure
net.kook like you, they're attempts to belittle. And these "demographics"

don't explain your need to repeat yourself.

> "Takes one to know one", an original comment.

Sometimes the best wisdom is old wisdom.

> Comtempt? What? Where?

Don't give me this crap. You splash it everywhere.

> DR>You recall it. You just don't recognize it for what it was.
>
> You cannot be as uneducated as you appear.

It figures that you would dismiss such an important (yet provocative) premise as "uneducated". Your ignorance is showing, ignorance of your very self.

> You are playing a role?
> The role of a pimple faced geek computer wizard?

Not really. But even if I were, I'd be a hell of a lot more convincing than you are with this white-trash macho tough-guy role you play.

> DR>Tough = conforming to a certain lifestyle/personality structure
> DR>designated as superior by one Burt Fisher, insecure weasel.
>
> I have a student that weighs 95 pounds who is as tough as they come.

So? My point stands.

> Weasel? Into child like name calling?

So, when I call you a weasel it's "child like name calling", but when you call hams "fat" or "wimps" or "pussies" it's somehow justified? Spare me these idiotic attempts to ennoble your self-righteous judgements. Also, it is not surprising that you use "child-like" as an attempt at an insult.

> DR>> The word pussy was invented to describe a ham.
>
> DR>Is this supposed to bother me?
>
> Are you a ham?

Aye. But a brain-dead trauma victim has a better grasp of reality than you.

> I cannot contain my excitement at turning you into pulp

Funny, I hadn't noticed any pulping emanating from your direction, just a kind of involuntary spastic drooling.

> thus ANY further message you send will be PUBLICALLY posted for ALL to
> judge.

OOOOOOH....I'm SO SCARED...jeez Burt, you really are pathetic. Is this the best YOU can do? Threatening to spam a private email exchange onto Usenet?

Are you really that lame and unimaginative? It didn't take nearly as long to get you to crack as I thought it would. But then, I guess it's not difficult to overestimate Burt Fisher.

Now, if you'd asked me (in any form) NOT to email you again, I wouldn't, because I would respect that request no matter who made it. But THIS? This inane threat? Unbelievable...

Go ahead, laughing boy. Do your worst.

drewbob

Click on a read option:

5494. VE7TCP Internet DX Reflector status

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: AD1C@tiac.net
Message-ID: <54dc7p$ge7@news-central.tiac.net>
Source record: 214357

>From: Lyndon Nerenberg VE7TCP
>To: "Jim Reisert AD1C" <AD1C@tiac.net>
>Subject: Re: DX reflector (and others)
>Date: Sat, 19 Oct 1996 13:10:11 -0600

The new motherboard, disk, Ethernet, etc., have been ordered. I expected to see them yesterday but it looks like the supplier didn't get things shipped Thursday as planned. I expect to see the hardware Monday. It will take another day or two to get the new system assembled and onto the network.

Jim (in [Prince George]) has already shipped me the disks out of the old server. [In other words, the old server will not come back on-line because the disks are now in Alberta, waiting for the rest of the hardware to arrive - AD1C].

Jim, could you post something onto Usenet about the status of the server? I only have read access to Usenet right now.

--lyndon

5495. Re: CW Forever

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: mulveyr@ll.aa2ys.ampr.org
Message-ID: <slrn56kk4j.446.mulveyr@ll.aa2ys.ampr.org>
Source record: 214358

On 16 Oct 1996 19:32:45 GMT, Jeffrey Herman <jherman@Hawaii.Edu> wrote:
>Carl (tech+ for 21 years) Stevenson wrote:
>>
>> Virtually ANYTHING is more effective than OOK Morse code ... I have
>> posted to that effect, so have Gary, Cecil, Len, and numerous others
>
>Those so named must not operate on 160M. *All* the DX reports I read
>regarding that band take place via CW. Surely DXers would desire to
>use the most effective mode possible; apparently they are.
>

Or, perhaps, they're just not interested in that "digital stuff."
Personally, I've NEVER worked anyone who was younger than 50 on 160M.
That may or may not be unusual, but that's my experience.
On the other hand, the digital operators I've worked have all been
(relatively) young, have operated on the higher bands (40M+), and have
seemed relatively interested in exploring new means of communication.
And, more than once, I've carried on QSO's with the spiffy HAL card and
my IC-735 when CW was buried too far in the noise to be usable - with the
same ops using the same equipment.

- Rich

5496. Re: DREWBOB thoughts (Burt)-the cry baby.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: drewbob@mit.edu
Message-ID: <54dg2i$aff@senator-bedfellow.MIT.EDU>
Source record: 214359
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Burt Fisher (k1oik@ccsnet.com) wrote:

: I told you if you sent me ONE more message I would post it publically.

Indeed you did, for whatever bizarre reason.

: There is no ethic problem involved

Depends on your ethics. Yours certainly leave something to be desired. The ethical problem involved here is this: no one else cares. You're spamming newsgroups with email. Of course, I imagine many people here have given you a well-deserved place in their killfiles, so the impact on the ngs is lessened somewhat, but...what's the point? What are you hoping to accomplish here, Burt?

You're chock-full of ethical problems - witness your statements about the German people, and your highly neurotic need to inflate your own view of your poor pathetic self by putting others down (hams, for instance). I've been reading your crap with some sense of pity for you ever since you cursed us with your presence here. But finally I'd had enough, and I decided to take you on in email (I refuse to use a killfile). After an exchange or two you hastily moved to this "post all my email" tactic, perhaps in the misguided hope that it would embarrass me. Now, who's this "cry baby" you're talking about?

: Further I will post ANY other message you send me.

yawn

drewbob

5497. Re: Drake R-4 vs. 4B, 4C ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: A Woodward <woodward@ix.netcom.com>
Message-ID: <01bbbe4d$bcaaf3e0$546ad6ce@alhome>
Source record: 214360
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

The Drake R4 and R4-B are essentially the same, with the R4-B having a few solid
state components in it. Both have variable and shiftable 50 KC IF's. The R4-B drifts
a little less on startup due to less tube heat. The R4-C uses selectable crystal filters
in the IF. Performance is virtually the same in all three as they all use the same front
ends. They all use a variable inductor VFO, 25 KC per dial rev, 1 KC markings, discernable freq readout to less than 200 Hz. Frequency drift on my R4-B is less than
700 HZ cold to full warm. After warmup, it never drifts more than 20 - 25 HZ.

In a nut shell, if you want shiftable IF, go with a R4-B. If you want the better skirts
of a crystal filter, go with the R4-C.

Robert Penneys <radio@copland.udel.edu> wrote in article
<5488ic$o4k@copland.udel.edu>...
> Could you enlighten me about the essential differences between the
> Drake R-4, 4B and 4C? Tnx, Bob
>

5498. Re: How do you block the full 27mhz band.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: mulveyr@ll.aa2ys.ampr.org
Message-ID: <slrn56kk8s.446.mulveyr@ll.aa2ys.ampr.org>
Source record: 214361

On Sat, 19 Oct 1996 13:08:20 +0100, Andrew <sonic@legend.co.uk> wrote:
>Hello all
>
>can anyone tell me is there a circuit that will make a persons radio
>appear that it is being keyed up on, from 27.00mhz-27.99mhz.
>
>If there is a circuit can you forward me it on this news server
>

Why? Have British amateurs suddenly been given permission to cause
intentional interference to other radio services?

5499. Kenwood TS-870

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: Greg Palfe <gpalfe@pclink.com>
Message-ID: <326A5507.66E4@pclink.com>
Source record: 214362

Anyone care to share their experiences about TS870? Mods, problems, concerns? E mail only, please. thanks, greg, wa0bnx, at gpalfe@pclink.com

5500. Equipment site???

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: Greg Palfe <gpalfe@pclink.com>
Message-ID: <326A55D6.2DCD@pclink.com>
Source record: 214363

Where do I go on the Net to find info, discussions about equipment, especially rigs such as Yaesu, Kenwoood, TenTec, and Icom? Please e mail only. tnx Greg at gpalfe@pclink.com

5501. Re: Knickerbocker Amateur Radio Club - WA2OEG interference

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: WB4YUC
Message-ID: <54d35j$f81@lex.zippo.com>
Source record: 214364

In article <54c8p0$t28@nntpa.cb.lucent.com>, ker@mtgz895.mt.att.com says...
>
>In article <54alcf$ao7@newsbf02.news.aol.com>, PTracy <ptracy@aol.com> wrote:
>>In article <3266e784.84363103@news.openix.com>, kroser@pobox.com (Ken
>>Roser) writes:
>>
>>>I'm looking for assistance in trying to resolve a persistent
>>>interference problem. A simplex phone patch identifying as WA2OEG has
>>>been on our repeater input on 147.595 for quite some time.
>>
>>Isn't that simplex frequency? Or has the 2M band plan changed in the last
>>6 months? (That's how long it's been since I was on 2M).
>
>Not in this part of the country for well over 10 years.
>We have repeater inputs on:
>
>147.415
>147.430
>147.445
>147.460
>147.475
>147.490
>147.505
>147.595
>
>It's even documented in the ARRL repeater directory in the bandplan
>section.

According to the bandplan, only the first and last frequencies are not
within the listing for simplex operation. Those two seem to fall in a
grey area.

The simple thing to do would be go talk with the guy and explain to
him what he has done. You make no mention of what has been tried so far.

73,

Bruce, WB4YUC

5502. Mail-list for this ng?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: wmunsil@aztec.asu.edu
Message-ID: <54dkh8$3ud@news.asu.edu>
Source record: 214365

Is there a mail list for this news group?

Most of my mail now comes on juno and I have gotten way way behind
on reading this ng.

Tnx es 73.
--
I only check this account on weekends.
For faster service, use my juno account.
Bil Munsil n7aou@juno.com

5503. Re: Sodomized by the FCC & Mellon Bank

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: wmunsil@aztec.asu.edu
Message-ID: <54dk6d$rvf@news.asu.edu>
Source record: 214366

Sounds like somebody is taking this vanity callsign deal WAY TOO
SERIUOSLY!
It's only a call sign for God's sake!
What about us that can't AFFORD the 30 bux?
Will you pay for me too?
I can't get my brother's call cause he ain't DEAD!
--
I only check this account on weekends.
For faster service, use my juno account.
Bil Munsil n7aou@juno.com

5504. Re: Cool Vanity Call

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: wmunsil@aztec.asu.edu
Message-ID: <54dkm6$6v3@news.asu.edu>
Source record: 214367

How about K0TEX -- KOTEX, get it?
--
I only check this account on weekends.
For faster service, use my juno account.
Bil Munsil n7aou@juno.com

5505. When MIKE became MIC

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: wmunsil@aztec.asu.edu
Message-ID: <54dlmi$lae@news.asu.edu>
Source record: 214368

When Japanese English became prevelant in the US HAM market,
that's when.
The tradional abbreviation for miucrophone has always been MIKE.
The Japanese did not knwo that, so introduced MIC.
Not that I'm anti-Japanese, or anything.
--
I only check this account on weekends.
For faster service, use my juno account.
Bil Munsil n7aou@juno.com

5506. Re: Can Amatuer Radio survive ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: rogerjb@ibm.net
Message-ID: <54dknl$28rq$2@news-s01.ca.us.ibm.net>
Source record: 214369

In <3267E58D.60CE@NETVA.COM>, Ken Sturgill <KENLS@NETVA.COM> writes:
>
>Let's face it fellows, the thrill is no longer there. With the
>internet, cell phones, etc., communication is a part of living any
>more. When I was a kid of 12 (1950) it was truly thrilling to go to my
>cousins house (K4EUM) in Tennessee and watch as he talked to people all
>over the world. Kids today, for the most part, don't see anything
>"magic" in talking on a radio.

I don't think that the above statement is true. For one thing, there is no marginal cost in a DX ham conversation, unlike a long distance telephone call. Most internet communications are not in real time.

My experience has been that Ken is simply wrong on this one. And when kids are interested in ham radio, it is the possibility of talking nationwide and worldwide that has sparked that interest. Hence the importance of doing away with the Morse Code testing requirement, which simply frustrates young people, who perceive the requirement as pointless and regressive.

Roger J. Buffington
W6VZV
rogerjb@ibm.net

USC Law School, Class of '97

"I want to die peacefully, in my sleep, like my Grandfather."
"Not screaming, and in terror, like his passengers."

5507. FCC 97

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: Sakari Launonen <sakari.launonen@oh2wc.pp.fi>
Message-ID: <326A771C.7AC4@oh2wc.pp.fi>
Source record: 214370

Is a copy of Part 97 of the FCC Rules available to read via net and
how to find it ?
Pse, e-mail to saku@oh2wc.pp.fi
73's de Saku OH2WC , W/OH2WC , 7J1AWP

5508. Vintage and Ranger

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: Jacob Rice MD <Jackeye@tiac.net>
Message-ID: <326A46D0.74D6@tiac.net>
Source record: 214371

Hi, I am looking for information on the Ranger and Vintage model sailboats. I am not sure but I think the Ranger is only wind controlled. If so I wouold like to know the sail plan controlled.

Thank you, Jacob

5509. Re: ���� ����� ��� �� ����...�� ��������...OK !!! ����

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: giorgio@europa.com
Message-ID: <326a9248.0@atheria.europa.com>
Source record: 214372
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.snowmobiles,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketplace.vinyl,rec.music.makers.guitar.acoustic,rec.music.dylan,rec.music.artists.kiss,rec.motorcycles.dirt,rec.models.rockets,rec.games.video.classic,rec.games.video.advocacy,rec.games.roguelike.nethack,rec.games.frp.misc,rec.crafts.textiles.quilting,rec.crafts.metalworking,rec.collecting.dolls,rec.collecting.coins,rec.boats.paddle,rec.boats,rec.bicycles.racing,rec.bicycles.misc,rec.autos.makers.honda,rec.arts.sf.movies,rec.arts.movies.past-films,rec.arts.marching.drumcorps,rec.arts.bodyart,rec.aquaria.marine.reefs,rec.antiques.radio+phono

4getit@no.way.com wrote:

>mot@inter.net.il wrote:

>>Newsgroups: alt.sex.stories.d
>>Date: Tue, 17 Sep 96 23:43:02 PDT
>>From: mot@inter.net.il
>>Subject: mONEY aND fAST !!!! $$$$ WANNA MAKE MONEY WITH ACTUALLY ALMOST NO COST..UPTO 50,000$$$
>>X-Newsreader: NEWTNews & Chameleon -- TCP/IP for MS Windows from NetManage
>>MIME-Version: 1.0
>>Content-Type: TEXT/PLAIN; charset=US-ASCII

>>Path: news.NetVision.net.il!news-dc.gsl.net!news.gsl.net!news-peer.gsl.net!news.gsl.net!www.nntp.primenet.com!nntp.primenet.com!news.cais.net!news.us.net!usenet
>>From: "S.T.O." <sto@us.net>
>>Newsgroups: alt.sex.spanking,alt.sex.stories,alt.sex.stories.d,alt.sex.strip-clubs,alt.sex.voyeurism,alt.sex.wanted,alt.sex.wizards,alt.sexual.abuse.recovery,alt.smokers,alt.smokers.cigars
>>Subject: Make Money The Fastest way (90 days)!!!
>>Date: 10 Sep 1996 00:32:32 GMT
>>Organization: US Net, Incorporated
>>Lines: 133
>>Message-ID: <01bb9ead$99a24520$4870f0c6@tower>
>>NNTP-Posting-Host: endc3.laurel.us.net
>>X-Newsreader: Microsoft Internet News 4.70.1155
>>Xref: news.NetVision.net.il alt.sex.spanking:17373 alt.sex.stories:40816 alt.sex.stories.d:4310 alt.sex.strip-clubs:17986 alt.sex.voyeurism:16836 alt.sex.wanted:30713 alt.sex.wizards:6258 alt.sexual.abuse.recovery:10923 alt.smokers:11104 alt.smokers.cigars:23825

><major, MAJOR snip here>
>First,

>1. This is NOT an alt.sex usenet group
>2. What does this have to do with REM, and
>3. Get this worthless shit out of here!

It looks to me like these news groups are just a big box of junk mail disguised as come-ons for all sorts of subjects. Beyond the naked girlie photo listings for web sites, I haven't seen much I can use here. So, what about fly fishing?

5510. Re: Where to mount 2m/440 and scanner antennas?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct20.203242.16106@ke4zv.atl.ga.us>
Source record: 214373

In article <01bbbad6$ac5a7e40$0f02000a@hamilton> "Douglas A. Hamilton" <hamilton@bix.com> writes:
>Now a second question, if you don't mind. Another fellow responded by
>picking out that I'd mentioned I was mounting my R7 on a 10' section of
>1.5" EMT sunk in concrete and was quite emphatic that this was not likely
>to hold up. EMT is too thin-walled and the galvanization too thin for this
>material to last in the alkaline concrete. Now, I do want things to last,
>but I'd also like to get the job done without turning it into a public
>works project. I'm 45 and I don't expect to be here forever, either. If I
>have to replace it, say, every 15 years, I probably have to do it once
>while I'm still here on the planet. OTOH, if it's going to need to be
>replaced every 3 years, that's another matter.
>
>Comments?

Galvanized steel is more easily attacked by acids than by alkali materials. EMT is routinely installed in concrete and won't have any problems if dry. But acid rain can quickly attack it. If you install it so that water quickly drains away from it, it should last a reasonable amount of time. It won't last like heavy wall pipe, of course.

I've got outdoor EMT that's lasted 15 years, but I can't guarantee yours will. You want to round up the concrete at the base so that water can't stand there. And you want to make sure any water which gets inside the pipe can also drain out freely. The usual way to do that is to set the bottom 6 inches to a foot of the pipe in gravel and pour concrete above that. Water inside can then drain into the gravel and out into the soil. If you have a high water table, this won't always work, and you'll need to make other arrangements to drain out moisture inside the pipe.

Electrolysis can't occur without water, so the secret to making towers, pipes, or EMT set in concrete last is to protect them from standing water. The mere fact that they are in concrete isn't the issue. Concrete is more protective than soil, and often more protective than open air. Keeping them out of water is the key to protecting them.

You have to also be careful about allowing dissimilar metals to contact the galvanized material. Don't attach copper directly to steel for example. That joint will corrode quickly if it gets the least bit wet. Use a stainless steel intermediate clamp in a case like that.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

5511. Re: Can Amatuer Radio survive ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <54e1jv$1an@anomaly.ideamation.com>
Source record: 214374

In article <54dknl$28rq$2@news-s01.ca.us.ibm.net>, <rogerjb@ibm.net> wrote:

>Most internet communications are not in real time.

You've been on USENET too long. The popularity of IRC and now WebPhone
is amazing. I have friends who work at Sun Microsystems and use WebPhone
all the time to keep in contact with colleagues and friends around the
country.

>My experience has been that Ken is simply wrong on this one. And when
>kids are interested in ham radio, it is the possibility of talking nationwide
>and worldwide that has sparked that interest.

Yeah. The world is so interested in amateur radio. That's why hams didn't
even find out that "National Amateur Radio Week" was earlier in October
until it was too late.

>Hence the importance of doing
>away with the Morse Code testing requirement, which simply frustrates young
>people, who perceive the requirement as pointless and regressive.

Please provide me with one single credible study which demonstrates
that the code requirement "frustrates" a statistically significant number
of young people and keeps people out of the hobby.

I believe that people are staying away from the hobby, but I do not
believe it is due to any code requirement.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

5512. Looking for early Italian Callbooks 1935-1940

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: wolfango <wolfango@globe.it>
Message-ID: <326B0EFC.D81@globe.it>
Source record: 214375

My father, Walter G. Horn - i4MK, an OM pioneer of the radio in Italy and author of technical papers in QST and QEX, is writing a book about the beginnings of radioamateur transmissions in Italy.
Unfortunately, both ARI (italian branch of IARU) and Telecommunications Department are not able to provide any callbook of italian radioamateurs operating from 1935 to 1940 in Italy.
Such callbooks were destroyed during the II World War.
He would be happy to have OMs' assistance in looking for them.
He firmly believes such a callbook could be traced, perhaps as a part of international radioamateur callbooks of that period, in USA, so the aim to complete his laborious compilation could be attained.
Thanks in advance. 73 & 51.

5513. Re: FCC 97

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: Bernie Skoch <BSkoch@postoffice.worldnet.att.net>
Message-ID: <54ed0g$2a5@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 214376

FCC Part 97 is (or at least used to be--I think it is still) at:

http://www.acs.ncsu.edu/HamRadio/FCC/index.html

73,

Bernie Skoch, NH6I
Honolulu

5514. Opinion on Microphones

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: carlosr@engr.csulb.edu
Message-ID: <54ednp$80m@hatathli.csulb.edu>
Source record: 214377

I was wandering if anybody have heard the shure 585sa or the
electro voice-634a how do they compare to the mc-90 by kenwood? I use the
mc-90 on a kenwood 450!!
I want a mic that has a bassy and clean modulation. I heard heil with both
heads, mc-60, shure-444 ,they are ok but don't impress me at all. Any
ideas?
Thanks in Advance .
Carlos

5515. Re: ���� ������ ��� �� ����...�� ��������...OK !!! ������

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: Michael - What's YOUR Name? <dojammer@coffey.com>
Message-ID: <326A5195.6D3B@coffey.com>
Source record: 214378
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.snowmobiles,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketplace.vinyl,rec.music.makers.guitar.acoustic,rec.music.dylan,rec.music.artists.kiss,rec.motorcycles.dirt,rec.models.rockets,rec.games.video.classic,rec.games.video.advocacy,rec.games.roguelike.nethack,rec.games.frp.misc,rec.crafts.textiles.quilting,rec.crafts.metalworking,rec.collecting.dolls,rec.collecting.coins,rec.boats.paddle,rec.boats,rec.bicycles.racing,rec.bicycles.misc,rec.autos.makers.honda,rec.arts.sf.movies,rec.arts.movies.past-films,rec.arts.marching.drumcorps,rec.arts.bodyart,rec.aquaria.marine.reefs,rec.antiques.radio+phono

I doubt if you'd be safe from commercial sex site solicitations even at rec.fly-fishing.

5516. Youthnet NEWS Survey

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: Alexis Leynes N9KYJ <YouhnetNEWS@worldnet.att.net>
Message-ID: <326ABDE5.5B8D@worldnet.att.net>
Source record: 214379

Youthnet NEWS 017 10/20/96
Alexis Leynes N9KYJ

I sent the first survey two years ago. This is the update that I long promised. I hope that this survey will have a few more responses. The purpose of this survey is to see where the youth in amateur radio is going, and coming from. Hopefully this will give us an insight to where the future of ham radio is going.

1. What made you interested in Ham Radio?
2. Why do kids want to be hams?
3. Are you more interested in building ham equipment or using them
4. Are there ham clubs for young hams in your area?
5. What would young hams like to see more of in amateur radio?
6. As a young ham, do you think that you are well represented in national or local ham organizations?
7. What do you talk about with the adults on the air?
8. Do you feel that adults are ignoring you?
9. Is the testing requirements easier or harder for you? What do you want to seem more in these tests?
10. How do you think is ham radio helping you in your everyday life?
11. If you have parents who are not in the hobby, are they supportive?
12. What aspect of amateur radio are you interested in (voice, CW FM, AM, SSB, HF, VHF, UHF, ATV, Packet, Fax, DX, Contest, Special Events, biking, hiking, etc...)?

If you have any additional comments, or added suggestions, please include it in your response. You can send your responses to my E-mail address, YouthnetNEWS@worldnet.att.net or you can send me mail at my callbook address. If you have time you may want to drop by Youthnet NEWS OnLine at "http://www2.uic.edu/~aleyne1".

Youthnet NEWS is an amateur radio informational service for the young radio amateur operator. All rights are reserved 1996. Re-prints of this survey may be reproduced as long as the original material is not edited in any way shape or form.

E-mail: YouthnetNEWS@worldnet.att.net
PBBS: N9KYJ@W9ZMR.IL.USA.NA

5517. Hamfest, Lebanon IN, Oct 27

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: chuck ritz <critz@indy.tdsnet.com>
Message-ID: <326AE54F.2231@indy.tdsnet.com>
Source record: 214380

On October 27 the Boone County ARC and Clinton Co ARC will host their annual hamfest at the Boone County 4-H fairgrounds at exit #138 on I-65 approximately 25 miles from downtown Indianapolis. Vendor setup at 6:00 a.m., doors open at 8:00 a.m., admission $3.00. VE testing is at 9:00 a.m. Talk-in on 147.105(-).

Please plan to join us.

Chuck
N9TLS

5518. Re: www.hamradio-online.com: Is Ham Radio Still Relevant?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: "William A. Wetzel" <n6rky@pacbell.net>
Message-ID: <326AD713.31D3@pacbell.net>
Source record: 214381
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.scanner,rec.radio.shortwave,aus.radio.amateur.misc,aus.radio.amateur.digital

Ed Mitchell wrote:
>
> With the just announced loss of another 5 MHz of Amateur allocated UHF spectrum
> in the U.S., its time to ask the hard question: Is Ham Radio Still Relevant?
>
> We've posed that question and provided some answers - but not nearly enough.
> Times have changed. Ham Radio of the 21st century will not be like ham radio of
> the 20th century. Now is the time to engage in discussion on how to confront
> the challenges head on.
>
> "Is Ham Radio Still Relevant?" is the subject of our newest editorial opinion
> at Ham Radio Online. At http://www.hamradio-online.com
>
> Stop on by. Lots more cool stuff than *anywhere* else on the web. Now read in
> 47 countries around the world.
>
> ------------------------
> Ed (KF7VY) and Kim (N7VPL) Mitchell
> email to vbook@vbook.com
> Visit Ham Radio Online, it's free! at
> http://www.hamradio-online.com

In response to Ed's question...

YES it is! But we do need to make it clear to Washington D.C. if we
hope not to lose any more frequencies. It appears that the loss for
frequencies is increasing at an alarming rate lately.
--
William A. Wetzel
N6RKY@JUNO.COM
N6RKY@PACBELL.NET

5519. LOUISIANA 6M REPEATER: PLEASE TRY IT (53.03 mhz).

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: dwhowell@iamerica.net
Message-ID: <54ekno$6bd@news1.iamerica.net>
Source record: 214382

Hello,
We have the new 6M Repeater on the Air in Northeast Louisiana.

It is on 53.03 Mhz and the input is 1Mhz down (52.03mhz). It is

installed south of Monroe at 1300feet. Please let us know if you are

able to get into it.

73's
AB5LG@iamerica.net

5520. FS: HF VERTICAL ANTENNA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: dwhowell@iamerica.net
Message-ID: <54ekpp$6bd@news1.iamerica.net>
Source record: 214383
Cross-posted to: rec.radio.swap,rec.radio.amateur.antenna,rec.radio.amateur.misc

For Sale,
HyGain 12AYS HF Vertical Antenna. Good condition and works well.
Use with or without radials. Covers 10-20 mtrs and other bands with
tuner. 13 ft tall. Comes with manuals. $75

ab5lg@iamerica.net

5521. FS: UNIDEN HR 2600 10 MTR ALL MODE

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: dwhowell@iamerica.net
Message-ID: <54ekrv$6bd@news1.iamerica.net>
Source record: 214384
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment

For Sale,
Like New, Uniden HR-2600 10Meter All Mode transceiver. Good condition and works well. Comes complete with all accessories to include original box, manaul, bracket, knobs, mic, and more. No mod's have been made to the rig. Price is $200 firm

ab5lg@iamerica.net

5522. FS: 1/2 INCH HARDLINE CONNECTORS

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: dwhowell@iamerica.net
Message-ID: <54ekql$6bd@news1.iamerica.net>
Source record: 214385
Cross-posted to: rec.radio.swap,rec.radio.amateur.antenna,rec.radio.amateur.misc

For Sale,
1/2 Inch Hardline Connectors, new in the package. Type N connector.
Comes with silicon sealant, gaskets, connector, and instruction sheet.
Can be used on any 1/2 inch hardline to include Andrew. Will also
come with a sheet of DB Products Vapor Seal Sealant. Price is $25
each and I have two left.

Email ab5lg@iamerica.net

5523. FS: C Band Feed Horn and 30 degree LNB Package

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: dwhowell@iamerica.net
Message-ID: <54ekoq$6bd@news1.iamerica.net>
Source record: 214386
Cross-posted to: rec.video.satellite.tvro,rec.radio.swap,rec.radio.amateur.misc

For Sale,
Complete electronics package. C band Feed Horn and 30 degree LNB.
Good shape. Get clearier pictures on your system. $75 + Shipping for
the package.

email dwhowell@iamerica.net

5524. Re: ** FLEA at MIT ** Sunday 20 October Cambridge MA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: sam@stdavids.picker.com
Message-ID: <SAM.96Oct20050554@colossus.stdavids.picker.com>
Source record: 214387
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,sci.electronics.misc,ne.forsale,ne.general,rec.radio.amateur.homebrew

In article <n1istDzBwqJ.FHt@netcom.com> n1ist@netcom.com (Michael L. Ardai) writes:

> It would be nice for people to properly describe the condition of what they
> sell. But to limit people to only sell working items? That's ridiculous.

Yeh, my best purchases have been of dead things. In fact, much of my audio,
video, and test equipment was obtained in that condition. The prices are
generally right! :-)

--- sam

5525. Ohio/Penn DX Bulletin #275

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: kb8nw@barf80.nshore.org
Message-ID: <$opdx.275.1996@ampr.org>
Source record: 214388
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.dx,rec.radio.info

SB DX @ WW $OPDX.275
Ohio/Penn DX Bulletin No. 275

The Ohio/Penn Dx PacketCluster
DX Bulletin No. 275
BID: $OPDX.275
October 21, 1996
Editor Tedd Mirgliotta, KB8NW
Provided by BARF-80 BBS Cleveland, Ohio
Online at 216-237-8208 14400/9600/2400/1200/300 8/N/1

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, ARRL DX Bulletin, WX3N, AA4NC, K4CEF, WB5CRG, WV5S, N6DLU, KH6BZF, KF7AY, K8CH, A35RK, DF4RD, DL5EBE, EA6BH, G4BUE & DX News Sheet, G4ZVJ, OH2BH, OH2BVE, RN9XA and ZS1AFZ following DX information.

SPECIAL NOTE FROM THE EDITOR. Please send all DX announcements/information "ONLY" to the addresses below and NOT to the distribution InterNet address of: dxinfo@barf80.nshore.org

P.S. OH BOY! The "Chief Proofreader" (by wife) is going to be mad at the length of this one. Can you PLEASE help me out by sending her a "Thank You" message at: linda@barf80.nshore.org

9N, NEPAL. The ARRL DX Bulletin reports that Jack, W4OSN, will be active as 9N1OSN from Kathmandu on 80 through 15 meters from October 14 to November 28. He will be using a solar powered Ten-Tec Scout.

A35, REP. OF TONGA (UPDATE). Paul, A35RK, reported to OPDX that Bob, W7TSQ, arrived in Ha'apai on Thursday (17th). He brought a Cushcraft R-7000+ vertical and a Force 12 C-3S. They got the R-7000+ up Friday, and reported "it's working very well!" They are waiting for mast material to arrive on the ferryboat, and the C-3S beam should be operational by next weekend. At the moment, Bob is signing A35SQ and is active on 80-10, mostly SSB; while A35RK (Paul) is active on CW; both from same QTH: Lifuka Island, Ha'apai Group (IOTA OC-169). QSL both via W7TSQ. Bob is "tuning up" for CQWW-SSB Contest, so you'll hear him alot. Also, Marcel, A35DM, left for Vava'u Friday and he should be active from IOTA OC-064 by the time you read this (SSB only). QSL via ON4QM.

BY, CHINA. Mike, W5ZPA, Delta Division Representative DXAC, will be going to China and will operate W5ZPA/BY1QH, October 22, 23, or 24th, depending on the station manager for the university club station.

DU, PHILIPPINES. Andy, G4ZVJ, plans to be active from October 25th to November 6th, as DU3/AH8F from Bataan, Philippines. Activity will be mostly CW. QSL via G4ZVJ. (Home page: www.g4zvj.demon.co.uk/du3.htm)

DXAC NEWS. Southwestern Director Fried Heyn, WA6WZO, has appointed Vince Thompson, K5VT, to the DXAC. (ed. As a member of the DXAC, I would like to welcome Vince aboard.)

QSL NEWS AND INFORMATION....
Bart, K4CEF (member of the DXAC for the Southeastern Division), reports the following: "Chris, ZS6EZ, reports that the ZS8IR cards have finally been printed and are being shipped to him. He also has full logs on his computer. The first batch will go out in about 2 weeks, and he will then proceed to work down the remaining cards in batches, roughly corresponding to the month in which they were received. Those few that sent registered mail will be in the back of the queue, and will get answered with the bureau cards-- Chris has to take leave and drive to the post office (about 15 miles) during office hours to collect the registered mail."

Eugene, RN9XA (ex UA9XAC, R9X), from Syktyvkar, Russia, states there have been problems receiving QSL cards from USA QSL bureau. His new callsign is RN9XA (prefix RN9 - Asiatic Russia, not - UN). He has been active in 1996 as many special stations from the Komi Republic: UE9XAA via UA9XC (OK via CBA or BUREAU), UE9XAC via RN9XA (OK via UA9XAC's CBA or BUREAU) and UE9XAD & UE9XYW via RA9XF (OK via CBA or BUREAU). His home adress: Eugene V. Bugrimov, RN9XA, P.O.Box 1229, Syktyvkar 167001, Russia. E-mail address: rn9xa@ampr.komi.ru

Maria, ZS1AFZ, reports to OPDX that her new QSL address is: ZS1AFZ via KU9C (direct only SASE) to: Steve Wheatley, 12 Netherton Terrace, Morristown, NJ 07960, USA -or- Steve Wheatley, Box 5953, Parsippany, NJ 07054, USA. Steve does have an e-mail address: ku9c@aol.com

Juraj, OM2SA, indicated that he still has the log and QSLs for AP2MY, operated by N9NC in CQWW/CW 95, and +/- some days of this date. If anyone still needs a QSL, PLEASE send to Juraj via the bureau or direct to his address: Sipos Juraj, OM2SA, 93013 Trhova-Hradska 550, Republic of Slovakia, Europe.

T8, REP. OF BELAU (ATTENTION PREFIX HUNTERS!). Jim Hood, WV5S, President of the Oklahoma DX Association has informed the DX/Contest community of the following statement: "In 1994, Belau (Palau) declared its independence from the USA. Consequently, the KC6 prefix needed to be replaced by a new unassigned prefix. The prefix T8 has been assigned to Belau.
Oklahoma DX Association members N5OK and N5CG have now activated the T8 prefix for the first time as T88T. They will be using this call in both of the CQWW Contests. QSL to Box 88, Morris, OK 74445-0088."

V47, ST. KITTS. Andy, G4ZVJ, and Ken, G4RWD, will be active November 15-25th, as V47VJ and V47WD. This will include activity in the CQWW CW Contest as V47VJ on: 1827, 3503, 7003, 10107, 14027, 18077, 21027, 24897 and 28027 kHz +/- QRM (QSX up). This is a low-key vacation operation to

activate the multiplier.

-=-
More Information and Stations to be active in the CQWW SSB DX Contest
-=-

KH6BZF SPECIAL PROPAGATION REPORT for the CQWW SSB DX Contest for the weekend of October 25-27th. DX contesters will make the bands highly active and it will appear that bands and paths normally thought to be closed, open up and surprise you.
On the first evening propagation will be slow as we should be recovering from an active GEOMAG period. So, work those Asia and Oceania areas the first evening. While on the 27th (Sat/Sunday), the bands are expected to be better. Last year at this time Solar Flux was in the mid-to-high 80'. This year the mid 60's to low 70's will be the norm. Note, band will close earlier and open later than last year. CU on the bands.
Remember: Have fun.....KH6Bloomin'ZipperFlipper

3C1, EQUATORIAL GUINEA. Teo, EA6BH, and others will be active as 3C1DX in the contest. Their activity has been cut short/delayed due to the work stoppage in France's airports. They hope to be active from October 24-31st.

5T, NIGERIA. Pat, 5N0T, will be signing 5N36T as a Single-Op all band entry in the upcoming contest. The special prefix will be used until October 31st to celebrate the 36th Anniversary of Independance of the Federal Republic of Nigeria. QSL card as usual via Paul F2YT.

7P8, LESOTHO. The DXNS report Wolf, OE2VEL, will be active as 7P8EL in the contest, and before/after with CW on WARC bands. QSL via OE2DYL (direct or bureau).

8R, GUYANA. Olli, OH0XX, will operate 8R1K in the contest as a Single Op all band entry. QSL via Suite 599, 1313 So. Military Trail, Deerfield Beach, FL33442, U.S.A.

9Y, TRINIDAD & TOBAGO. Glenn, K6NA, will activate 9Y4H on all bands in the contest this year. Glenn states, "Yes, I do QSL although I am a bit behind...Please don't send second requests, you WILL get your card! About 2,000 will go out early December. Thanks! Glenn K6NA".

A4, OMAN. Tony, A45ZN, will be acive as a Single Op in the contest. He states 6 and 30 meters operation is not allowed in A4, but Tony thinks there is a chance of some limited 6 meters operation soon. QSL direct.

CY0, SABLE ISLAND. Just before going to print OPDX received the word that the CY0 team will be using CY0XX as a Multi/Multi entry in the contest. The team will be active from October 21-29th. There will be a total of 5 operators with an operation planned on all bands including RTTY and 6 meters. Refer to last week's OPDX.274.

C3, ANDORRA. Look for activity by either C31LD or C31LJ. If C31LJ is active in the contest, the entry will be SO/AB. If C31LD is active, it will be a Multi/Single entry. QSL for C31LJ is via VE3GEJ. C31LD is looking for a manager. (VE3HO has volunteered, but final arrangements have not been made. Query the station before you send a card.)

CT3, MADEIRA ISLANDS. Look for Martin, DL4NAC, as CT3FN in the contest. Look for CT3FN during the following times/frequencies: 28450 kHz - 1200z, 21350 - 0900/1500z, 14250 - 1100/2000z, 7050/7300 - 1800/2100z, 3750 - 0700/2130z and 1850 - 0200z. QSL via HB9CRV.
Also, look for Jukka, OH6LI, as CT3/OH6LI in the contest on all bands.

FJ5, ST. BARTHELEMY. Operators (so far) N6DLU, N6LL, FJ5AB and some others will be active as a Multi/Single entry from this Caribbean island as FJ5AB. QSL information will be posted later.

FK, NEW CALEDONIA. Look for the special contest call FK5DX in the contest. Operators ERIC, FK8GM, and Franck, FK8HC, will operate on all bands, 160-10 meters (as conditions allow). QSL for FK5DX via WB2RAJ.

HC8, GALAPAGOS ISLANDS. Look for HC8N to be a Multi/Single entry activated by WN4KKN, WX3N, VE3EJ, and HC1OT. They suggest looking for them on 160 meters around 1.840 MHz CQing on the half hour between 0600-1100z and on 75 meters anytime during the night. They may be operating split. For JA they will make special attempts to listen split--especially around 3752 kHz. On 40 meters, 20 meters, 15 meters, and 10 meters, they should be easy to work. QSL via AA5BT.

M6, ENGLAND. The gang at G0KPW have decided to make use of the new UK contest callsign facility and will be signing M6T this year, Multi/Multi.

NH2, GUAM. Gary, NH2G, (in Zone 27) will participate as Single Operator, All Band entry in the contest. QSL via WF5T. Just a reminder for those 40 meters SSB operators, U.S. terrorities in ITU region 3 (KH0/KH9/KH2) can only operate SSB 7075-7100 kHZ!

P4, ARUBA. Jose, CT1BOH, will be active a P40E as Single Op All Bands entry. By the time you read this, he should already be on the air. QSL via CT1AHU.

TK, CORSICA. Members of the Bavarian Contest Club will be active as TK2C as a Multi/Multi entry in the contest. The following bands will be activated by the following operators: 160m - DL4MCF, DK4VW; 80m - DL1MAJ; 40m - DL4MEH, DK6WL; 20m - TK5NN, TK5EP; 15m - TK5MH, DF7RX; and 10m - DL6RAI. QSL via DF7RX, Bernhard Steibl, Kelheimwinzerstr. 40, D-93309 Kelheim F.R.G.

TL, CENTRAL AFRICAN REP. Stefan, TL8MS, in Baboua, will taking part in in the contest as Single Operator with activity mostly on 7, 14, 21 MHz. QSL cards via bureau, or QSL Manager DL6NW.

V85, BRUNEI. Hajime, JO1RUR, will operate V85HG in the contest as a Single Operator/Multi-band entry. QSL via JH7FQK (CQ WW SSB 1996 only).

VP2E, ANGUILLA. Robert, WB5CRG, will use the callsign VP2E for a 14 MHz single band effort in the contest. Robert states other S/B efforts may pan out with OTHER callsigns depending on antennas. There will be no 15 meter antenna up this year. QSL via WB5CRG's CBA for the contest only.

XX9, MACAU. A press release from Martti, OH2BH, (provided by Warren, KF7AY) indicates there will be a Multi/Multi effort by XX9X in the contest. Here is the press release: "The South China Sea DX Team officers have noticed a planned American assault on Bangkok, Thailand. To rebuff and challenge this foreign invasion, another Asian multi-multi operation will be staged with the ARM - The Amateur Radio Association of Macau.
Activity will begin Wednesday, October 23rd, and continue through Monday, October 28th. October 26 & 27 will be a multi-multi entry in the 1996 CQ WW SSB DX Contest.
Five Yeasu FT-1000MP stations, with all necessary firepower, will be on all bands from Taipa Island, Macau. Cushcraft has supplied four beams that will be energized from two luxury hotels located side by side.
The operators and supporters of this undertaking include: OH1KAG, OH2BH, OH2BVF, OH2PM, OH6DO, XX9AL, XX9AS, XX9KC and XX9MD. The following frequencies may be worth watching: 1.827, 7.047, 21.270, 14.170 and 28.470 MHz. Special event QSL cards will automatically be sent out for all QSOs. Direct requests may be made to: Martti Laine, OH2BH, Nuottaniementie 3 D 20, FIN-02230, Espoo, FINLAND, Europe

YV, VENEZUELA. Kenny, WM2C, will participate with YV-operators in a planned Multi/Single entry in the contest from the island of La Orchila (IOTA SA-054) off the coast of Venezuela. They hope to use the callsign YV10M (YV-one-zero-M), but if not, they may be on as YV5A or 4M5X from the mainland.

ZL, NEW ZEALAND. The Kiwi Contest Group will be active as ZM2K in this contest as well as the CQWW CW Contest.

ZS8, MARION ISLAND. Reports indicate Chris, ZS8IR, has announced that he will be active in the contest as an all band entry. He hopes to make many people happy during the contest. He will put up his Battle Creek Special antenna for that extra help on the low bands for this rare multiplier!

-=-
OPDX INTERNET SUBSCRIBE/UNSUBSCRIBE REQUEST: opdx-request@nshore.org
OPDX WORLD-WIDE WEB HOME (provided by John, K8YSE):
http://www.en.com/users/k8yse/opdx.html
-=-
Excerpts and distribution of The OPDX Bulletin are granted as long as KB8NW/OPDX/BARF80 receive credit. To contribute DX info, call BARF-80 BBS online at 216-237-8208 14400/9600/2400/1200/300 and leave a message with the Sysop or send InterNet Mail to one of the two following addresses:

kb8nw@barf80.nshore.org -or- aq474@cleveland.freenet.edu
- OR - Send a message via packet to KB8NW @ WA8BXN.OH.USA.NA
- OR - Use the VOICE or FAX answering machine at 216-237-8208 which shares the same phone line as BARF-80 BBS using a data/fax/phone switch. To access: 1) Dial Number. 2) Wait for first ring (the second ring should be a false ring from the fax/data switch box) and then dial four quick ones ("1111"). (NOTE: Some FAX machines that send single "BEEPS" every second will not have to do this step.) 3) The phone will pick up and after the "BEEP" leave your voice message or FAX.

/EXIT

Tedd Mirgliotta KB8NW
InterNet: kb8nw@barf80.nshore.org
Basic Amateur Radio Frequency BBS (BARF-80) +1 216/237-8208
"Totally devoted to Amateur Radio" - 24 Hrs a day 8/N/1 14.4k-300 baud

5526. *** MUFsight Windows Propagation Prediction Software ***

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: scollin@sapphire.win-uk.net
Message-ID: <548@sapphire.win-uk.net>
Source record: 214389

MUFsight is a Windows program for plotting HF propagation data on world maps in either spherical or azimuthal projections. Uses the respected MINIMUF algorithm.

http://www.ibmpcug.co.uk/~g4sgi/Mufsight/Mufsight.htm

A demo of the package is available for download.

Simon

--
Simon Collings, G4SGI
Radio Communications Consultant
http://www.ibmpcug.co.uk/~g4sgi/

5527. Re: Knickerbocker Amateur Radio Club - WA2OEG interference

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: ker@mtgz895.mt.att.com
Message-ID: <54c8p0$t28@nntpa.cb.lucent.com>
Source record: 214390

In article <54alcf$ao7@newsbf02.news.aol.com>, PTracy <ptracy@aol.com> wrote:
>In article <3266e784.84363103@news.openix.com>, kroser@pobox.com (Ken
>Roser) writes:
>
>>I'm looking for assistance in trying to resolve a persistent
>>interference problem. A simplex phone patch identifying as WA2OEG has
>>been on our repeater input on 147.595 for quite some time.
>
>Isn't that simplex frequency? Or has the 2M band plan changed in the last
>6 months? (That's how long it's been since I was on 2M).

Not in this part of the country for well over 10 years.
We have repeater inputs on:

147.415
147.430
147.445
147.460
147.475
147.490
147.505
147.595

It's even documented in the ARRL repeater directory in the bandplan
section.

5528. Re: Libel me, Think.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <326AD1BB.2A24@ccsnet.com>
Source record: 214391

WILLIAM W MUNSIL wrote:
>
> Is anyone else tired of hearing (about) Burt?
> Several months ago he left RIME.NET and things sure are quiet over there
> now.

I left RIME a year ago.
Of course things are quiet there, all left for the internet.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#================#===#
|This message was posted from home k1oik@ccsnet.com |
#===#
If you try to milk too much, you won't get a drop
Samantha Fisher

5529. Older "kids". Was: Re: Can Amatuer Radio survive ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: Kevin Jessup <kevin.jessup@mail.mei.com>
Message-ID: <326A9565.6850@mail.mei.com>
Source record: 214392

rogerjb@ibm.net wrote:

> In <3267E58D.60CE@NETVA.COM>, Ken Sturgill <KENLS@NETVA.COM> writes:
> >
> >Let's face it fellows, the thrill is no longer there. With the
> >internet, cell phones, etc., communication is a part of living any
> >more.
> My experience has been that Ken is simply wrong on this one. And when
> kids are interested in ham radio, it is the possibility of talking nationwide
> and worldwide that has sparked that interest.

Well, I don't know. If the kids are really young, I'd agree with you.

But I think we also want to attract people who will eventually become
technologists and engineers. How many high-school and college aged
"kids" with a technical background (and I'm not just talking electronics
or software) would get "wowed" by HF DX vs the latest applications on
internet? Furthermore, what percentage of today's young technical people
are AT ALL interested in amateur radio vs people from that same age
group (and technical bent) 30 or more years ago?

Should amateur radio be made more attractive to such people?
Is so, how can we do that?

- kevin.jessup@mai.mei.com

5530. Re: SCREW THE CODE!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <54donn$r8b@news.Hawaii.Edu>
Source record: 214393

Carl The Tech said:

> No ... despite your aversion to reality, we are a service with a hobby
> aspect ... see Part 97.1 ...

Ah, we finally got carl to mention the h-word! After denying it for so long he finally realized that 99.9% of the time we're hobbiests; the remaining 0.1% is used during tornados, hurricanes, flooding, search & rescue, public service events, et cetera.

>try reading and learning something for a
> change ... I know it's harder than spouting off with no idea of what
> you're talking about (your normal mode of operation), but you really
> should try it ..

Oh, don't be so nasty. Eat a few prunes for that constipation.

Jeff KH2PZ
"No code, no HF. Know code, know HF."

5531. Re: Digital VS. CW Testing

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <54dp9e$rki@news.Hawaii.Edu>
Source record: 214394

Ramon Gandia <rfg.at.nome.dot.net@no, .spam.please> wrote:

>Fellows, I think both modes have their strengths and weaknesses.
>Under very difficult conditions, noise, QRM, etc it is likely that
>CW will get thru better than digital modes. In normal conditions,
>the digital will outstrip the CW for speed.

Wonder why everyone ignores the limitation of the speed of digital modes:
The typing speed of the operator who initiates a message?

RTTY has been around since the war years yet it never came into the
forefront of amateur comms. Maybe most folks aren't all that interested
in greater "spewput."

Jeff KH2PZ / KH6

5532. VK2WI News, 20th October 1996

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: richardm@zeta.org.au
Message-ID: <54buit$1gc@phaedrus.kralizec.net.au>
Source record: 214448
Cross-posted to: aus.radio.amateur.misc,rec.radio.amateur.misc

DIVISIONAL NEWS
The 1997 Call Book is now available from the Office. The price is $14.95. Discounted price to members is $13.00. If you want it posted to you, please add a further $2.50 for postage and packing.

WANTED (ALIVE): VOLUNTEERS FOR THE BROADCAST ROSTER
We urgently need more people on the broadcast team who are prepared to be rostered on to do the evening broadcast. At present, we have seventeen people who are willing to help in the morning, four who will help either in the morning or the evening, and six who wish to be rostered evenings only. It does not take many fingers and toes to realize that, whilst the morning roster means people only need to come here about five times a year, the evening roster comes round once a month! If you would like to be trained either as an announcer or as an engineer or both - you don't have to have a call sign, as there is always one person rostered on who has a full call, please would you contact Pixie VK2KPC at the office between 10.30 and 15.30 hours Monday to Friday, or leave a message at any other time. We will accept people for the morning roster, but we really need ten or twelve more people for the evening roster, so that everyone gets a fair go. How about it, folks? Can YOU help? WILL YOU help?

The next examinations will be held at Amateur Radio House Parramatta on Sunday 3rd November 1996 Candidates who have lodged applications are requested to report at 12 noon, and the exams will start as soon after that time as possible, but no later than 12.30 pm.

Please apply to the oftice for the necessary forms. Applications close on Thursday 24th October. Acceptance cannot be guaranteed for any applications received after that date.

--submitted by Eric Fossey VK2EFY - Divisional Secretary.

WICEN NEWS
Graham Dalglish VK2DIG, the Sydney South-West RCO, advises that he has information on conversions for the Motorola Syntor, the Plessey 8000, the Phillips 828/E, and the AWA RT-85 for WICEN purposes; unfortunately, his fax was rather too long to appear here, but it will appear in the WICEN newsletter. In the meantime, we advise that he has just five photostat copies of the Motorola Syntor manual for just $5 plus $5 postage; this includes a suggested band-plan, and a method for by-passing the DVP and CTCSS. Also available for a floppy and return postage is a programmer and EPROM files for the Plessey 8000. Please contact Graham for further information, or wait for the newsletter.

Next weekend is the "Hawkesbury Classic Paddle", run as usual by Kevin VK2CKD; Kevin will only be too pleased to hear from those who wish to assist on this overnight exercise, which consists of canoes being paddled down the Hawkesbury river (by presumably sane people) under the light of the full moon. The safety of these paddlers is paramount, and WICEN deploys an extensive communications network -- both voice and data -- for this event. Briefing notes have already been posted, so if you haven't received them then please advise Kevin as soon as possible.

Next month is the Oberon Car Rally, to be held on Saturday 2nd November; the event co-ordinator is Neil VK2XNF, and presumably further details will be forthcoming in due course.

Those regions wishing to have their activities publicised on this broadcast are requested to have the details with the Publicity Officer, Dave VK2KFU, by Thursday night at the latest. Packet radio is the preferred medium, to VK2KFU@VK2KFU (AX.25) or vk2kfu@gw.vk2kfu.ampr.org (TCP/IP).

Fax is acceptable, to (02) 9922-5286, for the attention of Dave Horsfall, but they are likely to be summarised; e-mail is also acceptable, to dave@fgh.oz.au.

-- Dave Horsfall VK2KFU, WICEN (NSW) Inc. Publicity Officer

SPACE NEWS
PHASE 3D LAUNCH PENCILED IN FOR MID-APRIL
The launch of the Ariane 502 that will carry AMSAT's Phase 3D amateur satellite aloft has been tentatively set for mid-April 1997. That announcement came recently from Jean-Marie Luton, Director General of the European Space Agency (ESA), and Alain Bensoussan, Chairman of CNES (the French Space Agency), during a joint ESA-CNES press conference at ESA Headquarters in Paris. Other payloads include a pair of technological measurement packages for validation of the launch vehicle's ability to place two satellites into a geostationary transfer orbit.

The press conference also outlined the two agencies' respective plans to correct deficiencies in the Ariane 5 launch vehicle, in response to a report submitted in July by the Ariane 501 inquiry board that's been looking into the loss on launch of the first Ariane 5 booster in early June. In their announcement, Luton and Bensoussan outlined several specific actions that ESA and CNES are taking to assure the correction of software contained in the Ariane 5 inertial reference system. Software errors were cited as among the primary causes of the Ariane 501 failure. Other changes will mean that all of the launch vehicle's software will be subject to qualification reviews in which outside experts will take part.

AMSAT-NA President Bill Tynan, W3XO, confirmed outside reports that the launch delays will cost AMSAT-NA and AMSAT-DL approximately $300,000. AMSAT originally had budgeted about $4.5 million for the construction, launch and operation of the AMSAT Phase 3D satellite. It's now seeking additional contributions to help pay the extra costs associated with the launch delay.

--AMSAT News Service and the ARRL Letter dated 11th October 1996

PRESIDENT CLINTON RECOGNIZES AMATEUR RADIO
President Bill Clinton sent greetings to Amateur Radio during the week leading up to the October 12-13 Simulated Emergency Test. The President's greeting referred to the week as "Amateur Radio Week." The White House faxed a copy of the president's message to ARRL member Darlana Mayo, KB2EPU, of Mt Vernon, New York, who's been working with the White House for several months to get the acknowledgement. Mayo said she wanted the president to "be aware of our value to the community--particularly in emergencies." Mayo--a ham for 10 years--is a member of ARES and RACES, and serves as an assistant director and an assistant emergency coordinator in the Hudson Division.

Here's the text of the White House statement, which was signed by President Clinton:

"Warm greetings to everyone observing October 7 through 13, 1996, as Amateur Radio Week.

"In the past century, the medium of radio has changed the way we live and the way we view our world, and Amateur Radio operators have played a vital role in this communications phenomenon. Sharing knowledge and technological expertise, connecting computers via radio equipment, and linking people all across the globe, ham radio operators have helped to make our world a true global village. But even more important, they have provided a crucial lifeline of relief in times of disaster and hardship, ensuring that hope and help are on the way to those in need.

"Amateur Radio Week offers us a welcome opportunity to thank our nation's amateur radio operators for their commitment to excellence and their willingness to work for the well-being of others.

"Best wishes for a wonderful week."

--ARRL Letter dated 11 October, 1996

CLUB NEWS

THE ILLAWARRA AMATUER RADIO SOCIETY'S NEXT MONTHLY MEETING WILL BE THEIR CLUB AUCTION.SO TURN YOUR UNWANTED GOODS INTO CASH! THE MEETING PLACE WILL BE OPEN FROM 1830 AND ALL GOODS MUST BE BOOKED IN BY 1915,AS THE AUCTION WILL START FROM AROUND 1930.SO COME ALONG TO THE S.E.S BUILDING MONTAGUE STREET NORTH WOLLONGONG,ON NOVEMBER 12TH.THERE WILL BE A LUCK DOOR PRIZE OF A VHF RADIO AND YOU MAY EVEN GO HOME WITH SOME REAL BARGINS.SO BRING YOUR MONEY WITH YOU IF YOU REQUIRE AN MORE INFO RE THIS AND OTHER CLUB ACTIVITIES RING BRIAN ON (042) 672296 AFTER HOURS.SEE YOU THERE BRIAN VK2UBF CLUB PUBLICITY OFFICER.

HORNSBY AND DISTRICTS AMATEUR RADIO CLUB INC.
This weekend is JOTA. translated Jamboree Of The Air, and the H,A.D.A.R.C. members are operating several JOTA Stations at various

locations, and extend their THANKS to all other Stations participating, as this all helps promote Amateur Radio.

The next meeting of the Club is the monthly meeting on the 22-10-96. After the meeting the Annual Trash & Treasure sale will take place.

The venue:
The Mt Colah Community Centre,
Pierre Close,
Mt Colah.
(Near the Eastern entrance to the Railway Station.)

We would like to see you at one of our meetings or hear from you either by Mail or Phone.

Postal Address H.A.D.A.R.C.
P.O. Box. 362.
Hornsby 2077.

Phone the Publicity Officer: John VK2WRT.
Phone number (02) 9807-2490.

Remember the Club Net on Monday nights, on the Repeater VK2RNS Freq. 147.250 with a positive offset. ALL ARE WELCOME.

-- John VK2WRT the Publicity Officer.

TAMWORTH RADIO CLUB HOLDS ITS MEETINGS ON THE FIRST FRIDAY OF EACH MONTH COMMENCING AT SEVEN THIRTY PM IN THE SOCCER ROOMS, JEWERY STREET, TAMWORTH. GUESTS ARE ALWAYS WELCOME AND TEA AND COFFEE IS PROVIDED. THE NEXT MEETING WILL BE ON FRIDAY THE FIRST OF NOVEMBER. THIS WILL ALSO BE THE ANNUAL GENERAL MEETING. IF YOU WISH RO STAND FOR A POSITION ON THE COMMITTEE THEN PLEASE COMPLETE A FORM AND GET IT TO THE SECRETARY BEFORE THE COMMENCEMENT OF THE AGM.

NEXT SUNDAY, THE 27TH OF OCTOBER, WILL BE THE COMMITTEE MEEETING AT THE USUAL VENUE. KATH HAS ASSURED ME THAT HER FAMOUS SCONES WILL AGAIN BE SERVED AND THESE MAKE THE MEETINGS REALLY WORTH ATTENDING.

IF ANYONE REQUIRES MORE INFORMATION ON THE CLUB PLEASE CONTACT DAVID VK2ICY OR SHARON VK2SHA ON 067 622466 DURING WORK HOUS OF 067 691539 AFTER HOURS AND WEEKENDS.

-- Sharon Margery VK2SHA, Publicity Officer

MID SOUTH COAST AMATEUR RADIO CLUB INC.
THE NEXT QUARTERLY MEETING OF THE MID SOUTH COAST AMATEUR RADIO CLUB INC. WILL BE OUR 20TH ANNIVERSARY MEETING AND WE ARE HOPING TO SEE MANY OF OUR PAST MEMBERS AND FRIENDS TURN UP TO DO A BIT OF REMINISCING.

THE MEETING IS AT THE USUAL PLACE, HANCOCK'S RANCH,
LITTLE FOREST ROAD, MILTON AND WE START ROLLING UP AT
ABOUT 1030 HOURS.

BRING YOUR LUNCH OR MEAT TO BARBECUE. WE PROVIDE TEA
OR COFFEE AND AFTERNOON TEA. LOOKING FORWARD TO
SEEING YOU THERE ON SATURDAY 2ND NOVEMBER.

-- DAVID VK2CX, HON SECRETARY.

GLADESVILLE NEWS
HELP WANTED WITH SSTV SOFTWARE.
The Gladesvllle Amateur Radio Club Inc. has received a request from an Amateur visiting our country for a copy of the software for a Slow Scan TV programme.

Our Visitor is 'Yank" ZS6JH - who has acquired a SS TV package but has found that the disk of software has a problem. The further complication is that he is unable to get any help from the supply source with a replacement disc for the PAL format as they are apparently now only supporting the NTSC format.

"Yank" would like to make contact with anyone having the following system. An Amiga Computer operatIng with the A V T modem - SSTV - PAL - version - V 3.6 - with the idea of getting a disk copy of the operating software.

If any listener can help please get in touch with the Gladesville Amateur Radio Club by Telephone after hours or leave a message on the answering machine - 02 9427 0530 [repeat]

--Keith VK2ZZO, President and ATV Coordinator

THE AUSTRALIAN AMATEUR TELEVISION CLUB INC.
THE NEXT MEETING OF THE A.A.T.C. Inc WILL BE HELD AS USUAL
ON THE 2ND SUNDAY OF THE MONTH IN NOVEMBER AT 109
WIGRAM ST. PARRAMATTA 1.00 PM. MAYBE !!!..SUBJEC TO
CHANGE !!!

THE AATC THIS YEAR IS AS USUAL ASSISTING WITH JOTA
HOWEVER THIS YEAR IS DIFFERENT, WE ARE TRANSMITTING ALL
OVER AUSTRALIA, NEW-ZEALAND AND NEW-GUINEA COURTESY
OF. AN OPTUS SATELLTTE B3 ON T3 ALL IN CLEAR BETWEEN THE
HOURS OF 9.OOAM TO 3.0OPM 6 HOURS A DAY COURTESY OF
OPTUS AND TELEVISION CHANNEL 2 INTER-LINKS THANKS TO
PETER WIGNELL. THE FREQUENCY IS 12.394 GHz OR ON A DIGITAL
RX 1094 TO 1096 WITH THE SOUND CARRIER ON 6.6 MHz
WE WILL BE WELCOMING FAX RETURNS BACK TO SYDNEY TOWER
ON THE 19TH AND 20TH FOR ACKNOWLEDCEMENT ALL HOURS
AND FOR A UNIQUE QSL TO BE POSTED OUT SOME TIME LATER.

* THE FAX NUMBER TO BE USED ON THE 2 DAYS ONLY IS (02) 9233-2501.

LOOK ON THE TRANSMISSION FOR ANY CHANGE TO THE FAX NUMBER

OPTUS HAVE DONATED THIS SATELLITE FOR THE 12 HOURS PLUS
SO ALL YOU WHO ARE CAPABLE OF RECEIVING SATELLITE
PLEASE SEND BACK A FAX TO SYDNEY TOWER ON (02) 9233-2581
ANY OTHER AMATEUR INTERESTED IN JOINING A SITE IF SPACE
EXISTS PLEASE CONTACT BOB BARNES FOR MORE INFO - THIS IS
AN AATC/AMATEUR/JOTA DAY

FOR MORE INFORMATION ABOUT ATV. CONTACT BOB THE
PUBLICITY OFFICER ON (02) 9587-3491 DURING NORMAL CIVILISED
TIMES.

--A.A.T.C. Inc. Publicity Officer Bob Barnes. VJ2R

Members of the Eastern and Mountain District Radio Club invite all
amateurs and short wave listeners to put Saturday 2nd of November on
your calender, On this day at 11:00 am est, we will launch a radio beacon,
for this launch the payload will consist of a 2m FM transmitter, which
should rise to about 65,000 feet. There are two modes to listen for, first is a
20 second digitised voice mode, giving out internal and external
temperature, flight time, attitude and background radiation count. Then
there will be a 10 second burst of high power for the packet mode, the
same information will be on packet plus the battery voltage reading. Also
going as part of the payload will be a 6m FM receiver which will listen for 30
seconds each minute, signals received during this time will be re-
transmitted on 2m, This should give interstate six metre operators a chance
to work each other via the balloon, previous launches have been received
over 800km from the transmitter. Just a few hints if you intend to monitor
the balloon: It is only 6m in there is no 2m receiver on board, if you are
monitoring the packet please disable your beacon to avoid embarrassing
yourself.

So the launch date is: Saturday 2nd of November, time: 11:00 am est., 2m
frequency is: 144.250 MHz, the 6m frequency is yet to be published. Our
club will have a control station that will have a call in on 20 and 40m.
For more information regarding this experiment please contact the club
President Jack VK3WWW at home on 03 9873 2458.

COMING EVENTS

Jamboree on the Air (JOTA ⁄96).....Ends today
WIA affiliated clubs net (after evening broadcast).....Today
Asia-Pacific Sprint.....Today
Divisional exam applications close.....Thursday
Tamworth ARC Annual General Meeting.....Saturday
Hawkesbury Classic Paddle (WICEN--Kevin VK2CKD).....Sat-Sunday
1996 World Solar Challenge (Darwin-Adelaide) starts.....next Sunday
Tamworth ARC committee meeting.....next Sunday

NOVEMBER
Tamworth ARC Annual General Meeting.....1st
Oberon Car Rally (WICEN - Neil VK2XNF).....2nd
St George ARS Bill Shakespeare Auction.....2nd
Mid South Coast ARC quarterly meeting.....2nd

Waverley ARS project day.....2nd
Eastern and Mountain District Radio Club balloon launch.....2nd
Dural Committee meeting.....3rd
Divisional examinations at Parramatta.....3rd
Divisional Council meeting.....8th
WICEN Central Coast meeting.....8th
Gold Coast ARC Hamfest 96.....9th
ALARA Contest.....9th

If you would like to submit a news item for inclusion in the weekly
broadcast, please send it to us by one of the following means:

by post to the Divisional Office, PO Box 1066, Parramatta NSW 2124;
by fax to (02) 9633-1525;
by packet radio to BCAST@VK2WI.NSW.AUS.OC, or
by Internet e-mail to wiansw@sydney.dialix.oz.au

Please note that the deadline for news items is 2pm on the Friday
preceding the broadcast; if submitting news items by packet or internet,
please allow for forwarding delays in the network.

If submitting printed copy, please:
submit your news item on A4-size paper;
double space your text;
write on one side of the paper only, and
use a plain font such as "Arial" or "Helvetica", 12-point or larger. This is
especially important if sending your news item by fax.

Please avoid using abbreviations and shorthand, check your spelling,
grammar, and punctuation, and use the exact words you wish the
announcer to say on-air. Remember, the more care you take in preparing
your news item, the better the announcer will read it.

BROADCAST ROSTER
Next Sunday, 27th October
Morning:
Announcer: David VK2NH
Engineer: Peter VK2JPJ
Evening:
Announcer: Tony VK2DJW
Engineer: Peter VK2EMU

--
Richard Murnane VK2SKY
Email: richardm@zeta.org.au
Web: http://www.zeta.org.au/~richardm
Bonus Fool On the Hill Web page: http://www.zeta.org.au/...
...~richardm/psychology/case-studies/fool/index.html
Packet: vk2sky@vk2op.nsw.aus.oc

5533. Re: SCREW THE CODE!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <54c2l5$kig@lehi.kuentos.guam.net>
Source record: 214449

"B. Hildebrand" <BHildebrand@worldnet.att.net> wrote:

>I think we should require everyone to learn how to connect to the Internet
>with a 120 baud modem. Remember them. Let those who want to learn the
>code (and I did), use it. But hey, even government has seen the light!

>BH, KH2Z

Hafa Dude, if you are still using that 120 baud modem, let me know, I have an old 1200 baud one I can send you. Put a little SPEEEED in your life. How's the sleepy business ?

73, Jim KH2D

5534. Re: Knickerbocker Amateur Radio Club - WA2OEG interference

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: danl@execpc.com
Message-ID: <54c2gv$h1j@newsops.execpc.com>
Source record: 214450

ptracy@aol.com (PTracy) wrote:

>In article <3266e784.84363103@news.openix.com>, kroser@pobox.com (Ken
>Roser) writes:

>>I'm looking for assistance in trying to resolve a persistent
>>interference problem. A simplex phone patch identifying as WA2OEG has
>>been on our repeater input on 147.595 for quite some time.

>Isn't that simplex frequency? Or has the 2M band plan changed in the last
>6 months? (That's how long it's been since I was on 2M).

Yup. Some state repeater ass. are putting repeaters on simplex freq's.
Michigan has one on 146.500. It's a repeater where the mechanical id
is the one heard the most. Thats because most of the people operating
on it seem to be unable to comprehend rules like station id. If you
complain about it you are the one made to feel out of place. The
F.C.C. and the ARRL ignore the violations and say profanity is ok,
sorry but we can't do anything. I will venture an opinion why this
is. The people in charge of this type of this thing are unable to see
any other view as having merit. Never heard of anything they didn't
think of I guess.
Dan

Dan
danl@execpc.com
Amateur Radio Enthusiast, N9JBF.
Bass Fishing Aficionado.
Haz. Mat. Tech. student with time for little besides studying.
Catch me, clean me, eat me, opps sorry, I was thinking of something else.

5535. LOOKING for Burt VE1AMA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: intergen@usa.net
Message-ID: <54c3df$pnj@boursy.news.erols.com>
Source record: 214451

I have not been able to get to Burt from the last e-mail address I
had for him. If anyone knows him or sees him on "NETWORK 105". 14.105
packet, please pass this message to him.

Thanks es 73's

de Bob, W4GBB

! FOR YOUR FREE WEB PAGE WITH NO INVESTMENT REQUIRED CHECK !
! MY HOME PAGE AT: !
! http://members.tripod.com/~w4gbb/index.html !
! +++"Let the INTERNET work for YOU". +++ !

5536. FS : Alinco DR 130 T 2 meter rig- $200!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: dconti@carroll.com
Message-ID: <DzK171.GqA@news2.new-york.net>
Source record: 214452
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

Alinco DR 130 T mobile 2 meter rig for sale, in box with manual, all
hardware, etc. Purchased brand new in 5/96. Also includes optional
PL tone decode board installed.

$200.00 shipped to 48, COD $5.00 extra

E-Mail if interested
dconti@carroll.com
Compuserve - 71242,1774 Amateur Radio - N2TYB
Ridgefield, New Jersey

5537. Re: Code or No Code...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <54cict$mgi@lehi.kuentos.guam.net>
Source record: 214453

Somebody, I don't know who, wrote:

> >You might want to look at the statistics showing how the hams are
> >getting older and older and there are not nearly enough young ones to
> >enter the hobby. In Finland, the average ham age in the last 4 years has
> >increased by 3 years.

Sounds like the ham population is getting younger, not older. Seems to me
most hams would age 4 years in a 4 year period, not 3. Maybe they put something
in the water in Finland ?

73, Jim KH2D

5538. Re: This Week in Amateur Radio #186 (for air through 10/25/96)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: robert@kd3bj.ampr.org
Message-ID: <robert.845779064@kd3bj.ampr.org>
Source record: 214454

Stephan M. Anderman <sanderman@delphi.com> writes:

> _/_/_/_/_/ _/ _/ _/_/_/ _/_/_/ _/_/_/
> _/ _/ _/ _/ _/ _/ _/ _/
> _/ his _/ _/ _/ eek _/ n _/_/_/_/ mateur _/_/_/_/ adio
> _/ _/_/ _/_/ _/ _/ _/ _/ _/
> _/ _/ _/ _/_/_/ _/ _/ _/ _/
>-
>Here is a summary of news items covered on edition #186 of
>"This Week in Amateur Radio", North America's satellite-delivered
>audio bulletin service, for the week ending 25-Oct:
>-
>1. Congress Mandates Reallocation of Frequencies at 2.3 GHz
>2. ARRL Board Elections Continue, Several Divisions Contested
>3. 200 kW Morse Code Transmitter Returns to the Air This Week
>4. Special Event Station Calendar
>5. "Gateway 160 Meter Net Report" with Vern Jackson, WA0RCR
>6. FCC Antenna Tower Registration Deadlines Approaching
>7. Texas Broadcast Tower Fails in Wind, Several Workers Killed
>8. "The RAIN Dial-up" from Chicago
>9. Supercomputer Pioneer Dies after Colorado Auto Accident
>10. "Ancient Amateur Archives" with Bill Continelli, AB2CA
>11. Weekly Propagation Forecast
>-
>Funding for the program's transmission and production expense was
>provided this week by a grant from Gene Wicklund, WA0ZOK, of Horace,
>North Dakota, where "This Week in Amateur Radio" is heard on the
>WA0ZOK repeater, serving Fargo, North Dakota; Morehead, Minnesota;
>and the Red River Valley on 443.75 MHz.
>-
>"This Week in Amateur Radio" is a weekly amateur voice bulletin
>service, produced by Community Video Associates, Inc., a New York
>State not-for-profit corporation based in Albany, NY. The program
>is heard on the "W0KIE Satellite Network" each Saturday at 9:00 PM
>(EDT) on the Hughes Communications SBS-6 commercial communications
>satellite, transponder 13B upper, located at 74 degrees west
>longitude in equatorial geosynchronous orbit. The transponder
>center frequency is 12.019 GHz; tune up in frequency to 12.031 GHz.
>Program audio is on the 6.2 MHz analog subcarrier and carried on
>VHF/UHF repeaters throughout North America and on 160 meters at 1860
>kHz. Contact your local amateur radio club or repeater operator if
>"This Week in Amateur Radio" is not being heard in your area.
>-
>Production and transmission expenses are underwritten by donations

>from repeater operators, amateur radio clubs, and individuals.
>Further information is available from George Bowen, N2LQS, at
>518/283-3665 (email kxkvi@delphi.com) or Stephan Anderman, WA3RKB,
>at 518/664-6809 (email sanderman@delphi.com). You may also reach
>them @ WA2UMX.FN32AW.ENY.NY.USA.NA via amateur packet.

I wanna hear it! Does any repeater have coverage in the northern area of
Bucks County, PA? If so, what frequency.

--
Robert Garland NX3S @ N3ACL.PA.USA.NOAM
Hilltown Township Bucks County robert@kd3bj.ampr.org
Pennsylvania USA Grid FN20ii
"Ham Radio is a calling"

5539. It's A TUFF Job, But Somebody Has to Do It.....

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <54cj7e$mmo@lehi.kuentos.guam.net>
Source record: 214455
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

From Amatuer Radio Newline # 1000 comes this tidbit of information to show us how our ARRL is working to serve us better.....

> DXCC UPDATE

> In DX, the ARRL's DXCC Desk reports the number of unprocessed
>applications at the end of August was down to 464 representing 27,814 QSL
>cards. The desk received 376 applications for endorsements and new awards
>during July, and 655 applications during August.

> Also in August, DXCC Manager Bill Kennamer, K5FUV, traveled to Tokyo,
>Japan. There he checked DXCC cards at Ham Fair. Kennamer returned with
>over 200 DXCC applications, representing over 14,000 QSLs.

Wonder if Old Bill flies First Class or coach ? Join the ARRL NOW and help Bill pay his travel expenses......

73, Jim KH2D

5540. Re: Amateur Radio Newsline #1000 11 Oct 1996

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-20 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <54cdf8$os@anomaly.ideamation.com>
Source record: 214456

In article <qfYayQQI8tjY092yn@dorsai.org>,
Steve_Coletti <bigsteve@dorsai.org> wrote:

> PRES. CLINTON DECLARES AMATEUR RADIO WEEK
>
> Thanks to the perseverance of a New York ham, the week of October 7th to
>the 13th was Amateur Radio Week nationwide. Darlena Mayo, KB2EPU, says
>that she has been working with the White House for quite some time to get
>President Clinton to declare such an event. When she heard that it had been
>approved, she was ecstatic:
...
> Darlena Mayo only learned of the proclamation on Tuesday October the
>8th. She faxed us a copy of the announcement and it reads like this:

Yeah. Boy, what a deal. I bet this got a whole bunch of press attention,
huh? Talk about useless.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

5541. ANARTS RTTY News Bulletin 930 12 October 1996

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: dave@eram.esi.com.au
Message-ID: <54fpoh$7ij@eram.esi.com.au>
Source record: 214258
Cross-posted to: aus.radio.amateur.misc,rec.radio.amateur.misc,rec.radio.info

[ANARTS - Australian National Amateur Radio Teletype Society]

This is the Australian National Amateur Radio Society with
our weekly RTTY broadcast. We transmit on the following times
and frequencies :

3.545 MHz (Plus/minus 5) 0930 UTC VK2CTD (COL)
7.045 MHz -3 0030 UTC VK2CTD (COL)
14.070 MHz (amtor/fec) 0030 UTC VK2DPM (ALAN)
14.091 MHz 0030 UTC VK2DPM (ALAN)
146.675 MHz 0030/0930 UTC VK2JPA (PAT)
144.850 MHz (ax25 bbs) VK2JPA AT VK2WI
146.675 MHz (rtty mmbbs/repeater) VK2RTY

INTERNET RADIO-INFO-DIST AT UCSD.EDU

Enquiries to the society should be addressed to
the Secretary A.N.A.R.T.S., PO Box 860, Crows Nest,
N.S.W. 2065, accompanied by s.a.s.e., or to VK2JPA at
VK2WI.

Views expressed in this news bulletin are not necessarily
those of the Broadcast Officer, the Relay Officers, or of the
Society.

A.N.A.R.T.S. News Bulletin 930 12 October 1996

Cols Column

There is no column this week due to the length of the contest
results. I would like to thank Jim VK2BQS for another great
effort in checking and collating all the logs that have come
in. Sadly as you will see Jim has missed out on an award
himself. Never mind Jim, there's always next year.

A.N.A.R.T.S. World Wide Rtty Contest Results

The winners in each section have already been published in an
earlier broadcast. this list contains the full placings in
the World in each section. The first column shows the WW
placing in each section. The end column shows the placing in
the contestants own country or State.

A more detailed list will appear in messages sent on the Packet
system World Wide and will contain the following extra info :

QSO Points, Multi's, Continents, and VK bonus Points.

CLASSIFICATION A: Single Operator. (One transmitter)

World Total Posn.	Callsign	Points	QSOs	Award
1.	UT0I	4,198,658	448	1st Ukraine
2.	UR7E	3,346,276	354	2nd Ukraine
3.	VK2KM	3,319,422	194	1st VK2
4.	AB5KD	3,286,828	541	1st W5
5.	UN5PR	2,622,592	265	1st Kazakh
6.	N1RCT	2,079,062	381	1st W1
7.	UA4LL	1,874,058	282	1st EuroRus
8.	WA6VZI/7	1,841,545	264	1st W7
9.	N6GG	1,569,720	215	1st W6
10.	G4BWP	1,289,940	201	1st G
11.	SM3KOR	1,041,312	217	1st SM
12.	I2HWI	982,750	170	1st I
13.	ZL2JON	941,724	121	1st ZL
14.	OI3LQK	834,740	236	1st OH
15.	RA0FU	832,332	141	1st AsRuss
16.	OK2SG	822,012	145	1st OK
17.	US9QA	815,450	212	3rd Ukraine
18.	OH2LU	765,672	166	2nd OH
19.	DL7VOG	664,300	141	1st DL
20.	WD0CHW	617,744	175	1st W0
21.	CE8SFG	611,000	90	1st CE
22.	IK0HBN	571,325	148	2nd I
23.	G5LP	510,550	141	2nd G
24.	VK5AI	454,935	74	1st VK5
25.	KI4MI	454,340	143	1st W4
26.	AH6JF	449,320	134	1st KH6
27.	KA2CYN	416,725	118	1st W2
28.	VE6KRR	400,496	96	1st VE6
29.	4X6UO	391,155	120	1st 4X
30.	OK2BXW	357,310	102	2nd OK
31.	KD6TO	323,590	124	2nd W6
32.	SP9LKS	285,892	96	1st SP
33.	JH1HRJ	270,672	63	1st JA1
34.	VK2CTD	250,880	64	2nd VK2
35.	JA1SJV	247,220	65	2nd JA1
36.	WA4JQS	220,030	85	2nd W4
37.	ER5AA	215,975	91	1st Moldova
38.	K7WUW	211,360	79	2nd W7
39.	K6HGF	197,348	111	3rd W6
40.	WA0ACI	163.280	102	2nd W0
41.	JA9DDF/2	162,952	45	2nd JA2
42.	KE7GH	145,700	85	3rd W7
43.	W9FFQ	140,015	89	1st W9
44.	VK3DXI	123,215	38	1st VK3

45. YL2KF 119,038 68 1st YL
46. SP3RBT 112,140 59 2nd SP
47. JH3WKE 102,200 42 1st JA3
48. VE8NC 101,136 51 1st VE8
49. OM3PR 94,185 60 1st Slovak
50. VK2DPM 93,900 37 3rd VK2
51. SP3FAR 86,284 40 3rd SP
52. VE6FR 84,475 42 2nd VE6
53. VK2BQS 71,536 36 Nil
54. KD2YG 63,564 45 2nd W2
55. N2LEB 60,900 46 3rd W2
56. SM3LGO 53,028 44 2nd SM
57. AA9RR 52,904 58 2nd W9
58. HB9DBK 50,746 27 1st HB9
59. W2JGR/0 43,500 39 3rd W0
60. SM6APB 34,560 26 3rd SM
61. SM4RGD 32,373 55 Nil
62. SP2EIW 31,220 70 Nil
63. LA7AJ 24,048 27 1st LA
64. SP2FN 18,600 29 Nil
65. DJ2YE 13,430 27 2nd DL
66. KB9KWL 12,672 37 3rd W9
67. VK2AIC 11,040 17 Nil
68. VK3EBP 6,146 12 2ND VK3
69. DF5BX 3,744 15 3rd DL
70. SP2UUU 992 15 Nil
Check Log F/OH2LU

CLASSIFICATION B. MULTI-OPERATOR.
---
1. RK9CWA 5,389,360 431 1st AsRus
2. AA5AU 3,965,922 426 1st W5
3. IK2BUF 2,816,144 315 1st I
4. OH0JWH 2,558,460 380 1st OH0
5. VK6GOM 2,082,785 181 1st VK6
6. VE3FJB 397,200 108 1st VE3
7. VE3UR 133,012 110 2nd VE3

CLASSIFICATION C. S.W.L.
---
1. ONL383 271,065 96 1st ON.
2. ONL3997 11,424 30 2nd ON.

WEEKLY SOLAR AND GEOPHYSICAL REPORT

(04 OCTOBER - 10 OCTOBER)

ISSUED ON 11 OCTOBER 1996

SUMMARY
Date 04 05 06 07 08 09 10
10cm 69 69 69 68 68 68 68
A 6 3 4 4 9 17 (11 estimated)
T -4 1 7 5 0 -2 -16

SOLAR ACTIVITY WAS VERY LOW ALL WEEK.

THE GEOMAGNETIC FIELD AT LEARMONTH W.A. WAS QUIET 5TH TO 7TH OCTOBER; QUIET TO UNSETTLED 4TH, 8TH AND 10TH; AND UNSETTLED TO ACTIVE ON 9TH OCTOBER. THERE WAS ALSO A BRIEF ACTIVE PERIOD LATE ON 8TH.

MAXIMUM USABLE FREQUENCIES AT SYDNEY WERE NEAR PREDICTED MONTHLY VALUES, WITH FREQUENCIES 15 TO 30 PER CENT DEPRESSED AT TIMES ON 9TH AND 10TH OCTOBER. SPREAD F WAS OBSERVED DURING LOCAL NIGHT ON 4TH TO 7TH.

FORECAST (11 OCOTBER - 17 OCTOBER)

SOLAR: VERY LOW

GEOMAGNETIC: QUIET TO UNSETTLED. POSSIBLE ACTIVE LEVELS ON 17TH.

FREQUENCIES: MOSTLY NEAR PREDICTED MONTHLY VALUES WITH POSSIBLE DEPRESSIONS TO 20 PER CENT ON 17TH.

COURTESY OF IPS RADIO AND SPACE SERVICES

RTDX1004 RTTY DX
VK2SG RTTY DXNOTES FOR WEEKENDING 4 OCT. 1996 (BID RTDX1004)

There was a tremendous amount of activity, this past weekend, in the WW RTTY Contest sponsored by CQ Magazine and the Digital Journal. Some reported uncommon callsigns and interesting frequency occupancy not normally seen are listed below. (28-29)

Our information this week came from DJ3IW and the Central Europe DX Cluster DB0SPC, I5FLN and the IK5PWJ Packetcluster, the OH2BUA WebCluster, W5KSI, WB2CJL, OPDX/BARF80, AA5AU and the Digital Journal, and the Minnesota DX Packetcluster Network.

Thanks to all.

Bandpass:
Friday 27
0100-14085 VP8CKN
0134-14082 ZP6CC
0247-7086 XQ8ABF
0358-7035 6Y5/JJ3SRU
0620-14087 J28JY

1124-14086 UA2FF
1215-14084 OD5PL
1236-14085 TY1RY
1256-14084 TA2IO
1302-14081 5B4/SM0TGG
1832-14084 Z31JA QSL via WA4JTK
1932-14088 CO3ZD
1940-14088 IT9STG
2146-14086 KG4QD
2242-14082 LU1LC
2244-14088 LW2DFM

Saturday 28
0034-7033 VP5JM
0303-7040 RW6AWT
0308-3582 HG6N
0309-7090 HD3W
0311-7041 RW2F
0311-7075 KP2BH
0312-21082 VS96BG
0316-21084 4F3GDX
0357-7086 XR8S
0443-7091 CT3BX
0459-7038 GW5NF
0531-7085 5K6W
0541-7078 CO3ZD
0717-14084 DU1SAN
0724-14096 A35MC
0727-14090 V51C
0736-14084 FK8HC
0740-14077 YB9BOM
0755-7088 KG4GC
0843-21099 9M2TO
0957-14085 9K2HN
1006-21095 A92BG
1106-14069 TM7XX
1116-21074 5X1T
1152-14080 TY1RY
1620-21087 HV4NAC
1631-14085 4Z0Z
1711-14092 5R8EN
1721-14084 SU1ER
1722-28078 EA9BF
1735-14084 TA3D
1736-14084 3A2RT
1742-14089 ZS9C
1850-7034 RK9CWA
1914-7031 RA0FU
2033-21081 HP1KZ
2034-21074 LU8FDZ

2035-21080 KG4GC
2036-21083 LU8EKC
2036-21084 HK3SGP
2037-21085 HK1LAQ
2038-21077 FK8GM
2040-21078 LU9VET
2041-21085 XE2DV
2041-21088 PY0FF
2042-21096 ZP6VT

Sunday 29
0017-3579 TY1RY
0018-3579 9A9A
0023-3571 YT0T
0031-7076 VP5JM
0044-7074 KG4GC
0053-7079 ZS6EZ
0054-7037 TY1RY
0113-7079 PJ2MI
0121-7040 IG9/I2EOW
0122-7084 5K6W
0124-14086 FK8GM
0125-14089 NH2G
0131-21085 VK6GOM
0520-3591 NP2E
0529-3590 TY1RY
0541-21082 RQ4L
0541-14079 OI3LQK
0547-21081 UT0I
0609-7091 LU9VET
0653-14080 ON4UN
0800-7089 HJ6PPN
0952-7088 ZL2ZMI
1008-21094 5R8EN
1008-21083 ZS9C
1009-21086 YB5QZ
1017-21088 4S7NR
1108-21081 FR5DX
1223-14099 TM7GX
1234-14090 4A0Z
1248-21072 ZS8IR
1313-14066 HAM5BSW
1321-14060 EU1AZ
1341-21092 9G1UW
1345-21081 XT2DP
1345-21081 ZP5MAL
1347-21090 X88S
1348-21088 LU8EKC
1349-21078 V51C
1446-21073 LU8FDZ

1523-21064 A71CW
1530-21086 9G1BS
1546-21087 6Y5/KB5VRF
1625-21088 3DA0CA
1700-21087 9A5W
1708-14066 SU1ER
1745-21095 KP2BH
1849-14099 Z30M
1851-21082 FO5OP
1851-21088 HC5K
1857-21080 ZP5MAL
1901-14089 LZ5Z
1904-21100 8P6SA
1922-14051 KP3R
1931-3584 FK8GM
1946-14077 J77C
2043-7039 ZS8IR
2121-21070 5X1T
2123-14066 KG4GC
2131-14061 TY1RY
2147-7025 A71CW
2200-14076 EA9AZ
2252-21088 VK9NH/VK2
2254-3590 IG9/I2EOW
2303-14097 ZS2HT
2323-14069 VS96BG
2334-7029 LZ5W
2335-7030 PJ2MI

Monday 30
1353-14089 UA2AO
1457-14087 V85GA
1602-14085 9A3FT
1825-14085 TA2IO
1855-14083 WP4Q
1930-14083 HK1LAQ
2121-14088 XQ8ABF
2346-14079 VR6MW

Tuesday 1
0739-14083 EK6OCM
1124-14085 J38DF
1217-14084 TA2IO
1224-14088 GI3YMT
1311-14086 KG4GC
1516-14089 EU1DX
1600-14085 KP2CD
1800-14087 J38FR
1811-14081 4Z5AO
2032-14089 ON4AME
2034-14089 CN8HK

2048-14084 KG4GC
2105-14087 J38FR
2319-14082 KH6DRT

Wednesday 2
1149-14084 WP4Q
1233-14081 ER3KS
1327-14081 HA2VB
1525-14073 4S7JRG Pactor
1542-14083 4L1BR
1550-14080 UA1WER
1557-14086 HG5HRJ S/E 150 yrs Hung. Rwy. QSL Box 17, Budapest 1456.
1613-14086 OH2GI
1641-14086 4Z5AV
1913-21085 KG4GC
1926-14085 CU1AC
1941-14090 FG5MI
2035-14082 SP7MTL
2040-14091 J38FR
2044-14080 LX1TI
2052-14082 FM/PA3FQA
2123-14065.5 DJ1IJ Clover
2131-14083 PJ2MI
2138-14086 TL8MS

Thursday 3
0902-14084 VK2DLS
1054-14085 KG4GC
1126-14081 4U1ITU
1310-14083 4Z5AV
1558-14087 4L1BR
1731-14082 HA2VB
1907-14085 J38FR

Notes of Interest:

TUNISIA, 3V - Fresh from a rest in England following the TY1RY operation, Eddie, W6/G0AZT will operate RTTY from 3V8BB 9-13 October. 80-10m. QSL direct only, to P.O. Box 5194, Richmond, CA 94805 USA.

WALLIS & FUTUNA IS., FW - Look for FW/DJ2EH, FW/DJ4OI, and FW/DL8NBH between 22 October and 4 November. They will be active on 160-10m including the WARC bands on CW, SSB and RTTY.

For next week's bulletin send your bandpass and notes of interest to Luciano, I5FLN(at)ZS5S.ZAF.AF

73 es Good Hunting de
Jules W2JGR(at)W5KSI.(hashsign)NOLA.LA.USA.NA

COMING EVENTS

OCTOBER 19TH-20TH JARTS WW RTTY

Society information

The Society may be contacted at : PO Box 860, Crows Nest 2065
Australia, for such matters as membership and general
enquiries. Enquiries can also be made by packet to the
President (Col) VK2CTD at VKWI2, or the Secretary (Pat) VK2JPA
at VK2WI.

News items may be sent to Broadcast Officer PO Box 60
Blacktown 2148 Australia, or fax to (02) 9672-3392, or by
packet to VK2JPA at VK2WI.

Email address for the Broadcast Officer is :

patl(at)pitt.conmusic.su.oz.au
or patl(at)extro.ucc.su.oz.au

73s de Pat VK2JPA Broadcast Officer
--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2KFU.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | D8 15 71 F9 26 C8 63 40 5E 63 5C 65 FC A0 22 99

5542. Re: Communications in tunnels

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: conklin@forbin.com
Message-ID: <326b2079.16297465@news.uni.edu>
Source record: 214259

On Mon, 21 Oct 1996 01:13:22 GMT, gfiber@cmc.net (Gary Fiber) wrote:

>eugene@loop.com wrote:
>
>>The Metro Rail Subway system in Los Angeles utilizes Fire, Police, and Security repeaters feed into a
>>common antenna. This antenna is actually a very high loss coax, very wide braid. This cable is strung
>>throughout the stations and tunnels to provide comminications.
>
>>De WB6HRO
>
>Normally it is hardline that has slots cut into the copper shield I forget the
>proper name of the cable. Andrews used to make it, they may still. You will
>also see this used in many high rise buildings for better radio reception.
>
>Gary

Andrew calls it Radiax (sp?) - but leaky coax alone, even with an antenna on one end rarely provides the neccessary coverage. Usually some form of transmitter is required: either a bi-directional amplifier (read expensive) or a set of low-power repeaters (read limited discrete channels available) is installed on the end of the leaky cable that is exposed to "the real world (tm)."

The Mobile Radio Technology Article on Boston's system is a pretty good primer - (May 96 issue??) but the article sounds like Boston was the first place to do something like this. Hardly! Possibly they have one of the largest based on the number of frequencies, including Lo-band, Hi, UHF, and 800.

Chris Conklin, Amateur Radio: N0PAV
444.65mhz, PL 136.5 -- Cedar Falls IA
Home: 319-266-2761, pager: 319-235-8328

5543. Oops: Re: Receiving traffic helicopter signals?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: Armando Stettner <aps@ieee.org>
Message-ID: <326B12B4.78BE@ieee.org>
Source record: 214260
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner

```
Armando Stettner wrote:
>
> Steve Work wrote:
> >
> > Peter A. Forkes (pforkes@pobox.com) wrote:
> > : What equipment would be needed to pick up the pictures broadcast back to
> > : the station by the local TV sataions helicopters?
> >
> > It's probably in the microwave band (above 2Ghz), you'd need some type of
> > converter to change it to a regular TV channel.
>
> If it is microwave, I suspect it is pretty directional. However, I
> suspect that it is microwave....
>
> armando (aps@ieee.org)

Oops: I ment to say that I suspect it is *not* microwave.
```

5544. Re: Receiving traffic helicopter signals?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: Armando Stettner <aps@ieee.org>
Message-ID: <326B11F0.76D@ieee.org>
Source record: 214261
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner

Steve Work wrote:
>
> Peter A. Forkes (pforkes@pobox.com) wrote:
> : What equipment would be needed to pick up the pictures broadcast back to
> : the station by the local TV sataions helicopters?
>
> It's probably in the microwave band (above 2Ghz), you'd need some type of
> converter to change it to a regular TV channel.

If it is microwave, I suspect it is pretty directional. However, I
suspect that it is microwave....

armando (aps@ieee.org)

5545. Re: Oops: Re: Receiving traffic helicopter signals?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: Brian Varine <varineb@ucs.orst.edu>
Message-ID: <Pine.OSF.3.91.961021063345.29873E-100000@ucs.orst.edu>
Source record: 214262
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner

On Mon, 21 Oct 1996, Armando Stettner wrote:

> > If it is microwave, I suspect it is pretty directional. However, I
> > suspect that it is microwave....
> Oops: I ment to say that I suspect it is *not* microwave.

Actually the helicopter in Portland Oregon uses a diection microwave link
to transmit it's TV and FLIR (Yes, KGW has FLIR-Incredible but true)
They even have a big website about the helicopter including the type of
microwave link

http://www.kgw.com

5546. Re: Oops: Re: Receiving traffic helicopter signals?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: slwork@netcom.com
Message-ID: <slworkDzMowu.LtF@netcom.com>
Source record: 214263
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner

Brian Varine (varineb@ucs.orst.edu) wrote:

: Actually the helicopter in Portland Oregon uses a diection microwave link
: to transmit it's TV and FLIR (Yes, KGW has FLIR-Incredible but true)
: They even have a big website about the helicopter including the type of
: microwave link

They probably bought the equipment at a bargain-basement price from some
military electronics contractor whose main business is drying up due to
budged cuts. I'm sure the development of this stuff was paid for by the
military, it would be far too expensive for someone to develop just for
the commercial market.

5547. Re: Oops: Re: Receiving traffic helicopter signal:

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: Armando Stettner <aps@ieee.org>
Message-ID: <326B86A8.4A6A@ieee.org>
Source record: 214264

A friendly net'er sent me a message saying "\"real time\" (not slow scan) and non-compressed video from a helicopter is going to be microwave."

He went on to say "While it is possible to use Omni-Directional antennas - usually TV stations/networks use highly directional antenna systems, usually employing tracking technology."

I was surprised at the comment on tracking technology so I gave a call to a few TV stations' engineering departments (one who had a helicopter with live feeds) and got the following info:

They do use microwaves.

The helicopter typically uses an omnidirectional antenna.

Using lat/long from the helicopter's LORAN (I asked about GPS and they don't use it, yet), a ground station (one of several a given station has/operates) antenna array is pointed toward the helicopter.

When I asked him about moving helicopters (the infamous bronco following helicopter in LA, for example) he said that an alternative is to have another stationary helicopter relay the signal.

The info above is only as good as the source.

Hope this helps and thanks for the mail, Tim.

armando.

5548. Re: When is Dayton 97

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: Michael Valentine <wa8msf@ix.netcom.com>
Message-ID: <326B845C.1068@ix.netcom.com>
Source record: 214265

ka2ctn wrote:
>
> It's www.hamvention.org -Dave
>

Hi Dave! Mea culpa, mea culpa. I put .com on the end reflexively.
Of course it's .org. Sorry for the confusion!

Mike - WA8MSF - (who grew up line of sight from Hara Arena)

5549. Re: When MIKE became MIC

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: jim@rst-engr.com
Message-ID: <54g8rr$1ho@li.oro.net>
Source record: 214266

wmunsil@aztec.asu.edu (WILLIAM W MUNSIL) shared these priceless pearls of wisdom:
->When Japanese English became prevelant in the US HAM market,
->that's when.

Not quite. When somebody noticed that microphone wasn't spelled mikerophone and used the proper contraction.

Jim

Jim Weir VP Engineering | You bet your sweet patootie I speak for the
RST Engineering | company. If I don't, ain't nobody gonna.
Grass Valley CA 95945 |
http://www.rst-engr.com | AR Adv WB6BHI--FCC 1st phone---Cessna 182A N73CQ
jim@rst-engr.com | Commercial/CFI-Airplane/Glider-A&P-FAA Counselor

5550. Re: What a Wonderful Life.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: Peter Lemken <Plemken@bln.de>
Message-ID: <845913099.26644.0@plemken.bln.de>
Source record: 214267

Burt Fisher <k1oik@ccsnet.com> wrote:
>Peter Lemken wrote:
>
>> >I would fear anyone who is or was a Marine.
>> >But why would a Marine want to be with wimps?
>> >
>> >
>>
>> You mean like yourself?
>
>I was not a German who killed and tortured women and children.
>
>

Are you insinuating that I was or am?

Peter Lemken
DF5JT/KE4UNQ
Berlin

5551. RS-10/11 Help

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: Fraser Bonnett <bonnettfq@corning.com>
Message-ID: <326BA92B.7051@corning.com>
Source record: 214268

Anyone with RS-10/11 experience:

I am having no luck working RS-10/11. I'm using a dipole for receive and can hear the beacon with no problem. For the uplink I'm using an old ICOM 2m all mode running 15 or 100 watts (I've tried both) into an M2 EB-144 eggbeater antenna.

When I try to send cw on the robot uplink I hear nothing on the downlink frequency. When I just try to send "dits" somewhere in the cw passband still I hear nothing.

The radio receives local packet FM and SSB on this antenna, and it has the ground plane option which is supposed to enhanced the signal pattern straight up.

a) Is my power too low or too high?
b) Is there another satellite with a 2m VHF downlink I can listen for, to test the antenna?

Any help would be appreciated.

Fraser N3VSM bonnettf@vicon.net

5552. Contesters

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: k0hb@hamlink.mn.org
Message-ID: <845893159.AA07533@hamlink.mn.org>
Source record: 214269

With reference to recent comments about contesters, the following old gem came to mind.
- -
With apologies to Darwin, it's obvious that ham radio has three distinct classes of people, each with its own evolutionary destiny:

1) Hard core contesters who will evolve into godlike non-corporal beings who rule the universe (except for those who work only phone contests).

2) Contester wannabes who try to pass as knowledgeable but secretly lurk and copy 2 or 3 exchanges to get the call and serial number before attempting their own exchange. This group will gravitate toward jobs as high school principals and operators of pet crematoriums. Eventually they will become extinct.

3) Non-contesters who will grow tails, sit in zoos and fling dung at tourists, while chanting "Please QSY -- there's a net down 10KC and it's been there for 40 years."

73, de Hans (Grinning, Ducking, and Running)

5553. Re: Code or No Code...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: Jim Conn <jconn@gte.net>
Message-ID: <326C05E7.A6E@gte.net>
Source record: 214270

Carl Stevenson wrote:
>
> In <3267C299.2C9E@gte.net>, Jim Conn <jconn@gte.net> writes:
> >Carl Stevenson wrote:
> >>
> >> No, for the government to resstrict rights by requiring a license to do
> >> something, there must, of necessity, be a reason to do so ... that
> >> reason being the public interest, necessity, or safety.
> >>
> >
> >A pretty naive view, Carl. The government, when it condescends to justify
> >itself at all, often says (like "mommy" used to), "because I said so!"
> >
>
> NO, Jim ... the view of someone who has an idea of what our government
> is supposed to be like ... as opposed to a cowering wimp who is too
> afraid to say "Why?" (like you)
>

Sorry, Carl, if the government simply isn't up to where you think it is
"supposed" to be, but that's the way our legal system works. If you don't
agree, tough.

> >>
> >> There is a big difference between receiving a check from the government
> >> (which comes from my paycheck and yours as taxes) than being permitted
> >> the use of a public resource which is regulated in the public interest
> >> by the government.
> >>
> >
> >Nope, sorry, the government can make the decisions those individuals in
> >charge wish to make. In the case of the FCC, those decisions may be
> >challenged, and often are, in Federal Court. However, I doubt the courts
> >would override the FCC's morse code test requirement for amateurs, since
> >it has been in effect for so long. If you think they might, go ahead and
> >file a federal suit to get the FCC rule overturned.
> >
>
> Don't be ridiculous (what am I saying, I'm talking to you, Jim) ...
> we're not going to challenge the rules in Federal Court ... we'll get
> them changed through the normal administrative proceedures at the FCC.
>

Can't prove your case in court, eh? Must be a lack of proof, i.e., you
have no case.

> >> Hams are SUPPOSED to "pay back" society for the use of our vaulable
> >> spectrum allocations by performing public service and by learning and
> >> training ourselves to be better in terms of technical knowledge and
> >> skills.
> >>
> >
> >A worthy goal, in principle. How much are we to "pay back?" How do we
> >know when we have paid enough? How much public service, is enough? How
> >much "learning and training" is required? How will we know when amateur
> >radio generally has enough "learning and training" to justify our
> >spectrum, and how will we prove to the FCC that we do? Your turn, Carl.
>
> In your approach, I suppose, the "correct" response is to do absolutely
> nothing to satisfy Part 97.1 (pretty much like now) and then, when our
> bands are auctioned off, to protest???
>

And you have the nerve to accuse me of lying! I advocate public service. Fortunately, we don't need to provide emergency service until there is an emergency. Didn't you know that? Hams are always there when an emergency service is needed. In between emergencies (as I said and you ignored) ham radio reverts back to its hobby persona. Why do you try to twist what I say? Is it because you cannot come up with an honest answer?

> >
> >> >More petty jealousy and class envy. Note that these are Carl's
> >> >opinions only, and should not be counted as anything more.
> >>
> >> No, they are facts ... easily seen by anyone with a minimal amount of
> >> intelligence ...
> >>
> >
> >I certainly have enough intelligence to see through your preposterous
> >allegation that those higher in class than Technician are "licensees who
> >are, to a signicant degree, rooted in the past rather than . . . looking
> >towards the future and stagnating the service with their . . . insistance
> >on foolish rituals or antiquity."
>
> I didn't say that all higher than technican were that way, just that
> many, many, including the "leadership" at the ARRL are ...
> FOR THE UMPTEENTH TIME, PLEASE STOP LYING ABOUT WHAT I SAY !!!!!!
>

I enclosed your words in quotation marks so everyone would know exactly what you said. If the quotation is a lie, you said it, I didn't. I know you wish you hadn't said it, but you did. Why don't you just admit you made a mistake in saying it?

> >> > I strongly dispute his
> >> >assertion that ham radio has been "stagnating". Where's the proof? Ham
> >> >radio is as vibrant and alive as ever, perhaps more so.
> >>

> >> BULLSHIT, BULLSHIT, BULLSHIT! Ham radio is stuck in the 1950s or 1960s
> >> somewhere and you're just too stupid to realize it ... you like the
> >> radio a-la "Happy Days" and want to keep that mentality, level of
> >> activity, and level of technology forever ... the realization that ham
> >> radio has stagnated would require you to admit tha YOU have staganated
> >
> >There you go again, Carl, mouthing obscenities and name-calling as a
> >sorry substitute for logic or anything like a cogent argument in support
> >of your wild opinions.
>
> Jim, "Bullshit" is NOT an obscenity ... it is, perhaps, a "mild
> profanity" ... now asshole, that's a bit stronger, though still not an
> obscentity, but it clearly applies to you ...
>

Tsk, tsk, tsk. Try brushing with Ivory Liquid, Carl. Blustering is a poor substitute for logical argument. Can't come up with a cogent argument, I guess.

> You Luddites are the antithesis of groups like AMSAT, TAPR, and other
> groups of experimenters who are involved with new technology ... so
> don't you DARE try to use their work as representative of th majority.
>

So you feel the only "real hams" are the members of AMSAT and TAPR, etc. A very elitist, bigoted attitude. Are you saying then, than none of the members of these organizations is pro-code? How do you know that? Carl, let me explain to you what a "Luddite" was. A Luddite was, "One of a group of early 19th century English workmen destroying laborsaving machinery as a protest." Pro-code advocates are anything but Luddites. Your bigotry is showing again. Code testing is a technology-neutral issue, can't you see that? There are engineers on both side of the debate, and that fact does not prove either case. The fact is, pro-code advocates are for all kinds of technological progress, especially that involving the radio art and science. Despite your slanderous rhetoric, we are not against technology. Rather, we are against lowering the standards of the ham radio tests any farther than they have already been lowered. Your "Luddite" charge is an anti-technology straw man that you erected, plain as day.

>
> Your assertion that "the main body cannot afford" modern technology is
> ridiculous ... DSPs are cheap ... I've got a 100 MIPS worth of DSP in
> a damned TELEPHONE ... they (DPSs) cost about $5.00 ... the fact is,
> that you don't have a clue as to how modern stuff works, you don't
> understand it's benefits, you fear it like crazy because of your lack of
> understanding, and so you try to put it down and squash it and shove it
> under the rug at every opportunity. What's worse is that you insist on
> trying to drag everyone else down to your miserable level ...
> and in doing so, you seriously harm the future of ham radio ..
> >

I am doing no such thing. I use DSP. I like DSP. DSP is wonderful. DSP is not what I am talking about. I'm glad you are a wealthy ham, Carl. I'm glad you are rich. Most of us are not. Even those of us who have above average incomes, however, are selective as to how we spend our hard-earned money. By seeking to lower the entrance requirements for full ham priviledges, you are the one who is jeopardizing ham radio. In a previous post you said you think millions of new hams on the HF bands would be a good thing. I suppose that means you advocate putting 20 pounds of crap in a 5 pound bag. Talk about a mess. The rest of us believe the QRM from that would get a bit tough, even with DSP, Carl. You sure have some nutty notions.

> >
> >I am not confused at all. I simply said, and will say again, that if from
> >his perspective, CW is the best mode, then for him, his opinion is
> >correct.
>
> SO no matter how wrong one is, if they agree with you, they're right?
> YOU'RE UNBELIEVEABLE ... totally out of touch with reality ...
>

You're the unbelieveable one, Carl. Can't you see that other people can, from their perspective, have different views than yours? Is everything to you either black or white? Is it really your position that no matter how right someone is, if they disagree with you, they're wrong? You are totally out of touch with humanity, much less reality. Try answering my arguments for a change, instead of throwing dust into the air.

> >Show me where I have lied, Carl.
>
> YOU lie virtually *every* time you post, you SOB ... you lie about at
> least one thing I've said in every post, not to mention all the
> falsehoods you glibly spread as if they were fact, just because you are
> stupid enough to believe them ...
>
> Carl - wa6vse
> carl@ais.net

Ooh, did I make you angry because I asked you for evidence again? You know I haven't lied about one single thing. You just keep denying the things you have said, when I quote you. I label my opinions as opinion, while you try to pass off your bogus opinions as fact. Now, I don't have to prove an opinion, I only have to offer it. You, offering *facts*, are under a burden to prove your *facts*. I suppose the reason you haven't, is because you can't, and just don't want to admit that you can't.

Bye for now,
Jim - AD4VL

5554. Need Help Installing My 2-meter Mobile

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: Gene from ME <gogen@nemaine.com>
Message-ID: <54go2k$7ok@jogging.cyberTours.com>
Source record: 214271

Hi,Gene N1RCL here. I just purchased a 2-meter mobile rig and need help with the installation wiring. The dealer told me to just wrap the positive lead around a fuse in my car. This doesn't sound right. Besides, how in the heck could I replace the fuse with a thick lead attached?? Any help would be appreciated.

Thanks,

Gene

5555. Re: Oops: Re: Receiving traffic helicopter signal:

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct21.172340.19539@ke4zv.atl.ga.us>
Source record: 214272

In article <326B86A8.4A6A@ieee.org> Armando Stettner <aps@ieee.org> writes:
>A friendly net'er sent me a message saying "\"real time\" (not slow
>scan) and non-compressed video from a helicopter is going to be
>microwave."
>
>He went on to say "While it is possible to use Omni-Directional antennas
>- usually TV stations/networks use highly directional antenna systems,
>usually employing tracking technology."
>
>I was surprised at the comment on tracking technology so I gave a call
>to a few TV stations' engineering departments (one who had a helicopter
>with live feeds) and got the following info:
>
> They do use microwaves.

Yes, we use the 2 GHz band, FM video. There are 8 channels allocated for
ENG use here.

> The helicopter typically uses an omnidirectional antenna.

Perhaps, though we prefer to use a directional antenna on the chopper
for transmitting. Use of an omni increases multipath problems, IE ghosting,
dramatically. And we can get much better range if we use a directional
antenna on the helicopter. Typically, we can work out to 50 miles from
the receive site with the gain antenna and 10 watt transmitter. We have
3 2 GHz antennas on the chopper, 2 17 dbi gain disc yagis (old Goldenrods),
mounted on the skids, one forward facing, one rearward facing, and a
stubby omni hanging down between the skids. The pilot controls which
one he uses.

There are two receivers on board too, and he can switch one of the
antennas to the 2 GHz receiver in order to relay signals from a van
which doesn't have a direct path to one of the receive sites, IE the
chopper can act as a repeater. Usually, he'll use the little omni for
that because he'll be close to the van. The other receiver is at 13 GHz
and is used to receive signals from a portable unit, IE a manpack or
motorcycle mounted unit. It has its own omni antenna, belly mounted.
We use that for parades, marathons, etc. The chopper flies over
the portable and relays his signals back to one of the receive sites.
We always have some ghosting when using the omnis, but it's often
the only way to get the shot back to the station.

The chopper has 3 cameras on board too. The pilot controls which
one is fed back to the station. There's pilot cam, which faces
the pilot and lets him do talking head reports, a handheld cam
used by the photographer, which is used to show stuff on the

ground, and tail cam, a tiny camera which looks forward from
the tail that we use for "beauty" shots, IE showing the chopper
in flight. The pilot switches them too. He's a pretty busy guy.

> Using lat/long from the helicopter's LORAN (I asked about GPS and
> they don't use it, yet), a ground station (one of several a given
> station has/operates) antenna array is pointed toward the
> helicopter.

Perhaps, though usually the LORAN is only used to give the pilot a
bearing to point his antenna. He has waypoints set for all the receive
sites, so he knows the bearing he needs to use. This is not automatic,
he aims the antenna by aiming the chopper. He can switch manually between
fore and aft pointing antennas as needed. We did use the LORAN provided
coordinates, fed back on a UHF link, to aim receive site antennas some
time back, but the company who made that equipment went out of business,
and it didn't work very well anyway (maybe that's why they went out of
business).

Now we use ordinary receiver limiter current, IE signal strength, readings
to servo the receiving antenna and track the chopper after we manually
acquire him. It usually works better, and is the only way to do a bounce
shot. (A bounce shot is when we use some tall object as an intermediate
passive reflector, IE a mountain, a water tank, a skyscraper, etc. That
is frequently the only way we can get the shot in urban clutter.)

We use sense switchable circular and linear polarization. That cuts down
on ghosting. A bounce, IE ghost, will have reversed polarization sense
from a direct shot, for example if the chopper is transmitting RH, the
bounce will be LH. When we *want* to use a bounce shot, we switch
polarization sense on one end of the link which suppresses the direct
signal and enhances the reflected signal. Otherwise we use the same
sense on each end and get bounce suppression. We can switch to vertical
polarization if he goes to the omni, though as I mentioned that creates
all sorts of ghosting problems. We can use horizontal polarization at
the receive site too, but that isn't useful with the chopper. It works
well with a van, though, when they need to knife edge over a building
or mountain to get a signal to us.

The receive sites use 6 foot dishes on tracking mounts. These are
located on the highest points we can find. One is 30 feet from the
top of our transmitting tower, another is on the roof of the tallest
downtown building, and two more are on nearby mountain tops. These
all used to link back to the studio on 7 GHz fixed microwave links,
but two of them are on fiber now.

>When I asked him about moving helicopters (the infamous bronco following
>helicopter in LA, for example) he said that an alternative is to have
>another stationary helicopter relay the signal.

Two choppers? Ouch, that would be expensive. We can track a moving
chopper fairly well if the pilot is good, IE he often has to crab

in order to keep the antenna aligned. We do traffic video that way every day. We do have receive sites that are along the major expressways, so he's usually flying toward or away from one and can use the fore or aft antenna. If he's off the main routes, though, he has to crab if he wants to move and keep the antenna aligned at the same time. Our pilot *hates* to hover, which sometimes drives us crazy when we want to use him as a relay for a stationary van, but he likes crabbing along, which makes his usual stuff, and working with a motorcycle, easy.

The transmission engineer's life can get hectic. During a newscast, we may have 5 vans, a portable or two, and flutterbug all trying to get into 4 sites at once. Since our 8 channels have to be shared with the other stations in town, that's another layer of complication as their units are trying to get into their receive sites at the same time too. The engineer is often seen with two phones pressed to his ears while screaming into the two way and listening to the whining of the show producer over the intercom as he commands the remote sites, juggles the remote transmitters up and down, and coordinates with his opposite numbers at the other stations. And then there are the satellite remotes he has to bring in too. The 1000 count bottle of Rolaids on the console is *his*, don't you dare touch it.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

5556. Finding Amateur Radio Clubs

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: "UNITED MUSLIM FORCES"
Message-ID: <54gpt1$c8e@samba.rahul.net>
Source record: 214273

How can I find an amateur radio club near Dallas?

Thanks!

Jay

5557. Re: ���� ����� ��� �� ����...�� ��������...OK !!! ����

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: jack yates <myzr@ldl.net>
Message-ID: <326C08D0.938@ldl.net>
Source record: 214274
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.snowmobiles,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketplace.vinyl,rec.music.makers.guitar.acoustic,rec.music.dylan,rec.music.artists.kiss,rec.motorcycles.dirt,rec.models.rockets,rec.games.video.classic,rec.games.video.advocacy,rec.games.roguelike.nethack,rec.games.frp.misc,rec.crafts.textiles.quilting,rec.crafts.metalworking,rec.collecting.dolls,rec.collecting.coins,rec.boats.paddle,rec.boats,rec.bicycles.racing,rec.bicycles.misc,rec.autos.makers.honda,rec.arts.sf.movies,rec.arts.movies.past-films,rec.arts.marching.drumcorps,rec.arts.bodyart,rec.aquaria.marine.reefs,rec.antiques.radio+phono

John Cheng <ay949@lafn.org> wrote:
>
> 4getit@no.way.com wrote:
> >
> > mot@inter.net.il wrote:

> >
> > >Newsgroups: alt.sex.stories.d
> > >Date: Tue, 17 Sep 96 23:43:02 PDT
> > >From: mot@inter.net.il
> > >Subject: mONEY aND fAST !!!! $$$$ WANNA MAKE MONEY WITH ACTUALLY ALMOST NO COST..UPTO 50,000$$$
> > >X-Newsreader: NEWTNews & Chameleon -- TCP/IP for MS Windows from NetManage
> > >MIME-Version: 1.0
> > >Content-Type: TEXT/PLAIN; charset=US-ASCII
> >
> > >Path: news.NetVision.net.il!news-dc.gsl.net!news.gsl.net!news-peer.gsl.net!news.gsl.net!www.nntp.primenet.com!nntp.primenet.com!news.cais.net!news.us.net!us
> > >From: "S.T.O." <sto@us.net>
> > >Newsgroups: alt.sex.spanking,alt.sex.stories,alt.sex.stories.d,alt.sex.strip-clubs,alt.sex.voyeurism,alt.sex.wanted,alt.sex.wizards,alt.sexual.abuse.recover
> > >Subject: Make Money The Fastest way (90 days)!!!
>
> In addition to Clueless Hackers we can have another low level monster
> running around for our killing pleasure; Pyramid Schem Operator,
> monsters
> should be seen chasing the Operator around the dungeon hacking them to
> pieces.

MY policy is: When a post is addressed to more than 3 Newsgroups, I
don't read it, I mark it as read and go on tho the next post. I do not
comment on it either, unless it is in a manner such as this...

...Kinda like coming in out of the rain; you can't make it go away, but
you can ignore it...

5558. Re: Dealing with Contests

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: David Robbins <ky1h@berkshire.net>
Message-ID: <326C0E1C.432F@berkshire.net>
Source record: 214275

Gary Coffman wrote:
>
> In article <32650198.121E@liant.com> barron@liant.com writes:
> >Howard Watson wrote:
> >>
> >> >Nobody wants to "ruin people's fun" by restricting contesting, but by the
> >> >same token why should my fun be ruined >by< contesting? If a small portion
> >> >of each band were reserved for non-contest stations during contests, I
> >> >believe everyone would be a lot happier.
> >>
> >> >MD
> >>
> >> VERY well put. I myself am planning on giving it a try, but I sure
> >> don't think it should fill every band. I also do not accept the "go
> >> to a WARC band" argument. MANY of the older radios do no have the
> >> WARC bands.
> >>
> >Who shall decide the allowed percentage of the band to be used for the
> >contests? For other activities it's first come, first served. Why
> >should contesting be any different?
>

hows this for an offer from a contester:

this coming weekend we will stay off the warc bands completely. and for
those who can't use the warc bands we will completely avoid the cw
segments
of the other 6 hf bands, and the whole vhf/uhf spectrum(except for
established
packet networks of course). in 4 weeks we will reverse that and avoid
the ssb segments of the 6 hf bands.

thats over 50% of the hf spectrum each weekend, and almost 100% the
other
5 days each week.

--
ky1h@berkshire.net or robbins@berkshire.net
http://www.berkshire.net/~robbins/ky1h.html

5559. Re: ���� ����� ��� �� ����...�� ������...OK !!! ����

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: vif <vfryer@ix.netcom.com>
Message-ID: <326C16DB.31FD@ix.netcom.com>
Source record: 214276
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.snowmobiles,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketplace.vinyl,rec.music.makers.guitar.acoustic,rec.music.dylan,rec.music.artists.kiss,rec.motorcycles.dirt,rec.models.rockets,rec.games.video.classic,rec.games.video.advocacy,rec.games.roguelike.nethack,rec.games.frp.misc,rec.crafts.textiles.quilting,rec.crafts.metalworking,rec.collecting.dolls,rec.collecting.coins,rec.boats.paddle,rec.boats,rec.bicycles.racing,rec.bicycles.misc,rec.autos.makers.honda,rec.arts.sf.movies,rec.arts.movies.past-films,rec.arts.marching.drumcorps,rec.arts.bodyart,rec.aquaria.marine.reefs,rec.antiques.radio+phono

So, what about fly fishing?

If you're looking for flyfishing, try
rec.outdoors.fishing.fly or
rec.outdoors.fishing or
rec.outdoors.fishing.bass

Search the Liszt list of newsgroups if you can't find something you're
interested in.

v

5560. Re: Vanity Callsign Update

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: Michael Herron <GHURRICANE@gnn.com>
Message-ID: <54h61f$456@news-e2b.gnn.com>
Source record: 214277

Yeah, figures, a couple more weeks, they probably all had an in office baby shower to go to or a birthday party, you know those government workers!!

5561. Re: ���� ����� ��� �� ����...�� ��������...OK !!! ����

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: Sascha.Wostmann@Koeln.Netsurf.DE
Message-ID: <54guju$97v@darkwing.piro.net>
Source record: 214278
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.snowmobiles,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketplace.vinyl,rec.music.makers.guitar.acoustic,rec.music.dylan,rec.music.artists.kiss,rec.motorcycles.dirt,rec.models.rockets,rec.games.video.classic,rec.games.video.advocacy,rec.games.roguelike.nethack,rec.games.frp.misc,rec.crafts.textiles.quilting,rec.crafts.metalworking,rec.collecting.dolls,rec.collecting.coins,rec.boats.paddle,rec.boats,rec.bicycles.racing,rec.bicycles.misc,rec.autos.makers.honda,rec.arts.sf.movies,rec.arts.movies.past-films,rec.arts.marching.drumcorps,rec.arts.bodyart,rec.aquaria.marine.reefs,rec.antiques.radio+phono

equus@mindspring.com wrote on Mon, 21 Oct 1996 01:17:06 GMT :

> On Sun, 20 Oct 1996 16:21:44 +0000, Michael - What's YOUR Name?
> <dojammer@coffey.com> wrote:
> >I doubt if you'd be safe from commercial sex site solicitations even at
> >rec.fly-fishing.

> Fly fishing...is that some kind of code phrase?

sure, it's a line of monsters perhaps in a corridor next to a throne room:

A shrieker, a leprechaun called "wanted, dead or alive, $848 reward", a yellow
light, your housecat in the middle of combat against an imp, then a scorpion, a
- beware - mind flayer, another imp, a mountain nymph called "this bastard stole
my Vorpal Blade! Die!" and finally a gremlin. Lets hope there is no water
nearby.

;)

--
Sascha.Wostmann@Koeln.Netsurf.DE
Homepage : http://www.geocities.com/CapeCanaveral/2479
Quote of Today :
Die, die koennen, tun. Die, die nicht koennen, leiten.

5562. Re: Can I use CTCSS decode to do this...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: Lance Halle <lanceh@a.crl.com>
Message-ID: <326C231F.2EE9@a.crl.com>
Source record: 214279

> Yes. The CTCSS signal only keeps the receiver muted when the proper
> CTCSS signal is not present.

What's more, not all repeaters that require a PL to access will TRANSMIT a PL tone. Before buying the decode deck, check with the repeater operators to see if they transmit the PL. Normally PL is below the freq response of the repeater's audio circuits, thus gets filtered out.

KC7FVX

5563. Re: Receiving traffic helicopter signals?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: Mike <miken@dxnet.com>
Message-ID: <326C2015.29EE@dxnet.com>
Source record: 214280
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner

Steve Work wrote:
>
> Armando Stettner (aps@ieee.org) wrote:
>
> : If it is microwave, I suspect it is pretty directional. However, I
> : suspect that it is microwave....
>
> Not necessarily. If it's in a flying helicopter, it would be quite
> expensive to have an antenna on some type of motorized platform which
> would keep it aimed at the home base while in flight. IMO, it would be
> more practical just to broadcast the signal omnidirectionally.

The signal is definitely microwave and is in fact tracked. The antenna
on the helicopter tracks the base. The systems are made by Troll
Industries in Valencia, Ca.

MikeN

5564. Vanity Callsign Update

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: terry murphy ab4vj <cq@postoffice.worldnet.att.net>
Message-ID: <326BEB7D.5901@postoffice.worldnet.att.net>
Source record: 214281

The FCC information specialist said on Oct. 21, 1996 at 9:30EST:
"It will be a least another week and a half to two weeks before any
day one Gate 2 applications are issued callsigns. We are still entering
those applications received on day one."
de ab4vj..for a least another few weeks :-(

--
Terry Murphy Amateur Radio Call AB4VJ email: cq@worldnet.att.net
Proud Member of Franklin County ARC-ARES ab4vj@juno.com
http://www.RTPnet.org/~fcarc/ MircNick: TarHeel

5565. Re: Is the HTX 202 rely as bad as I have been told?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: Duane Anderson <usnret@concentric.net>
Message-ID: <326C3197.4282@concentric.net>
Source record: 214282

I have a Radio Shack HTX-212 mobile 2 meter unit and really like it. It is identical to the Yaesu FT-2200 mobile. It even has all the same buttons and controls in the same places as the Yaesu. The 212 has 10 watts/50 watts out (selectable). It hits every repeater I want it to and has very good audio clarity. I can not complain about this unit at all. I own a Yaesu FT-50R dual band handheld and love that unit equally well. You have to try out a Radio Shack for yourself to know if it is good for you. Dont listen to anyone else's horror stories, find out for yourself.

Duane Anderson
KJ7HO

Mike Anderson wrote:
>
> This month's QST has a review of several popular 2 meter mobiles, including
> the HTX 242. I think that's the number; it replaced the 212. The RS model
> didn't score the best or the worst from what I've read so far.
>
> VY 73, Mike WA8JDW
>

5566. Re: Receiving traffic helicopter signals?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: gary sellani <gsellani@dsp.net>
Message-ID: <326C3B04.388D@dsp.net>
Source record: 214283
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner

Steve Work wrote:
>
> Armando Stettner (aps@ieee.org) wrote:
>
> : If it is microwave, I suspect it is pretty directional. However, I
> : suspect that it is microwave....
>
> Not necessarily. If it's in a flying helicopter, it would be quite
> expensive to have an antenna on some type of motorized platform which
> would keep it aimed at the home base while in flight. IMO, it would be
> more practical just to broadcast the signal omnidirectionally.

The traffic helicoptors in the SF Bay Area are found between 450 and 451 MHZ. KGO is 450.2125MHZ.

5567. Re: When MIKE became MIC

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: markem@primenet.com
Message-ID: <54hfiq$au7@nnrp1.news.primenet.com>
Source record: 214284

I've also heard micrometers referred to as "mikes"...or is it "mics"???

Then again, back in the old days, before capacitors had pF's (puffs) they had mmF's, or mickey-mikes (mickey-mics????), or was it uuF's? But I digress...

Mark AA7TA

In article <01bbbf07$4f1e9060$f03062ce@default>, "David Newkirk" <dnewkirk@nai.net> wrote:
>
>WILLIAM W MUNSIL <wmunsil@aztec.asu.edu> wrote in article
><54dlmi$lae@news.asu.edu>...
>>
>> When Japanese English became prevelant in the US HAM market,
>> that's when.
>> The tradional abbreviation for miucrophone has always been MIKE.
>> The Japanese did not knwo that, so introduced MIC.
>> Not that I'm anti-Japanese, or anything.
>
>*Mike* is not an abbreviation for *microphone*; it's a synonym, a
>full-blown word in existence since the 1920s, that comes from shortening
>and alteration of *microphone*, much in the way that *auto* came from
>*automobile*. Nor is *mic* attributable to the Japanese; it's in the *IEEE
>Standard Dictionary of Electrical and Electronics Terms* as an
>*abbreviation* for *microphone.*
>
>Regards,
>
>David Newkirk, W9VES
>dnewkirk@nai.net
>

5568. MARS Mod for IC751

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: Joesph Fenn <jfenn@spartacus.hula.net>
Message-ID: <Pine.OSF.3.93.961021122711.7717H-200000@spartacus.hula.net>
Source record: 214285

Okay heres the modification to Xmit on all fqcys for the IC751 (not the IC751A).
Remove bottom cover of IC750/751. Locate J3/P29 on logic board (to rear of transceiver). Remove black wire from P-29, use a needle or pin to push connector out of plug. Then cover pin with small piece of heat shrink tubing. Verify that the black wire is connected to R52 as per schematic, Replace bottom cover and away you go. Xmit from 200Khz down to 30Mhc or thereabouts.....
Another mod on same rig to increase power output to 100 watts on 28Mhz.
Remove bottom cover of IC750. Locate R21 on logic board. Either remove it entirely or simply cut this resistor out of the sicruit.
Replace bottom cover.
KH6JF (aka kilroy)

From jfenn@spartacus.hula.net Fri Sep 13 09:30:21 1996Date: Fri, 13 Sep 1996 09:29:27 -1000 (HST)From: Joesph Fenn <jfenn@spartacus.hula.net> ********** ** ** ** KH6JF (kilroy wuz here) ** ** ** **********

5569. Re: Vanity Callsign Update

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: KJ4WH <grpowell@gate.net>
Message-ID: <326C158B.57CC@gate.net>
Source record: 214286

terry murphy ab4vj wrote:
>
> The FCC information specialist said on Oct. 21, 1996 at 9:30EST:
> "It will be a least another week and a half to two weeks before any
> day one Gate 2 applications are issued callsigns.

Well Terry, it looks like I WILL be using those old KJ4WH cards for QSL'ing the 1996 CQ WW DX SSB
contest. I have a few left and I guess this is my way of being told; waste not, want not.

73 and see you soon as (who knows what.)

Gary Powell KJ4WH (for another couple weeks)
Lakeland, Fl.

5570. Re: Need Help Installing My 2-meter Mobile

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: adell@planet.net
Message-ID: <MPG.cd5fd10e83e15cf98969a@news.planet.net>
Source record: 214287

In article <54go2k$7ok@jogging.cyberTours.com>,
gogen@nemaine.com says...
> Hi,Gene N1RCL here. I just purchased a 2-meter mobile rig and need help
> with the installation wiring. The dealer told me to just wrap the
> positive lead around a fuse in my car. This doesn't sound right.
> Besides, how in the heck could I replace the fuse with a thick lead
> attached?? Any help would be appreciated.
>
>
> Thanks,
>

NO NO and NO. Run the wiring (positive and negative)to
the battery. You can probably find the wiring harness
that leads thru the firewall

Make sure both leads are properly fused. VERY
IMPORTANT!!!

MAKE SURE THAT THE RADIO IS OFF BEFORE STARTING THE
CAR. The sudden drain than increase in electrical
power can really do a number on your rig

If you need a temporary fix until then, use the cigar
lighter plug, but don't run the radio at full output.
The wiring won;t handle it very well.

Good Luck
--
Steve - KF2TI (Advanced Class & Damned Proud of IT!)
ARRL LIFE MEMBER

No Code or Know Code...Who Cares??

How can you be in Two Places at Once When You're
Not Anywhere at All??

5571. CQ CQ SKED EME (25 and 26 october)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: "Jean Philippe P." <jpp@pacwan.mm-soft.fr>
Message-ID: <326BBE56.2C5@pacwan.mm-soft.fr>
Source record: 214288

Hello dear OM

The french group will go to activate EME station for the contest, and
over contest the week end of 25 and 26 october. Only the U.H.F.
frï¿½quencies.
******=oOo=******
The date and time is : - Day 25 october (20H00 GMT to 06H00 GMT)
- Day 26 october (20H00 GMT to 06H00 GMT)

The equipment : - ICOM 830 TH
- ANT. 8 x 26 elts UHF
- Amplifier antenna 600 W
- RX amplifier 20 DB for 0.45 NF of noise

The team : - F5IVP (Michel)
- F1IKA (Jean-Michel)
- F1USC (Jean-Philippe)
- F5SDD (David)
- F1LVO (Jean-Franï¿½ois)
And more
Thank you to read my Email, my best 73's and good DX

de F1USC, Jean-Philippe

5572. Re: ** FLEA at MIT ** Sunday 20 October Cambridge MA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: mc@shore.net
Message-ID: <54fkss$3d8@northshore.shore.net>
Source record: 214289
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,sci.electronics.misc,ne.forsale,ne.general,rec.radio.amateur.homebrew

In article <SAM.96Oct20050554@colossus.stdavids.picker.com>,
Sam Goldwasser <sam@stdavids.picker.com> wrote:
>In article <n1istDzBwqJ.FHt@netcom.com> n1ist@netcom.com (Michael L. Ardai) writes:
>
>> It would be nice for people to properly describe the condition of what they
>> sell. But to limit people to only sell working items? That's ridiculous.
>
>Yeh, my best purchases have been of dead things. In fact, much of my audio,
>video, and test equipment was obtained in that condition. The prices are
>generally right! :-)
>
>--- sam
This whole thread is getting ridiculous! If you don't like the deal don't
buy it! Stay home!

Michael Crestohl, KH6KD/W1
mc@shore.net

5573. Re: When MIKE became MIC

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: Michael Herron <GHURRICANE@gnn.com>
Message-ID: <54h650$461@news-e2b.gnn.com>
Source record: 214290

Pardon me, but I'LL stay MIKE. Hi Hi.

5574. Re: Vintage and Ranger

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: Rolfe Tessem <rolfe@ldp.com>
Message-ID: <326BDC19.31DF@ldp.com>
Source record: 214291

Jacob Rice MD wrote:
>
> Hi, I am looking for information on the Ranger and Vintage model
> sailboats. I am not sure but I think the Ranger is only wind controlled.
> If so I wouold like to know the sail plan controlled.
>
> Thank you, Jacob

I have a vintage Ranger and it works fine on all bands. The E.F. Johnson Company also produced a later model called the Ranger II, which had a few minor differences and had built-in PTT, I believe. Occasionally, when making a long transmission, these transmitters could be said to be wind-controlled, but that is at the option of the operator. BTW, what newsgroup did you say this is?

Rolfe
W3VH

--
Rolfe Tessem | Lucky Duck Productions, Inc.
rolfe@ldp.com | 96 Morton Street
(212) 463-0029 | New York, NY 10014

5575. Ham Clubs and/or 2 meter repeaters in Corpus Christi, TX

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: John Webb <"john webb"@hes-hq.com>
Message-ID: <326C57C5.1A06@hes-hq.com>
Source record: 214292

Anyone have knowledge of clubs and/or repeaters in Corpus that covers
South Padre Island??

Thanks,
John Webb N5NCQ

5576. Re: Ham Gear for Sale....

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: cphillips@pobox.com
Message-ID: <54e911$l2c@redstone.interpath.net>
Source record: 214395
Cross-posted to: rec.ham-radio,rec.ham-radio.swap,rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.swap,rec.radio.swap

mwhite@mitre.org (Michael White) wrote:
>> Reason for selling is that I just got married a few months ago and
>> either the Ham Gear or me go.
>"Yeah, my wife said she'd leave me if I didn't get off the radio. Over."

Yep, these are not the newsgroups (especially the new
rec.radio.amateur.boatanchors) to get sympathy for that kind of comment.
You gotta keep your priorities in order. :-)

========= Opinions expressed are solely those of the author ============
Curt Phillips, CEM KD4YU (ex-WB4LHI) | "I think that marriage is a
Engineer/ Writer/ Gadgeteer/ Raconteur| great institution. But who
Chairman, Tarheel Scanner/SWL Group | wants to be in an institution?"
ARRL Life; QCWA; Raleigh ARS; NRA; AEE| --- Groucho Marx
===== cphillips@pobox.com ===== Copyright 1996 All Rights Reserved =====

5577. Re: Best way to learn code?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: mike.anderson@asacomp.com
Message-ID: <54efkc$g6n@news.asacomp.com>
Source record: 214396

Well I learned code the old fashioned way, as a novice beating out the code on
a straight key. It is guaranteed to teach you Morse and you'll have fun.

Good luck. Mike WA8JDW

In article <tedt-1610960622300001@blv-pm100-ip14.halcyon.com>,
tedt@halcyon.com says...
>
>I am ready (again!) to make a full fledged effort to learn code. I have a
>Macintosh computer.
>
>Can anyone suggest a good program. Is Supermorse or Morse academy usable
>on MAC?
>
>Thanks.
>
>
>Ted
>
>--
>Secret for longevity: "Keep moving and don't let 'em get a bead on you".
>
>Web page: http://www.halcyon.com/tedt/

5578. Re: Is the HTX 202 rely as bad as I have been told?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: mike.anderson@asacomp.com
Message-ID: <54efdp$g6n@news.asacomp.com>
Source record: 214397

This month's QST has a review of several popular 2 meter mobiles, including
the HTX 242. I think that's the number; it replaced the 212. The RS model
didn't score the best or the worst from what I've read so far.

VY 73, Mike WA8JDW

In article <jlowmanDzBt4G.8Mq@netcom.com>, jlowman@netcom.com says...
>
>Diback (diback@aol.com) wrote:
>: I am anxeously awaiting my ham ticket, and I'm looking at perspective
>: radios. For a while, I realy liked the HTX 202 from Radio Shack, and I've
>: heard good things about it over 2 meters on my scanner. Resently, a store
>: owner told me that any thing that Radio Shack puts out, is trash, and to
>: get some other brand(he recomended a Standard something or other). Is
>: this true, or did he just want me to get something from his store? Any
>: recomendations for a first radio?
>: Any feed-back would be appreceated.
>
>I'm entirely happy with my HTX-202 and, in fact, bought the HTX-404 for 70
>cm, as a result of overall satisfaction with the 202.
>
>My only complaint is that it has only 12 memories, which puts it at somewhat
>of a disadvantage here in SoCal.
>
>I don't recommend extended warranties; they're a big ripoff. But, you have
>to factor in your own situation in making that decision. My feeling is
>that, at the discounted price I paid ($189.95) during a sale, if it worked
>for a year that was fine; anything more is gravy. If it failed, it would
>give me an opportunity to buy a dual-bander, such as the FT-51R.
>
>73 de Jim - KF6CR
>

5579. Re: Communications in tunnels

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: eugene@loop.com
Message-ID: <54ehj7$bdk@jerry.loop.net>
Source record: 214398

The Metro Rail Subway system in Los Angeles utilizes Fire, Police, and Security repeaters feed into a
common antenna. This antenna is actually a very high loss coax, very wide braid. This cable is strung
throughout the stations and tunnels to provide comminications.

De WB6HRO

5580. Re: ���� ����� ��� �� ����...�� ������...OK !!! ����

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: equus@mindspring.com
Message-ID: <326fceff.1150602@news.mindspring.com>
Source record: 214399
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.snowmobiles,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketplace.vinyl,rec.music.makers.guitar.acoustic,rec.music.dylan,rec.music.artists.kiss,rec.motorcycles.dirt,rec.models.rockets,rec.games.video.classic,rec.games.video.advocacy,rec.games.roguelike.nethack,rec.games.frp.misc,rec.crafts.textiles.quilting,rec.crafts.metalworking,rec.collecting.dolls,rec.collecting.coins,rec.boats.paddle,rec.boats,rec.bicycles.racing,rec.bicycles.misc,rec.autos.makers.honda,rec.arts.sf.movies,rec.arts.movies.past-films,rec.arts.marching.drumcorps,rec.arts.bodyart,rec.aquaria.marine.reefs,rec.antiques.radio+phono

On Sun, 20 Oct 1996 16:21:44 +0000, Michael - What's YOUR Name?
<dojammer@coffey.com> wrote:
>I doubt if you'd be safe from commercial sex site solicitations even at
>rec.fly-fishing.

Fly fishing...is that some kind of code phrase?

5581. Re: Communications in tunnels

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: gfiber@cmc.net
Message-ID: <54ejbr$ec0@news.cmc.net>
Source record: 214400

eugene@loop.com wrote:

>The Metro Rail Subway system in Los Angeles utilizes Fire, Police, and Security repeaters feed into a
>common antenna. This antenna is actually a very high loss coax, very wide braid. This cable is strung
>throughout the stations and tunnels to provide comminications.

>De WB6HRO

Normally it is hardline that has slots cut into the copper shield I forget the proper name of the cable. Andrews used to make it, they may still. You will also see this used in many high rise buildings for better radio reception.

Gary

5582. Re: When MIKE became MIC

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: David Newkirk <dnewkirk@nai.net>
Message-ID: <01bbbf07$4f1e9060$f03062ce@default>
Source record: 214401

WILLIAM W MUNSIL <wmunsil@aztec.asu.edu> wrote in article
<54dlmi$lae@news.asu.edu>...
>
> When Japanese English became prevelant in the US HAM market,
> that's when.
> The tradional abbreviation for miucrophone has always been MIKE.
> The Japanese did not knwo that, so introduced MIC.
> Not that I'm anti-Japanese, or anything.

Mike is not an abbreviation for *microphone*; it's a synonym, a
full-blown word in existence since the 1920s, that comes from shortening
and alteration of *microphone*, much in the way that *auto* came from
automobile. Nor is *mic* attributable to the Japanese; it's in the *IEEE
Standard Dictionary of Electrical and Electronics Terms* as an
abbreviation for *microphone.*

Regards,

David Newkirk, W9VES
dnewkirk@nai.net

5583. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: wmunsil@aztec.asu.edu
Message-ID: <54f1ld$msu@news.asu.edu>
Source record: 214402

I just changed the address on my license and it was NOT renewed
at the same time.
--
I only check this account on weekends.
For faster service, use my juno account.
Bil Munsil n7aou@juno.com

5584. Re: Libel me, Think.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: wmunsil@aztec.asu.edu
Message-ID: <54f2eq$15e@news.asu.edu>
Source record: 214403

Is anyone else tired of hearing (about) Burt?
Several months ago he left RIME.NET and things sure are quiet over there
now.
--
I only check this account on weekends.
For faster service, use my juno account.
Bil Munsil n7aou@juno.com

5585. Re: 'Nother Pro-code Luddite

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: wmunsil@aztec.asu.edu
Message-ID: <54f3vd$dq1@news.asu.edu>
Source record: 214404

What IS a Luddite, anyway?
--
I only check this account on weekends.
For faster service, use my juno account.
Bil Munsil n7aou@juno.com

5586. Re: Receiving traffic helicopter signals?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: slwork@netcom.com
Message-ID: <slworkDzMIx4.90o@netcom.com>
Source record: 214405
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner

Armando Stettner (aps@ieee.org) wrote:

: If it is microwave, I suspect it is pretty directional. However, I
: suspect that it is microwave....

Not necessarily. If it's in a flying helicopter, it would be quite expensive to have an antenna on some type of motorized platform which would keep it aimed at the home base while in flight. IMO, it would be more practical just to broadcast the signal omnidirectionally.

5587. Need JD1BJP QSL info

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-21 00:00:00 UTC
From: kwp@rai.ping.at
Message-ID: <6JHI-P-F-jB@rai.ping.at>
Source record: 214406

Sorry to interfere in rec-radio-amateur.fisher with my request.
Can anyone help me to a correct mailing address of JD1BJP Ogasawara?
The address given by various sources (Shiseki Amano, Kiyose Chchijima,
Ogasawara 100-21) is either incomplete or wrong.
Thanks for your help.
73 de Wolf

Wolf HARRANTH OE1WHC InterNet: kwp@rai.ping.at
Radio Austria International Fido : 2:310/39.44
A-1136 Vienna Packet : OE1WHC@OE1XAB.AUT.EU
Austria/Europe Fax : +43/1/87 87 8-44 04

CrossPoint v3.1 R

5588. Re: RS-10/11 Help

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: ke4krt@radio.org
Message-ID: <54h5fd$e8e@news.radio.org>
Source record: 214293

>Anyone with RS-10/11 experience:
>
> I am having no luck working RS-10/11. I'm using a dipole for receive
>and can hear the beacon with no problem. For the uplink I'm using an
>old ICOM 2m all mode running 15 or 100 watts (I've tried both) into an
>M2 EB-144 eggbeater antenna.
>

Well I have never used the antenna mentioned above. When I was
active on RS-10/11, I use a homebrew 13 ele Yagi-Uda (20' boom). I had
no problem getting into the satellite, on most occations. My guess is your
antenna is the problem. On the times I would work the satellite, I would
switch from high to low power (45 to 10) and could tell very little difference
in my signal (audio wise). I also worked RS-15 with this same antenna. I
sold the 2m all-mode and now a friend of mine has the antenna. I built
that antenna for about $30 and used YO to design it. Good luck!

Phil

5589. Re: New Newsgroup

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: herndon@texas.net
Message-ID: <54h6r9$m7f@news2.texas.net>
Source record: 214294
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

In article <548uk3$5r@news1.mnsinc.com>, bry@mnsinc.com says...
>
>Does anyone know if the new newsgroup:
>rec.radio.amateur.boatanchors
>has got started yet?
>
>E-mail me!
>
>Bry, AF4K

I received this today from the obvious place on the internet. I'm forwarding it to you with the thought you might be interested in this subject.

K5FNI

If a message is ever rejected, please contact the list's owner:
listown@jackatak.theporch.com

For information on this service and how to use it, send the following request in the body of a mail message to listproc@theporch.com:

HELP

All requests should be addressed to listproc@theporch.com.

WELCOME TO THE BOATANCHORS MAILING LIST

We hate to say "welcome" with our hand stuck forward looking for money, but this is important for our survival as a useful resource.

TANSTAAFL (There Ain't No Such Thing As A Free Lunch):
The "boatanchors" list is privately funded and managed, which we feel gives more stability than a site dependent upon an individual's affiliation with an employer or university.

In the interest of keeping it this way, the members of the list have agreed among themselves to help defray the costs of its distribution through annual subscriptions, beginning 15 March 1996, with an annual fee of $12.00.

You will, as a new subscriber, have a "trial" subscription of about four to six weeks, which should give you plenty of time to look us over and make up your mind, as well as time to get your subscription in and processed.

If you find the information and fellowship here useful to you and you want to do your part to ensure the continuation of 'boatanchors'

you may send your subsription of $12.00 (be sure to include your email address on the check) to:

Jack G. F. Hill
P. O. Box 1685
Brentwood, TN 37024-1685

We can also take MASTERCARD, VISA, and AMEX -- FAX your card number and expiration date (with email address) to:
(615) 459-0038
The charge will be from "Delker ELectronics, Inc"

Now, with the business out of the way, on to more about the BoatAnchors mail list...

1. This mailing list is devoted to the discussion of vintage communications equipment, which we fondly refer to as "Boatanchors," and to closely related subjects. The central theme is vintage amateur radio equipment using vacuum tube (firebottle) technology, but we have been known to drift into discussions of such things as entertainment boatanchors, early tuned fgeeder antennas, telegraph keys, classic electronic/radio books and radio history.

** Note **
There are some topics that are too emotionally charged to generate worthwhile posts: in particular, the ARRL, Code versus No-Code, and the Examination Process, are all topics that can be discussed in other forums, and are considered inappropriate for this list. Please do not even *think* about posting about these subjects.

**** Special Note:
Even though we all prefer that there be few or no "rules" we have to have three hard and fast ones:

First, because, in the past, we have encountered problems with ARRL Bulletins being posted to the Boatanchors List, we must ask that you never post an ARRL Bulletin here, even if the subject matter is PRIMO Boatanchors.
Just do NOT do it.

Second, please do NOT ever "ping" the list... There is NO reason to send a test message to the list. If you are encountering delivery problems, please contact:

listown@jackatak.theporch.com

Due to the size of the list, even one or two "pings" result in a very heavy (and unnecessary) load on the list (especially if it is trying to recover from a crash.)

Third, do not discuss list policies on the list. There are other suitable forums available for such discussions, but never is the list an appropriate venue.

2. You will find the accumulated wisdom available here to be an invaluable resource if you have questions about vintage radio operation, maintenance, restoration, or history. If you have knowledge or expertise that can help answer a question, please post your responses. You may think that the answer to a specific question is best directed to the poster via direct e-mail. Sometimes, that is the best approach. But, some of the better threads on this list have been generated by a single question. So, when in doubt, post the response to the group.

3. As in most polite societies, we deplore the use of ANY electronic violence such as flames, personal attacks, and long-winded diatribes of any type. Please be courteous and polite. We think this mailing list has one of the highest signal-to-noise ratios on the InterNet and we want to keep it that way!

4. For sale notices and items wanted are welcome, IF the items are boatanchors and related equipment.

-- For long lists of items, direct them to:
listown@jackatak.theporch.com
so they may be made available to those who want them without burdening the entire list... And,

-- Please do ALL the haggling and negotiating via private e-mail or other means.

-- And, PLEASE do not post an advertisement for a commercial venture whether a newsletter, book, organization, or the like. We agreed long ago that these types of commercial uses of the list were at odds with the spirit and culture of the list. And please note that "commercial" has NOTHING to do with IRS status... it refers to organizations (and individuals) who habitually perform a service or sell something.

5. We ask that you limit the size of your responses, where possible. In particular, the list culture is different from many corporate environments, and the wholesale inclusion of a previously posted message is considered in bad taste when you use the reply function. Please edit the original posting to delete the parts that are not needed to understand your response. That effort will reduce bandwidth and storage requirements which, in turn, will make all subscribers much happier!

For long posts, such as a construction project, listing of military equipment contracts, and the like, please consider sending them to the list owner (listown@jackatak.theporch.com) so they can be posted to the list server for optional downloading, rather than posting a long post to the list as a whole.

6. This is the third incarnation of the Boatanchors mailing list. The original listowner was Jim Lockwood, KM6NK, who began the list at his workplace in August 1992 as a way to find other people who share his interest and passion for "heavy iron." When Jim moved East and

gave up his InterNet access, the reins were transferred to Paul Prescott, N1AAC, who ran the list for about 12 months through the good graces of MIT. In December 1994, "BoatAnchors" found a home on theporch.com with the current listowner, Jack GF Hill, W4PPT.

One of the more interesting things about this list is the fact that most of the original subscribers are still around.

7. The listowner is happy to provide this service via a list processor that supports subscribe, unsubscribe, and subscription delivery option changes and functions via correctly formatted messages. Problems that cannot be resolved by sending e-mail to the list processor should be addressed to:

listown@jackatak.theporch.com

Please *do not* submit such administrative messages to the whole list! Such messages only irritate the readers. If you remember only one thing from this message, remember that a "Help" message to the list processor (listproc@theporch.com) will get you instructions on how to unsubscribe or change your subscription options.

8. Hot Spare Boatanchors List

In order to reduce the affect of host outages at the main list server site such as we all experienced in Fall '94, a "hot spare" list server is set up at boatanchors@beacons.cts.com. It will normally be disabled, but in case of an outage at theporch.com a message will be sent to the list indicating the spare list address is to be used for list postings until the problem is resolved.

The subscription list will be mirrored at the spare site so that the disruption of list traffic will be minimal. The spare site will not be activated unless the outage persists for more than a day. In case of an extended outage of the main list site, subscribe/unsubscribe requests can be handled by the spare site since it runs the same software as the main site. Use the address listproc@beacons.cts.com, list name BOATANCHORS, for such requests.

9. This subscription is available in two formats. The first, also the default is to have each posting to the list mailed to you separately. If you want it like that, you don't have to do anything. The second option is to receive digests which means the messages are collected and mailed out to you only if it exceeds a length limit (approx. 1,000 lines or a time limit (one day). To change to the digest form, sent email to:

listproc@theporch.com

with the following body:

set boatanchors mail digest

If you want to temporarily suspend receiving the list but don't want to
sign off the list, you can set your mail to postpone by sending email
to listproc@theporch.com with the following in the body of the mail:

set boatanchors mail postpone

This will stay in effect until you change your mail status to one of:

ack noack or digest
(ack, the default, reflects your posting to the list back to you;
noack is individual messages, like 'ack' but does NOT send your
own submissions to you;
digest sends a daily compendium of messages, or when there are 1,000
lines of message)

10. Getting the FAQ

If you want to read the FAQ for the boatanchors mailing list please
send email to listproc@theporch.com with the following content:

get boatanchors FAQ

You will receive this via email in a short while.
Please note: the FAQ is about BoatAnchors, the gear, not about the mail list!

11. Again, welcome to Boatanchors!

5590. Re: RS-10/11 Help

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: skerns@mail.talon.net
Message-ID: <54h5rb$8oa@news3.microserve.net>
Source record: 214295

RS-10/11 in addition to the 2M up 10M down mode, is sometime
active with 15M up and 10M down. I have not been active on
the RS birds in some time but it might be possible that
the bird is in the 15M uplink mode when you tried to access it.

In the past I have worked it with as little as 2W out to a Ringo
Ranger, you do not need a lot of power on the uplink!

Good luck on the birds...

73
Steven Kerns N3FTI
skerns2mail.talon.net

In article <326BA92B.7051@corning.com>, bonnettfq@corning.com says...
>
>Anyone with RS-10/11 experience:
>
> I am having no luck working RS-10/11. I'm using a dipole for receive
>and can hear the beacon with no problem. For the uplink I'm using an
>old ICOM 2m all mode running 15 or 100 watts (I've tried both) into an
>M2 EB-144 eggbeater antenna.
>
> When I try to send cw on the robot uplink I hear nothing on the
>downlink frequency. When I just try to send "dits" somewhere in the cw
>passband still I hear nothing.
>
> The radio receives local packet FM and SSB on this antenna, and it
has
>the ground plane option which is supposed to enhanced the signal pattern
>straight up.
>
> a) Is my power too low or too high?
> b) Is there another satellite with a 2m VHF downlink I can listen for,
>to test the antenna?
>
> Any help would be appreciated.
>
>Fraser N3VSM bonnettf@vicon.net

5591. test

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: YourAss@upyours.com
Message-ID: <54h79u$2qs@news.ot.centuryinter.net>
Source record: 214296

test

5592. Legal Action v.s. tech..

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: eplatt@wco.com
Message-ID: <326c317e.6190432@news.wco.com>
Source record: 214297

about a year ago, I had a tech modify a Kenwood TH79AD dual band HT.
After the mod, the third row of the keypad ceased to work. He denied
misdoing the mod, and said the cable from keyboard to CPU tore loose.
I sent it to two techs, one of whihc replaced the keypad, the other
sent it to Kenwood. Kenwood says that it was caused by (Shortened
version is below this text). Anyway, he FUBARE'd the mod. Do I have
any legal action against him? It's a $300 fix from Kenwood. For a $400
radio.
Small Claims Court??
Do I have any recourse? The radio was brand new.

-
We found a lifted solder pad where he made the modification, and it
turns out that there was a wire trace connected to that pad under that
board. There are 4 layers of wire traces embedded in that board, and
he broke a trace that you can't get to or connect to.
-

5593. Re: It's A TUFF Job, But Somebody Has to Do It.....

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: ka0yos@arn.net
Message-ID: <54hcu4$c29@services.arn.net>
Source record: 214298
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <54cj7e$mmo@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net says...
>
>From Amatuer Radio Newline # 1000 comes this tidbit of information to show
>us how our ARRL is working to serve us better.....
>
>> DXCC UPDATE
>
>> In DX, the ARRL's DXCC Desk reports the number of unprocessed
>>applications at the end of August was down to 464 representing 27,814 QSL
>>cards. The desk received 376 applications for endorsements and new awards
>>during July, and 655 applications during August.
>
>> Also in August, DXCC Manager Bill Kennamer, K5FUV, traveled to Tokyo,
>>Japan. There he checked DXCC cards at Ham Fair. Kennamer returned with
>>over 200 DXCC applications, representing over 14,000 QSLs.
>
>Wonder if Old Bill flies First Class or coach ? Join the ARRL NOW and help
>Bill pay his travel expenses......
>
>73, Jim KH2D
>
Gee,

I wonder if all of those yen brought in as DXCC fees could have
covered it? I don't know the current rate structure, but that's at least
$2000 in application fees alone.

A Thought,
Joe ka0yos

5594. Re: FAX SSTV RTTY WEFAX with SoundBlaster: OK!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: Eric Boll <ericboll@comland.com>
Message-ID: <54hkli$ia9@kermit.comland.com>
Source record: 214299
Cross-posted to: alt.ham-radio.digital-voice,es.rec.radio.amateur,fido7.hamradio,rec.radio.amateur,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.shortwave,su.org.ham

Please check with your internet service provider. I am unable to access
the sites mentioned in your article.
Regards,
Eric Boll

5595. Help:repeater from 2 Maxtrac mobiles

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: jhale00659@aol.com
Message-ID: <54hhb0$2ed@newsbf02.news.aol.com>
Source record: 214300

Anyone with information on linking two UHF Maxtrac mobile radios so they will operate as a repeater. I appreciate any info. or recommendations on a repeater controller which will require minimal intrusion into the radio. I have a sufficient power supply and cabinet but I'm not quite sure if the radios can be used as a repeater with minimal or no modifications.

Thanks, John KA4WKS
E-Mail: JHALE00659@aol.com

5596. Heath SB-1400 / Yaesu FT 747 GX modifications

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: wirehead10@tir.com
Message-ID: <54hhmu$nv8@ramp2.tir.com>
Source record: 214301

I own the heath SB-1400 transceiver, and wonder if there are any known mods for this rig. Any help is greatly appreciated!

73,

Chuck
N8DRF

5597. November Sweepstakes Logger for OS/2

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: edwardsw@bga.com
Message-ID: <54hkf1$19q2@news3.realtime.net>
Source record: 214302

Hi,

For Warp'ed contesters out there, I've made available (as freeware) a native OS/2 logger for the November Sweepstakes contest. You can get the latest version
from http://www.bga.com/~edwardsw/SSLog12.zip.

Will Edwards, WA5WZA
edwardsw@bga.com

5598. Re: Need Help Installing My 2-meter Mobile

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: serley19@allinux1.alliance.net
Message-ID: <serley19.845960703@allinux1>
Source record: 214303

adell@planet.net (Steve - KF2TI (Landing, NJ)) writes:

>In article <54go2k$7ok@jogging.cyberTours.com>,
>gogen@nemaine.com says...
>> Hi,Gene N1RCL here. I just purchased a 2-meter mobile rig and need help
>> with the installation wiring. The dealer told me to just wrap the
>> positive lead around a fuse in my car. This doesn't sound right.
>> Besides, how in the heck could I replace the fuse with a thick lead
>> attached?? Any help would be appreciated.
>>
>>
>> Thanks,
>>

>NO NO and NO. Run the wiring (positive and negative)to
>the battery. You can probably find the wiring harness
>that leads thru the firewall

>Make sure both leads are properly fused. VERY
>IMPORTANT!!!

Bad advice, don't fuse your ground lead ever!
If you do and the fuse blows, your rig at best will still ground
itself thru the mounting bracket, at worst thru the antenna coax.
----Steve Erley---Notahamandnotashamed-

>MAKE SURE THAT THE RADIO IS OFF BEFORE STARTING THE
>CAR. The sudden drain than increase in electrical
>power can really do a number on your rig

>If you need a temporary fix until then, use the cigar
>lighter plug, but don't run the radio at full output.
>The wiring won;t handle it very well.

>Good Luck
>--
>Steve - KF2TI (Advanced Class & Damned Proud of IT!)
>ARRL LIFE MEMBER

>No Code or Know Code...Who Cares??

>How can you be in Two Places at Once When You're
>Not Anywhere at All??

5599. [HELP] PTT Microphone Connection Problem...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: lumo68 <s_jhcheong@cais.kaist.ac.kr>
Message-ID: <01bba84b$c9d95e20$12fbf88f@energy8.kaist.ac.kr>
Source record: 214304

I have a old-fashioned CB Rig named PACE-8025.
However I lost the Microphone (4-Pin, PTT Mic.).
Well.. I'm trying to make a mic. with a audio microphone and a toggle
switch.

BUT! I have a BIG problem...

That is, I don't know how to connet the microphone socket.
The socket looks like tihis:

```
+-------+
| 1 2 | 1, 2, 3, and 4 represent the connector.
| |
| 3 4 |
+---+---+

^
|
+------- a protrusion toward inside.
```

#1 doesn't connect to any electronic device on the PBC.
#2 connects to the point marked as <PTT> on the PBC.
#3 connects to the point marked as <GND> on the PBC.
#4 connects to the point marked as <MIC> on the PBC.

When I connect #2 and #3, the TX LED was on!
But I don't know how to transmit my voice signal.
Though I connected #4 and #1, It didn't work!

I need your help.

Please let me know how to solve this BIG problem...

Mail me to: s_jhcheong@cais.kaist.ac.kr

5600. Re: New Newsgroup

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: mc@shore.net
Message-ID: <54i5l7$mui@northshore.shore.net>
Source record: 214305
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc

The boatanchors newsgroup is called rec.radio.amateur.boatanchors - and you subscribe using your newsreader program. The information file that was posted refers to the Boatanchors-List, a fine-business mailing list that has been around since August 1992 and is an excellent resource on the subject. The two are not the same - one is a mail reflector and the other is a usenet newsgroup.

73,

Michael Crestohl, KH6KD/W1
mc@shore.net

5601. Re: Vanity Callsign Update

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <54i5gv$jpo@lehi.kuentos.guam.net>
Source record: 214306

terry murphy ab4vj <cq@postoffice.worldnet.att.net> wrote:

>The FCC information specialist said on Oct. 21, 1996 at 9:30EST:
>"It will be a least another week and a half to two weeks before any
>day one Gate 2 applications are issued callsigns. We are still entering
>those applications received on day one."
>de ab4vj..for a least another few weeks :-(

>--
>Terry Murphy Amateur Radio Call AB4VJ email: cq@worldnet.att.net
>Proud Member of Franklin County ARC-ARES ab4vj@juno.com
>http://www.RTPnet.org/~fcarc/ MircNick: TarHeel

I hope you guys can hold your breath that long........

5602. FS: manuals/tubes/misc ham stuff

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: dunbar@juno.com
Message-ID: <54i62s$anv@boursy.news.erols.com>
Source record: 214307

I am posting for someone else.

FS:
QST: 1939, 1947, 1950s-1970s.
RCA TV svc manuals, other electronic svc manuals, tube books,
tubes (radio & tv), Bogen amp, Bendix transceiver, misc. ham and
electronic equipment.

David Zarin
301-942-0526

5603. Re: Libel me, Think.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <54ibf3$k6u@lehi.kuentos.guam.net>
Source record: 214308

wmunsil@aztec.asu.edu (WILLIAM W MUNSIL) wrote:

>Is anyone else tired of hearing (about) Burt?
>Several months ago he left RIME.NET and things sure are quiet over there
>now.

No, most of us enjoy hearing from Burt. If you are tired of hearing from him,
click your mouse on RIME.NET, he's not there anymore, remember ?

73, Jim KH2D

5604. Re: FCC 97

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: Stan Vandiver <kd9be@pla-net.net>
Message-ID: <326CCCF2.4E2@pla-net.net>
Source record: 214309

Bernie Skoch wrote:
>
> FCC Part 97 is (or at least used to be--I think it is still) at:
>
> http://www.acs.ncsu.edu/HamRadio/FCC/index.html
>
> 73,
>
> Bernie Skoch, NH6I
> Honolulu

Hi all,

That link that Bernie gave is still there, but it is a 1993 version of
Part 97.
For an updated version (June 1996), point your browser or favorite ftp
program to:

ftp://oak.oakland.edu/pub/hamradio/arrl/infoserv/rib/part97.txt

Best regards,
Stan/KD9BE

5605. 930 Tuner Mod

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: William R Liporace <kb2hun@wizvax.wizvax.net>
Message-ID: <Pine.LNX.3.91.961022090807.21632B-100000@wizvax.wizvax.net>
Source record: 214310

Is there a mod for the TS-930 internal tuner to work in the general coverage part of the radio?? I know the rig is modified for MARS use but the tuner does not. ANy ideas would be helpful. TNX 73 Will

William Liporace KB2HUN kb2hun@wizvax.net
763 Huntingdon Drive KB2HUN @ K2TR (yccc packet cluster)
Niskayuna, NY 12309 KB2HUN @ WA2PVV (NEDA)
518-346-3804 home 518-471-2837 work

5606. Re: Ham Gear for Sale....

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: mjnoble@lucent.com
Message-ID: <54ih35$btt@ssbunews.ih.lucent.com>
Source record: 214311
Cross-posted to: rec.ham-radio,rec.ham-radio.swap,rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.swap,rec.radio.swap

In article <mwhite-1710961335190001@m14494-mac.mitre.org>, mwhite@mitre.org (Michael White) writes:
|> > Reason for selling is that I just got married a few months ago and
|> > either the Ham Gear or me go.
|>
|>
|> "Yeah, my wife said she'd leave me if I didn't get off the radio. Over."

Wife? I had one of those once!

Martin - G8BPV

5607. Re: Need Help Installing My 2-meter Mobile

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct22.123726.22509@ke4zv.atl.ga.us>
Source record: 214312

In article <serley19.845960703@allinux1> serley19@allinux1.alliance.net (Steve-Erley-IDT) writes:
>adell@planet.net (Steve - KF2TI (Landing, NJ)) writes:
>>Make sure both leads are properly fused. VERY
>>IMPORTANT!!!
>
>Bad advice, don't fuse your ground lead ever!
>If you do and the fuse blows, your rig at best will still ground
>itself thru the mounting bracket, at worst thru the antenna coax.
>----Steve Erley---Notahamandnotashamed-

No, always fuse both the positive and the negative at the battery.
This is very important. You can have a vehicle fire, or at least
fry your radio, if you don't fuse the negative and the engine strap
fails. That makes your radio the only return to battery negative
for all vehicle current, including the 200+ amps of starter current.
That'll fry the radio at the least, and possibly start a vehicle
fire. All the manufacturers insist that you fuse the negative for
this reason.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

5608. Re: Pacificon '96

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: shealey@netcom.com
Message-ID: <shealeyDzoKJs.BpB@netcom.com>
Source record: 214313

Hello,
My experience was very different! I tested (and passed!) my Technician VE exam. Having read some ARRL books and this news group, I was informed that many hams were shy, and with some bad apples involved in jamming and CB type broadcasts, there could be expected a certain hesitation about unknown folks at these conventions. So I just introduced myself to a bunch of folks! I met some great men and women with a wide varity of ham interests and I had a lot of fun! I was invited to join some repeater associations and given good advice on rigs and antennas. I met some curmugeons and opininated turkeys too--just like real life! Ham radio is really a cross section of humanity! No, it wasn't as big as a computer convention but it felt like there was room for a newcomer. The first days of fall brought with it the usual Bay Area weather patterns and modern electronics are not cheap but they do everything but mix drinks--no surprise there. I had a good time (and am anxiously awaiting my call sign, :))
YMMV,
73
Steve

August Miller (augustmi@svpal.svpal.org) wrote:
<snip>
: I could go on some more about this, but enough said. I'll never go to
: another Pacificon!
--
shealey@netcom.com
standard disclaimers apply

5609. Re: November Sweepstakes Logger for OS/2

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: jonz@rainbow.rmii.com
Message-ID: <54ile6$rc5@rainbow.rmii.com>
Source record: 214314

Will Edwards (edwardsw@bga.com) wrote:
: Hi,

: For Warp'ed contesters out there, I've made available (as freeware) a native
: OS/2 logger for the November Sweepstakes contest. You can get the latest
: version
: from http://www.bga.com/~edwardsw/SSLog12.zip.

: Will Edwards, WA5WZA
: edwardsw@bga.com

tnx, Will! There just ain't enuf of us discriminating OS/2 users.

73
Jonesy W3DHJ

--
SK

--
Marvin Jones jonz@rmii.com
Gunnison, Colorado

5610. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: rogerjb@ibm.net
Message-ID: <54inep$24vo$4@news-s01.ca.us.ibm.net>
Source record: 214315

In <54f1ld$msu@news.asu.edu>, wmunsil@aztec.asu.edu (WILLIAM W MUNSIL) writes:
>
>I just changed the address on my license and it was NOT renewed
>at the same time.

New policy then. They used to automatically extend your renewal when you
changed addresses.

Roger J. Buffington
W6VZV
rogerjb@ibm.net

USC Law School, Class of '97

"I want to die peacefully, in my sleep, like my Grandfather."
"Not screaming, and in terror, like his passengers."

5611. Re: [HELP] PTT Microphone Connection Problem...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct22.124016.22637@ke4zv.atl.ga.us>
Source record: 214316

In article <01bba84b$c9d95e20$12fbf88f@energy8.kaist.ac.kr> "lumo68"
<s_jhcheong@cais.kaist.ac.kr> writes:
>I have a old-fashioned CB Rig named PACE-8025.
>However I lost the Microphone (4-Pin, PTT Mic.).
>Well.. I'm trying to make a mic. with a audio microphone and a toggle
>switch.
>
>BUT! I have a BIG problem...
>
>That is, I don't know how to connet the microphone socket.
>The socket looks like tihis:
>
>+-------+
>| 1 2 | 1, 2, 3, and 4 represent the connector.
>| |
>| 3 4 |
>+---+---+
>
> ^
> |
> +------- a protrusion toward inside.
>
>#1 doesn't connect to any electronic device on the PBC.
>#2 connects to the point marked as <PTT> on the PBC.
>#3 connects to the point marked as <GND> on the PBC.
>#4 connects to the point marked as <MIC> on the PBC.
>
>When I connect #2 and #3, the TX LED was on!
>But I don't know how to transmit my voice signal.
>Though I connected #4 and #1, It didn't work!
>
>I need your help.

Connect the microphone between 3 and 4 and the PTT switch
between 2 and 3. Note, there are 2 connections to 3. Pin
1 is not used.

Gary

--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

5612. Re: Dealing with Contests

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <54iitn$lff@lehi.kuentos.guam.net>
Source record: 214317

David Robbins <ky1h@berkshire.net> wrote:

>hows this for an offer from a contester:

>this coming weekend we will stay off the warc bands completely. and for
>those who can't use the warc bands we will completely avoid the cw
>segments
>of the other 6 hf bands, and the whole vhf/uhf spectrum(except for
>established
>packet networks of course). in 4 weeks we will reverse that and avoid
>the ssb segments of the 6 hf bands.

>thats over 50% of the hf spectrum each weekend, and almost 100% the
>other
>5 days each week.

Sounds like a plan to me, Dave. See you in CQWW OM.

73, Jim KH2D

>--
>ky1h@berkshire.net or robbins@berkshire.net
>http://www.berkshire.net/~robbins/ky1h.html

5613. Re: HELP: Yaesu FT-708 R

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: A Redshirt <occupant@psyber.com>
Message-ID: <01bbc029$5ebc2000$4ac087cf@occupant.psyber.com>
Source record: 214318
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

You wrote:

Siegfried Rambaum <siram@light.lightlink.com> wrote in article
<Pine.SUN.3.95.961014200041.11153C-100000@light.lightlink.com>...

> I have a Yaesu FT-708 R, which I brought home to the USA from
Germany.
> Unfortunately, on the front panel, the labeling for the three
switches
> below the keypad has fallen off, and I wonder, what these
switches might
> be good for.
>
> I also would need to come by to an operations manual for this
rig.
>
> Thank you for any response in this respect
>
> Siegfried (KB2YVC, DC/KB2YVC, DE8FGO)
>
Well, lemme see here [as he adjusts his head so the
sunlight doesn't blind him as it reflects off of his trusty
bi-focals...]

The switch on the left (or Driver's Side here in the People's
Republic of California) locks out the keypad from fumbling
fingers when whisking the radio up to your ear to see if that
last call was for you.

The switch in the center, the little three position jewel,
has to do with how/where the radio stops when in the
"scan" mode. Left-most will stop on "clear" channels,
center position causes it to stop on "manual", what the
hell ever _that_ is supposed to be good for, and right-most
position will stop when it detects a "busy" channel.

"Busy" or "clear", as used in the aboce context seem to
be pretty much the same as squelch open or closed.

The little switch on the right (Passenger's Side here in
the People's Republic of California - "Bed and Breakfast
for ALL!") sets the frequency step for the scanner - leftmost
for 25 KC steps, and rightmost for 50 KC steps.

Best of luck.

de John
Rocklin, CA
--

5614. Re: Finding Amateur Radio Clubs

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: centrex@radix.net
Message-ID: <326cfbdc.32934842@news1.radix.net>
Source record: 214319

On 21 Oct 1996 21:28:01 GMT UNITED MUSLIM FORCES wrote in
rec.radio.amateur.misc:

>How can I find an amateur radio club near Dallas?

Dallas (Texas, I assume) is a huge city, so finding one shouldn't be a
problem. If no one responds to your posting about a specific club,
try your local Radio Shack for help. Most times they have a listing
of local clubs. Beyond that, most people at Radio Shack are useless
when it comes to Amateur Radio. Most are not licensed, so they don't
know anything more.

73, de Chuck

73, de Chuck Spafford
n3lai@radix.net

5615. Schematic/manual for Precision Sig. Gen E-200

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: Alex Schapira <schapira@lucent.com>
Message-ID: <326D00E7.41C67EA6@lucent.com>
Source record: 214320
Cross-posted to:
rec.antiques.radio+phono,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.electronics.equipment,sci.electronics.repair

I am looking for a schematic or complete manual for a Precision
Signal Generator model E-200. Willing to copy yours, or pay for
copying. Thanks.
-Al Schapira
schapira@lucent.com

5616. Re: Need Help Installing My 2-meter Mobile

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: cgreenha@magnus.acs.ohio-state.edu
Message-ID: <cgreenha.769.326CC1F8@magnus.acs.ohio-state.edu>
Source record: 214321

In article <serley19.845960703@allinux1> serley19@allinux1.alliance.net (Steve-Erley-IDT) writes:
>From: serley19@allinux1.alliance.net (Steve-Erley-IDT)
>Subject: Re: Need Help Installing My 2-meter Mobile
>Date: 22 Oct 96 05:05:03 GMT

>adell@planet.net (Steve - KF2TI (Landing, NJ)) writes:

>>In article <54go2k$7ok@jogging.cyberTours.com>,
>>gogen@nemaine.com says...
>>> Hi,Gene N1RCL here. I just purchased a 2-meter mobile rig and need help
>>> with the installation wiring. The dealer told me to just wrap the
>>> positive lead around a fuse in my car. This doesn't sound right.
>>> Besides, how in the heck could I replace the fuse with a thick lead
>>> attached?? Any help would be appreciated.
>>>
>>>
>>> Thanks,
>>>

>>NO NO and NO. Run the wiring (positive and negative)to
>>the battery. You can probably find the wiring harness
>>that leads thru the firewall

>>Make sure both leads are properly fused. VERY
>>IMPORTANT!!!

>Bad advice, don't fuse your ground lead ever!
>If you do and the fuse blows, your rig at best will still ground
>itself thru the mounting bracket, at worst thru the antenna coax.
>----Steve Erley---Notahamandnotashamed-

Sorry Steve, but the first Steve is correct. Both leads should be fused as close to the battery as possible. What do you think would happen if the radio case or coax sheild would come in contact with an unfused positive power source?

BTW, Kenwoods and Icoms both come from the factory with both leads fused.

Take care.

Christopher K. Greenhalgh, N8WCT
Computer/Electronic Tech. II at The Ohio State University
E-Mail: ckg+@osu.edu (cgreenha@magnus.acs.ohio-state.edu)
AX.25 : n8wct@w8cqk.#cmh.oh.usa.noam

5617. Re: Is the HTX 202 rely as bad as I have been told?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: bb840@scn.org
Message-ID: <DzoxLz.LKx@scn.org>
Source record: 214322

I almost bought one about a year ago. The only thing that stopped me was
the battery that holds the memory information lasts about 5 years, but it
is NOT user replaceable. I've heard that only a few models have a user
replaceable battery. All the rest must go back to the factory for
battery replacement.

In a previous article, mike.anderson@asacomp.com (Mike Anderson) says:

>This month's QST has a review of several popular 2 meter mobiles, including
>the HTX 242. I think that's the number; it replaced the 212. The RS model
>didn't score the best or the worst from what I've read so far.
>
>VY 73, Mike WA8JDW
>
>In article <jlowmanDzBt4G.8Mq@netcom.com>, jlowman@netcom.com says...
>>
>>Diback (diback@aol.com) wrote:
>>: I am anxeously awaiting my ham ticket, and I'm looking at perspective
>>: radios. For a while, I realy liked the HTX 202 from Radio Shack, and I've
>>: heard good things about it over 2 meters on my scanner. Resently, a store
>>: owner told me that any thing that Radio Shack puts out, is trash, and to
>>: get some other brand(he recomended a Standard something or other). Is
>>: this true, or did he just want me to get something from his store? Any
>>: recomendations for a first radio?
>>: Any feed-back would be appreceated.
>>
>>I'm entirely happy with my HTX-202 and, in fact, bought the HTX-404 for 70
>>cm, as a result of overall satisfaction with the 202.
>>
>>My only complaint is that it has only 12 memories, which puts it at somewhat
>>of a disadvantage here in SoCal.
>>
>>I don't recommend extended warranties; they're a big ripoff. But, you have
>>to factor in your own situation in making that decision. My feeling is
>>that, at the discounted price I paid ($189.95) during a sale, if it worked
>>for a year that was fine; anything more is gravy. If it failed, it would
>>give me an opportunity to buy a dual-bander, such as the FT-51R.
>>
>>73 de Jim - KF6CR
>>
>
>

--
Jim Aeschliman bb840@scn.org

Black Diamond, Washington KD7MK

5618. Re: Code or No Code...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: WCDEM <wcdem@az.com>
Message-ID: <326D1EFD.61B5@az.com>
Source record: 214323

Guys, if you can't refrain from calling each other names, that is a good indication that the "debate" has degenerated to the point that it is pointless to continue. Stop wasting bandwith.

5619. Re: Receiving traffic helicopter signals?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: NewsRadio <jmckay@interlog.com>
Message-ID: <326D63C0.7DEC@interlog.com>
Source record: 214324
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner

gary sellani wrote:
>
> Steve Work wrote:
> >
> > Armando Stettner (aps@ieee.org) wrote:
> >
> > : If it is microwave, I suspect it is pretty directional. However, I
> > : suspect that it is microwave....
> >
> > Not necessarily. If it's in a flying helicopter, it would be quite
> > expensive to have an antenna on some type of motorized platform which
> > would keep it aimed at the home base while in flight. IMO, it would be
> > more practical just to broadcast the signal omnidirectionally.

Nope, they are directional antennas and they are microwave. A number of companies manufacture them with radomes over the antenna though, so you cant see the moving parts. On the tower, usually the broadcast tower, the receive antenna also tracks the helicopter. Its quite a complex system with control equipment that keeps the two antennas aligned.

>
> The traffic helicoptors in the SF Bay Area are found between 450 and 451
> MHZ. KGO is 450.2125MHZ.

Your thinking of the Radio broadcast. Or perhaps the tv audio from the cameraman is sent on the 450 frequencies. All the video is up in the M/W portion.

--

The Canadian Broadcast Directory
and Broadcast Engineering Page:
http://www.interlog.com/~jmckay
Southern Ontario Storm Chasers/Canwarn Page:
http://www.interlog.com/~jmckay/chaser.htm

5620. FS : ALINCO DR 130 T, 2 meter rig - $175.00 !

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: dconti@carroll.com
Message-ID: <Dzp3C9.MG8@news2.new-york.net>
Source record: 214325
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

ALINCO DR 130 T 2 meter mobile rig for sale, in box with all hardware, mountng brackets, manual - MINT, ourchased 5/96, also includes the optional PL decode board installed.

$175.00 plus shipping charges.

E-Mail if interested
dconti@carroll.com
Compuserve - 71242,1774 Amateur Radio - N2TYB
Ridgefield, New Jersey

5621. Re: 'Nother Pro-code Luddite

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: carl@ais.net
Message-ID: <54jda0$i62@news.ais.net>
Source record: 214326

In <54f3vd$dq1@news.asu.edu>, wmunsil@aztec.asu.edu (WILLIAM W MUNSIL) writes:
>
>What IS a Luddite, anyway?

A person/group who thinks that machinery, technical progress, and the
like are bad things and who resists/opposes/tries to hinder such things.

Check out : http://www.siam.org/siamnews/bookrevs/0596031.htm

Can also accurately be used to refer to pro-code fanatics who insist
(despite the overwhelming body of technical evidence to the contrary)
that "CW is best and gets through where nothing else will."

Carl - wa6vse
carl@ais.net

5622. SDP-600 Personal Autopatch by ZETEL

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: Dirk@from.net
Message-ID: <326d47c3.0@pgh.nauticom.net>
Source record: 214327

I own a ZETEL SDP-600 personal autopatch that I picked up used at a hamfest. The guy guaranteed it to work and gave me all the information including the original operation manual. In various articles I have seen in 73, QST, Radio and several other Ham radio related publications, it states in the advertisement that the unit is 'immune to power failures' via an EEPROM chip.

I can program the unit without any difficulty, but when the power goes out... so does the programming information. I need to re-enter all of the security codes, the ID, etc. etc. Does anyone have a clue as to why this is happening? Other than this, the unit functions fine.

Please respond via EMAIL if possible, as I do not get half of the posts because of my crummy ISP's servers or their feed. Thanks.

-Dirk N3TTI

Email: dirk@nauticom.net

"A seminar on time travel will be held two weeks ago..."
;) 73s

5623. (none)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: mobrien@lib.drury.EDU
Message-ID: <9610222003.AA34030@lib.drury.edu>
Source record: 214328

```
subscribe boatanchors
Mike O'Brien (mobrien@lib.drury.edu)
```

5624. Big HAM Sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: Butch Kraus <bkraus@inwave.com>
Message-ID: <326D4DB4.2A32@inwave.com>
Source record: 214329

>My girlfriend said the equipment or me. So here's the equipment for
> >sale.
>
> >Scanner Uniden BC890XLT $235
> >Scanner Uniden BC200XLT $175
> >Transceiver Kenwood 440AT $800
> >Transceiver Icom 735 $650
> >Transceiver Kenwood TM231 $250
> >Transceiver Icom 2GAT $300
> >Transceiver Kenwood TH78A $375
> >Antenna Tuner Icom AT500 $350
> >Amplifier Icom IC2KL $1250
> >Power Supply Astron IRS 35A $125
> >Antenna Telex/Hy-Gain TH5Mk2 (New in box) $450
> >TNC AEA PK-232MBX $250
> >Frequency Counter Optoelectronics Portable 2810 $300
> >Heil Microphone/ Kenwood connection & stand $130
> >
> >Let me know.
>
> Butch,

5625. 3000+ Vintage Manuals Available at sarrio.com

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-2210961653070001@host35.cyberg8t.com>
Source record: 214330

If you need a source for vintage radio manuals Ham/scanner/military/and commercial visit "The Raymond Sarrio Company" web site at http://www.sarrio.com. I have over 3000 manuals listed on-line. I can normally get manuals shipped within 2 business days, and I guarantee 100% customer satisfaction. 73's Ray
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront and web site developer. Located at http://www.sarrio.com.

In association with Brillar Enterprises http://win-win.com/brillar provider of discount CD-Roms!
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront and web site developer. Located at http://www.sarrio.com.

In association with Brillar Enterprises http://win-win.com/brillar provider of discount CD-Roms!

5626. New online survey asks--->Why aren't you an ARRL member?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-2210961723590001@host35.cyberg8t.com>
Source record: 214331

The ham Poll at (www.sarrio.com) shown below asks a new question for the
month of October:

Why Have You Not Chosen To Join The ARRL?

Most recent resent results as of 10/22/96

Less than 1/3 of all ham radio operators are members of the ARRL. The
question for this month is directed to
those of you who are not members.

From the list of possible reasons below, select the reason that best
describes why you have not chosen the join
the ARRL.

The results:

The dues are too high. |********** 16
Their Ham policy positions are not close to mine.|********** 14
They are too closely tied to ham commercial interests. |** 2
I was not treated well by one of their representatives.|*** 3
I just haven't gotten around to it. |********* 9

Total votes displayed: 44
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront and web site developer. Located
at http://www.sarrio.com.

In association with Brillar Enterprises http://win-win.com/brillar provider of discount
CD-Roms!

5627. Think about it , THE TRUTH HURTS !

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: "Matthew A. Erickson" <kk5dr@io.com>
Message-ID: <326D75FE.3D88@io.com>
Source record: 214332

14.313 mhz
This amatuer frequency is a gapeing wound on amatuer radio ! And all thos=
e persons whom continue the festering, & insight the discord, should be a=
shamed of themselves. You show Ham radio in a very poor public image, and=
cause a foul PR problem. =

Then there are those whom use it as a public toilet, or a podium for you=
r self-pontifacation. This is equally as offensive as the day to day abus=
es. I guess that you don't even realize that the things you do there are =
seen by SWL's & hams, the world over, but I guess you don't really care a=
bout amateur radio or what happens to it.
These actions only give those who wish to aquire ham frequency spectrum,=
more ammunition to fight with. If this type of offensive activity conti=
nues, ham radio on HF, as we know it now, will go away. =

I don't know who. or why the B.A.R.F.(Better,Amatuer,Radio,Federation), =
came to be. It's my guess that their "GOD", KV4FZ(Herbie), runs this "org=
anization". I have heard their "doctrine", they would be better call; Big=
gots,And,Radio,Fascits). The members of this "group", seem to be intent o=
n "taking" by force, this frequency, from whom ever is on it, at any time=
of day. On the other end of the rainbow, you have guys(whom I will not n=
ame), that I refer to as "Super-Jews", that do mortal combat on the airwa=
ys, and over the phone-lines. They are locked in a struggle against the B=
ARF bigots(anti-Semites). This type of action, also wounds amateur radio.=

Enough about the "lesser" groups inhabiting 14.313. The greater problem=
s of this frequency, are "Jammers, interference, unidentified stations, e=
tc. (I wouldn't want to be heard on this freq. either.) The more persons =
that "try" to clean it up, the more they fan the fire. These "idiots", fe=
ed on attention, & revel in the limelight, and having their efforts ackno=
wledged. I know that there are a few hams out there that have tried to fi=
ght the "idiots", but you will never win, as long as you give them what t=
hey want, ignore them, IGNORE THEM, IGNORE THEM, pretend that they don't =
even exist. I encourage all hams to not use that freq., don't talk to any=
one that does, give them NO AUDIENCE, no listeners, no fuel, no food, no =
ammo. With nobody to talk to or listen, these "creeps", will fade away, l=
ose interest, give up. This is the only way to deal with "jammers", or QR=
MMERS as they are often called. =

It's a sad day for amateur radio when these type of things are happening=
, it's hard to say why it has come to be. =

I, personally have heard many "older" hams acting in this ill-mannered w=
ay, these guys/OT's should know better than this, the older guys should b=
e teaching the younger hams "the art" of operation on ham radio, but they=
have gone "crazy" or something, they act like spoiled little children, b=

itching & jamming when anyone "dares" get near "their" frequency. As far =
as I know the FCC's rules state that "No stations have sole rights to ope=
rate on any frequency, when an existing contact occupies that frequency."=
There is the problem, even when the said frequency is quiet, and no stat=
ions are heard, these OT's think that nobody that is not a member of thei=
r "group", should be allowed to use it. The same goes for "NET" freq's, i=
f you dare make a contact anywhere within 5 khz of "The (God's gift) to a=
mateur Radio Net" freq. they turn into a bunch of Jammers, throwing carri=
ers & noise on the offending operators. This makes them as bad as any oth=
er jammer.
The more ill-manners, bad operation, jamming, and over-all poor operatio=
n, that continues, the less likely it will be that we can "justify" the s=
pectrum that hams use.
"Abusive language, in the name of "Free speech", is an abomination."
We need to put the "SERVICE", back into the AMATEUR RADIO SERVICE, and t=
he Manners back into our operations, without it, there is no difference b=
etween Hams and CBer's
=

Matt/KK5DR
Sept.8,1996

5628. Re: Is the HTX 202 rely as bad as I have been told?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: jschelmb@dialnet.net
Message-ID: <54jha2$rtd@news.dialnet.net>
Source record: 214333

I bought an HTX-202 for my first radio also. I used it base, mobile,
and portible and really liked it alot, but it was not long before I
was ready to upgrade. My advice is that if you have the money to
begin with go ahead and get a top of the line radio. However if yo
can't afford or just don't want top of the line than an HTX-202 would
make a good radio.

mike.anderson@asacomp.com (Mike Anderson) wrote:

>This month's QST has a review of several popular 2 meter mobiles, including
>the HTX 242. I think that's the number; it replaced the 212. The RS model
>didn't score the best or the worst from what I've read so far.

>VY 73, Mike WA8JDW

>In article <jlowmanDzBt4G.8Mq@netcom.com>, jlowman@netcom.com says...
>>
>>Diback (diback@aol.com) wrote:
>>: I am anxeously awaiting my ham ticket, and I'm looking at perspective
>>: radios. For a while, I realy liked the HTX 202 from Radio Shack, and I've
>>: heard good things about it over 2 meters on my scanner. Resently, a store
>>: owner told me that any thing that Radio Shack puts out, is trash, and to
>>: get some other brand(he recomended a Standard something or other). Is
>>: this true, or did he just want me to get something from his store? Any
>>: recomendations for a first radio?
>>: Any feed-back would be appreceated.
>>
>>I'm entirely happy with my HTX-202 and, in fact, bought the HTX-404 for 70
>>cm, as a result of overall satisfaction with the 202.
>>
>>My only complaint is that it has only 12 memories, which puts it at somewhat
>>of a disadvantage here in SoCal.
>>
>>I don't recommend extended warranties; they're a big ripoff. But, you have
>>to factor in your own situation in making that decision. My feeling is
>>that, at the discounted price I paid ($189.95) during a sale, if it worked
>>for a year that was fine; anything more is gravy. If it failed, it would
>>give me an opportunity to buy a dual-bander, such as the FT-51R.
>>
>>73 de Jim - KF6CR
>>

5629. Re: 'Nother Pro-code Luddite

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: garyn@tir.com
Message-ID: <326d50b1.1405181@news.tir.com>
Source record: 214334

On 22 Oct 1996 21:11:28 GMT, carl@ais.net (Carl Stevenson) wrote:

:>In <54f3vd$dq1@news.asu.edu>, wmunsil@aztec.asu.edu (WILLIAM W MUNSIL) writes:
:>>
:>>What IS a Luddite, anyway?
:>

I believe the actual term 'Luddite' stems from a group of British
textile trade unionists (named Luddites) who in the early 1800's
destroyed some textile machinery in the belief that it would put them
out of work and also in the belief that they could stop progress. It
seems quite appropriate for the Pro-Code group.

:>
:>A person/group who thinks that machinery, technical progress, and the
:>like are bad things and who resists/opposes/tries to hinder such things.
:>
:>Check out : http://www.siam.org/siamnews/bookrevs/0596031.htm
:>
:>
:>Can also accurately be used to refer to pro-code fanatics who insist
:>(despite the overwhelming body of technical evidence to the contrary)
:>that "CW is best and gets through where nothing else will."
:>
:>Carl - wa6vse
:>carl@ais.net
:>
:>
:>

Gary
E-Mail: garyn@tir.com
"life is what happens while you're busy making plans"

5630. Attention OPDX Subscribers!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: kb8nw@barf80.nshore.org
Message-ID: <102296201954Rnf0.79b6@barf80.nshore.org>
Source record: 214335
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.dx,rec.radio.info

ATTENTION OPDX InterNet Subscribers!

This is a special announcemnet for those who are InterNet subscribers
to Ohio/Penn DX Bulletin to let them know that they are NOT removed
or unsubscribed from the mailing list (which contains close to 1000
addresses). We are currently experiencing a technical problem with
our ISP (InterNet Service Provider) and hope to have it corrected
soon. Please be patient and pass the word around. The bulletin
can be found on your local PacketCluster or several different UseNet
groups (to name a few rec.radio.amateur.misc, rec.radio.amateur.dx
and rec.radio.info) and WEB sites.
(OPDX Home Page http://www.en.com/users/k8yse/opdx.html).

73 de Tedd KB8NW (Editor of the OPDX)

Tedd Mirgliotta KB8NW
InterNet: kb8nw@barf80.nshore.org
Basic Amateur Radio Frequency BBS (BARF-80) +1 216/237-8208
"Totally devoted to Amateur Radio" - 24 Hrs a day 8/N/1 14.4k-300 baud

5631. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: Duane Anderson <usnret@concentric.net>
Message-ID: <326DA0AD.3FD@concentric.net>
Source record: 214336

...they "used" to renew with address changes and upgrades is the keyword here. They stopped doing that about 2 years ago. Now renewals will happen every 10 years no matter what.

Duane,
KJ7HO

rogerjb@ibm.net wrote:
>
> In <54f1ld$msu@news.asu.edu>, wmunsil@aztec.asu.edu (WILLIAM W MUNSIL) writes:
> >
> >I just changed the address on my license and it was NOT renewed
> >at the same time.
>
> New policy then. They used to automatically extend your renewal when you
> changed addresses.
>
> Roger J. Buffington
> W6VZV
> rogerjb@ibm.net
>
> USC Law School, Class of '97
>
> ---
> "I want to die peacefully, in my sleep, like my Grandfather."
> "Not screaming, and in terror, like his passengers."
> ---

5632. Re: Is the HTX 202 rely as bad as I have been told?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: Duane Anderson <usnret@concentric.net>
Message-ID: <326D9F59.1D32@concentric.net>
Source record: 214337

James:
When I bought my HTX-212, I also bought an extended warranty with it
good for 6 years...when the memory battery goes out, then I will let
Radio Shack "fix" it for me under the warranty, (or they can give me a
NEW one; I wont mind).

Duane.

James Aeschliman wrote:

> I almost bought one about a year ago. The only thing that stopped me was
> the battery that holds the memory information lasts about 5 years, but it
> is NOT user replaceable. I've heard that only a few models have a user
> replaceable battery. All the rest must go back to the factory for
> battery replacement.

5633. Manual for FT757GXII

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: t.dreymann@n25.elmshorn.netsurf.de
Message-ID: <6JNHlvaC2fB@n25.elmshorn.netsurf.de>
Source record: 214338

I m looking for a service manual for the ft757gxII. This tranceiver also
working with a cat system and so I interesting for any programs and
manuals about it.
If you have, please contact me via EMail.

Thomas Dreymann, DH8LAT, Kï¿½nigsbergerstraï¿½e 7c, 25548 Kellinghuse, Germany
EMail: t.dreymann@elmshorn.netsurf.de

^

5634. FS: C Band Feed Horn and 30 degree LNB Package

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: dwhowell@iamerica.net
Message-ID: <54jjg5$jhq@news1.iamerica.net>
Source record: 214339
Cross-posted to: rec.video.satellite.tvro,rec.radio.swap,rec.radio.amateur.misc

For Sale,
Complete electronics package. C band Feed Horn and 30 degree LNB.
Good shape. Get clearier pictures on your system. $75 + Shipping for
the package.

email dwhowell@iamerica.net

5635. Re: Finding Amateur Radio Clubs

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: ac6v <ac6v@popd.ix.netcom.com>
Message-ID: <326D73A4.5315@popd.ix.netcom.com>
Source record: 214340

Chuck Spafford wrote:
>
> On 21 Oct 1996 21:28:01 GMT UNITED MUSLIM FORCES wrote in
> rec.radio.amateur.misc:
>
> >How can I find an amateur radio club near Dallas?
>
> Dallas (Texas, I assume) is a huge city, so finding one shouldn't be a
> problem. If no one responds to your posting about a specific club,
> try your local Radio Shack for help. Most times they have a listing
> of local clubs. Beyond that, most people at Radio Shack are useless
> when it comes to Amateur Radio. Most are not licensed, so they don't
> know anything more.
>
> 73, de Chuck
>
> 73, de Chuck Spafford
> n3lai@radix.net

Try this web page for Dallas Area Amateur Radio Clubs at URL

http://www.texoma.com/fcarc/clubs.htm

73
Rod in San Diego

PS I used Meta Crawler Search Engine to find this.
--
AC6V DX Reference Page at: http://www.netcom.com/~ac6v/index.html

Hark for I have hurled my words to the far reaches of the earth!
What King of old could do thus??
..... AC6V

5636. Re: Finding Amateur Radio Clubs

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: dvhunt@es.com
Message-ID: <54j2s6$jmh@escc.corp.es.com>
Source record: 214341

In article <326cfbdc.32934842@news1.radix.net>, centrex@radix.net (Chuck Spafford) writes:
> On 21 Oct 1996 21:28:01 GMT UNITED MUSLIM FORCES wrote in
> rec.radio.amateur.misc:
>
> >How can I find an amateur radio club near Dallas?
>
> Dallas (Texas, I assume) is a huge city, so finding one shouldn't be a
> problem. If no one responds to your posting about a specific club,
> try your local Radio Shack for help. Most times they have a listing
> of local clubs. Beyond that, most people at Radio Shack are useless
> when it comes to Amateur Radio. Most are not licensed, so they don't
> know anything more.

That's an understatement, Chuck.

You're lucky if a Radio Shack employee recognizes the words "resister" or "diode." I _do_ think that most of them know what a battery is, tho.

(I think Radio Shack has a lack-of-education requirement for hiring. If you know too much, you're outa there! And what do they pay at Radio Shack, anyway? $3.25 per hour?!)

> 73, de Chuck
>
> 73, de Chuck Spafford
> n3lai@radix.net

de Darvell (KE7GW) ("In a Monday mood.")

--
Darvell D. Hunt dvhunt@es.com
Evans & Sutherland Computer Corp.
Salt Lake City, Utah

5637. Re: SCREW THE CODE!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <54hrad$oca@news.Hawaii.Edu>
Source record: 214342

In article <546bnr$dsa@news.ais.net>, Carl Stevenson <carl@ais.net> wrote:
>Jim ... all one has to do is look/listen to the bands ... there is no
>way to dispute the fact that the vast majority of the technology in use
>dates back to at least the 1950s ... some of it (Morse code) to the
>early 1800s ...

Communicating by voice dates back to prehistory. Yet you use a voice
mode to yack on the vhf rptrs, Gargle.

>ham radio has been left stagnating in the past as the
>rest of the world has strode forward in great leaps and bounds ... the
>fact that you have no understanding of (or desire to learn about) modern
>communications technology does NOT change the reality that you refuse to
>accept ...

You're part of the problem, Gargle. You won't put that dang HT away.

>No ... despite your aversion to reality, we are a service with a hobby
>aspect ...

Ah - you used the H-word again. Up until now you've been denying that
there was any hobby aspect about AR. You're finally starting to break.

>Carl - wa6vse
(Tech+ for 21 years)

Jeff KH2PZ

5638. Re: Finding Amateur Radio Clu

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-22 00:00:00 UTC
From: clint.bradford@atdbbs.com
Message-ID: <9610220746295542@atdbbs.com>
Source record: 214343

>>How can I find an amateur radio club near Dallas?

Fastest way? Look in the Yellow Pages for a local Amateur Radio dealer -
call 'em and ask!

5639. Re: LOOKING for Burt VE1AMA

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: ve9dx@nbnet.nb.ca
Message-ID: <54l7pq$1hc_001@nbnet.nb.ca>
Source record: 214208

```
In article=20
<54c3df$pn
j@boursy.n
ews.erols.
com>,=20
intergen@u
sa.net=20
(Bob)=20
wrote:
I have not=20
been able=20
to get to=20
Burt from=20
the last=20
e-mail=20
address I
had for=20
him. If=20
anyone=20
knows him=20
or sees=20
him on=20
"NETWORK=20
105".=20
14.105
packet,=20
please=20
pass this=20
message to=20
him.

Thanks es=20
73's

de Bob,=20
W4GBB
=20
----------
----------
----------
----------
----------
----------
!=20
FOR YOUR=20
```

FREE WEB=20
PAGE WITH=20
NO=20
INVESTMENT=20
REQUIRED=20
CHECK !
!=20
MY HOME=20
PAGE AT: =20
=20
=20
=20
!
!=20
=20
http://mem
bers.tripo
d.com/~w4g
bb/index.h
tml =20
!
!=20
=20
+++"Let=20
the=20
INTERNET=20
work for=20
YOU". +++=20
!=20
=20

5640. Re: www.hamradio-online.com: Is Ham Radio Still Relevant?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: dave@fgh.fgh.oz.au
Message-ID: <DzqC71.I5w@fgh.fgh.oz.au>
Source record: 214209
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.amateur.homebrew,rec.radio.scanner,rec.radio.shortwave,aus.radio.amateur.misc,aus.radio.amateur.digital

Get this massive cross-post out of aus.radio.amateur.*, or get it cancelled.

--
Dave Horsfall VK2KFU dave@fgh.oz.au Ph: +61 2 9957-4224 Fx: +61 2 9922-5286
FGH Decision Support Systems P/L, 77 Pacific Hwy, Nth. Sydney, 2060, Australia

5641. FYI: Updated DX Reference Guide

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: ac6v <ac6v@popd.ix.netcom.com>
Message-ID: <326E255D.D2D@popd.ix.netcom.com>
Source record: 214210

Some recent addition to the AC6V Reference Guide include links or info to:

Beacons 1.8 MHz to 10 GHz!!; List of CQ Zones; Upcoming & past DXpeditions; SSTV Pages; Top DXers Award; Added DX/Contest Clubs; Swan Radio Manuals and Repair(see Mfgrs); USA AM & FM Data; Antique Radios including the Boat Anchor Page, Collins Page, and an incredible page on Telegragh Keys. Also don't miss the top CW speed awards on CW Enthusiasts!

73
Rod in San Diego
--
AC6V DX Reference Page at: http://www.netcom.com/~ac6v/index.html

Hark for I have hurled my words to the far reaches of the earth!
What King of old could do thus??
..... AC6V

5642. FS: Heathkit Technical Bulletins

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: Chuck Penson <penson@sci.mus.mn.us>
Message-ID: <326E3E39.5271@sci.mus.mn.us>
Source record: 214211

Heathkit Technical Bulletins
* Covers complete years: 1966 to 1979 (1977 missing).
* About 1000 pages on standard 4 x 6 microfiche.
* $20 plus $3 shipping.
* Satisfaction guaranteed.

Heathkit Technical Bulletins were the company's own private "Hints and Kinks" publications distributed for use by Heath technicians around the country. Technical Bulletins were compiled from notes by factory techs as well as techs in Heathkit stores nationwide, and contain thousands of fixes, modifications, and hints for kits spanning Heath's entire product line. Everything from TV and stereo to ham gear and general products.

There are nearly 1000 pages of Technical Bulletins dating from 1966 to 1979. Note: 1977 is missing from this group but will be supplied free of charge to those who purchase a set, if and when I discover a copy.)

This low-tech fiche format is inexpensive, reliable, and easy to use. Fiche readers are cheap and plentiful.

If you need additional information please write or call.

Thanks!

--
Chuck Penson
WA7ZZE

penson@sci.mus.mn.us
612.221.4510 voice
612.224.5092 fax
http://comped.sci.mus.mn.us

Standard Disclaimer: The opinions expressed are etc. etc. ...

"Nothing is too wonderful to be true" -- Michael Faraday

5643. Re: 'Nother Pro-code Luddite

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct23.135708.27038@ke4zv.atl.ga.us>
Source record: 214212

In article <54f3vd$dq1@news.asu.edu> wmunsil@aztec.asu.edu (WILLIAM W MUNSIL) writes:
>
>What IS a Luddite, anyway?

A follower of Ned Lud, a 17th century socialist rabble rouser. Bands
of Luddites invaded English mills from 1811 to 1813 smashing steam looms
because they feared that their livelyhood, hand weaving, would be destroyed
by the labor saving devices. Of course they were right, the steam loom did
replace cottage weaving. Many of them wound up testing the tensile strengh
of fine hemp ropes, however, and the steam looms continued to operate.
Generically, the term luddite has come to mean anyone who fights against
technological progress, increased productivity, or greater efficiency.

On the Continent, another term arose for those attempting to derail
the Industrial Revolution. That term is saboteur. It comes from
the practice of jamming a wooden shoe, a sabot, into the works of
the steam loom.

Weaving was the first industry to be automated. Punched card controlled
steam looms (Jacard looms) were much more productive and efficient than
the small hand looms used by the cottage industry. They made possible
the inexpensive mass produced clothing that we wear today. Before the
steam loom, most people only owned two sets of clothing, their work
clothes and their Sunday meeting clothes, because hand made cloth was
too expensive for them to own more.

They only bathed on Saturday night because their only change of clothing
was their Sunday suit. This is also why perfumes were very popular, most
folks smelled pretty ripe toward the end of the week. That same lack of
hygene, with most people suffering from infestation by fleas, ticks, and
lice in their filthy clothing, was why plague spread so rapidly through
Europe before the Industrial Revolution. So you could say that the Luddites
and the saboteurs were fighting to maintain traditional death and disease.

As Paul Harvey would say, "Now you know the rest of the story."

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

5644. Re: 'Nother Pro-code Luddite

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: Jim Conn <jconn@gte.net>
Message-ID: <326E4221.3D46@gte.net>
Source record: 214213

Gary Newberry wrote:
>
> On 22 Oct 1996 21:11:28 GMT, carl@ais.net (Carl Stevenson) wrote:
>
> :>In <54f3vd$dq1@news.asu.edu>, wmunsil@aztec.asu.edu (WILLIAM W MUNSIL) writes:
> :>>
> :>>What IS a Luddite, anyway?
> :>
>
> I believe the actual term 'Luddite' stems from a group of British
> textile trade unionists (named Luddites) who in the early 1800's
> destroyed some textile machinery in the belief that it would put them
> out of work and also in the belief that they could stop progress. It
> seems quite appropriate for the Pro-Code group.
>

The term "Luddite" cannot legitimately be applied to pro-code supporters, as we do not advocate stopping progress of any kind, especially technical. The morse code testing issue is not technological. Morse code is not a technology, but a communications mode. The underlying technology used to transmit morse code can range from flashes of light to on-off keyed RF carrier. The bogus notion that morse testing is holding back progress in technology is patently ridiculous.

73,
Jim - AD4VL

5645. Re: Draw program

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: mondad <mondad@eel.ufl.edu>
Message-ID: <326E5109.66C4@eel.ufl.edu>
Source record: 214214

Ron/Jeanne Angle wrote:
>
> Am looking for an easy to use electronic drafting program including
> standard RF symbols (yes, even vacuum tubes). I am rebuilding a
> sixties era 4-400A linear and need to trace out all circuits.
> Most programs I have downloaded are for PCB layout/design.
> Tnx es 73 de Ron AB6ZX
>
> =*=* ==*= =** =**= =** * *= =*** =**** ==** =**=
> Ron Angle, Chico CA E-MAIL ADDRESS: dom@athenon.com
> * Amateur radio operator since 1955, current call AB6ZX *
> (former calls K6KYJ, BV1US, KL7FAR, N6DOJ)
Have you tried pspice? it is in the microsim web site and they have a
free evaluation version. Many manufacturers have spice models for their
products. I don't know about the vacuum tubes. But is all you are
lokking for is a drafting type program them this will serve the purpose
since it also has a feature to edit the actual physical layout of the
model. (By model I mean : taransistors, resistors, diodes, power
supplies....etc.) I recommend getting the 6.3 version. If you don't want
to download it, they will send you a cd.
73 KF4MGQ

5646. Re: QSL cards:

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: Cecil Moore <Cecil_A_Moore@ccm.ch.intel.com>
Message-ID: <326E4FA9.60C7@ccm.ch.intel.com>
Source record: 214215

willard zerbe wrote:
> Would someone please post a good source for mail order QSL cards.

Hi Willard, what I do is create my own with PC drawing software.
Then print out 4 per page using an 8.5x11 Avery Laser Label.
Cut out the 4 and attach each to a 20 cent US postal card. It's
almost something for nothing.

73, Cecil, W6RCA, OOTC (not speaking for my employer)

5647. Amateur Radio Clubs in Dallas, TX

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: waterspout@juno.COM
Message-ID: <19961023.125700.9591.1.waterspout@juno.com>
Source record: 214216

I know that somebody here was asking about these, here they are...
You can get a more complete list of clubs for any given US state by
sending e-mail to:

info@arrl.org

with the following content

SEND CLUBS.<your state postal abreviation here>
QUIT

so for Texas, you would request CLUBS.TX, Wyoming would be CLUBS.WY,
etc... the subject line will be ignored.

Amateur Radio Clubs in the DFW area.

ASHCRAFT REPEATER CLUB INC
GARY W MOSS AA5IK PRES
5620 FONDREN DR
DALLAS, TX 75206

DALLAS ARC W5FC
JAY MILLER KB5YXG PRES
PO BOX 744266
DALLAS, TX 75374

DALLAS/FORT WORTH ARC
DONALD THOMAS KA1CWM PRES
PO BOX 112
COPPELL, TX 75019

HOCKADAY SCHOOL AR KLUB
DR DAVID KOCH W8LNJ ADVISOR
THE HOCKADAY SCHOOL
11600 WELCH RD
DALLAS, TX 75229

KILOCYCLE CLUB OF FT WORTH W5SH
RUSSELL STRINGFIELD KB5SCM
PO BOX 6510
FORT WORTH, TX 76115

NORTH TEXAS CONTEST CLUB
JAMES EPPRIGHT K5RX PRES
3123 TOWER TRAIL
DALLAS, TX 75229

SOUTHERN METHODIST UNIVERSITY W5YF
W MILTON GOSNEY JR KG5RO
315 CARUTH HALL
SOUTHERN METHODIST UNIV
DALLAS, TX 75275

I'm sure there are probably more that are not included on this list. Hope this helps...

David J Brooks - KC5WNK
waterspout@juno.com
-+- -+-+ +++++ +-- -+ -+- +-+-+

5648. WTB: Videocipher II decoder modules

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: vgrajeda@morelia.teesa.com
Message-ID: <199610231248.GAA02334@morelia.teesa.com>
Source record: 214217

I need to buy Videocipher II decoder modules, If You have one or more, let me know,
vgrajeda@morelia.teesa.com
Thanks,

5649. Want to Buy or Get info on Channel Adapters

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: barnaby@world.std.com
Message-ID: <DzqnyL.C59@world.std.com>
Source record: 214218

I'm in the Market for some T1 Channel Banks. I really don't know a lot about them, but, based on my limited understanding, how tough could it be to multiplex 24 signals onto a composite channel?

I'd like to find some "older" models that are inexpensive, but that work, in all, about 5. That way there would be some sparing, and I could experiment a bit. I'm interested in using them for computer over amateur microwave application.

Thanks-

Barnaby

5650. Wanted Used (but working) T1 Channel Banks

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: barnaby@world.std.com
Message-ID: <Dzqqwo.G76@world.std.com>
Source record: 214219

I'm in the Market for some T1 Channel Banks. I really don't know a lot about them, but, based on my limited understanding, how tough could it be to multiplex 24 signals onto a composite channel?

I'd like to find some "older" models that are inexpensive, but that work, in all, about 5. That way there would be some sparing, and I could experiment a bit. I'm interested in using them for computer over amateur microwave application. Standalone preferred rather than cards for system, unless system is available cheap.

5651. Re: Pacificon '96

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDzqs9x.yJ@netcom.com>
Source record: 214220

August Miller (augustmi@svpal.svpal.org) wrote:
: I went to my first Pacific Division Convention of the ARRL (PACIFICON
: '96), on 10/19/96, and it was a BIG disappointment. I first checked out the
: "swapmeet". It was held in a parking lot two blocks from the convention
: hotel, and it was freezing outside. The wind chill must have brought down
: the temperature to 32 degrees F. There were only about 25 sellers out
: there, and most of the equipment looked rusty. Then I went to the
: convention hotel itself, and I bought a ticket for $5. They told me to
: write my name on the ticket and to use it as my badge, but they wouldn't
: let me use a pen or pencil that they had. They said go ask around for one.
: That really PISSED me off! I also gotan entry ticket to win some sort
: of prize, but it said that you had to be present to win, so I didn't
: bother to enter my ticket (as I knew I wouldn't be staying long).
[snip]
: I could go on some more about this, but enough said. I'll never go to
: another Pacificon!

I wanted to go to Pacificon, primarily because of my interest in low-power operating. There were several scheduled presentations by some "big names" in the QRP realm.

But, I had been to Hamcon '96 (the ARRL Southwestern Division Convention) in the Phoenix area the week before, and decided to pass on being away from home on two consecutive weekends.

Without being too critical, one observation I made was that this type of event doesn't seem to scale well. Noticeably absent was Icom, for whatever reason, but Yaesu, Kenwood, Standard and Alinco all had nice booths. The number of vendors was much smaller than last year in Long Beach. I assume that some of the smaller vendors might have been there, if the event were held in the LA or San Diego area. More hams might have attended for at least one day.

73 de Jim - KF6CR

5652. Re: Big HAM Sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: David <DSolomon@worldnet.att.net>
Message-ID: <326E9CDF.300A@worldnet.att.net>
Source record: 214221

Butch Kraus wrote:
>
> >My girlfriend said the equipment or me. So here's the equipment for
> > >sale.
> >
> > >Scanner Uniden BC890XLT $235
> > >Scanner Uniden BC200XLT $175
> > >Transceiver Kenwood 440AT $800
> > >Transceiver Icom 735 $650
> > >Transceiver Kenwood TM231 $250
> > >Transceiver Icom 2GAT $300
> > >Transceiver Kenwood TH78A $375
> > >Antenna Tuner Icom AT500 $350
> > >Amplifier Icom IC2KL $1250
> > >Power Supply Astron IRS 35A $125
> > >Antenna Telex/Hy-Gain TH5Mk2 (New in box) $450
> > >TNC AEA PK-232MBX $250
> > >Frequency Counter Optoelectronics Portable 2810 $300
> > >Heil Microphone/ Kenwood connection & stand $130
> > >
> > >Let me know.
> >
> > Butch,

Ah, How much for the girlfriend? (Keep the equipment!)

5653. Re: QSL cards:

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: centrex@radix.net
Message-ID: <326e3229.30439654@news1.radix.net>
Source record: 214222

On 23 Oct 1996 04:33:15 GMT willard zerbe wrote in
rec.radio.amateur.misc:

>Would someone please post a good source for mail order QSL cards.
>Thanks, Willard, KA7ACK

If you can get a copy of QST or other Ham publication there are tons
of ads for QSL cards.

73, de Chuck Spafford
n3lai@radix.net

5654. Re: ** FLEA at MIT **

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: grohe@galaxy.nsc.com
Message-ID: <326f7d74.6710528@139.187.128.43>
Source record: 214223
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,sci.electronics.misc,rec.radio.amateur.homebrew

In the newsgroup sci.electronics.misc.
mlc@izzy.net (Tim Hynde) thoughtfully posted:

> This was truly one of the more entertaining posts I've read.

Oh, I kinda liked the "Windows is a piece of $#!%" and "My watch boots in 100nSec" posts.

;^)

> c.) I haven't found a flea yet that you couldn't find 120VAC SOMEWHERE, If
> your spending more than a hundred dollars or so test it out before you buy.

Ah! If you are really serious about buying equipment, carry one of those little 200W 120VAC inverter bricks *with you* in your backpack, along with a cigarette socket to car battery clip adapter. Keep a small marine or gel-cell battery in your car (or with a friend who has a table).

This way, when you "roll up" on a good deal, ask the seller if you can borrow his cigarette lighter, or car battery, for a few minutes. If you can't use his car (and if you have time), run back and get your battery.

If he refuses...There's your answer!

I keep an 8-cell "AA" battery holder and an assortment of pigtail power connectors in my backpack. This way, I have an adjustable 1.5 to 12V power source to test things there on the spot (I'm planning on making a complete test box, complete with ammeter and current limiting).

I also carry a bunch of "AAA" and "C" cells in my backpack ("C" cells can be shimmed into "D" holders with a few coins between the batteries).

The same rule applies, If they won't let you test it.....etc,etc,etc.

Will they give you their business card or phone number? Make it clear you will not bother them unless absolutely necessary (secretly write down their license plate number, for "Justin Case").

Also carry a pocket DMM (This is a *must* for any flea enthusiast - NEVER buy batteries w/o testing them first!) and a small, bright flashlight (for "inspections").

Smell the equipment too! This can be a big clue as to it's condition. Does it smell like something blew up? Does it smell musty or moldy?

Another clue I have found is the physical condition of the unit. Sometimes the "cleanest" unit of the bunch is the one that failed prematurely and got stuffed on a shelf or back in the box. Whereas the "used looking" units were just taken

out of service.

More importantly than "functional", is "complete".

Nuthin' worse than getting something and finding out a piece, or a board, or a module, or an expensive or rare IC is missing. Now you know it's not functional, and there may be little chance of it even becoming functional again.

I always assume "dead" until happily proven otherwise. Follow your instincts! If you have doubts, there's a reason! I always concider the scrap value of the item also. Any expensive goodies in it? The power switch may be worth more than the item!

Some of my best deals were the "I don't know if it works...Oh,..five bucks" deals.

It's a gamble...Ya' win some, ya' loose some!

Caveat Emptor!!!!! <sp?>

(Let duh buyer beware!)

Cheers,
Paul Grohe

Paul Grohe National Semiconductor Corp.
Sr. Electronics Technician 2900 Semiconductor Drive
AMPS New Products Eng Group Mail Stop C2693
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5655. Re: 'Nother Pro-code Luddite

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: Jim Conn <jconn@gte.net>
Message-ID: <326EACF1.566E@gte.net>
Source record: 214224

Carl Stevenson wrote:
>
> In <326E4221.3D46@gte.net>, Jim Conn <jconn@gte.net> writes:
> >The term "Luddite" cannot legitimately be applied to pro-code
> >supporters,
> >as we do not advocate stopping progress of any kind, especially
> >technical.
>
> Baloney ... you insist on clinging to outdated, antiquated methods and
> vigorously resist change towards more modern methods ...if that's not
> "stopping progress" what is?

Doesn't stop any technological progress at all. Technology marches on, every day, so how can you claim we have stopped it? A bogus argument, and you know it. Besides, we pro-coders are for technical progress on all fronts.

>
> >The morse code testing issue is not technological.
>
> Not in the strictest sense, but you're just trying to cloud the issue.

No I'm not. That *is* the issue, and you are the one that raised the technology issue in the first place! It's your cloud, Carl.

> Morse code testing IS holding back progress in ham radio by keeping out
> more technically-inclined individuals who have no use for
> turn-of-the-century, nostalgia methods ...

That morse testing is holding back progress in ham radio is a completely gratuitous assumption on your part. Morse testing does keep out those who don't want to learn the code, but it lets many in those who are technically-capable (the written tests) and willing to achieve something worthwhile through honest effort (the morse code test).

Carl, can't you see that the fact that morse code is a communications mode that has stood the test of time is a point in its favor, not against it? Besides, the relative age of a mode does not directly relate to its effectiveness. Otherwise, I'm sure aircraft would be using a digital data mode to communicate with the air traffic controllers in the tower instead of voice. Aircraft cockpit voice recorders would have long ago gone out of use, if voice mode has been rendered a "nostalgia" mode by some much-newer "more effective" digital mode. But that isn't the case, is it? More effective is not necessarily more effective, or apt, for every purpose.

> and the advocates of
> continued Morse testing are, for the most part, the same ones who
> vigorously reject and oppose the introduction of more modern methods
> like the various digital, spread spectrum, and similat techniques ...
> out of ignorance, fear, and a lack of ability to appreciate the
> necessity for modernization ... yup LUDDITES ...

This is not a true statement. "Most" pro-code adherents do not oppose
other methods. In fact, I don't know of any. Spread Spectrum is
illegal on HF, so yes, you're right about that, I oppose using illegal
modes. Your statement is ridiculous. You merely fabricated this little
"anti-technology straw baby" so you could pin the "Luddite" label on it
and try to call it a pro-coder.

>
> >Morse code
> >is not a technology, but a communications mode.
>
> And an antiquated one at that ... but you pro-code Luddites insist on
> maintaining it as a licensing requirement, despite the fact that
> everybody ... outside of ham radio ... has abandoned its use in > foavor
> of more modern, more efficient technologies ... yup LUDDITES ...

Nope, not! Can't you decide whether it is a mode or a technology? Do you
switch back and forth as the occasion arises? You agree it is a mode,
then in the same sentence say everyone has abandoned the "technology."
Morse code is a mode, not a "technology", and it is still an effective
mode, despite your dislike of it.

There are different modes of transportation: i.e., walking, horseback
riding, driving a car, and flying. Each mode of transportation has its
place. Sometimes it is more appropriate to walk than drive, and in some
situations horseback is more appropriate than driving a car. Driving is
often cheaper than driving. CW is cheaper than most modes to set up. So
the morse mode still has a legitimate place in the amateur's repertoire
of communications modes.

>
> >The bogus notion that morse testing is holding back
> >progress in technology is patently ridiculous.
>
> No, it's patently TRUE, but the assertion that maintaining Morse testing
> is necessary and desirable in today's world flies in the face of reality
> and labels you and your co-advocates as modern-day LUDDITES ...
>
> Carl - wa6vse
> carl@ais.net

Sorry, Carl, but your claim doesn't hold water. The morse test serves as
a very nice filter to restrict to a reasonable number those who have
access to HF. Unlike the line-of-sight VHF and UHF bands, the HF bands
have world-wide capability, therefore the capability of generating
world-wide interference.

Via the morse testing requirement, our government is fulfilling its responsibility to restrict the numbers of those who have access to the HF bands. If they did not, so many americans would get on HF as to destroy the bands world-wide, not just here in the U.S. Foreign hams have a right to use the bands as well as Americans.

I admit that making the tests much tougher technically would accomplish the filtering objective. However, that would unfairly exclude those who are not scientists or engineers. The truly dedicated will learn morse code to get a license, since it can be accomplished with reasonable effort at low cost, and doesn't discriminate against anyone. OTOH, not many U.S. residents can afford the time and money required to go to college for engineering classes in order to get a ham license.

Carl, the FCC does not, I hope, share your expressed desire to see millions of additional hams jammed into the already crowded HF bands. And don't bother bringing up your "If the bands get crowded, we'll all move to Spread Spectrum" argument, because Spread Spectrum is illegal on HF. Spread Spectrum is not likely to be allowed anytime soon on the HF ham bands for reasons of national security.

73,
Jim - AD4VL

5656. Manual for TS 700 A

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: RStamper@worldnet.att.net
Message-ID: <54lqr3$27f@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 214225

A recent hamfest provided me with a TS 700 A but no manual.I would like an original or a copy.Any help is verry much appreciated.Will reimburse for copying and mailing.

Verry 73 Bob N4KTS

5657. Re: Is the HTX 202 rely as bad as I have been told?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: bb840@scn.org
Message-ID: <DzqsG9.3nD@scn.org>
Source record: 214226

In a previous article, usnret@concentric.net (Duane Anderson) says:

>
>James:
>When I bought my HTX-212, I also bought an extended warranty with it
>good for 6 years...when the memory battery goes out, then I will let
>Radio Shack "fix" it for me under the warranty, (or they can give me a
>NEW one; I wont mind).
>
>Duane.
>
>James Aeschliman wrote:
>
>> I almost bought one about a year ago. The only thing that stopped me was
>> the battery that holds the memory information lasts about 5 years, but it
>> is NOT user replaceable. I've heard that only a few models have a user
>> replaceable battery. All the rest must go back to the factory for
>> battery replacement.
>
Actually that's how I found out about the battery. When I said I did not
want the extended warranty, the sales person told me it would cover the
battery replacement and that it's not user replaceable. Killed the sale
right there. I have an old ICOM handheld that doesn't require such a
battery. I added a tone board to the ICOM handheld.

Also, the original post referred to an HTX 202, which may be a mobile
rig, not a handheld (I'm not familiar with the model numbers). My
comments refer only to the handheld. I don't know anything about the
mobile rigs.
--
Jim Aeschliman bb840@scn.org
Black Diamond, Washington KD7MK

5658. Re: Amateur Radio Newsline #1001 18 Oct 1996

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <54lroq$10a@anomaly.ideamation.com>
Source record: 214227

In article <0mfbyQQI8NgU092yn@dorsai.org>,
Steve_Coletti <bigsteve@dorsai.org> wrote:

> "Be assured that the Commission will evaluate the effectiveness of this
>action to determine weather additional enforcement measures are warranted."
>
> While its doubtful that Bill Clinton asked that the fine be issued
>against Hoffman, there is more than ample reason to believe that some form
>of pressure from the White House finally got the FCC to move in this case.

More than likely someone was successful in giving Bill Clinton an
idea on where he can tap another source of revenue to pay off yet
another special-interest-group with an entitlements program.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

5659. RE: Pneumatic telescopic mast

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: Mike Snowden <mikes@fishnet.net>
Message-ID: <326E8A0D.285E@fishnet.net>
Source record: 214228

I am look for information on the pneumatic mast found on television news van. Does anyone know if there is a source for used units? Thanks for any help.
73 Mike K6YPB
mikes@fishnet.net

5660. Re: Vanity Callsign Update

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: HWDX09A@prodigy.com
Message-ID: <54m4gd$lpq@usenetw1.news.prodigy.com>
Source record: 214229

I had an e-mail from Larry Wiekert in the FCC's Gettysburg Licensing DIvision Monday where he said the hope to run the "Day 1's" by the end of the week pending no compter problems.

Robert Reed WB2DIN HWDX09A@PRODIGY.COM
1991 Route 37 West - Lot 109 --or--
Toms River, New Jersey 08757 WB2DIN@JUNO.COM
United States of America

5661. Re: 'Nother Pro-code Luddite

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <54lrus$11c@anomaly.ideamation.com>
Source record: 214230

In article <1996Oct23.135708.27038@ke4zv.atl.ga.us>,
Gary Coffman <gary@ke4zv.atl.ga.us> wrote:

>Generically, the term luddite has come to mean anyone who fights against
>technological progress, increased productivity, or greater efficiency.

If that's the case, then using the term luddite to describe the pro-code testing crowd is clearly incorrect, since nobody in the pro-code crowd is at all opposed to technological progress, increased productivity, or greater efficiency.

Equating one's believe that code testing should be maintained, for a variety of reasons, does not mean that amateurs are hindered from making gains in any of the three areas that you mentioned. HF access will not yield technological progress, increased productivity, or greater efficiency.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

5662. Help With ATV

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: duane@ripco.com
Message-ID: <Dzr3K0.Jwr@rci.ripco.com>
Source record: 214231

To All Fellow Hams,

First, My name is Duane Whittingham (N9SSN) and I am a Lieutenant with the Melrose Park Emergency Services Public Safety RACES. We are an EMA or an Emergency Management Agency (similiar to a Civil Defense) in Melrose Park, IL near Chicago. Our RACES Division is very active in ham radio as well as the other portions like traffic control, lighting, assist FD or PD and of course communications. Not only is this for the town but for the entire fire district, which is called a batallion and is MABAS Division 20. MABAS stands for Mutual Aid Box Alarm System. We have a mobile communications/incident command vehicle that responds on all 2nd alarm fires and all Hazmat alarms.

Here is the kicker, the Batallion has agreed to purchase for us complete equipment for ATV. Yes, we can have ATV on the command vehicle to transmit live fire or other incident video back to the fire stations or EOC's. But we think we will have a problem getting a good signal off the truck. We probably will go UHF from the truck to our EOC and relay it to a Chicago ATV repeater on 1.2 gHz. This is of course this is in the early planning stages and want & NEED your help and input. We have some decent size structures and buildings in the area as well as some forest preserves. We are wondering how high will we need to get the signal out (i.e. a large mast on the truck?). Also we want to cover all or as much as possible of the entire batallion, which covers an approx 11 miles north/south and approx 5 miles east/west. Any help or suggestions would be appreaciated.

Thank you,

Lt Duane Whittingham (duane@ripco.com)
Melrose Park ESPS RACES
tx - 708.345.4350

--
>>>> Duane Whittingham - N9SSN - Dedicated to TVRO & Radio Broadcasting! <<<<

duane@ripco.com (MHGC -- Damian Smith)

>>>> Make The Right Choice --- C-Band TVRO --- Not The Little Dish! --- <<<<

5663. Re: Vanity Callsign Update

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: kc4hr@erols.com
Message-ID: <326e9f06.43635332@news.erols.com>
Source record: 214232

On 23 Oct 1996 21:59:41 GMT, HWDX09A@prodigy.com (Robert Reed) wrote:

>I had an e-mail from Larry Wiekert in the FCC's Gettysburg Licensing
>DIvision Monday where he said the hope to run the "Day 1's" by the end of
>the week pending no compter problems.
>
>Robert Reed WB2DIN HWDX09A@PRODIGY.COM
>1991 Route 37 West - Lot 109 --or--
>Toms River, New Jersey 08757 WB2DIN@JUNO.COM
>United States of America
>

That's great how about a copy of his e-mail ?

5664. wtb: allied kinght-kit shortwave and walkie talkies

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: rew5808 <bwilder@reallink.com>
Message-ID: <326EA13D.5CF7@reallink.com>
Source record: 214233

looking for help in finding a pair of allied knight-kit c-100 walkie talkies from the early 60's??? they were blue 3 transistor 100mw units.

also looking for a knight kit "span master" 4 band short wave receiver from the same time period.

thanks
bobby
wb5wur

5665. Re: Q: No Code - Know Everything Else

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: carl@ais.net
Message-ID: <54m8jh$cai@news.ais.net>
Source record: 214234

In <326e5fbc.5744384@nntp.netcruiser>, n4jvp@ix.netcom.com (A.G. von Luternow) writes:
> There has been much discussion concerning HF licensing. Many
>say that CW is outdated and as such should not be a requirement for a
>HF ticket. When I was first licensed as a novice a long long time ago,
>the ability to both send and receive Morse code at 5 wpm was a
>requirement for my novice ticket. Although I didn't care too much for
>CW I had to learn it along with the theory to obtain my WN1VKN
>callsign. (Having a KN in my call was not exactly a pleasure!)
> At that time the CW requirement seemed to go hand in hand with
>the theory. The required theory provided enough knowledge for a novice
>to build and operate a transmitter (75 w. maximum output, xtal
>control and a one year license non-renewable). Although I did not
>build my first transmitter, I was able to homebrew a tx/rx combination
>as a novice without an elmer's assistance. I don't remember what tube
>the oscillator was but it was a single stage tx (about 12 watts) while
>the rx was a regen out of an older ARRL handbook. It wasn't pretty but
>it worked well enough to confirm 23 states and get no OO QSLs. My
>powerhouse station could be found on 3747 kcs in the middle of the VE
>phone band.

A "long long time ago" when you were first licensed as a novice and
tubes were still the way things were built for the most part, the CW
requirement was a lot more relevant than it is today. Today's
technology is different ... just as tubes are passe, so is the Morse
code ... both are irrelevant in today's world of VLSI integration,
digital signal processing, computers, and the internet ...

This is NOT to say that ham radio in total is passe ... just the bulk
of the techniques commonly practiced by many of today's hams ... who,
like yourself, are the products of another generation (not meant to be
derrogatory, just a factual observation) ...

The problem is that ham radio is a (supposedly) technical activity ...
see Part 97.1 ... but we (collectively) are NOT keeping up with our
charter to be a technical service and training ground ... in fact, many
current hams specifically and emphatically oppose the introduction of
new techniques into ham radio because they're "different" (than those
current techniques that they are familiar with) and because they fear
that these new techniques will conflict with their preferred methods ...

> Now the cry is out that CW is outdated, perhaps it is, perhaps
>it isn't. If the Morse requirement is eliminated should the theory
>covered on the novice exam be at a level that by learning the theory
>the new novice should have the knowledge to build a basic station?

An unfortunate reality is that most hams don't build their stations any more, let alone their *first* station ... so having a 1:1 correspondence between the test requirement and the knowledge necessary to build one's first station is less important than it was in the long ago past ...

This is NOT to say that I'm anti-building ... I'm actually VERY pro-building and experimenting ...

>Of course if CW is outdated, that basic station becomes a great deal
>more complex than my peanut whistle ever was.

In today's world of VLSI integrated circuits, the absolute level of complexity is a bit clouded realtive to times past when everything was built with discretes ... functions that once took entire rooms full of gear now fit on a chip smaller than your little fingernail ... and the reliability is excellent, too, so the complexity need not cause as much concern in that regard as in the past either ...

>What current license exam covers the theory to build a SSB
>transmitter?

Somewhere between the advanced adn the extra, I'd say ...

>It is my opinion that if CW is outdated and should not be
>required, the entry level theory exam should cover the knowledge to
>build such a basic station.

Why require everyone to have the highest level (design and build) of knowledge, when most only need (install, connect, and properly operate) a lesser level of expertise?

As Gary has pointed out eloquently several times, the license is "an entry permit to to a lifelong lab course", not a graduation certificate.

It's high time that hams started thinking of their license in that way and start getting their satisfaction and ego gratification from what they get *out* of it and what they accomplish *with* it, rather than what they put into (getting) it (the ticket) ... unfortunately, too many prefer to rest on laurels and bask in the light of past "accomplishments" (passing the stupid test) rather than what they actually *do* with/in ham radio ...

Carl - wa6vse
carl@ais.net

5666. Re: Need Help Installing My 2-meter Mobile

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: Daniel Velez <djv@gte.net>
Message-ID: <326E99D4.59D0@gte.net>
Source record: 214235

Steve-Erley-IDT wrote:

> >Make sure both leads are properly fused. VERY
> >IMPORTANT!!!
>
> Bad advice, don't fuse your ground lead ever!
> If you do and the fuse blows, your rig at best will still ground
> itself thru the mounting bracket, at worst thru the antenna coax.
> ----Steve Erley---Notahamandnotashamed-
>
Steve - bad idea. Scenario: Failure of battery/chassis strap. Only other path to ground is through the radio. Putting a fuse in Neg line costs you nothing.
--
Dan

||||||||||||||||||||||||||||||||||||||||||||||||||||
Daniel Velez djv@gte.net
http://home1.gte.net/djv/index.htm
n4wzr@wd4miz.va.usa.noam
||||||||||||||||||||||||||||||||||||||||||||||||||||

5667. Callbook Server Summary

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: bohnovic@worldnet.att.net
Message-ID: <54ktv6$8nn@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 214236

Does anyone know what happened to the Callbook Server Summary that usaully posts the FCC's new callsign activity for the previous day? It hasn't been updated since the 21st.

I've also noted that I cannot download any forms from the FCC. The FCC's computers don't seem to be responding.

I wonder if these two incidents are related?

73..de John/K8PXG

John/K8PXG in Pembroke Pines, FL

5668. Callbook Server Summary

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: bohnovic@worldnet.att.net
Message-ID: <54kv0t$ekc@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 214237

Does anyone know what happened to the Callbook Server Summary that usaully posts the FCC's new callsign activity for the previous day? It hasn't been updated since the 21st.

I've also noted that I cannot download any forms from the FCC. The FCC's computers don't seem to be responding.

I wonder if these two incidents are related?

73..de John/K8PXG

John/K8PXG in Pembroke Pines, FL

5669. Callbook Server Summary

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: bohnovic@worldnet.att.net
Message-ID: <54kuaq$bj8@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 214238

Does anyone know what happened to the Callbook Server Summary that usaully posts the FCC's new callsign activity for the previous day? It hasn't been updated since the 21st.

I've also noted that I cannot download any forms from the FCC. The FCC's computers don't seem to be responding.

I wonder if these two incidents are related?

73..de John/K8PXG

John/K8PXG in Pembroke Pines, FL

5670. Re: QSL cards:

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: Jim O'Connell <jimw9wu@ix.netcom.com>
Message-ID: <326E6E4D.1B6E@ix.netcom.com>
Source record: 214239

willard zerbe wrote:
>
> Would someone please post a good source for mail order QSL cards.
> Thanks, Willard, KA7ACK

WX9X has a web site and great prices!!
http://www.qth.com/wx9x/

5671. Re: Big HAM Sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: Danny <ko6oy@mail.fishnet.net>
Message-ID: <326EF0F1.319D@mail.fishnet.net>
Source record: 214240

David wrote:
>
> Butch Kraus wrote:
> >
> > >My girlfriend said the equipment or me. So here's the equipment for
> > > >sale.
> > >
> > > >Scanner Uniden BC890XLT $235
> > > >Scanner Uniden BC200XLT $175
> > > >Transceiver Kenwood 440AT $800
> > > >Transceiver Icom 735 $650
> > > >Transceiver Kenwood TM231 $250
> > > >Transceiver Icom 2GAT $300
> > > >Transceiver Kenwood TH78A $375
> > > >Antenna Tuner Icom AT500 $350
> > > >Amplifier Icom IC2KL $1250
> > > >Power Supply Astron IRS 35A $125
> > > >Antenna Telex/Hy-Gain TH5Mk2 (New in box) $450
> > > >TNC AEA PK-232MBX $250
> > > >Frequency Counter Optoelectronics Portable 2810 $300
> > > >Heil Microphone/ Kenwood connection & stand $130
> > > >
> > > >Let me know.
> > >
> > > Butch,
>
> Ah, How much for the girlfriend? (Keep the equipment!)
well..!!**well??##..I'll help you.if thats the way she feels
she is not worth a dime.Get rid of her as fast as you can and
get your life back into order...You can thank me later when you
come to your senses. DANNY

5672. WWW Pages

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: asperges@innotts.co.uk
Message-ID: <3277cab1.2999547@news.innotts.co.uk>
Source record: 214241
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy

```
--------------------------------------------------------------------------------
The G4NJH Radio Pages
=====================

http://www.innotts.co.uk/~asperges/

Nearly 22,000 visitors and growing...

* Pages for old and new enthusiasts.
* Friendly - not just a collection of links;
* Updated for November 96; New layout;
* SWL, Scanners, Amateurs, Students, Novices, links, narrative;
* News, views, contests, Computers and Internet, New QSL project,
* RSGB, UKRS, even Burns, Wollaton Park and St George -
* Link to the new Guy Fawkes site! .......

73 de Jeremy G4NJH
--------------------------------------------------------------------------------
```

5673. Re: Callbook Server Summary

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: "Howard M. Ginsberg" <h.m.ginsberg@worldnet.att.net>
Message-ID: <326EA7E6.2068@worldnet.att.net>
Source record: 214242

bohnovic@worldnet.att.net wrote:
>
> Does anyone know what happened to the Callbook Server Summary that
> usaully posts the FCC's new callsign activity for the previous day? It
> hasn't been updated since the 21st.
>
> I've also noted that I cannot download any forms from the FCC. The
> FCC's computers don't seem to be responding.
>
> I wonder if these two incidents are related?
>
> 73..de John/K8PXG
>
> John/K8PXG in Pembroke Pines, FL

try:

http://www.qrz.com/new_hams.html

It is updated at about 8:30 AM each day.
--
Howard M. Ginsberg, NW1N/4
Peachtree City, GA

5674. Re: QSL cards:

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <54mf1o$ajv@lehi.kuentos.guam.net>
Source record: 214243

willard@goodnet.com (willard zerbe) wrote:

>Would someone please post a good source for mail order QSL cards.
>Thanks, Willard, KA7ACK

W4MPY is an excellent source and has been for years.

73, Jim KH2D

5675. Re: Please help find Manual- Allied A2516 Ham receiver

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: Bob Miller <bmiller@calweb.com>
Message-ID: <326EE935.70C4@calweb.com>
Source record: 214244
Cross-posted to:
rec.antiques.radio+phono,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.ham-radio

Jim Larson wrote:
>Hi Jim

Try W7FG Vintage Manuals
800 807 6146
3300 Wayside Drive
Bartlesville, OK 74006

> Please help me find a source for a manual/schematics for an old Allied
> model A2516 ham receiver. It is an older tube type, a kit I think.
> I have tried Sam's and Sarrio with no luck. Does anyone know some good
> sources for manuals or possibly an individual that would have a xerox
> copy available? Please forgive me if this is in an FAQ somewhere,
> I am a newbie, and this is my first "taste of ham" :)
>
> p.s. I'm hooked.....
>
> Thank you ALOT!
>
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> _____./_/ |___|/' |___|/' |__|/'
>
> James K. Larson - james_l@efn.org - Junction City, Oregon

5676. Re: 'Nother Pro-code Luddite

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: carl@ais.net
Message-ID: <54lmr8$3db@news.ais.net>
Source record: 214245

In <326E4221.3D46@gte.net>, Jim Conn <jconn@gte.net> writes:
>Gary Newberry wrote:
>>
>> On 22 Oct 1996 21:11:28 GMT, carl@ais.net (Carl Stevenson) wrote:
>>
>> :>In <54f3vd$dq1@news.asu.edu>, wmunsil@aztec.asu.edu (WILLIAM W MUNSIL) writes:
>> :>>
>> :>>What IS a Luddite, anyway?
>> :>
>>
>> I believe the actual term 'Luddite' stems from a group of British
>> textile trade unionists (named Luddites) who in the early 1800's
>> destroyed some textile machinery in the belief that it would put them
>> out of work and also in the belief that they could stop progress. It
>> seems quite appropriate for the Pro-Code group.
>>
>
>The term "Luddite" cannot legitimately be applied to pro-code supporters,

Sure it can ...

>as we do not advocate stopping progress of any kind, especially
>technical.

Baloney ... you insist on clinging to outdated, antiquated methods and
vigorously resist change towards more modern methods ...if that's not
"stopping progress" what is?

>The morse code testing issue is not technological.

Not in the strictest sense, but you're just trying to cloud the issue.
Morse code testing IS holding back progress in ham radio by keeping out
more technically-inclined individuals who have no use for
turn-of-the-century, nostalgia methods ... and the advocates of
continued Morse testing are, for the most part, the same ones who
vigorously reject and oppose the introduction of more modern methods
like the various digital, spread spectrum, and similat techniques ...
out of ignorance, fear, and a lack of ability to appreciate the
necessity for modernization ... yup LUDDITES ...

>Morse code
>is not a technology, but a communications mode.

And an antiquated one at that ... but you pro-code Luddites insist on
maintaining it as a licensing requirement, despite the fact that
everybody ... outside of ham radio ... has abandoned its use in foavor

of more modern, more efficient technologies ... yup LUDDITES ...

>The bogus notion that morse testing is holding back
>progress in technology is patently ridiculous.

No, it's patently TRUE, but the assertion that maintaining Morse testing is necessary and desirable in today's world flies in the face of reality and labels you and your co-advocates as modern-day LUDDITES ...

Carl - wa6vse
carl@ais.net

5677. Q: No Code - Know Everything Else

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: n4jvp@ix.netcom.com
Message-ID: <326e5fbc.5744384@nntp.netcruiser>
Source record: 214246

There has been much discussion concerning HF licensing. Many
say that CW is outdated and as such should not be a requirement for a
HF ticket. When I was first licensed as a novice a long long time ago,
the ability to both send and receive Morse code at 5 wpm was a
requirement for my novice ticket. Although I didn't care too much for
CW I had to learn it along with the theory to obtain my WN1VKN
callsign. (Having a KN in my call was not exactly a pleasure!)
At that time the CW requirement seemed to go hand in hand with
the theory. The required theory provided enough knowledge for a novice
to build and operate a transmitter (75 w. maximum output, xtal
control and a one year license non-renewable). Although I did not
build my first transmitter, I was able to homebrew a tx/rx combination
as a novice without an elmer's assistance. I don't remember what tube
the oscillator was but it was a single stage tx (about 12 watts) while
the rx was a regen out of an older ARRL handbook. It wasn't pretty but
it worked well enough to confirm 23 states and get no OO QSLs. My
powerhouse station could be found on 3747 kcs in the middle of the VE
phone band.
I had a harder time learning the theory for my general than I
did getting my code speed up to 13 wpm. It took two trips to the FCC
office to pass that blasted theory.
Now the cry is out that CW is outdated, perhaps it is, perhaps
it isn't. If the Morse requirement is eliminated should the theory
covered on the novice exam be at a level that by learning the theory
the new novice should have the knowledge to build a basic station?
Of course if CW is outdated, that basic station becomes a great deal
more complex than my peanut whistle ever was.
An crystal controlled oscillator and a PI network will not
suffice for SSB or any of the new digital modes. The basic station
would now involve multiple stages for isolation, mixing, filtering and
such. What current license exam covers the theory to build a SSB
transmitter? It is my opinion that if CW is outdated and should not be
required, the entry level theory exam should cover the knowledge to
build such a basic station.
Of course this would seem to make the novice exam many times
more difficult than it currently is. Perhaps this level of theory is
not needed because after all the majority of us are now appliance
operators. (One of the arguments against incentive licensing back in
the sixties was we would all become appliance operators.) So what
level of theory should there be, if any?
Many object to having to learn CW because it is outdated and
they will never use it. In my case I have never advanced beyond
general because of the theory. A first career in the hospitality
industry and a second career as a object-oriented programmer do not

require me to use the theory. As a hobbyist knowing the theory I do comes in handy but just because I can read the schematic of my FT757-GX doesn't mean I can properly troubleshoot the rig much less repair it. I could learn (memorize) the theory for the advanced and extra but it doesn't seem worth the time and effort to gain a few more kHz of the spectrum to use. Plus as I said I won't use much if any of that knowledge on a regular basis. Making 18 wpm would not be a problem, a couple of days of serious CW will have my code speed up in the low twenties. (Those two days would be a CW contest but that is a different thread!)
Does this make me a bad guy? I find it amusing to read some of the questions that appear in the various ham newsgroups that I can answer without looking in a book, i.e. 2x2 calls asking questions about simple antennae types and transmission lines. It seems to me that a good number of licensed hams memorized the theory long enough to get their ticket.
Personally I don't think CW is outdated although it is obviously not cutting edge. It is a viable means of basic communication. To build a quality homebrew CW station is does not require as BSEE. Obtaining the parts is far more difficult now however as a junked TV will not suffice. Additionally with CW I can communicate (however minimally) with a foreign amateur who does not speak English. If I query "ur tx?" on CW it is understood and "100 w 6L6 es 807 BT ant dipole 25 mtrs BT" I can understand. Power requirements do not need to be high when using CW. As a novice I almost made 15 mtr WAC from NH using the EICO 720 with weak finals and a longwire with a tuner (missed only Asia).
After all this rambling I again ask:

If the CW requirement is eliminated for HF licensing, how should the theory portion of the exams be modified if at all?
1: no changes
2: some changes but to what degree?
3: serious changes resulting in two license classes
Entry level - today's Advanced theory
Non-Entry level - today's Extra theory
4: no code - know everything else, only one license class with

theory exam comparable to today's Extra

73 de n4jvp/4
Fritz

5678. Re: Finding Amateur Radio Clubs

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: bpeters@harborside.com
Message-ID: <54kksa$ejh@news.harborside.com>
Source record: 214247

UNITED MUSLIM FORCES wrote:

>How can I find an amateur radio club near Dallas?

>Thanks!

>Jay

If I had your e-mail address I'd try to find time to look in
my SAM database under Dallas for you. There are
probably several listed. If you want me to look then
e-mail me, as I seldom have time to browse this group.

N7MUC e-mail: bpeters@harborside.com

5679. Re: Legal Action v.s. tech..

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: rogerjb@ibm.net
Message-ID: <54l9ua$1t5m$2@news-s01.ca.us.ibm.net>
Source record: 214248

In <326c317e.6190432@news.wco.com>, eplatt@wco.com (Evan Platt) writes:

>Small Claims Court??
>Do I have any recourse? The radio was brand new.

File a small claims court claim and have them served. Cost you about $35
and you can sue them for that too. 5 gets you 10 that they settle with you
and agree to fix it rather than screw around further.

Roger J. Buffington
W6VZV
rogerjb@ibm.net

USC Law School, Class of '97

"I want to die peacefully, in my sleep, like my Grandfather."
"Not screaming, and in terror, like his passengers."

5680. Re: November Sweepstakes Logger for OS/2

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: <>
Message-ID: <54l55n$1fqq$1@news-s01.ca.us.ibm.net>
Source record: 214249

In <54ile6$rc5@rainbow.rmii.com>, jonz@rainbow.rmii.com (Bea and Marvin Jones) writes:
>Will Edwards (edwardsw@bga.com) wrote:
>: Hi,
>
>: For Warp'ed contesters out there, I've made available (as freeware) a native
>: OS/2 logger for the November Sweepstakes contest. You can get the latest
>: version
>: from http://www.bga.com/~edwardsw/SSLog12.zip.
>
>: Will Edwards, WA5WZA
>: edwardsw@bga.com
>
>tnx, Will! There just ain't enuf of us discriminating OS/2 users.
>
>73
>Jonesy W3DHJ
>__
>SK
>
>--
>Marvin Jones jonz@rmii.com
>Gunnison, Colorado

Merlin Rules! OS/2 Version 4 is absolutely super! Running Internet, 2 Packet Stations, and Rig Manager for the Kenwood 850S concurrently, and no data dropouts like you know who!!!!!!!!!!!!!!!!!!!!!!!!!!

- Jim

5681. Re: 'Nother Pro-code Lud

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: forrest.gehrke@cencore.com
Message-ID: <8CAD255.014C000FA1.uuout@cencore.com>
Source record: 214250

CS> Can also accurately be used to refer to pro-code fanatics who insist
CS> (despite the overwhelming body of technical evidence to the contrary
CS> that "CW is best and gets through where nothing else will."

Please cite the "overwhelming body of technical evidence"
that CW does *not* get through where nothing else will.
SSB comes close, but how many times have you listened
to signal reports being counted out and the listener
gets it right by counting the sounds rather than hearing
the words? That is, in effect, the same as CW.

I'm referring to a 3 and 3 signal report given as
"one two three (silence) one two three" repeated
several times. Of course, you have to be a dx-er
to experience this! ;-)

* RM 1.3 02583 * If turning it on doesn't help, plug it in.

5682. Service Manual needed for Singer fm10cs service monitor

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: ve2bpu@sympatico.ca
Message-ID: <846036504.15272@dejanews.com>
Source record: 214344

Hi! I am looking for a service manual for an old fm10cs Singer service manual that has a defective synthetiser...
If anyone can help, I am willing to pay for mail or photocopies.
Help will be very appreciated, reach me on e-mail or by phone at 418-839-4846 in the evening.

Best regards.

Serge Berube ve2bpu .

This article was posted to Usenet via the Posting Service at Deja News:
http://www.dejanews.com/ [Search, Post, and Read Usenet News!]

5683. Military Technical Manuals For Sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: Excelsior <admin@palms-online.com>
Message-ID: <01bbc087$092bbd40$0a1eea26@Palms.Palms-Online.com>
Source record: 214345

Attention Radio Amateurs and Electronics Technicians

Art's Book World, Inc. sells copies of military tecnical manuals used to train military personnel in start-of-the-art communications and related fields. For a full list of the books that we carry, come see our site at:

HTTP://WWW.PALMS-ONLINE.COM/ABW/INDEX.HTM

5684. Re: Dealing with Contests

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: desmith@telalink.net
Message-ID: <54joei$963@apple.telalink.net>
Source record: 214346

(referring to asking whether the frequency is in use)
>True. But come on. Contesters very rarely do this. Certainly they do it
>less often than hams engaged in most other activities.

I admit, we as a group rarely do this. (I can honestly say I'm an exception) My experience has been that we aren't worse than the amateur community in general though. I can cite more than a handful of QSOs, contest or otherwise, interrupted by non-contesters who chose to CQ, or run a sked, without asking if the frequency was in use. We (at this point, I refer to ALL amateurs!) need to be better about inquiring. AND, we need to be better about ANSWERING when someone else asks! (I can also cite more than a handful of situations where I asked - TWICE - if a frequency was in use, got no answer, called CQ Contest, and then got reamed out for QRMing a QSO...)

Contest segment restrictions will have unintended side effects. First, if we're packed tighter into smaller segments, QRM within those segments increases. If your sked is within one of the contest-allowed segments, you're going to have a heck of a time running it... And, the added QRM will also make it more difficult for the little newcomer, trying to fill out his DXCC or WAS, to get through the QRM. (you'd be amazed how many QSLs I get after a typical Sweepstakes from newcomers wanting Tennessee for WAS.)

Besides, over 50% of the bands are already reserved for non-contesters, in every major event except Field Day and the IARU. During CW contests, you have the full run of the phone bands; during phone contests, you have the full run of the CW bands. And in both cases, the entire 30, 17, and 12-meter bands are open. Not to mention all of VHF and at least half of 160.

73 Doug
W9WI/4

5685. Re: Ham Gear for Sale....

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: hwatson@erinet.com
Message-ID: <54k6go$n9f@eri.erinet.com>
Source record: 214347
Cross-posted to: rec.ham-radio,rec.ham-radio.swap,rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.swap,rec.radio.swap

mjnoble@lucent.com wrote:

>In article <mwhite-1710961335190001@m14494-mac.mitre.org>, mwhite@mitre.org (Michael White) writes:
>|> > Reason for selling is that I just got married a few months ago and
>|> > either the Ham Gear or me go.
>|>
>|>
>|> "Yeah, my wife said she'd leave me if I didn't get off the radio. Over."

I lucked out. I did it the easy way, just got the wife to become a ham also! :>

Howard

5686. Looking for manual: President HR2600 10m rig

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: travisp@ix.netcom.com
Message-ID: <54k28o$ljk@dfw-ixnews7.ix.netcom.com>
Source record: 214348
Cross-posted to: rec.radio.amateur.misc,triangle.radio

I really would like to get a copy of the manual for a President HR2600 10m rig. If anyone has one and could send me a copy please let me know. (I will pay for any expense involved.) Thanks!

73 de KE4MBD (Travis)


```
****************************************
* Gerald Travis Phillips *
* Home address:travisp@ix.netcom.com *
* School address:gtphilli@hamlet.uncg.edu *
* WWW:http://www.netcom.com/~travsip *
* *
* Amateur Call: KE4MBD *
* Ham address: ke4mbd@amsat.org *
* 73 *
* *
* Smile! God Loves You! *
****************************************
```

5687. QSL cards:

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: willard@goodnet.com
Message-ID: <54k76b$1kgm@news.goodnet.com>
Source record: 214349

Would someone please post a good source for mail order QSL cards.
Thanks, Willard, KA7ACK

5688. test

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: rod@!hili.com
Message-ID: <54jnp2$kj3@news.ios.com>
Source record: 214350

```
test
N2RVM
```

5689. Re: Gate Two Day One ready?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: ronklein@ix.netcom.com
Message-ID: <54juit$khl@dfw-ixnews8.ix.netcom.com>
Source record: 214351

In <54bj1c$6ub@solaris.cc.vt.edu> jbmitch@vt.edu (John Mitchell)
writes:
>
>Had a report from a ham who called FCC on Friday, 10-18. The word is
that
>day one callsigns will be mailed out on Monday,10-21. Still nothing
on
>the servers I monitor...
>

Was that 10-21 1996? or 1997?

Ron - W0OSK(Waiting for K0RK)

--
Ron Klein
----
ronklein@ix.netcom.com

5690. Amateur Radio Newsline #1001 18 Oct 1996

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: bigsteve@dorsai.org
Message-ID: <0mfbyQQI8NgU092yn@dorsai.org>
Source record: 214352
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB NEWSLIN @ ALLBBS $NLIN.1001
Amateur Radio Newsline #1001 18 OCT 1996

The Newsline Information and Copyright Notice is now published seperately every month. Please read this notice before using any part of Newsline in any manner. For a copy of the notice e-mail bigsteve@dorsai.org or netmail Steve Coletti @ 1:278/230 on Fidonet.

NEWSLINE RADIO - CBBS EDITION #1001 - 10/18/96

(**)
(* *)
(* A M A T E U R *)
(* *)
(* R A D I O *)
(* *)
(* N E W S L I N E *)
(* *)
(**)

The following is late news about Amateur Radio for Radio Amateurs as prepared from NEWSLINE RADIO scripts by the staff of the AMATEUR RADIO NEWSLINE, INC., formerly the WESTLINK RADIO NETWORK. Amateur Radio Newsline is a audio news service distributed via telephone.

This hardcopy version is produced by Dale Cary - WD0AKO from scripts provided to him weekly by Newsline. It is then distributed to on-line services, bbs networks and internet user jointly by Dale Cary and Steve Coletti.

Editorial comments, news item and all other business should be directed to:

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(Fax senders wait for voice prompt.)

Hardcopy comments or complements can be directed to:

Dale Cary, WD0AKO
Hardcopy Distribution for Newsline

Internet E-mail: wd0ako@rrnet.com
Phone: (218) 236-6324

For further information about the AMATEUR RADIO NEWSLINE, please write to us with an S.A.S.E. at:

NEWSLINE
c/o Andy Jarema-N6TCQ
P.O.Box 660937
Arcadia, CA
91066

Thank You,
NEWSLINE

(**********
Some of the hams of AMATEUR RADIO NEWSLINE: WA6ITF WB6MQV WB6FDF K6DUE W6RCL N6AHU N6AWE N6TCQ K6PGX N6PNY KU8R N8DTN W9JUV KC9RP K9XI KB4KCH KC5UD KC0HF G8AUU WD0AKO DJ0QN and many others in the United States and around the globe!!!
(**********
[1001]

(* * * * * CLOSED CIRCUIT ADVISORY * * * * *

EMERGENCY FUNDING

The following is an important closed circuit advisory. Attention all bulletin stations. Newsline is still on the verge of bankruptcy and existing hand to mouth. We have only enough funding to keep us in operation until late November and urgently need your support to survive.

As we have said many times, the decision whether Newsline stays or goes is yours. If you want this service to continue, we will need your ongoing financial support, and it is needed right now.

The address for the Newsline Support Fund is:

NEWSLINE
P.O.Box 660937
Arcadia, California
91066

This ends the closed circuit with Newsline report number 1001 for release on Friday, October 18th, 1996 to follow.

(*****
The following is a QST

Did the White House play a part in nailing a Phoenix, Arizona jammer? Find out on Newsline report number 1001 coming your way right now!

(*****
DID PRESIDENT CLINTON HANDLE PHX JAMMER

Did President Bill Clinton or his staff take an active part in bringing a Phoenix, Arizona jammer to justice? That possibility comes to light in a letter received by Arizona Repeater Association Local Interference Committee Chairman Lance Halle, KC7FVX, from the FCC's Beverly Baker. Baker is the Chief of Compliance and Information Bureau. In her letter she says that President Clinton has asked her to personally respond to Halle's inquiry regarding interference problems in Phoenix.

She goes on to mention that an Notice of Apparent Liability to monetary forfeiture in the amount of six thousand dollars was issued to Timothy Hoffman on August 30th. She further states -- and we quote --

"Be assured that the Commission will evaluate the effectiveness of this action to determine weather additional enforcement measures are warranted."

While its doubtful that Bill Clinton asked that the fine be issued against Hoffman, there is more than ample reason to believe that some form of pressure from the White House finally got the FCC to move in this case.

(*****
CITYS TO CHALLENGE FCC

Look for a major court challenge by city planners, community managers and homeowners associations to recent rulings by the FCC. Rulings that forbid states, citys, municipalities, homeowners associations, and even individual landlords from enacting rules forbidding the installation of those pizza sized satellite television dishes.

When it used its power and preempted local jurisdiction and land use regulations to permit anyone to install one of these mini satellite antennas, the FCC said it was doing do to insure that the general public had access to the latest in television transmission technology.

But according to recent news reports, some cities, states and many homeowners organizations disagree. A spokesmen for a coalition of urban planning groups say that the federal government has no right to dictate the aesthetic look of a community. That controlling satellite dishes and any antenna structures must be done on a community planning level.

With both sides now having their views cast in concrete, it will be up to the legal system to decide who has the final word. Urban planners say that they will be going to court in an all or nothing effort to wrestle the power of federal preemption away from the FCC. While it will be many years before any final determination is made, whatever the outcome, the future of many radio services that use visible antennas -- including Amateur Radio -- may well hang in the balance.

(*****
JAPAN TO FIGHT RADIO MODEM HACKERS

Japan says it is going to actively pursue computer hackers, especially those that intercept data using radio modems. Authorities in Japan say that they are setting up a special investigatory unit to combat the spread of computer virus attacks and other electronic criminal acts.

According to news reports, Japan's National Police Agency has requested 2.3 million dollars to fund a plan to actively attack the problem that they see as a threat to their nations national security. A spokesman for the National Police Association says that the money will be used to fund the creation and training of a Security Systems Countermeasures Team. A team that would go after hackers before they have the opportunity to create havoc.

(*****
NOVICE/TECH CONTEST COMING

From the contest log, word that the ARRL Contest Advisory Committee is seriously considering the creation of a contest for Novice, Technician and Technician Plus class operators, tentatively dubbed Sprint NT. Some of the basic rules have been hammered out within the committee, and the League is in the process of seeking membership input to fine tune them.

In general, the contest time period would run from 7 AM Saturday to 1 AM Sunday EST. All Novice, Technician and Technician Plus frequencies may be used. Only Novice, Technician and Technician Plus operators would be allowed to call CQ and the rules would include provision for an "Elmer" to help but not actually make QSOs.

Pending final approval from the ARRL Board of Directors, the contest could come into being as early as next summer. Meantime, the Contest Advisory Committee is seeking membership input regarding the proposed new operating event.

(*****
ENCOURAGING THE DEAF TO GET INTO AMATEUR RADIO

Ham radio should be available to the deaf. So says John Rothert, KC4IYO, of Orlando, Florida.

Rothert reports via the ARRL Letter that he is working with a group of deaf students in central Florida called "New Friends." This is a nonprofit organization for deaf and hearing impaired children. Its purpose is to provide an atmosphere where deaf children can meet to socialize and share learning experiences.

Rothert says that some of the group's objectives are to learn about space science, show how computers can help people communicate, learn about the Internet, spark interest in ham radio, and communicate with the space shuttle.

During the first official New Friends workshop some 25 students found out what Amateur Radio is all about. Each student received a packet of information from the ARRL along with an Archie ham radio comic book and a copy of the Shuttle Amateur Radio Experiment Bulletin put together by AMSAT and the ARRL. Amateur Radio operators demonstrated voice transmission and packet via ham radio and showed how to track the shuttle and other spacecraft. Participants also had a hands-on opportunity to try packet and a table was set up for students to write letters to the astronauts.

The Lake Monroe Amateur Radio Society has volunteered to give Amateur Radio classes designed for the hearing impaired. Several students have already signed up.

Rothert says that he would like to get in touch with deaf and hearing impaired hams. He's also looking for any ideas that may help make Amateur Radio more exciting and inviting for these young people. His address is:

14131 Hunter Grove Dr.
Orlando, FL
32828

(*****
HAMS HELP MASONS

Ham radio has assisted the Masons in a major midwest event.

Amateur Radio operators from the Middle State Amateur Radio Club of Franklin, Indiana provided communications for the annual Masonic home pilgrimage. He year the Franklin based facility invites Masons and Eastern Star members to tour the grounds and visit the facilities.

The amateur radio operators help with parking, give directions and stayed alert for any medical problems that might have occurred during the event.

According to event communications coordinator Bob Doles, WB9AYB, the hams provided an extra sense of security to the many elderly residents and visitors.

(*****
W1FZ AND WIFE HONORED FOR $2 MILLION CONTRIBUTION

Some names in the news. First are Jim and Beulah Thayer who have been honored for their generosity. This, on August 25, 1996, at a dedication ceremony for the new Farmington, New Hampshire, High School.

Jim Thayer is W1FZ. He and his wife donated two million dollars toward the school project.

Arthur Westneat, W1AM reports that several hundred area residents turned out to give the couple a standing ovation and to present them with a watercolor painting of the new school.

Jim Thayer was president of a local bank in Farmington and owned the local telephone company. A ham since 1921, he is also a member of the Great Bay Amateur Radio Association.

(*****
CUSHY WINNER

Ernest Lester, VE2AVX, of Quebec, Canada is the winner of the Project Gold drawing sponsored by Cushcraft at the 1996 Dayton Hamvention. At an award presentation at Cushcraft headquarters in Manchester, New Hampshire, Lester picked up a 24-karat solid gold coin plus the first antenna in Cushcraft's new line of Project Gold series of VHF/UHF mobile antennas. He

also was treated to a guided tour of the Cushcraft plant.

(*****
SA AMSAT ELECTS NEW PRESIDENT

Hans van de Groenendaal ZS5AKV has been elected as President of South Africa AMSAT. He replaces Gerald Klatzko, ZS6BTD who headed up the Southern African Group for the past two years.

Tony Reumerman, ZS6AOG was elected as Vice President with Hennie Rheeder, ZS6ALN as Satellite Development Manager and Laurie Deveraux, ZS5DL as Secretary/Treasurer.

(*****
NEW MIR FREQUENCIES

News from the ham radio space program. Word that a set of new recommended frequencies for future Mir and International Space Station operations has been agreed on and released by AMSAT organizations worldwide. For voice contacts, the recommended channels are 144.45 and 155.47 MHZ uplink and 145.81 MHZ as the downlink. Packet operation will use 144.49 MHZ uplink and 145.81 MHZ to downlink.

A secondary downlink of 145.84 MHZ will be used to avoid interference when the two space platforms are in close proximity. Any simplex operations will probably use 144.45, 145.47 and 145.49 MHZ.

(*****
PHASE 3D UPDATE

Some good news for AMSAT. Jean-Marie Luton who is the Director General of the European Space Agency and Alain Bensoussan, Chairman of the French Space Agency say that the launch of Ariane 502 has now been tentatively set for mid-April, 1997. It is also now confirmed that the Phase 3D International Amateur Radio Satellite will be on this flight. The other payloads are to be a pair of technological measurement packages for validation of the launch vehicle's ability to place two satellites into a geostationary transfer orbit.

(*****
VITA

Volunteers in Technical Assistance -- a service with deep roots in Amateur Radio -- will use its Vitasat technology to carry digital signals for the Global Learning and Observations to Support the Environment program. Globe as the program is known is an Internet based international project that gives primary and secondary school students the opportunity to conduct experiments and take part in environmental studies. For this project, Vitasat will use a transponder provided by Final Analysis Inc. of Greenbelt Maryland that should be launched from Russia later this month.

(*****
DX

In DX, Members of the Oklahoma DX Association are returning to Belau and should be on as we go to air. N5CG and N5OK will be operating all bands from 10 through 160 meters, including the WARC bands on CW and SSB. Normal DX operating frequencies will be used. QSL to the:

Belau DXpedition
Box 88
Morris, Oklahoma
74445

Also, TF1MM, continues to be active as OD5/TF1MM from Naqoura, South Lebanon. This is the UN headquarters and he has been permitted to use a 16 element Log Periodic. He was heard on 14.016 MHZ at 15:45 UTC and on 10.103 MHZ at 19:50 UTC. QSL via 4X4DX.

(*****
SE 6 METER REPEATER

AB5LG reports via America Onlines' ham radio bulletin board that his group has a new 6 Meter Repeater on the Air in Northeast Louisiana. It is installed south of Monroe at 1300 feet and should provide a good indication as to when the band is open to that part of the country. It is on 53.03 MHz out with the input is 1 MHz down at 52.03 MHz.

(*****
MARATHON - MARATHON

On Sunday, November 3rd ham radio will once again participate in the worlds largest non-emergency public service event. Its called the New York City Marathon, and it takes the services of over 400 hams to get it going and keep it going.

And on Marathon Sunday, ARRL First Vice President Steve Mendelsohn, WA2DHF dons yet another hat. That of ham radio communications director for the event:

"It is the biggest event of its type in the world. The biggest organized marathon in America certainly, with 30,000 runners, 12,000 volunteers, 3,000 people on the course. And it is the ultimate showcase for amateur radio to show the public what we do in helping to guide this event to a successful conclusion." WA2DHF

Steve Mendelsohn has been involved with the New York City Marathon almost since its inception. He developed the ham radio communications network used for the event. He says that the public is an important part of what the hams do:

"We are the heart and soul. We are the very central nervous system of the New York City Marathon. Everything runs through our radios and the public is almost glued to the radios listening. We make it a point to have people at the mile points bring little speakers so the public can hear a lot of what is going on and we tie the words amateur radio together with it putting an ARRL supplied yellow amateur radio sign under the speaker." WA2DHF

Again, the New York City Marathon takes place on Sunday, November 3rd.
It will be telecast nationwide on the WB Network.

If you tune in to watch, keep an eye out for WA2DHF and over 400 of your
fellow hams doing what all of us do best.

(*****
And for this week, that's all from the Amateur Radio Newsline. You can
write to us at:

NEWSLINE
P.O.Box 660937
Arcadia, California
91066

For now, with Bill Pasternak, WA6ITF at our editors desk, we ate
Newsline say 73 and we thank you for listening.

(* * * * * Newsline is copyright 1996 & all rights are reserved * * * * *

--
< ^^>
< "Big Steve" Coletti >
< Computer and Network Installation, Upgrades and Repair. >
< Internet: bigsteve@dorsai.org >
< I was balding, then I installed Windows 95 and pulled the rest out. >
< US Mail: P.O. Box 396, New York, NY 10002 >
< Fax Weekdays/Voice Weekends: +1 212 995-2637 >
~~~~~~
~~~~~~

5691. Amateur licensing exam 10/23/96 6 p.m., Coll Pk, MD

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: ham@w3eax.umd.edu
Message-ID: <54jtvd$3e3@dailyplanet.wam.umd.edu>
Source record: 214353

Amateur licensing exam to be held at Lasick's Beef House
in College Park, MD on Wed., 10/23/96. at 6 p.m.

Definitely giving Novice and Technician written exams,
if you would like to take other exams please let me know.

Thanks!
--
* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 138 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

5692. Re: Gate Two Day One ready?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: "Thomas J. Alessi" <Tom@Alessi.Com>
Message-ID: <326E06AA.CC4@Alessi.Com>
Source record: 214354

In <54bj1c$6ub@solaris.cc.vt.edu> jbmitch@vt.edu (John Mitchell) writes:
>
>Had a report from a ham who called FCC on Friday, 10-18. The word is that
>day one callsigns will be mailed out on Monday,10-21. Still nothing on
>the servers I monitor...

Another false alarm. Day 30 and counting....

Tom
--

Thomas J. Alessi, 147 Joffre Avenue, Stamford, Connecticut 06905-2933
203.977.5200 * Tom@Alessi.Com * http://www.discovernet.net/usr/alessi
---

5693. Re: Can Amatuer Radio survive ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: john@wd1v.mv.com
Message-ID: <john-2310960715200001@wd1v.mv.com>
Source record: 214355

In article <54e1jv$1an@anomaly.ideamation.com>,
kd1hz@anomaly.ideamation.com (Michael P. Deignan) wrote:

> In article <54dknl$28rq$2@news-s01.ca.us.ibm.net>, <rogerjb@ibm.net> wrote:
>
> >Most internet communications are not in real time.
>
> You've been on USENET too long. The popularity of IRC and now WebPhone
> is amazing. I have friends who work at Sun Microsystems and use WebPhone
> all the time to keep in contact with colleagues and friends around the
> country.
>

Ham Radio was the true beginning of the Wireless Internet. It will
ultimately explode. People will have the total ham radio experience
without the licensing as they teleconference freely thru our ether.
What hams do now as a "licensed privilege" will be everyone's
experience - only faster, better, stereo, color, digital, warp
speed, real-time, multi-tasking, AI smart, way kewl, near free,
fun communications with anyone they want to about anything they
want to. The world has shrunk to the size of your computer screen
and soon, you will too!

We can dance along the path and make billions of dollars providing
it or we can clutch our straight keys and resist change. Its
ultimately a personal choice - but certainly in the domain of how
we react to the inevitable, not whether the inevitable happens or
not.

As a rule of thumb, don't settle for less. Get a 64 bit 200 MHz CPU and
start designing things that move and use data as fast as you can.

73!

John D. Seney
http://www.mv.com/ipusers/wd1v

5694. ANARTS RTTY News Bulletin 931 20 October 1996.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-23 00:00:00 UTC
From: dave@eram.esi.com.au
Message-ID: <54l18d$2vg@eram.esi.com.au>
Source record: 214356
Cross-posted to: aus.radio.amateur.misc,rec.radio.amateur.misc,rec.radio.info

[ANARTS - Australian National Amateur Radio Teletype Society]

This is the Australian National Amateur Radio Society with
our weekly RRTY Broadcast. We transmit the cast on the
following frequencies and times :

3.545 MHz (Plus/minus 5) 0930 UTC VK2CTD (COL)
7.045 MHz -3 0030 UTC VK2CTD (COL)
14.070 MHz (amtor/fec) 0030 UTC VK2DPM (ALAN)
14.091 MHz 0030 UTC VK2DPM (ALAN)
146.675 MHz 0030/0930 UTC VK2JPA (PAT)
144.850 MHz (ax25 bbs) VK2JPA AT VK2WI
146.675 MHz (rtty mmbbs/repeater) VK2RTY

INTERNET RADIO-INFO-DIST AT UCSD.EDU

Views expressed in this news bulletin are not necessarily
those of the Broadcast Officer, the Relay Officers, or of the
Society.

A.N.A.R.T.S. News Bulletin 931 20 October 1996.

COLS COLUMN

I HOPE YOU WERE ALL ABLE TO GET A COPY OF THE CONTEST RESULTS
LAST WEEK. I ALSO PUT THE FULL RESULTS ONTO THE PACKET SYSTEM
WW, INCLUDING SUCH ITEMS AS :
QSO POINTS, NR OF MULTI'S, NR OF CONTINENTS AND VK BONUS
POINTS. AS WELL I PUT ONTO PACKET : REMARKS FROM CONTESTANTS,
THE CONTEST MANAGERS REPORT AND THE 97 CONTEST RULES.

GETTING BACK TO THE SERIES REGARDING EARLY TELEGRAPH SYSTEMS,
I MENTION PEOPLES NAMES WITHOUT ANY BACKGROUND KNOWLEDGE OF
THEM. HERE ARE A FEW OF THE PEOPLE MENTIONED SO FAR IN THE
SERIES :

ANDRE MARIE AMPERE (1775-1836). HE WAS A FRENCH PHYSICIST, AND
PROFESSOR OF PHYSICS AT BOURG AND OF MATHEMATICS AT ECOLE
POLYTECHNIQUE PARIS. HE WROTE MANY SCIENTIFIC PAPERS, BUT IS
CHIEFLY REMEMBERED FOR HIS MATHEMATICAL ANALYSIS OF OERSTED'S
ELECTROMAGETIC DISCOVERIES. HIS NAME IS GIVEN TO THE UNIT OF
CURRENT.

WILLIAM FOTHERGILL COOKE. (1806-79). WAS A READER IN MEDICINE
AT DURHAM UNIVERSITY ENGLAND. JOINED THE INDIAN ARMY BUT WAS

INVALIDED OUT. STUDIED ANATOMY IN PARIS AND WORKED IN HEIDELBERG WHERE HE BECAME INTERESTED IN TELEGRAPHY. KNIGHTED FOR HIS WORK ON THE TELEGRAPH.

HANS CHRISTIAN OERSTED (1777-1851). WAS PROFESSOR OF PHYSICS AT COPENHAGEN. RECEIVED THE COPLEY MEDAL FOR WORK ON ELECTRO-MAGNETISM.

SIR FRANCIS RONALDS (1788-1873). HON. DIRECTORY OF KEW OBSERVATORY, WAS KNIGHTED IN 1870 ON THE RECOMMENDATION OF PRIME MINISTER GLADSTONE IN RECOGNITION OF HIS ''LABOURS IN TELEGRAPHIC INVESTIGATIONS''.

BARON PAWEL LOWITCH SCHILLING (1786-1837). MILITARY ATTACHE TO THE RUSSION EMBASSY AT MUNICH IN THE FIRST DECADE OF THE 19TH CENTURY. WORKED IN LITHOGRAPHY AND TRAVELLED EXTENSIVELY IN CHINA AND EUROPE COLLECTING OBJECT OF SCIENTIFIC INTEREST.

COUNT ALESSANDRE GUISEPPE VOLTA (1745-1827). AN ITALIAN PHYSICIST. PROFESSOR OF PHYSICS AT PAVIA IN 1779. PERFORMED EXPERIMENTS IN PARIS BEFORE NAPOLEON WHO STRUCK A MEDAL IN HIS NAME. AWARDED COPlEY MEDAL IN 1791. INVENTED THE 'VOLTAIC PILE', THE FIRST ELECTRIC BATTERY. HIS NAME IS GIVEN TO THE UNIT OF ELECTRICAL PRESSURE.

THATS ALL FOR THIS WEEK, THERE WILL BE MORE THUMBNAIL SKETCHES OF OTHER EARLY EXPERIMENTERS ASSOCIATED WITH TELEGRAPHY LATER WHEN WE GET TO THEIR PART IN THE SUBJECT.
73 FOR NOW DE COL

WEEKLY SOLAR AND GEOPHYSICAL REPORT

(11 OCTOBER - 17 OCTOBER)

ISSUED ON 18 OCTOBER 1996

SUMMARY
Date 11 12 13 14 15 16 17
10cm 67 67 68 69 69 69 69
A 7 16 16 12 5 8 (4 estimated)
T -6 -9 -27 -16 -7 -7 -16

SOLAR ACTIVITY WAS VERY LOW ALL WEEK.

THE GEOMAGNETIC FIELD AT LEARMONTH W.A. WAS QUIET TO UNSETTLED 11TH TO 12TH, AND 14TH; UNSETTLED TO ACTIVE 13TH AND 16TH; AND QUIET ON 15TH AND 17TH. THERE WERE BRIEF ACTIVE PERIODS ON 11TH AND 12TH.

THERE WAS NO DATA AVAILABLE FOR MAXIMUM USABLE FREQUENCIES IN THE SYDNEY AREA ON 11TH TO 13TH. MAXIMUM USABLE FREQUENCIES AT SYDNEY WERE DEPRESSED TO 15 PER CENT ON 14TH AND 16TH,

DEPRESSED 15 TO 30 PER CENT IN THE MIDDLE OF THE UTC DAY ON 17TH, OTHERWISE NEAR PREDICTED MONTHLY VALUES. SOME SPORADIC E WAS REPORTED ON 15TH OCTOBER.

A GEOMAGNETIC STORM WARNING HAS BEEN ISSUED FOR 17TH TO 20TH.

FORECAST (18 OCTOBER - 24 OCTOBER)

SOLAR: VERY LOW

GEOMAGNETIC: UNSETTLED TO ACTIVE CONDITIONS LIKELY FOR 18TH TO 20TH, OTHERWISE QUIET TO UNSETTLED.

FREQUENCIES: 20 PER CENT DEPRESSED PERIODS LIKELY 18TH TO 20TH, THEN NEAR NORMAL PREDICTED MONTHLY VALUES.

COURTESY OF IPS RADIO AND SPACE SERVICES

RTDX1011 RTTY DX
VK2SG RTTY DX NOTES FOR WEEKENDING OCT. 11, 1996 (BID RTDX1011)

Our thanks this week go to : ZS5S, W2JGR, WB2CJL, W5KSI, AA5AU, KR4QQ, N1AC, DF2KU, DJ5JK, ON6TT, ON4GG, PA0HVF, IK8VRN, I5KG, I5IGQ, I1JQJ, and the 425 DXgang, DJ3IW and the Central-Europe DX Cluster DB0SPC, the NJ0M Node of Minnesota and the IK5PWJ Cluster.

BANDPASS:
FRIDAY 4
0600-14069 TL8MS Pactor
1052-14086 UA2AO Kaliningrad
1100-14069 9Q5LAC Pactor
1228-14089 ER3KS
1230-14089 RA1WU
1232-14084 4S7NR
1350-14084 PJ2MI
1523-14084 4S7NR
1531-14084 V85GA
1616-14085 4L1BR
1744-14084 3DA0CA
1820-14083 FM/PA3ERC
1944-14088 KH6F

SATURDAY 5
1141-14083 WP4Q
1202-14083 CN1AB
1222-14083 YL1XX
1224-14087 OY4TN
1325-14085 4Z5AV
1344-14081 YL2DX
1414-14088 5B4VX
1433-14088 EA6ZS

1513-14085 V85GA
1603-21088 PY1SI
1610-14081 IL3/IK2XDE/P Boccasette Is. (IIA RO-014)
1635-14086 ZD7SM
1721-14083 SV2ASP/A
1808-14086 EA9JZ
1954-14086 KH6ITY
2010-14088 EA8RA
2021-14088 FG5FI
2047-14093 J38FR
2156-14086 XT2DP
2310-14083 RZ1ZZ
2323-14086 LW2DMF
2345-14081 KG4AU QSL via N5FTR

SUNDAY 6
0600- 7040 CX8DX
0613-14083 JT1FBB
0902-14086-9G1UW
0921-14082 UN5PR
1225-14082 7NEAWE
1226-14085 EW1DM/QRP
1239-14090 YL2DX
1248-14081 Z31GX
1256-14081 RW6BK
1302-14084 3Z6AEF
1513-14087 5B4VX
1551-14085 JX7DFA
1630-21083 9G1UW
1630-14089 YL1XX
1716-14084 EA9MY
1814-14083 4L1BR
2007-14087 J38FR
2110-14083 HK3SGP
2124-14083 PJ2MI
2135-14087 XT2DP
2155-14080 5X1T
2219-14082 FO5OP
2248-14085 XE1CI
2301-14085 AZ7FAF

SUNDAY 6
0600- 7040 CX8DX
0613-14083 JT1FBB
0902-14086-9G1UW
0921-14082 UN5PR
1225-14082 7NEAWE
1226-14085 EW1DM/QRP
1239-14090 YL2DX
1248-14081 Z31GX
1256-14081 RW6BK

1302-14084 3Z6AEF
1513-14087 5B4VX
1551-14085 JX7DFA
1630-21083 9G1UW
1630-14089 YL1XX
1716-14084 EA9MY
1814-14083 4L1BR
2007-14087 J38FR
2110-14083 HK3SGP
2124-14083 PJ2MI
2135-14087 XT2DP
2155-14080 5X1T
2219-14082 FO5OP
2248-14085 XE1CI
2301-14085 AZ7FAF

MONDAY 7
2052-14082 KH6DRT
2055-14084 WP4Q
2322-14083 LW2DFM

TUESDAY 8
1104-14076 4L2M Pactor
1223-14086 YL1XX
1542-14084 EA8RA
1621-14083 4L1BR QSL via SP7MTL
1806-14086 YL2DX
1907-14084 4Z5AO
2207-14083 WP4Q

WEDNESDAY 9
1148-14080 OY4TN
1521-14090 VY2RO
1549-14089 4Z5AO
1701-14085 3V8BB QSL via W6/G0AZT direct only.

THURSDAY 10
0154-14084 RA0FU
0822-14085 4L1BR
1121-14090 YL1XX
1201-14087 3V8BB

Notes of Interest:

MAYANMAR, XZ. Latest expedition update infos for XZ1N operation report that OH2BH, K5VT, N6BT, AB6ZV, and WA6CDR will arrive in Yangon on Nov. 16th and may even be QRV that evening. A special event station running on Nov. 18th. From Nov. 19th through Nov. 22, three stations will be on all bands and most modes CW, SSB, and RTTY. On Nov. 23rd and 24th, XZ1N will be active in the 1996 CQ World Wide CW DX Contest as a multi-multi entry from Zone 26.

UGANDA, 5X. Peter, ON6TT is passing the following infos concerning the activity from this place.....5X1D will be leaving the country on Oct. 11th and another Swedish ham will replace him. 5X1B is still active from the same QTH, Arua, North Uganda, last week, and is back on the air. QSL manager for Paul is K3SW. Peter reports that QSL cards for his activity as 5X1T are now in printing. His manager ON5NT has all the logs. With this call he made about 8,000 QSO's of which about 1500 in RTTY.

RODRIGUEZ ISLANDS, 3B9. Jon, EA2KL, and Luis, EA3ELM, should be on from Rodriquez Is. around Oct. 31st to Nov. 5th. They plan to be active on 80-10 meters including CW, SSB and RTTY.

The VK2SG RTTY DX Notes are also available on the Internet at reflector digital-dx(at)st.rim.or.jp . and the OH2BUA Webcluster at URL http://www.clinet.fi/jukka/webcluster.html

For next week's bulletin send your bandpass to Bob, WB2CJL at W5KSI.(HASHSIGN)NOLA.LA.NA.

GL de (DX2) Luciano, I5FLN at ZS5S.ZAF.AF

ARLD046 DX news

This week's bulletin was made possible with info provided by Tedd, KB8NW, The OPDX Bulletin, The Island News, The DX Bulletin, QRZ DX, KA2AEV, the Yankee Clipper Contest Club PacketCluster network and Contest Corral from QST. Thanks to all.

MARTIM VAZ ISLAND, PY0M. Stuckert, PT2GTI, Paul, PT2NP and Lunkes, PT2HF are now active as ZV0MB on SSB and ZV0MV on CW. Look for them on the SSB IOTA frequencies and 5/10 kHz from the band edge on CW. QSL only via PT2GTI. Cards can be sent either direct or via the bureau. Their land coordinator, Ari, PT2BW, will assist them on the Brazil DX Net on 14240 kHz at 0900z.

TOKELAU, ZK3. The Island News reports Yvette, F3YA, will be active for the next three years as ZK3YA. Look for Yvette on 7003 kHz between 1000 and 1100z. QSL via home callsign.

RODRIGUEZ ISLAND, 3B9. Jon, EA2KL, and Luis, EA3ELM, are planning to be active from here October 31 to November 5. If they receive an OK from the Ministry of Communications in Mauritius, they plan to be active on 80 through 10 meters including the new bands. Operations will be on CW, SSB and RTTY. No QSL information at this time.

BARBADOS, 8P. Jack, K3KG, Steve, callsign not provide, John, N6YRU, and Vic, KI6IM, will be active as 8P9Z as a multi/single effort in the CQWW SSB Contest, October 26 and

27.

TONGA, A3. Bob, W7TSQ, will be active as A35SQ from October 16 to 28. His operation will include participation in the CQWW Contest on all bands except perhaps 160.

FIJI, 3D2. Ron, ZL1AMO, is active from Fiji as 3D2RW. Activity is mainly CW on 80, 40 and 15 meters though he was also heard on SSB operating around 3796 to 3799 kHz at 1145z. Ron stated he would be leaving for Tuvalu soon and would be active as T28RW. QSL via ZL1AMO.

BRUNEI, V8. Look for Hajime, JO1RUR, as V85HG, in the CQWW SSB Contest. QSL via JH7FQK.

BELIZE, V3. Jerry, K0BCN, will activate V31MX from Caye Caulker and will also be participating in the CQWW Contest. QSL via his home call.

ANTIGUA, V2. Look for Team Antigua as V26B with a multi/multi effort in the CQWW SSB Contest. They will be offering special certificates for working V26B on 5 or 6 modes. They will attempt to be active on the new bands, 160 meters and some satellites. QSL information is V26A via N3BNA, V26AK via WB2P, V26B via WT3Q, V26DX via KK3S, V26E via AB2E, V26R via KA2AEV, V26RN via KR2J, V26T via K3MQH, V26TS via KF3P, V26U via WA2UDT and K4VUD via his home call.

QSL MANAGER UPDATE. Whitey, K1VV, states he is not the QSL Manager for EP2EXX. He has been receiving DX QSLs every day for EP2EXX and doesn't know how he got listed as his manager.

The Ohio/Penn Dx PacketCluster
DX Bulletin No. 273

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, K1VV, WU1F, W5IJU & Island News, W7TSQ, WA8JOC, K0DEQ, KI0W, I4UFH, LU6EF, PA3GBQ, PT2NP, PS7AB and SM0BFJ following DX information.

8P, BARBADOS. Jack/K3KG, Steve/(callsign not provide), John/N6YRU and Vic/KI6IM will be active as 8P9Z as a Multi/Single effort in the CQWW SSB Contest, October 26-27th.

9G, GHANA. Steve, PA3GBQ, reports he will once again spend his holiday in Ghana. He will be there in time to participate in the ARRL CW Contest (and possibly the SSB one also). His callsign will be 9G5BQ, and he has some plans to operate from on top of a mountain with nothing between USA and antenna than air. He has not yet decided what category to run (Single Op/ Multi or Single Band). Steve states he will also try to get a

license for 160 meter this year (This is not allowed with a
9G5 callsign.).

COMING EVENTS

OCTOBER 19TH-20TH JARTS WW RTTY

Society information

The Society may be contacted at : PO Box 860, Crows Nest 2065
Australia, for such matters as membership and general
enquiries. Enquiries can also be made by packet to the
President (Col) VK2CTD at VKWI2, or the Secretary (Pat) VK2JPA
at VK2WI.

Email address for the Broadcast Officer is :

patl(at)pitt.conmusic.su.oz.au
or patl(at)extro.ucc.su.oz.au

73s de Pat VK2JPA Broadcast Officer

--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2KFU.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | D8 15 71 F9 26 C8 63 40 5E 63 5C 65 FC A0 22 99

5695. Re: Pro-code agenda ??? Hogwash...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: adell@planet.net
Message-ID: <MPG.cd9e54e5c788c3f9896a0@news.planet.net>
Source record: 214108
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <54o9vo$lqv@news.ais.net>, carl@ais.net
says...
> So you never have had any understanding of your obligations under Part
> 97.1???

Like a sailboat in a stiff breeze, Carl the troll takes
a new tack. FUD's and strawman logic. Can't win the
first battle so try for something new...tsk tsk
pitiful truly pitiful. Tell me Carl, has the FCC ever
enforced your precious Part 97.1???

Lemme see.. dxing, rag chewing, talking around the
world. According to Carl, useless wastes of amateur
frequencies and illegal according to his precious 97.1.
Yet.. 97.1 (e) continuatioon and extension of the
amateurs's unique ability to enhance international
goodwill HMMMMM according to this amateurs practicing
the forbidden naughty bits (as per Carl) are following
the provisions of 97.1.

Actually, there is nothing in 97.1 that supports Carl
at all.

(a) Recognition and enhancement of the value of the
amateur radio service to the public as a voluntary
noncommercial communications service, particularily
with respect to emergency communications. HMMMM
dealing with emergency communications like hurricane
nets and the like

(b) continuation and extension of the anateur;s proven
ability to contribute to the advancement of the radio
art. Lemme see...nothing here about building your own
equipment. Actually this is open to a wide range of
interpretation.

(c) encouragement and improvement of the amateur
service through rules which provide for advancing
skills in both the communication and technical phases
of the art. AHHH here is Carls' part. Yet, it also
calls for the advancing communication skills..like
CW..a form of communications

(d) expansion of the existing resevior within the
amateur radio service of trained operators, technicians

and electronic experts. HMMMM nothing here that says
anything about EVERY operator having to meet these
qualifications is there??? I can be a trained operator
yet not an electronics expert and still be in
compliance

FUD's and strawman logic
As far as I can see, even an appliance operator more
than meets the requirements of the very rules that Carl
is using to insult the vast majority of operators..
coded and non coded alike.

Once again, Carl's true colors and lack of backbone
shine thru like the troll he truly is tsk tsk tsk
>
> No, it's more like "Get your backward, unnecessary roadblocks out of our
> way and let us do some useful work here ..."

Men working??? more like men standing around pissing
and moaning.

>
> Oh, yeah? How do you propose that they develop and test the latest
> fade-resistant high-speed HF modem technologies without access to the HF
> fading channel???
>
> It's bogus to say that 50MHz and up is "all anyone should need" ... it's
> more like "that's all you want to grudgingly give them"
>

Gee Carl, you have access to HF frequencies..what have
you developed lately?? to quote YOU Nothing NADA
ZIP....
Besides with the advent of cable modems and the like,
why would high speed HF modem technology be even
needed. Are you suggesting that this is the wave of
the future. Sounds pretty good to me. A technology
that is good for 3-4 years out of 11...very efficient
use of spectrum.

> Carl - wa6vse I am King of Trolls there is none else
>
>

--
Steve - KF2TI (Advanced Class & Damned Proud of IT!)
ARRL LIFE MEMBER

No Code or Know Code...Who Cares?? CARL do

How can you be in Two Places at Once When You're
Not Anywhere at All??

5696. Standard C5900DA Reviews.....

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: Patrick Cook <pcook@dimensional.com>
Message-ID: <Pine.SUN.3.95.961024215747.16267B-100000@nova.dimensional.com>
Source record: 214109
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

Hi everyone:

I just saw the ad in the AES Catalog for the Standard C5900DA 6 meter, 2 meter and 70 cm. Tri-Bander and am thinking of getting one since I lost 6 meters when I had to sell my Kenwood TS690S.

My question is whether or not it'd be worth selling (if not trading) my Yaesu FT-5100 Dual-Bander for it. Anyone have any experience operating the C5900DA and if so, what are the pros and cons of this rig???

Many thanks in advance and I look forward to hearing some thoughts on this apparently new rig!! :-)

73's for now my friends!! :-)

Patrick Cook, KB0OXD
Denver, Colorado
DM79

5697. ACT Dumb? RS Salesdroids ARE dumb!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <54o8cp$1abg@usenetw1.news.prodigy.com>
Source record: 214110

>>So, if these droids start selling the HTX-202 as GMRS, scoff at them,
>>report their wrong "Answers (tm)" to a supervisory level (even if its
>>above the manager)...and then piss 'em off like I did. Direct the
poor
>>customer out the DOOR! (slam) (Note: I do not work for RS, that's the
>>funny part!)
>
>Hmmm...they do that in your area too, huh?
>
>Reminds me of the time I overheard Sammy Salesdroid trying to sell HTX-
>202s to a construction foreman because "they have more channels and talk

>further than these do." ("These" being the standard CB walkie-talkies)
>
>License? What license? DUH!!!!
>
>"You've got questions, we've got Salesdroids."
>
>
>-Drew in Sunny Central Florida-

5698. Re: Vanity Callsign Update

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: Michael Herron <GHURRICANE@gnn.com>
Message-ID: <54pjrj$9l2@news-e2b.gnn.com>
Source record: 214111

By the end of what week?? See, another loophole! I loved the last word on it from the "spokesman" who HAZARDS a GUESS that IF ALL GOES WELL they SHOULD..... Hey! Talk about a born politician who will tell you exactly what you want to hear and actually say nothing at all!! Any comments? Its more fun than the code no code (Carl no Carl) waste of time stuff around here at least!!

5699. Re: WA2OEG interference

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: 72527.01012@compuserve.com
Message-ID: <54of5d$qne@arl-news-svc-6.compuserve.com>
Source record: 214112

>>>I'm looking for assistance in trying to resolve a persistent
>>>interference problem. A simplex phone patch identifying as WA2OEG has
>>>been on our repeater input on 147.595 for quite some time.
>>
>>Isn't that simplex frequency? Or has the 2M band plan changed in the last
>>6 months? (That's how long it's been since I was on 2M).
>
>Not in this part of the country for well over 10 years.
>We have repeater inputs on:
>
>147.415
>147.430
>147.445
>147.460
>147.475
>147.490
>147.505
>147.595
>
>It's even documented in the ARRL repeater directory in the bandplan
>section.

>According to the bandplan, only the first and last frequencies are not
>within the listing for simplex operation. Those two seem to fall in a
>grey area.

>The simple thing to do would be go talk with the guy and explain to
>him what he has done. You make no mention of what has been tried so far.

>73,

>Bruce, WB4YUC

The big question is: Does your club have repeater coordination to use
the frequency pair 147.595/146.595? These 1 meg frequency pairs,
including this one, has been what they call "local option" for years.
If your local coordinator has issued you coordination for this frequency,
then in your local area this frequency is accepted for use as a repeater
input frequency. If you do not have coordination for the frequency, there
is little you can do to stop him. Even if you have coordination, you can
only inform him that he is interfering with a coordinated system. The FCC
rules state that when an interference problem arises with two users of
a frequency, the uncoordinated user has primary responsibility to
correct the problem and the coordinated user has secondary responsibility.
You cannot force him to stop using the frequency, you can only inform
him of his primary obligation to correct the problem.

Before I receive flames from other repeater owners, I own two repeaters in the Philadelphia area and have been putting up with another owner's (WA3RYQ in Hatfield, PA) remote repeater input/crossband repeater which falls on my input frequency. I have been putting up with this situation for over 8 years. Complaints to this guy from myself and the area coordinators were unanswered. Complaints filed to the FCC by myself and four other users that asked for rules enforcement under this rule of repeater coordination were ignored. I finally received a letter from the FCC that said, "We are sorry, but we no longer get involved with complaints involving amateur repeaters. Refer your problem to your local coordinator". So much for the FCC. They love to make rules that they cannot or will not enforce.

If this guy does not cooperate, remind him that his phone calls are being broadcast to many other people over a much wider area than he may like. Tell him that you will tape record and document the date and time of each call for future evidence of malicious interference. Spread the word about this guy's ignorance of the rules to other repeater owners and users. Although it still has not worked for me yet, I believe that the publicity and the constant pressure from the coordinators and repeater owners will eventually work. The guy who I am having a problem with only has four users of his system. I have a ton of people on my side who constantly bring up the subject with this guy and his four users every time they are heard on the air. I believe that they will get sick and tired of it sooner or later and move their repeater's input/crossband repeater to a frequency assigned for link use.

Good luck!

73 de WA3RVT, Steve

5700. Licensing procedures (was Re: Is the HTX 202 rely as bad as I have been told?)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: dvhunt@es.com
Message-ID: <54o9ip$9u2@escc.corp.es.com>
Source record: 214113

In article <1996Oct24.141917.3171@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
-> In article <54n9ih$1mv@anomaly.ideamation.com> kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:
-> >In article <1996Oct24.015934.1001@ke4zv.atl.ga.us>,
-> > Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
-> >
-> >>This is amazing. An Advanced class licensee who can't change a battery.
-> >
-> >Well Gary, sorry to say it, but this is the result of that "exams should be
-> >entry class license oriented because amateur radio is a life-long learning
-> >process; exams are not meant to be graduation exams" attitude that you have.
-> >
-> >That kind of attitude gives us exactly what you see here. Advanced-class
-> >hams that can't change batteries, extra-class licensees who can't build
-> >dipoles, and the list goes on and on.
->
-> Nice try, but KD7MK (formerly WB7AHD) was licensed long before
-> any of the "dumbing down" you complain about. That just proves
-> that the tests don't screen for the amateur can do spirit, and
-> never have. He earned admission to the laboratory, but like the
-> horse led to water, we can't make him drink. That's an internal
-> motivation he either has or he hasn't.
->
-> Gary

I passed my Advanced in about 1985. That was when the new question-pool thing was starting. I bought a book with all of the questions and all of the answers and I knew the whole book by heart. I figured I would ace the test easily. Not bad for a Junior in high school.

Well, when I got to the test session, my heart sank. The VE's had made up their own questions! "They're not supposed to do that!" I thought angrilly.

But I started thru the exam anyway. It was _HARD_. I recognized the theory, but the questions were all screwed up. I was fearfull as it was corrected.

I missed 12 questions. (I think you were allowed to miss 13?) Man was I happy. Not only did I get my ticket, but I figured I actually deserved it and that I knew the material. (My call became KE7GW -- you can use that to date this. My dad passed his advanced that day, too.)

Sadly to say, however, I did not understand my extra theory as well. I picked up the extra book, studied it for a week, and passed the exam. Fortunately I

had already passed the code so I didn't have to worry about that. (The code took me 3 tries -- 5 correct, 6 correct, then 7 correct. And I've only made about 3 contacts on CW and will probably never make another. :-( )

(I have built a dipole before, tho! But that's when I was a general...)

Darvell

--
Darvell D. Hunt dvhunt@es.com
Evans & Sutherland Computer Corp.
Salt Lake City, Utah

5701. Re: Carl's OUTRAGEOUS charges debunked

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: steve <kd6fyk@wco.com>
Message-ID: <326FB51F.2D71@wco.com>
Source record: 214114
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Jim Conn wrote:
>
> Carl Stevenson wrote:
> >
> > Please read this in its entirety ... it starts out a bit slow, but Jim
> > really loses it towards the end and reveals the REAL pro-code agenda
>
> (snip, snip, Carl's repost)
>
> > Carl - wa6vse
> > carl@ais.net
>
> Sorry Carl, I didn't lose anything. You lost your argument, I didn't. I
> simply said (I know you have limited HF experience, Carl, so you may
> not understand this) that the numbers of those having access to the HF
> bands must be limited to a reasonable number to prevent world-wide QRM.
> VHF and UHF are line-of-sight, so these bands do not have the potential
> for interference that HF does. You can scream your lies and
> misrepresentations all you wish, but you're wrong on this, and you
> know it.
>
> To other readers who may not know what we are discussing, Carl insists on
> wasting space by reposting using a different heading so no one will see
> that I have already replied under another heading. Let me simply say,
> please read my answer to his ridiculous, phoney allegation that I posted
> under the thread "Re: Nother Pro-Code Luddite".
>
> Thank you for ignoring this ridiculous double-post, cross-post of Carl's.
>
> 73,
> Jim - AD4VL

PROBABLY AFTER ALL THIS TIME,NOBODY CARES ANAY MORE.SOME WANT THIS
AND SOME WANT THAT.BIG DEAL. STEVE

5702. Re: 'Nother Pro-code Luddite

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <54om0v$23n@anomaly.ideamation.com>
Source record: 214115

In article <54o8i1$lqv@news.ais.net>, Carl Stevenson <carl@ais.net> wrote:

>>If that's the case, then using the term luddite to describe the pro-code
>>testing crowd is clearly incorrect, since nobody in the pro-code crowd
>>is at all opposed to technological progress, increased productivity, or
>>greater efficiency.
>
>Mike, that's a ridiculous statement ... the "CW forever" crowd DOES
>contain a lot of olde fartz who clearly feel and state that "real ham
>pound brass" and anything else is just so much newfangled, modernistic
>hocus-pocus and they don't want 'nuthin to do with it ... and they don't
>want it cluttering up "their bands" either ...

Carl, that's a ridiculous statement ... while I'm sure that there are some
"CW ONLY!" people in the general ham population (after all, its to be
expected just as there are RTTY-only and SSTV-only people), I don't know of
any of these on the Internet offhand.

There are operators that >operate< CW-only, because they enjoy doing so.
Now, perhaps you'd like to argue that they shouldn't be having fun when
they are on the radio because the Amateur Radio Service doesn't contain
as one of its purposes in Part 97.1 the concept of "having fun". However,
I'm sure Jim and Jeff (the two CW-only operators I know of offhand)
would disagree, and probably think that your latest super-duper gee-whiz
techno-mech radio invention is "boring" to use.

I can understand that viewpoint. Some people consider it a challenge to
use the tools available at hand (notch filters, IF filters, and so on)
to manually tune in a signal and copy some distant station. Having the
computer do it takes all the "fun" out of it. [Personally, I find it
annoyingly aggravating trying to copy someone through my 250hz CW
filter, but if that's what floats your boat, so be it.]

You have yet to grasp the concept that some people enjoy working with
basic systems. Complex systems have complex problems. Why use the
computer to write a short note when a pad and pencil will work just
fine?

Just as you have stated that your support for elimination of the
code exam on HF does not mean you support elimination of HF usage,
nobody in this newsgroup has ever supported restriction on experimentation
and usage of other "high-tech" modes. Some people may not want to >use<
them, but that's their option, just as you have an option not to use
CW if you so desire.

>>Equating one's believe that code testing should be maintained, for a
>>variety of reasons, does not mean that amateurs are hindered from making
>>gains in any of the three areas that you mentioned. HF access will not
>>yield technological progress, increased productivity, or greater
>>efficiency.
>
>Yes it does, yes it will ... backward requirements for obtaining a
>license are (and have been for decades) keeping qualified people with
>professional training and years of experience from participating in the
>modernization and advancement of our technological base

Oh pluheze, Carl. Do you have >ANY< factual evidence to support this
claim? Just give me a >single< study that someone conducted that supports
this claim.

You keep repeating this claim as if its some kind of gospel. No amount
of repeating it, however, will make it become "The Truth". You can
innovate and experiment on VHF+ just as easily as you can experiment
on HF (assuming, for a moment, that there was no FCC regulations to
hinder experimentation, which is another issue entirely.)

If these technically-competent, qualified people want to get involved
in amateur radio and build all kinds of new techno-gadgets, a 50-question
multiple-choice examination is all that stands in their way.

This was the rationale for the implementation of the codeless tech
license. There is absolutely >zero< evidence to support the claim
that eliminating CW examinations for HF access will in >ANY< way
contribute to any of the three goals that you mentioned.

Will elimination of the examination get some "technically qualified"
people involved? Sure it will. Elimination of any barrier-to-entry
means that a greater number of people will cross the threshold. You
could just as easily call for elimination of the theory examination
to get these "technically qualified" people involved -- because
elimination of either testing requirement means that more people,
by definition, will get involved.

Please explain how granting HF voice access to a bunch of people will
yield these three goals you claim. Explain why the requirement needs
>HF< access, and not merely VHF. Why are these goals not achievable
with VHF+?

>Now I recognize that some of you that I lump with the "pro-code
>Luddites" are really "pro-code I've got mine and now I want to keep
>everyone else out"ers ... I suspect that you're actually in the latter
>category, but you don't want to admit it ...

About the only people I'd like to "keep out" of the hobby are people
who ground their stations to the natural-gas pipe in their houses
(yes, I actually visited an "instant-Extra" ham-shack that did this
very thing).

Of course, I've been accused of having a white sheet and hood hanging up in my closet for years now, so I've grown to ignore most people's criticisms.

Effectively, what it all boils down to is this:
You have no factual evidence to support any of your claims regarding the pro-code crowd in these groups.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

5703. Re: Is the HTX 202 rely as bad as I have been told?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: trandall@mhv.net
Message-ID: <54ojn8$5b6@news.mhv.net>
Source record: 214116

In article <malarson-2410960736070001@cust20.max2.washington.dc.ms.uu.net>,
malarson@earthlink.net (Matt Larson) wrote:

>
> Not user replaceable ? Hogwash ! The user must be able to operate a
>soldering iron, but there are no great issues involved (just two tabs to
>the battery). Did it myself for almost nothing (cost of the battery, 2"
>of electrical tape).
>
> Other than that, I have found the 202 to be a good basic radio. I
>carry it for things I do not want to risk the 'good' HT doing. It's been
>used and abused hard over the last several years, and still perks along
>fine. A good basic HT in my book.
>
>Matt

The 202 is a great HT in my opinion. I'd like more detail as to how to
change out the battery though. Are the batteries readily available and what's
the stock number? The 202 takes a licking and keeps on ticking!

Tom

Tom Randall Amateur Radio - KB2SMS
trandall@mhv.net Mt. Beacon Amateur Radio Club / ARRL
Member: AAVSO Solar Division

Opinions herein are mine and may not be that of MHV.NET!

5704. Re: When MIKE became MIC

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: derose@looking-glass.caltech.edu
Message-ID: <derose.329.014DF886@looking-glass.caltech.edu>
Source record: 214117

In article <54hfiq$au7@nnrp1.news.primenet.com> markem@primenet.com (M. E. Monninger) writes:

>Then again, back in the old days, before capacitors had pF's (puffs) they had >mmF's, or mickey-mikes (mickey-mics????), or was it uuF's? But I digress...

To further digress, in "them" days capacitors were called "condensers" too.

Guy A. DeRose
Manager, Senior Physics Laboratory
Caltech

5705. $$$LOSE MONEY FAST! BIG SCAM!$$$

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: Crisis <jsp-sls@pacbell.net>
Message-ID: <32705AAB.7F46@pacbell.net>
Source record: 214118
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.snowmobiles,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketplace.vinyl,rec.music.makers.guitar.acoustic,rec.music.dylan,rec.music.artists.kiss,rec.motorcycles.dirt,rec.models.rockets,rec.games.video.classic,rec.games.video.advocacy,rec.games.roguelike.nethack,rec.games.frp.misc,rec.crafts.textiles.quilting,rec.crafts.metalworking,rec.collecting.dolls,rec.collecting.coins,rec.boats.paddle,rec.boats,rec.bicycles.racing,rec.bicycles.misc,rec.autos.makers.honda,rec.arts.sf.movies,rec.arts.movies.past-films,rec.arts.marching.drumcorps,rec.arts.bodyart,rec.aquaria.marine.reefs,rec.antiques.radio+phono

MacNetscape User at Texas A&M <user@tamu.edu> wrote something quite different from this, but if you ask me, the only real difference between this and what he wrote is the fact that, well, this is probably what really happens. I haven't tried it, but this is probably the way it goes:

IT CAN AND DOES HAPPEN!!

Taking 2 hours to read what follows can change your life:

HOW MUCH DO YOU SPEND ON LOTTERIES? AND HOW MUCH BETTER ARE THE ODDS? HOW MUCH DOES $50 BUY AT MCDONALD'S? DO YOU REALLY ENJOY IT? HOW MUCH DOES ONE MAGAZINE SUBSCRIPTION COST? MORE THAN THIS DOES MOST LIKELY...

I saw an article in an internet newsgroup telling me I could make $2.36 within a month for an investment of only $50. Who'd believe that? It's a scam right? YUP.

****
**Go away!
**DON'T READ ON!!!!!!!!!!!!!!!
****

This is a testimonial from one of the previous suckers. "I thought it was a huge joke. I spoke to my husband, attorney and friends about it, and they all agreed it was some kind of scam. I can't stand scams, because usually someone gets burned, and I didn't want it to be me. Of course, I rejected the idea at first. After a short period of about two weeks, I thought 'I have already heard of such things on usenet about a billion times, and boy, they suck.' I decided that even if I had to throw $50 into the fire it might be worth the opportunity to make $2.36. It would hurt my wallet one hell of a lot and gave it a try. After all my wallet could sure use a LOT less than $50 - it's getting kind of heavy."

Two weeks later, I began receiving money in the mail! I could not believe it! Soon pennies and then nickles began to roll in. Within 4 weeks, I had received a total of $2.08! It came from everywhere in the world. My bank account has changed its "+" into a big "-"!!! I bought myself a new box of crackers and other things I had wanted for a long time for my kids, like pocket lint."

Isn't that a horrid testimonial? If you follow the 18 steps below, there is no reason why the same shouldn't happen to you! This is not a legitimate investment opportunity. You invest $50, and you receive virtually no return on your investment. So does the next investor. NOT LEGAL, A CHAIN LETTER-PERFECTLY ILLEGITIMATE.

If you are not interested, then don't participate, but please print this article and pass it on to someone who may be interested, so they can wind up on the street eating grass and living in a cardboard box, just like me.

The procedure is ridiculous:

1) Write your name and address on 5,000 sheets of paper. Below that, write the words, "Please laugh at me and tell all your friends that I'm an idiot." put a penny or money order for $.01 in each piece of paper, shred 4,995 of them, and mail the remaining 5 to the following adresses:

1. Stimpson J. Cat
911 Sucker ave.
Whatever, SP 90210
Antarctica

2. Wilbur Cobb
Cardboard Box 676
Hobosville, MI 12345
Somewhere

3. Beavis
P.O. Box 10
Highland, WA 72735
USA

4. Butt-Head
P.O. Box 11
Highland, WA 72735
USA

5. (Name witheld because he's too embarassed to say he's part of this scam)
8 Ooga Booga ave., Apt 50,001
Whatever, LMNOP
North Pole

2) Now remove the top name from the list, and move the other four names up. In other words, #5 becomes #4 and so on. Put your name as the fifth on the list. Use a complex graphics engine such as a Silicon Graphics Onyx workstation, or a mainframe in Area 51.

3) Post the article to at least 2,000,000 newsgroups. There are over 25,000, so it should be just about impossible to do this crap. Try posting to as many newsgroups as you can, and the bigger the newsgroup is, the more people are sure to see your message and get ripped off just like you!

You are now in the mail order investment business, and should start seeing returns within a week or ten. Of course, the more newsgroups you post to, the more pennies you get. If you wish to remain anonymous, you may use a pseudonym, call yourself "The Pond Scum", "the Fool", whatever but make sure your address is incorrect. Then again, it doesn't really matter how anonymous you make yourself, because your name is, after all, at #5, but at least you kinda seem anonymous, I guess...

Now, here is why the system works for the guy that invented this scam and no one else:

--When you send you $50 to the people on the list, they are ordered to give all but $.01 to the idiot who thought this up.

--If they don't, well, s/he has they're adress, along with a collection of assault weapons...

--When you're name is at #5, you get $250. However, after fees and stuff, you only take in a nickel.

--We don't want the feds to figure out our little scheme, so we can't tell you the rest.

From time to time, when you see your name no longer on the list, which is going to happen faster than you can say "Look at all those pennies!", take the latest posting that appears in the newsgroups, and send out another $50, and
put your name at #5, and start posting again. Remember, 2 M postings is only a guideling. The more you post, the more people want to blast the crap out of you with an AK47.

Let's review why you shouldn't do this. THE ONLY COST IS $50, AND 5000 STAMPS, AND 5000 ENVELOPES. Anyone can afford $50 (not counting $1800 for postage - calculate it if you don't believe me) for such an idiotic investment with such PUNY RETURNS.

Some people have said "what happens if the scheme is played out an no one sends me any money?" Big deal, so you lose $1850-but what are the chances of that happening? Do you think that NOBODY is interested in an ILLEGAL chance of making such BIG money as $2.36??? And all for a microscopic investment of fifty separate dollars? Just think of all of the new Internet users that join the net every day!!!

Remember--read the instructions carefully, and play fairly. That's the only way this will work. 'Cause if you don't, we have...people...that can deal with you in a rather unpleasant manner.

BAD LUCK TO YOU ALL, and remember, play fair and you'll live.

5706. Pro-code agenda ??? Hogwash...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: Dave Hockaday <wb4iuy@ipass.net>
Message-ID: <326F99C3.69D2@ipass.net>
Source record: 214119
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Carl Stevenson wrote:
> Please read this in its entirety ... it starts out a bit slow, but Jim<snip..snip...snip snip snip>

Blah, Blah, blah....OK..whatever. New technology, CW worthiness debates, holding generation X back, etc., etc...whew. CW may be old hat by today's standards, but it's fun and _POLITE_. I work CW because I don't have to hear this kind of stuff, just friendly rag-chews and DXing.

I'm didn't become a ham to try and develop a new communications method/mode, I'm became a ham because it's fun and relaxing (at least on the digital modes). None of this noise. I can restore old gear, operate AM (!!) if I like (where people are also very friendly!), work DX, etc.. CW never held me back, nor anyone I've tested that actually _tried_ to learn it. I submit that the "drop code" movement is simply on par with the instant gratification mindset that seems to run rampant these days.

BTW, I know several codeless techs in the area who are involved in developing new technologies, building modern equipment, etc. The codeless license does exactly what you ask for...allows them access to everything above 50 mhz where they can experiment until their heart's content. The fact that they don't have access to _everything_ hasn't even slowed them down.

--
Dave Hockaday WB4IUY
wb4iuy@ipass.net

http://www.ipass.net/~hockaday/
http://www.ipass.net/~wb4iuy/
http://www.ipass.net/~teara/
http://www.geocities.com/TheTropics/3349/
http://www.RTPnet.org/~fcarc/
http://www.RTPnet.org/~rdrc/

5707. Re: Importance of coax length on HF A myth?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: Dave Hockaday <wb4iuy@ipass.net>
Message-ID: <326F9B52.614B@ipass.net>
Source record: 214120
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

James Pollock wrote:
> I have a friend who swears up and down that the length of the
> coaxial cable to maintain resonance at a given frequency is important
> for reducing the SWR. He feels that it acts in a similar principal to
> the fact that the elements of an antenna must be cut to the correct
> length for the antenna to be resonant at a given frequency.

Hi Jim. This is true if the feedline impedance is different than that of the antenna/transmitter. If you use 50 ohm feedline with a 50 ohm antenna/transmitter, any length is acceptable. If you substituted say, 75 ohm feedline, you would need to cut the feedline in 1/2 wl multiples (the impedance is repeated every 1/2 wl).

Dave Hockaday WB4IUY
wb4iuy@ipass.net

http://www.ipass.net/~hockaday/
http://www.ipass.net/~wb4iuy/
http://www.ipass.net/~teara/
http://www.geocities.com/TheTropics/3349/
http://www.RTPnet.org/~fcarc/
http://www.RTPnet.org/~rdrc/

5708. Trade for code requirement?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: Michael Herron <GHURRICANE@gnn.com>
Message-ID: <54pnv9$aej@news-e2b.gnn.com>
Source record: 214121

Since we will all be using digital modes in the future according to
the "Anti-Code" prophets and will likely be keyboarding alot, how
about we drop the code requirement for a typing requirement
starting at 30 wpm up to 60 wpm for higher classes of licenses???
Sounds as good as the other ideas presented around here!!

5709. Re: Importance of coax length on HF A myth?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: w7el@teleport.com
Message-ID: <54oqud$2b1@nadine.teleport.com>
Source record: 214122
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

In article <326f9582.61057836@news.santafe.edu>,
jpotter@jpaw.com (Jim Potter) wrote:

>The length of coax doesn't change the VSWR, assuming it's all the same
>impedance. However, the impedance at the transmitter output will be a
>function of cable length if the VSWR is not 1:1. Ultimately what
>matters is not the VSWR, but the impedance match to the transmitter.
>All that is required is a conjugate match so that the transmitter sees
>a resistive load of the right resistance at the output device.
>
>There is one way that the coax length affects VSWT. If the attenuation
>is high the VSWR gets better with length. Someone once said a good low
>power load for 144 MHz is 100 ft of RG-58. It doesn't matter too much
>what's on the far end.

There's one more way that cable length can affect VSWR. If common-mode current is present (that is, current is flowing on the outside of coax, or the currents in twinlead aren't equal and opposite), the feedline becomes part of the antenna. In that situation, changing the length of the feedline changes the antenna itself, which will affect VSWR.

VSWR can seem to change with cable length if the characteristic impedance of the VSWR meter isn't the same as that of the cable. I've measured RG-58 at over 60 ohms Z0, and a couple of cheap SWR meters I've looked at were off also, so I imagine this is a fairly common occurrence. In this case, the SWR doesn't really change with feedline length, but the SWR meter says it does.

Roy Lewallen, W7EL

5710. Re: Pro-code agenda ??? Hogwash...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: Dave Hockaday <wb4iuy@ipass.net>
Message-ID: <326FE05C.4BCF@ipass.net>
Source record: 214123
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

> So you never have had any understanding of your obligations under Part
> 97.1???

I understand a lot more than you think. I know this is a service, but it's also a hobby. You don't know me or my contributions to amateur radio, but I can say that for the last 22 years I have given until it hurts, and sometimes beyond. I've gone WAY out of my way to help newcomers, taught countless ham radio classes (even multiple general class classes and novice/speed CW classes), administered 100's of amateur exams, etc. However, there are no obligations that say I have to spend time developing your latest fade-resistant high-speed HF modem technologies (on a band where the baud rate is limited by law...). I _KNOW_ how easy it really is to work within the current system and upgrade, and I don't feel that it's hampering the development of emerging technologies.

> >I submit that the "drop code" movement is simply on par with
> >the instant gratification mindset that seems to run rampant these days.
> No, it's more like "Get your backward, unnecessary roadblocks out of our
> way and let us do some useful work here ..."

Right...fill up the bands with voice ops, "kicker back". What kind of hi-tech CFR 47 Sec. 97.1 work on the HF spectrum are you screaming about?

> >BTW, I know several codeless techs in the area who are involved in
> >developing new technologies, building modern equipment, etc. The codeless
> >license does exactly what you ask for...allows them access to everything
> >above 50 mhz where they can experiment until their heart's content. The
> >fact that they don't have access to _everything_ hasn't even slowed them
> >down.
> Oh, yeah? How do you propose that they develop and test the latest
> fade-resistant high-speed HF modem technologies without access to the HF
> fading channel???
> It's bogus to say that 50MHz and up is "all anyone should need" ... it's
> more like "that's all you want to grudgingly give them"

Pfffttt...do you realize that most any of the VHF/UHF/SHF bands have more available spectrum than all of the HF allocations put together? This arguement still sounds like "I want it _all_, I want it the easy way, and I want it right now_"...

5711. OPDX Special Contest Bulletin #275.1

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: kb8nw@barf80.nshore.org
Message-ID: <$opdx.275.1.1996@ampr.org>
Source record: 214124
Cross-posted to: rec.radio.amateur.misc,rec.radio.info

SB DX @ WW $OPDX.275.1
OPDX Special Contest Bulletin No. 275.1

The Ohio/Penn Dx PacketCluster
DX Bulletin No. 275.1 (Special Contest Edition)
BID: $OPDX.275.1
October 25, 1996
Editor Tedd Mirgliotta, KB8NW
Provided by BARF-80 BBS Cleveland, Ohio
Online at 216-237-8208 14400/9600/2400/1200/300 8/N/1

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, KA2AEV, WM2C, DF4RD, JE1CKA, JI3ERV, SV1CID and YB1AQS following DX information.

-=-
More Updated Information and Stations
to be active in this weekend's CQWW SSB DX Contest
-=-

3E, PANAMA. Roger, DL5RBW, and Andy, DL8RBR, are taking part in the Contest from Guenter's (HP1XVH's) QTH on Contadora Island (NA-072) as 3E1DX. Before the contest they will be active as HP1/homecall on the WARC bands and RTTY.

4M5, LA ORCHILA ISLAND. 4M5X will be the callsign used (not YV1OM from La Orchila Island as previously announced) for a Multi/Single entry from YV5JDP's QTH in Caracas, Venezuela. Operators are: WM2C, YV5JDP, YV5EED, YV5AMH, YV5LWM, YV5MHX and maybe a few others. QSLs for 4M5X, as for previous 4M5X operations, go to the WS4E mail drop. WS4E is not the QSL manager, but will get your QSLs to Caracas in a safe fashion. Please include sufficient postage for return from Venezuela.

AY7, ARGENTINA. Claudio, LU7DW, states he will sign AY7D in the contest as a Single OP/Single Band on 15 or 10 meters depending on the propagation.

C31, ANDORRA. Operators C31LD, C31LJ, and EA3NY have decided to be active in the contest as C31LD on 6 bands for this weekend. QSL via VE3HO. There have been many requests for them on 160. Look for them on 160 (1.837 +/-) around sunrise 0615z both mornings.

ED9, CEUTA. Jose, EA7KW/EH7KW, states the EA9EA group will be active as ED9EA as a Multi/Single entry from Ceuta.

FS, ST. MARTIN. Remeber to look for WX9E and N0BSH to operate as a Multi-Single using their host's QTH and call, FS5PL. They are currently

there and have been quite active on the bands especially on the low bands and WARC. They are currently signing FS/homecall and QSL via their homecalls. They are returning to the states on October 29th. QSL FS5PL via WX9E ONLY for 1996 ARRL CW & SSB and 1996 CQ WW SSB contests. Other FS5PL QSLs go to KG0UI or FG5BG.

NH2, GUAM. Four operators will be active as NH2C as a Multi-Single entry. Operators will be: JI3ERV/NH2C, JG3RPL/KF6BJ, JR3RVO/WX8M and JR7OMD/WI3O. QSL via JI3ERV. Their Sunrise/Sunset: 2014z/0756z. They suggest to look for them between 7075-7100 kHz on 40 meters.

KH0, MARIANA ISLAND. Look for KH0A (not KH0AM!) to be active as a Multi/Single. Operator will be JA1WSX/KH0Y, JE2PCY/AC6TN and JF1MIA/KH0A. QSL via JF1MIA, or bureau (which will be much appreciated). JF1MIA; Takashi Sugawara, 1-12-14 Kamisueyoshi, Tsurumi, Yokohama, Kanagawa 230, JAPAN

SV, GREECE. A radio amateur association of West Greece (RAAWG> will take part in the contest as SV1AFA. They will operate from Vlochos Mountain at an altitude of about 1000 meters! Their actual QTH will be inside the local monastery along with the cooperation of the local authorities. This place is also famous in Greece because of its archeological value. Near the monastery are the ruins of Thestieon acropolis which was constructed by King Laertes of Ithaka, father of the famous Odysseus from the Greek ancient mythology. Their contest category will be Multi-Op/Single with activity on 160-10 meters. QSL via SV1CIB.

TK, CORSICA. TK1A will be active instead of TK2C as announced earlier. Members of the Corse DX-Gang and the Bavarian Contest Club are taking part in the contest as a Multi/Multi class. QSL-information is: DF7RX, Bernhard Steibl, Kelheimwinzerstr. 40, D-93309 Kelheim or via bureau (DARC).

V26, ANTIGUA. Team Antigua will be active as V26B as a Multi-Operator/ Multi-transmitter catagory. In addition, the Team would also like to announce that both the 5 band and 6 band Certificates of Appreciation will be available once again for the 1996 operation. Briefly, to qualify for these Special Certificates of Appreciation you have to work V26B during the CQWW SSB Contest period on either 5 bands or to receive the Special Certificate of Appreciation, 6 bands! Members of Team Antigua will also make special attempts to be active on the WARC Bands, RTTY, 160 meters, as well as some Satellites! QSL via WT3Q.

YB, INDONESIA. Joerg, YB1AQS will participate as Single OP Allband from Bandung, West Java - Indonesia. He will be using a 3 element Quad at 65 ft. high on high bands. He will be looking especially for all of America (N-Middle-S) during contest.

YW1, VENEZUELA. The Paraguana Team in Venezuela will activate the contest station YW1A during the contest. The operator will be Italo, YV1AVO, and the category will be Single Operator Single Band (20 Meters) Phone.

ZX0F, FERNANDO DE NORONHA. Look for the Araucaria DX Group again to be active as ZX0F as a Multi-Op/Single. Operators are: PY5CC/Peter, N5FA/Jim, PY5EG/Oms, PY0FF/Andre and PY5GU/Gus. QSL via PY5EG, Atilano de Oms, P.O.Box 37, Curitiba - PR CEP 80001, BRAZIL

LATEST PROPAGATION FORECAST - "KH6BZF REPORTS"
BAD NEWS: A Geomagnetic Storm (MS) occured starting @ 23/0001 UTC due to Solar Winds from suspected Coronal Hole activity. This Minor Storm (MS) was forecasted to disrupt polar path and lessen DX. Hopefully this storminess will subdue by Friday, otherwise we are in for a long and very frustrating contest weekend.
Sorry, Lee, KH6BZF

-=-
OPDX INTERNET SUBSCRIBE/UNSUBSCRIBE REQUEST: opdx-request@nshore.org
OPDX WORLD-WIDE WEB HOME (provided by John, K8YSE):
http://www.en.com/users/k8yse/opdx.html
-=-
Excerpts and distribution of The OPDX Bulletin are granted as long as KB8NW/OPDX/BARF80 receive credit. To contribute DX info, call BARF-80 BBS online at 216-237-8208 14400/9600/2400/1200/300 and leave a message with the Sysop or send InterNet Mail to one of the two following addresses:
kb8nw@barf80.nshore.org -or- aq474@cleveland.freenet.edu
- OR - Send a message via packet to KB8NW @ WA8BXN.OH.USA.NA
- OR - Use the VOICE or FAX answering machine at 216-237-8208 which shares the same phone line as BARF-80 BBS using a data/fax/phone switch. To access: 1) Dial Number. 2) Wait for first ring (the second ring should be a false ring from the fax/data switch box) and then dial four quick ones ("1111"). (NOTE: Some FAX machines that send single "BEEPS" every second will not have to do this step.) 3) The phone will pick up and after the "BEEP" leave your voice message or FAX.

/EXIT

Tedd Mirgliotta KB8NW
InterNet: kb8nw@barf80.nshore.org
Basic Amateur Radio Frequency BBS (BARF-80) +1 216/237-8208
"Totally devoted to Amateur Radio" - 24 Hrs a day 8/N/1 14.4k-300 baud

5712. Re: Vanity Callsign Update

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: jbmitch@vt.edu
Message-ID: <54o7so$de7@solaris.cc.vt.edu>
Source record: 214125

In article <54m4gd$lpq@usenetw1.news.prodigy.com>, HWDX09A@prodigy.com
says...
>
>I had an e-mail from Larry Wiekert in the FCC's Gettysburg Licensing
>DIvision Monday where he said the hope to run the "Day 1's" by the end
of
>the week pending no compter problems.
>
>Robert Reed WB2DIN HWDX09A@PRODIGY.COM

Yes, it looks like we are getting close!

Talked to FCC representative "Gladys" on 10/22 at the toll free number
and was told the following:

1. Gate Two day one apps should all be entered in the "next few days"

2. All calls will then be issued in one batch, and should show up on
internet ftp sites and subsequent relay services the next day.

3. They will be mailed out within a few days from that point. (so the
earliest word will be via the internet)

Hope this all comes to pass!

John

5713. RE:Legal Action v.s. tech..

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: clint.bradford@atdbbs.com
Message-ID: <9610240029415582@atdbbs.com>
Source record: 214126

>>...I had a tech modify a Kenwood TH79AD dual band HT...

An Authorized KENWOOD Repair Center Technician???

What were the written warranties you received when the "tech" performed the mod?

Isn't this more of "let the modifier beware" rather than a case for litigation? I mean, you wanna face a judge and state that you had this guy modify your radio so that you could illegally access frequencies, and now you're upset?

5714. RE:New online survey asks--->Why aren't you an ARRL member?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: clint.bradford@atdbbs.com
Message-ID: <9610242015495592@atdbbs.com>
Source record: 214127

>>Why aren't you an ARRL member?

I question your motives, Raymond, in posting these so-called "results" here for us.

The questions are poorly worded. The overall "poll" is negative in tone, thereby enticing a biased audience to respond.

And, apparently, no one can enter their own response - or further explanation of their responses.

5715. Re: Opinion on Microphones

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: Rick Lapp <rickl@unix.asb.com>
Message-ID: <01bbc147$17f82dc0$1b80fea5@ricklunix.asb.com.asb.com>
Source record: 214158

Go inexpensive but great sounding: Any one of the Radio Shack Highball
mics. $29 up to about $50.
I had to add a series cap to take out a few lows.

Carlos Ramirez <carlosr@engr.csulb.edu> wrote in article
<54ednp$80m@hatathli.csulb.edu>...
> I was wandering if anybody have heard the shure 585sa or the
> electro voice-634a how do they compare to the mc-90 by kenwood? I use the
> mc-90 on a kenwood 450!!
> I want a mic that has a bassy and clean modulation. I heard heil with
both
> heads, mc-60, shure-444 ,they are ok but don't impress me at all. Any
> ideas?
> Thanks in Advance .
> Carlos
>

5716. Re: Pacificon '96

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: armond@delphi.com
Message-ID: <RPGTm10.armond@delphi.com>
Source record: 214159

Jim Lowman <jlowman@netcom.com> writes:

>event doesn't seem to scale well. Noticeably absent was Icom, for whatever

The Icom booth was directly behind the Yaesu booth.

>that some of the smaller vendors might have been there, if the event were
>held in the LA or San Diego area. More hams might have attended for at

It would be strange indeed to hold the Pacific Division Convention in LA or San Diego since that is the Southwest Division. Yes, more hams might have attended if it were in LA or San Diego since those areas have a vast multiple of the number of hams in the SF Bay Area. Cheeeeeeee.

5717. WILL SWAP: Packet Radio plus for dual band handheld transceiver

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: tedt@halcyon.com
Message-ID: <tedt-2310962214130001@blv-pm110-ip18.halcyon.com>
Source record: 214160

Will swap Packet Radio, Model PK 232MBX (original operating manual);
MacRatt/FAX software for Mac computer; Inline Watt Meter, PW 3000; "Your
Gateway to Packet Radio", by Stan Horzepa, WA1LOU.

All in A1 condition. Original owner.

Will swap for VHF/UHF FM Twin Band Handheld transceiver.

Email tedt@halcyon.com

--
Secret for longevity: "Keep moving and don't let 'em get a bead on you".

Web page: http://www.halcyon.com/tedt/

5718. Re: SCREW THE CODE!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: ke4htm@bluenet.net
Message-ID: <846138665.5487@dejanews.com>
Source record: 214161

In article ,
carl@ais.net (Carl Stevenson) wrote:

> >OTOH, I don't believe ham radio has been exactly left
> >stagnating. Read the spec sheets on some of the newer ham rigs. They
> >don't sound "stagnant" to me. They sound very modern.

> They sound about 10-15 years behind the times (for anything except ham
> radio, that is) ... if you knew where things were today, you'd know
> that ...

Carl,
Your right. Ham rigs of today are far behind. I have a friend that is now seting up radios that take your voice digitize it and then sends it to a tower to be sent to a satllite to be send back to another station. Till hams drop the crying about could and start talking digital we are DOOMED and so is HAM RADIO!!!

This article was posted to Usenet via the Posting Service at Deja News:
http://www.dejanews.com/ [Search, Post, and Read Usenet News!]

5719. Re: shall we adopt the standard USENET advertising policy?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: mc@shore.net
Message-ID: <54nbmt$e0t@northshore.shore.net>
Source record: 214162

In article <199610240310.UAA24074@nothing.ucsd.edu>,
Brian Kantor <brian@nothing> wrote:
>Shall we adopt the standard USENET advertising policy in this group,
>or should it remain as it is now - no advertising of any kind welcome.
>
>--
>Advertising Policy:
>
>Following standard Usenet guidelines, the newsgroup is not intended to
>be used for commercial advertising, solicitation, or marketing of
>products or services. However, announcements of products or services
>directly relevant to the newsgroup with be permitted, but only in the
>following circumstances:
>
>-The product is new or has undergone substantial change
>-The posting is clearly marked as an announcement by prefixing the
>subject line with the tag, "ANNOUNCE:"
>-The posting is brief and contains no marketing hype.
>--
> - Brian

There is already a forum for the sale, purchase and exchange of radio
equipment - rec.radio.swap. There should ne no need to advertise here as
well.

73,

Michael Crestohl, KH6KD/W1 (soon W1??)
mc@shore.net

5720. Importance of coax length on HF A myth?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: jpoll@redrose.net
Message-ID: <54nc7a$s6@lily.redrose.net>
Source record: 214163
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Hi.

I have a friend who swears up and down that the length of the coaxial cable to maintain resonance at a given frequency is important for reducing the SWR. He feels that it acts in a similar principal to the fact that the elements of an antenna must be cut to the correct length for the antenna to be resonant at a given frequency.

It seems to me I have also read somewhere that this is a myth. I need the true scoop on this. I'm preparing to put up a pretty good antenna system on my roof (a homebrew 10 meter antenna cut to exactly the middle of the band), and don't want to purchase an extra 6 ft of Belden 9913 coax only to have it looped up and losing signal, when in reality I could of used 20 feet instead of 26 feet of cable.

Please carbon copy any responses to this post to jpoll@redrose.net so I don't miss any good info.

Thanks

Jim

5721. Re: Is the HTX 202 rely as bad as I have been told?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <54n9ih$1mv@anomaly.ideamation.com>
Source record: 214164

In article <1996Oct24.015934.1001@ke4zv.atl.ga.us>,
Gary Coffman <gary@ke4zv.atl.ga.us> wrote:

>This is amazing. An Advanced class licensee who can't change a battery.

Well Gary, sorry to say it, but this is the result of that "exams should be entry class license oriented because amateur radio is a life-long learning process; exams are not meant to be graduation exams" attitude that you have.

That kind of attitude gives us exactly what you see here. Advanced-class hams that can't change batteries, extra-class licensees who can't build dipoles, and the list goes on and on.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

5722. Callbook Server Summary

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: bohnovic@worldnet.att.net
Message-ID: <54mmvc$fpp@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 214165

Does anyone know what happened to the Callbook Server Summary that usaully posts the FCC's new callsign activity for the previous day? It hasn't been updated since the 21st.

I've also noted that I cannot download any forms from the FCC. The FCC's computers don't seem to be responding.

I wonder if these two incidents are related?

73..de John/K8PXG

John/K8PXG in Pembroke Pines, FL

5723. [WANT OPIONION] Yaesu FT8000 vs FT8500

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: scotte@shore.net
Message-ID: <54nipq$is@northshore.shore.net>
Source record: 214166
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

I'm looking into purchasing either the FT8000 or FT8500 mobiles in the next couple of months.

First off, I have a 1997 Ford Escort. Are there any known problems between this escort and either radio?

I am a big scanner enthusiast, so I'm headed towards the 8000. I currently have an ICOM 2AT as my transceiver and a Uniden Bearcat 800XLT scanner. Both are powered from my cigarette lighter. I'd like to toss them both aside and put in a single radio instead. Using these radios when driving can be someone annoying.

The Bearcat has nasty out-of-band interference when scanning. I'm hoping to get rid of that with the mobile. I'd get a separate scanner and transceiver, but the flexibility of the FT8000 seems cost effective and function sufficient for me. I live in a good-size city.

Can the 8500 be modified for the receive capability of the 8000? If not, I pretty much have my answer.

Thanks for any input on these models.

--
Scott Ehrlich scott@linedance.com
Scott Ehrlich Consulting "The Computer Doctor"
Amateur Radio Callsign: wy1z

5724. Re: QSL cards:

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: willard@goodnet.com
Message-ID: <54mkec$2kiq@news.goodnet.com>
Source record: 214167

In article <54k76b$1kgm@news.goodnet.com>, willard@goodnet.com says...
>
>Would someone please post a good source for mail order QSL cards.
>Thanks, Willard, KA7ACK
>
Thanks to all who answered my request for QSL card info. You were a big help.
73 de KA7ACK

5725. Re: Q: No Code - Know Everything Else

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: adell@planet.net
Message-ID: <MPG.cd910a48d198f6398969c@news.planet.net>
Source record: 214168

In article <54m8jh$cai@news.ais.net>, carl@ais.net
says...
> The problem is that ham radio is a (supposedly) technical activity ...
> see Part 97.1 ... but we (collectively) are NOT keeping up with our
> charter to be a technical service and training ground ... in fact, many
> current hams specifically and emphatically oppose the introduction of
> new techniques into ham radio because they're "different" (than those
> current techniques that they are familiar with) and because they fear
> that these new techniques will conflict with their preferred methods ...

Carl, you change tactics as often as people change
socks. What new technology?? I defy you to show any
of the techno wizardry you keep whining about!!! What
is going to save the HF bands from commercial use??

Oh I'm sorry, you don't have any new technology to
offer. My mistake, you're onl;y throwing out FUD's and
strawman thoughts to scare people in dropping the code
so people like YOU, the under achievers of amateur
radio can get on HF frequencies other than 10M phone or
on your case phoney.

Maybe if you can name some of this new technology,
you'd have more support.
>
> In today's world of VLSI integrated circuits, the absolute level of
> complexity is a bit clouded realtive

Could be REALTIME could be RELATIVE, hard to tell with
Carl and ten magic thumbs

>
> Somewhere between the advanced adn the extra, I'd say ...

the word is AND AND AND learn it remember it love it.

> It's high time that hams started thinking of their license in that way
> and start getting their satisfaction and ego gratification from what
> they get *out* of it and what they accomplish *with* it, rather than
> what they put into (getting) it (the ticket) ... unfortunately, too
> many prefer to rest on laurels and bask in the light of past
> "accomplishments" (passing the stupid test) rather than what they
> actually *do* with/in ham radio ...

As always from practically perfect Mary Carl Poppins,
another backhanded insult to the amateur community.

>
> Carl - wa6vse
> carl@ais.net

--
Steve - KF2TI (Advanced Class & Damned Proud of IT!)
ARRL LIFE MEMBER

No Code or Know Code...Who Cares??

How can you be in Two Places at Once When You're
Not Anywhere at All??

5726. Re: Is the HTX 202 rely as bad as I have been told?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: malarson@earthlink.net
Message-ID: <malarson-2410960736070001@cust20.max2.washington.dc.ms.uu.net>
Source record: 214169

In article <DzqsG9.3nD@scn.org>, bb840@scn.org (James Aeschliman) wrote:

> >James Aeschliman wrote:
> >
> >> I almost bought one about a year ago. The only thing that stopped me was
> >> the battery that holds the memory information lasts about 5 years, but it
> >> is NOT user replaceable. I've heard that only a few models have a user
> >> replaceable battery. All the rest must go back to the factory for
> >> battery replacement.

Not user replaceable ? Hogwash ! The user must be able to operate a soldering iron, but there are no great issues involved (just two tabs to the battery). Did it myself for almost nothing (cost of the battery, 2" of electrical tape).

Other than that, I have found the 202 to be a good basic radio. I carry it for things I do not want to risk the 'good' HT doing. It's been used and abused hard over the last several years, and still perks along fine. A good basic HT in my book.

Matt

5727. VHF SSTV frequencies

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: johnl@world.std.com
Message-ID: <Dzs3Ct.1Dr@world.std.com>
Source record: 214170
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital

Many people still think of SSTV as an HF activity, but
from conversations with many people it is clear that most
of the recent growth is on VHF. Although the recommended
2 meter frequency is 145.5 MHz, many regions are using
different frequencies because they are using repeaters.

I've started compiling a list of these frequencies and
net schedules but still have a long way to go. If you are
using SSTV on VHF or UHF, I'd be very grateful for the
following information:

Location (city/state/country):
Frequency (above 30 MHz only):
Input Frequency (if repeater used):
Days and times of local nets:
Information source (your call if you want to be
mentioned as the information source or leave blank):

Please respond by e-mail to JohnL@world.std.com rather than a
followup to this post. I will publish the results after placing all
the responses in a table.

Thanks & 73, John WB2OSZ

5728. Re: Is the HTX 202 rely as bad as I have been told?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: jimflanders@ti.com
Message-ID: <54ns2d$2h5@ganesh.mc.ti.com>
Source record: 214171

Hold on guys-
When the Radio Shack guy says that the memory battery is not user replacable - - He really means that nobody with the expertise of a Radio Shack Salesman can replace it. It is an easy replacement for anyone than can open the case, unsolder the battery, and resolder a new one in. There is one gotcha tho. Radio Shack does not have the battery listed in there battery catalog, or at customer service. You have to get it from there techs or elsewhere. It's just like the power connector for the HX-212. Try ordering that from radio shack, you will have better luck and better service from Mouser. Too bad Mouser doesn't have walk-in service. They would drive RS out of business. (The way Tandy profits and their stock has plumented, maybe they will be out of business anyway) It may be time to dump the VP they picked up from Shoney's. Are you listening Fort Worth?
Jim W0oog/5

In article <DzqsG9.3nD@scn.org>, bb840@scn.org says...
>
>
>In a previous article, usnret@concentric.net (Duane Anderson) says:
>
>>
>>James:
>>When I bought my HTX-212, I also bought an extended warranty with it
>>good for 6 years...when the memory battery goes out, then I will let
>>Radio Shack "fix" it for me under the warranty, (or they can give me
a
>>NEW one; I wont mind).
>>
>>Duane.
>>
>>James Aeschliman wrote:
>>
>>> I almost bought one about a year ago. The only thing that stopped
me was
>>> the battery that holds the memory information lasts about 5 years,
but it
>>> is NOT user replaceable. I've heard that only a few models have a
user
>>> replaceable battery. All the rest must go back to the factory for
>>> battery replacement.
>>
>Actually that's how I found out about the battery. When I said I did
not

>want the extended warranty, the sales person told me it would cover
the
>battery replacement and that it's not user replaceable. Killed the
sale
>right there. I have an old ICOM handheld that doesn't require such a
>battery. I added a tone board to the ICOM handheld.
>
>Also, the original post referred to an HTX 202, which may be a mobile
>rig, not a handheld (I'm not familiar with the model numbers). My
>comments refer only to the handheld. I don't know anything about the
>mobile rigs.
>--
>Jim Aeschliman bb840@scn.org
>Black Diamond, Washington KD7MK

5729. Re: Finding Amateur Radio Clubs

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: Dan Murphy <dmurphy@nai.net>
Message-ID: <326F011A.1B34@nai.net>
Source record: 214172

```
>>S wrote in rec.radio.amateur.misc:
>>How can I find an amateur radio club near Dallas?
Also try contacting the ARRL for a list of clubs in your area
info@arrl.org or the Section coordinator listed in all copies of QST
(now available at newsstands.

Jump on a local repeater and ask your question. Most repeaters and users
are associated with a local club.
73 Dan
=====Research:murphy-hayes-o'callaghan-moroney======
Dan Murphy KA1SZP Internet: dmurphy@nai.net
Prodigy: Dan_Murphy@prodigy.com
Packet: KA1SZP @ W1NRG.CT.USA.NA
==========finnegan-killion-coughlin-brooks==========
```

5730. Re: Vanity Callsign Update

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: prvalko@saturn.acs.oakland.edu
Message-ID: <54nu22$6qh@news2.acs.oakland.edu>
Source record: 214173

Lewis Cheek (kc4hr@erols.com) wrote:
: On 23 Oct 1996 21:59:41 GMT, HWDX09A@prodigy.com (Robert Reed) wrote:

: >I had an e-mail from Larry Wiekert in the FCC's Gettysburg Licensing
: >DIvision Monday where he said the hope to run the "Day 1's" by the end of
: >the week pending no compter problems.

: That's great how about a copy of his e-mail?

Gee... do I sense another disbeliever of second hand information? :-)

I wonder if the FCC computer will be able to really run all those apps
in one batch? Even if it does, I imagine they will want to "review" a
few random calls before releasing the whole mess of them out to us.

I still expect a couple weeks but I would not mind being proved wrong
:-)

73! =paul= wb8zjl <--- watch this space

5731. ----->>>>>Need Scattering Parameters for TP2180<<<<<-----

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: speedy
Message-ID: <54n1g7$h9@Steinlager.tip.net>
Source record: 214174

```
PSE Send me scattering parameters for a TP2180 transistor
i am going to use it for a amplifier on 144mhz
```

73 de SM4WDQ
J&#65533;rgen

5732. Re: Callbook Server Summary

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: Dave Booth <booth@pactitle.com>
Message-ID: <326F8676.41C6@pactitle.com>
Source record: 214175

bohnovic@worldnet.att.net wrote:
>
> Does anyone know what happened to the Callbook Server Summary that
> usaully posts the FCC's new callsign activity for the previous day? It
> hasn't been updated since the 21st.
>
> I've also noted that I cannot download any forms from the FCC. The
> FCC's computers don't seem to be responding.
>
> I wonder if these two incidents are related?
>
> 73..de John/K8PXG
>
> John/K8PXG in Pembroke Pines, FL
I just checked and it's up to date.
http://www.lantz.com/htbin/cbs_today

http://www.geocities.com/Hollywood/5860/
--
Dave Booth kc6wfs
dm04rk

5733. need MFJ941C MANUAL

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: Hal Rosser AE4YN <hmrosser@csranet.com>
Message-ID: <326FAFE8.2DBC@csranet.com>
Source record: 214176
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.swap

Does anyone know where I can get a manual for
a MFJ 941-C ant tuner ?
--
Thanks in advance
AE4YN Hal
hmrosser@csranet.com

5734. Re: Big HAM Sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: prvalko@saturn.acs.oakland.edu
Message-ID: <54nu8m$6qh@news2.acs.oakland.edu>
Source record: 214177

Butch Kraus (bkraus@inwave.com) wrote:
: >My girlfriend said the equipment or me. So here's the equipment for
: > >sale.

<snip>

Reminds me of a QSO I heard on 80 meters one day.

"My wife said if I didn't give up ham radio she'd leave me. Over"

73! =paul= wb8zjl

5735. Re: Is the HTX 202 rely as bad as I have been told?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct24.141917.3171@ke4zv.atl.ga.us>
Source record: 214178

In article <54n9ih$1mv@anomaly.ideamation.com> kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:
>In article <1996Oct24.015934.1001@ke4zv.atl.ga.us>,
> Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>
>>This is amazing. An Advanced class licensee who can't change a battery.
>
>Well Gary, sorry to say it, but this is the result of that "exams should be
>entry class license oriented because amateur radio is a life-long learning
>process; exams are not meant to be graduation exams" attitude that you have.
>
>That kind of attitude gives us exactly what you see here. Advanced-class
>hams that can't change batteries, extra-class licensees who can't build
>dipoles, and the list goes on and on.

Nice try, but KD7MK (formerly WB7AHD) was licensed long before
any of the "dumbing down" you complain about. That just proves
that the tests don't screen for the amateur can do spirit, and
never have. He earned admission to the laboratory, but like the
horse led to water, we can't make him drink. That's an internal
motivation he either has or he hasn't.

Gary

--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

5736. Re: Importance of coax length on HF A myth?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct24.140727.3033@ke4zv.atl.ga.us>
Source record: 214179
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

In article <54nc7a$s6@lily.redrose.net> jpoll@redrose.net (James Pollock) writes:
> I have a friend who swears up and down that the length of the
>coaxial cable to maintain resonance at a given frequency is important
>for reducing the SWR. He feels that it acts in a similar principal to
>the fact that the elements of an antenna must be cut to the correct
>length for the antenna to be resonant at a given frequency.
>
> It seems to me I have also read somewhere that this is a myth. I
>need the true scoop on this. I'm preparing to put up a pretty good
>antenna system on my roof (a homebrew 10 meter antenna cut to exactly
>the middle of the band), and don't want to purchase an extra 6 ft of
>Belden 9913 coax only to have it looped up and losing signal, when in
>reality I could of used 20 feet instead of 26 feet of cable.

Ok, this can get complex because there are several interrelated
things happening here. Lets take them one at a time.

The only thing that determines SWR on a transmission line is
the ratio of the characteristic impedance of the line to the
impedance presented by *the load*. Nothing you can do at the
generator end can affect SWR, and changing the length of the
cable won't change SWR either (but see below).

However, changing the length of the line will change the impedance
presented to the generator. That's because a transmission line with
any SWR other than 1:1 acts as a transmission line transformer. By
changing the length of the line, you get an effect similar to, but
not quite the same as, changing the turns ratio of a transformer.
The SWR doesn't change, but the impedance presented to the generator
does. This can be useful, and is employed frequently for impedance
matching purposes. The most common such is the quarter wave matching
section.

In general, the impedance transformation will be complex, IE it will
be in the form of R+jX, where X can be capacitive or inductive depending
on cable length. The Smith Chart can be used to determine the transformation
effect by following the constant SWR circle around the chart for different
cable lengths (measured in wavelengths at the frequency of interest) and
reading out the R and X values. Note that the SWR is constant, but the
impedance presented to the generator changes with varying cable length.

Now something else can happen too, and this is where some of the
myths have arisen. If you feed a balanced antenna, such as a dipole,
with an unbalanced transmission line, such as coax, the *outside* of
the outer conductor of the transmission line can become part of one

arm of the dipole, and antenna currents can flow down the outside
of the transmission line.

Picture the dipole as a 1/4-wave section connected to the coax inner
and an L shaped element consisting of the other arm of the dipole and
the *outside* of the coax outer conductor. This can change the *load
impedance* presented to the transmission line because the antenna geometry
has been altered from a physically balanced dipole configuration, and
thus can change the SWR. Changing the coax length changes the effective
length of one leg of the dipole, and that changes the impedance presented
at the load end of the coax, and that changes SWR in the coax.

Coax transmission line currents flow on the outside of the inner
conductor and the inside of the outer conductor. This is because
of skin effect. The physics of coax forces the currents to be
equal in magnitude and opposite in direction. The opposite currents
cancel any radiation fields, and the coax doesn't radiate. But that
doesn't affect currents flowing on the outside of the outer conductor.
Those currents are independent of what's happening inside the coax.
Their radiation fields aren't canceled, and the coax becomes a radiating
part of the antenna.

Generally, it is undesirable to have antenna currents flowing on
the outside of the coax because it will alter the radiation pattern
of the antenna, alter its feedpoint impedance, and because it can
cause "hot shack" problems in some cases. The cure is to use a choke
balun at the antenna feedpoint to decouple the outside of the coax
from the antenna element to which the inside of the outer conductor
is connected. (A choke balun can be simply a few turns of the coax
tightly coiled just before connection to the feedpoint. Or it can
consist of a number of ferrite beads slipped over the coax near
the feedpoint. Its purpose is to act as a high impedance to currents
trying to flow down the *outside* of the coax outer conductor.)

When you use such a balun, or if you are feeding an inherently
unbalanced antenna such as a groundplane mounted vertical, then
the coax doesn't become part of the antenna, so it can't change
the load impedance presented to the coax, and thus can't change
SWR. Any length coax can now be used without affecting SWR, or
antenna radiation pattern.

So you can see, there is some truth to the myth that coax length
can alter SWR, but it isn't quite the way many amateurs picture
it. The reason it can happen is because the coax has become an
unintended part of the antenna due to a failure to properly deal
with the unbalanced to balanced connection at the antenna feedpoint
with a balun.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses

534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

5737. Historical callsign database?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: drewbob@mit.edu
Message-ID: <54o3p9$na8@senator-bedfellow.MIT.EDU>
Source record: 214180

Is there such a thing? Seems like a good idea to me, especially with the vanity call system. It'd be nice to be able to look up who held a certain call previously, see the history of a callsign, etc. Also, it would be fun to be able to see a particular person's complete ham history...a database with *all* previously held callsigns, rather than just those held in uninterrupted sequence. (For instance, my records show that I was previously N1QHF (briefly), but a historical database would also show that I was WB1AFX back in the late 70's, and that there was a license lapse.)

Is there a database like this? Is anyone working on one? Probably too much work...

drewbob@mit.edu Andrew aa1hx (for now)

5738. ARD-230A sold, transformer left

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: Greg Becker <na2n@ifam.com>
Message-ID: <326F8F82.288F@ifam.com>
Source record: 214181
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

The majority of the ARD-230A parts amp is sold. I still have the transformer.

Greg Becker
na2n@ifam.com

5739. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: kc4wq@mis.net
Message-ID: <326f98cd.1082442@netnews.mis.net>
Source record: 214182

On 21 Oct 1996 05:28:13 GMT, wmunsil@aztec.asu.edu (WILLIAM W MUNSIL)
wrote:

>
>I just changed the address on my license and it was NOT renewed
>at the same time.
>--
>I only check this account on weekends.
>For faster service, use my juno account.
>Bil Munsil n7aou@juno.com

Hi folks,

If you look at box 4 on the 610 application it says " I HEREBY APPLY
FOR (make an X in the appropriate box(es)):

4D is change my mailing address

4F renewal of my license

Check them both and get the job done. Remember this is the FEDERAL
government we deal with.....

73 de KC4WQ
Buddy

visit the BARS web site HTTP://members.iglou.com/gregl

5740. Re: shall we adopt the standard USENET advertising policy?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <54o6jl$i3e@lehi.kuentos.guam.net>
Source record: 214183

brian@nothing (Brian Kantor) wrote:

>Shall we adopt the standard USENET advertising policy in this group,
>or should it remain as it is now - no advertising of any kind welcome.

>--
>Advertising Policy:

>Following standard Usenet guidelines, the newsgroup is not intended to
>be used for commercial advertising, solicitation, or marketing of
>products or services. However, announcements of products or services
>directly relevant to the newsgroup with be permitted, but only in the
>following circumstances:

>-The product is new or has undergone substantial change
>-The posting is clearly marked as an announcement by prefixing the
>subject line with the tag, "ANNOUNCE:"
>-The posting is brief and contains no marketing hype.
>--
> - Brian

I think we should do like all the other newsgroups. Let everybody post
whatever they want to post. If the above is SOP for Usenet, you have
a few thousand people who post daily that haven't read it yet.

How do you make everyone aware of the above ? Do you post it every
day ?

I think the whole atmosphere would change here if people would start
doing selective reading, instead of reading everything and complaining
about having just read something they didn't want to read.

Don't shoot the posters, shoot the readers......

73, Jim KH2D

5741. Re: 'Nother Pro-code Luddite

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: carl@ais.net
Message-ID: <54o8i1$lqv@news.ais.net>
Source record: 214184

In <54lrus$11c@anomaly.ideamation.com>, kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:
>In article <1996Oct23.135708.27038@ke4zv.atl.ga.us>,
> Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>
>>Generically, the term luddite has come to mean anyone who fights against
>>technological progress, increased productivity, or greater efficiency.
>
>If that's the case, then using the term luddite to describe the pro-code
>testing crowd is clearly incorrect, since nobody in the pro-code crowd
>is at all opposed to technological progress, increased productivity, or
>greater efficiency.

Mike, that's a ridiculous statement ... the "CW forever" crowd DOES contain a lot of olde fartz who clearly feel and state that "real ham pound brass" and anything else is just so much newfangled, modernistic hocus-pocus and they don't want 'nuthin to do with it ... and they don't want it cluttering up "their bands" either ...

>Equating one's believe that code testing should be maintained, for a
>variety of reasons, does not mean that amateurs are hindered from making
>gains in any of the three areas that you mentioned. HF access will not
>yield technological progress, increased productivity, or greater
>efficiency.

Yes it does, yes it will ... backward requirements for obtaining a license are (and have been for decades) keeping qualified people with professional training and years of experience from participating in the modernization and advancement of our technological base ... this is clearly counter to the purpose and goals of Part 97.1 and it must change for the future of ham radio.

Now I recognize that some of you that I lump with the "pro-code Luddites" are really "pro-code I've got mine and now I want to keep everyone else out"ers ... I suspect that you're actually in the latter category, but you don't want to admit it ...

Carl - wa6vse
carl@ais.net

5742. Re: Importance of coax length on HF A myth?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: jpotter@jpaw.com
Message-ID: <326f9582.61057836@news.santafe.edu>
Source record: 214185
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

jpoll@redrose.net (James Pollock) wrote:

>Hi.
>
> I have a friend who swears up and down that the length of the
>coaxial cable to maintain resonance at a given frequency is important
>for reducing the SWR. He feels that it acts in a similar principal to
>the fact that the elements of an antenna must be cut to the correct
>length for the antenna to be resonant at a given frequency.
>
> It seems to me I have also read somewhere that this is a myth. I
>need the true scoop on this. I'm preparing to put up a pretty good
>antenna system on my roof (a homebrew 10 meter antenna cut to exactly
>the middle of the band), and don't want to purchase an extra 6 ft of
>Belden 9913 coax only to have it looped up and losing signal, when in
>reality I could of used 20 feet instead of 26 feet of cable.
>
> Please carbon copy any responses to this post to jpoll@redrose.net
>so I don't miss any good info.
>
> Thanks
>
> Jim
>
The length of coax doesn't change the VSWR, assuming it's all the same
impedance. However, the impedance at the transmitter output will be a
function of cable length if the VSWR is not 1:1. Ultimately what
matters is not the VSWR, but the impedance match to the transmitter.
All that is required is a conjugate match so that the transmitter sees
a resistive load of the right resistance at the output device.

There is one way that the coax length affects VSWT. If the attenuation
is high the VSWR gets better with length. Someone once said a good low
power load for 144 MHz is 100 ft of RG-58. It doesn't matter too much
what's on the far end.

de K9GXC, Jim

James M. Potter, President TEL: (505) 662-5804
JP Accelerator Works, Inc. FAX: (505) 662-5210
2245 47th Street EMAIL: jpotter@jpaw.com
Los Alamos, NM 87544-1604 URL: http://www.jpaw.com

5743. Re: Carl's OUTRAGEOUS charges debunked

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: Jim Conn <jconn@gte.net>
Message-ID: <326FCEC2.2B76@gte.net>
Source record: 214186
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Carl Stevenson wrote:
>
> Please read this in its entirety ... it starts out a bit slow, but Jim
> really loses it towards the end and reveals the REAL pro-code agenda

(snip, snip, Carl's repost)

> Carl - wa6vse
> carl@ais.net

Sorry Carl, I didn't lose anything. You lost your argument, I didn't. I simply said (I know you have limited HF experience, Carl, so you may not understand this) that the numbers of those having access to the HF bands must be limited to a reasonable number to prevent world-wide QRM. VHF and UHF are line-of-sight, so these bands do not have the potential for interference that HF does. You can scream your lies and misrepresentations all you wish, but you're wrong on this, and you know it.

To other readers who may not know what we are discussing, Carl insists on wasting space by reposting using a different heading so no one will see that I have already replied under another heading. Let me simply say, please read my answer to his ridiculous, phoney allegation that I posted under the thread "Re: Nother Pro-Code Luddite".

Thank you for ignoring this ridiculous double-post, cross-post of Carl's.

73,
Jim - AD4VL

5744. Re: 'Nother Pro-code Luddite

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: Jim Conn <jconn@gte.net>
Message-ID: <326FCA40.6608@gte.net>
Source record: 214187
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Carl Stevenson wrote:
>
> In <326EACF1.566E@gte.net>, Jim Conn <jconn@gte.net> writes:
> >
> >Doesn't stop any technological progress at all. Technology marches on,
> >every day, so how can you claim we have stopped it?
>
> OK, so you're not *totally* successful ... but that's just incompetence,
> not because you don't try ... (to resist the spread of new technology)
>

You said we pro-coders "stop" progress, now you say we only try, and both statements are false. You made the whole thing up, because it's the best you can do.

> >A bogus argument, and
> >you know it. Besides, we pro-coders are for technical progress on all
> >fronts.
>
> Bullshit! ... if it's not done with a key and doesn't make "di di duh
> duh" sounds, it's too modern for you ...

Totally ridiculous. Why do you say such slanderous things about those who use morse? Is it because you are jealous and envious of our HF priviledges?

>
> you admit above that it (Morse
> testing) does keep out those who don't want to learn the code ...
> That's clearly a Bad Thing ... (except to you Luddites, who hate
> to see anyone with progressive ideas get into ham radio ...)
>

Nope, it's a good thing, Carl. It is a fair and impartial filter, to limit the quantity of ham operators to a reasonable number.

>
> It also panders to another view that seems to be widely accepted amongst
> Luddites ... that "honest work is necessary to prove one's 'worth'" ...
> this, of course is YOUR work ethic, and it's bogus, too ...

That's a big problem in society today, I believe, there are too many who believe just like you, Carl, that an honest work ethic is something to be sneered at, just as you sneer at and lie about those who want to maintain standards. One may reasonably infer, based on the above sentence, that

since you dont believe that honest work proves one's worth, you believe
that either "dishonest work" or "no work" will prove one's worth. Which
is it? Too many today are just like you, want something for nothing,
"'cause I *deserve* what others have worked hard to earn, so lower the
standards to meet me, so I won't have to measure up to the standards."

> the ONLY
> criteria for deciding who gets/doesn't get a license should be "Are they
> technically qualified to assemble and operate an amateur radio station
> without harming themselves or the public and/or creating interference to
> other hams or other services?" Period, end of story, nothing more,
> nothing less ... your work ethic has NO bearing ... it is NOT the
> government's job to force it on me, Joe Blow, or anyone else ...
>

Carl, if you don't have some kind of a "work ethic", you wont be able to
get "technically qualified" either, unless you advocate they cheat.
The government's *job* is to make and enforce the rules. Your opinion of
how they should carry on their business is only your opinion. The
government has every right to "force" you to learn morse to get a better
class license, Carl. "Cuz Uncle Sam says so" is a good enough reason. I
have said before, and say again, if you believe the FCC is unjustly
forcing you to demonstrate knowledge of morse code, get a lawyer and file
suit in federal court. Keep us posted here how you are getting along.

> >Carl, can't you see that the fact that morse code is a communications
> >mode that has stood the test of time is a point in its favor, not against
> >it? Besides, the relative age of a mode does not directly relate to its
> >effectiveness.
>
> NO ... and nobody else sees it that way either ... Morse has not "stood
> the test of time" ... it FAILED it miserably decades ago and was
> abandoned by everyone with a mimimal amount of technical knowledge and
> common sense (which left you out ...)
>

You said morse has been around since the turn of the century, and is
still in use today throughout the world by multitudes of people,
therefore it has stood the test of time, and has not been abandoned. Your
silly "minimal amount of technical knowledge and common sense" charge
against all the hams who still use morse code is ridiculous. I wonder how
some of those higher license class hams who have supported you in your
quest to drop morse testing, but said they still use and like morse code,
feel to hear *you* say that morse has been abandoned by *everyone* with a
minimal amount of technical knowledge and common sense? I would be
offended by your slanderous remark, if I were they.

> >Otherwise, I'm sure aircraft would be using a digital
> >data mode to communicate with the air traffic controllers in the tower
> >instead of voice.
>
> (snip) cockpit voice is used for ATC because it places

> less of a burden on the attention of the air crew in crowded
> airspace maneuvering situations than other modes (because voice is a
> "natural" form of communications, the crew can talk and drive at the
> same time with less distraction from driving than code or typing
> messages on a keyboard ...)
>

Well, bless my soul, you made my case for me. So you admit there are circumstances when your vaunted digital modes are not better than older modes, like voice. My point is that in like manner there are times when CW is a more effective means of communications for a ham than digital modes or even voice. Thanks for your help in making that point.

> >
> >This is not a true statement. "Most" pro-code adherents do not oppose
> >other methods. In fact, I don't know of any.
>
> That's another lie on its face ... you, yourself do ... and you've said
> it over and over again ...
>

Nope, I haven't said it, and I don't say it now. Your statement is an out and out lie. I have never said I oppose any other legal mode of communication for hams, period. Readers are invited to go to DejaNews and read all my posts to see for themselves that I have said no such thing.

> >Spread Spectrum is
> >illegal on HF, so yes, you're right about that, I oppose using illegal
> >modes.
>
> RED HERRING ALERT!!!!!!! There are lots of non-spread spectrum modes
> that are much better than CW and you oppose them, too ... just because
> you "like" CW and it's not "scary" to you like that modern stuff you
> can't understand ... (or accept)

No red herring at all. Spread Spectrum is indeed illegal on HF. The only fishy thing around here is your statements, because they contain so many falsehoods! I don't oppose any modes - you oppose CW mode, but I don't oppose any, on HF or elsewhere, except I oppose illegal ones, like Spread Spectrum. If it should be legalized some day, why, I won't oppose the use of it. I welcome new technology.

>
> >Your statement is ridiculous. You merely fabricated this little
> >"anti-technology straw baby" so you could pin the "Luddite" label on it
> >and try to call it a pro-coder.
>
> I didn't fabricate you pro-coders ... hell, I'm trying to stamp out > your
> narrow-minded, backward ideas ...
>

Everyone can see that your "anti-technology" charge against those who support code testing is ridiculous. Technology and morse code are not even directly related. People trapped by an accident have communicated with rescuers by tapping morse code; flashes of light have been used, as well. Morse has been used by hams using underlying technology ranging from vacuum tubes to transistors. So you fabricated the notion that pro-coders are anti-technology, or "Luddites", and everyone can see it for the straw-man it really is. It is totally bogus.

> >Can't you decide whether it is a mode or a technology? Do you
> >switch back and forth as the occasion arises? You agree it is a mode,
> >then in the same sentence say everyone has abandoned the "technology."
> >Morse code is a mode, not a "technology", and it is still an effective
> >mode, despite your dislike of it.
>
> OK, it's BOTH a mode and a technology ... you can call it either and it
> still doesn't matter ... it's backward, whichever term you use ...
>

Nope, it is not technology, but simply a mode that can be used on a variety of "physical layers" of technology.

> >There are different modes of transportation: i.e., walking, horseback
> >riding, driving a car, and flying. Each mode of transportation has its
> >place.
>
> Not too many people commuting in rush-hour freeway traffic on their
> horses .... (maybe you pro-coders would, if someone hadn't had the good
> sense to ban horses from the freeway system)

You are so silly, Carl, to think everyone goes to work on a freeway. Some folks are ranchers and farmers. In most cases, horseback is still a better method of rounding up livestock on a ranch or farm than driving a toyota, Carl. Horseback sometimes makes more sense as a mode of transportation than an automobile.

>
> >Sometimes it is more appropriate to walk than drive, and in some
> >situations horseback is more appropriate than driving a car. Driving
> >is often cheaper than driving.
>
> "Driving is often cheaper than driving." ???? Well, I guess that makes
> as much sense as any of your other ridiculous statements, Jim.

I meant to say, "Driving is often cheaper than flying." Driving is often more efficient than flying, for instance, for going short distances, or to places without an airport.

>
> >CW is cheaper than most modes to set up.
>
> SO WHAT?????? Cheap is NOT the primary metric

It is if you don't have a lot of money to spend.

> ... besides, high-tech is
> not necessarily expensive ... as I said, I've got a freaking telephone
> with 100 MIPS of DSP processing capability in it ... chips are cheap ...

All this baloney is totally irrelevant to the issue of morse testing. The reason that telephones are cheap is that they are mass produced. Huge manufacturing volumes mean low costs. OTOH, low volumes mean high costs. As I say, your argument about DSP is irrelevant, because I like DSP, I am for DSP, it's technology and I love it, do you get it? I like technology, I just don't favor your fishy, smelly brand of balogna.

> the fact that you fear them and can't understand how they work and the
> benefits they can provide is TOTALLY irrelevant (as are you, in todays
> world)
Well thank you, Carl, for that vote of confidence, but I am not afraid of telephones. I use phones every day and know full well the benefits they provide, just like everyone else. If I am as relevant as a telephone, then I must be pretty darn relevant!

> >So
> >the morse mode still has a legitimate place in the amateur's repertoire
> >of communications modes.
>
> Bullshit! It's a horse in a jet helicopter world ...

Why don't you try riding down a bridle path in the woods in your jet helicopter? See if the trees don't damage your rotors. Can't you see that the horse still has a use in some situations, even though there are other modes available that are useful, but not always as apt for a particular purpose?

>
> >> >The bogus notion that morse testing is holding back
> >> >progress in technology is patently ridiculous.
> >>
> >> No, it's patently TRUE, but the assertion that maintaining Morse testing
> >> is necessary and desirable in today's world flies in the face of reality
> >> and labels you and your co-advocates as modern-day LUDDITES ...
> >
>

I disagree. Our asserting that continued morse testing is desirable and necessary does not label us. *You* are the one coming up with the labels, like "Luddite", because you are unable to come up with anything like reasonable arguments to support your absurd positions.

> OK, now we're getting to reality ... YOU don't want more people on
> "YOUR" HF bands (they might get too crowded for your antiquated
> methods), so you want to mantain a "filter" to "keep newcomers out"
>

There you go again, Carl, trying to put words in my mouth, when you can't get any intelligent ones out of your own. I never said they were *MY* HF bands. The morse code "filter" only keeps out those "newcomers" who are

unwilling to put forth the effort to learn morse code. Anybody who is not handicapped can learn morse code, just like thousands before them have learned it, and been licensed.

> THAT IS PROBABLY THE FIRST HONEST STATEMENT YOU'VE MADE IN THIS ENTIRE
> DEBATE!!!
>

It is really quite funny to hear you scream about someone making honest statements, when you wouldn't know honest if it "snuck up on you and bit you." It's even more ridiculous coming from one who sneered at those who "have an honest work ethic," like you did above.

> >Via the morse testing requirement, our government is fulfilling its
> >responsibility to restrict the numbers of those who have access to the HF
> >bands.
>
> Our government HAS NO SUCH "responsibility" ... what bullshit!

Sure. The FCC has been tasked with responsibility for the spectrum. If it doesn't have the responsibility to protect the integrity and viability of the spectrum, then it doesn't have any responsibility for it at all.

>
> >If they did not, so many americans would get on HF as to destroy
> >the bands world-wide, not just here in the U.S. Foreign hams have a right
> >to use the bands as well as Americans.
>
> How outrageous!!!!!!!!!!!!!!!!!!!!! But I'm glad to see your true
> colors finally showing through ...

My colors are red, white, and blue. What are yours?

>
> Just how would we "destroy the bands?" I would submit that without
> huge increases in the number of hams world-wide, the bands will CEASE TO
> EXIST in a few years because governments will not be able to justify
> allocating such a precious resource to so few who put the resource to
> such piss-poor uses ...

You can submit that foolishness all you want, but we don't have to accept it, just because Carl says it. Our HF bands are not in any danger of being taken away. I don't believe that many hams are in your camp when you say that our ham bands are being put to "piss-poor uses". That is total nonsense. If you have any proof to support your theory that using CW on HF is endangering our HF allocation, please produce it, otherwise everyone will know you just made it up.

>
> >I admit that making the tests much tougher technically would accomplish
> >the filtering objective.
>
> The "filtering objective" is pure bullshit!! It is something conceived

> in one of your technically ignorant nightmares, rooted in your own
> insecurity in the worth of what you practice, and fed by the fear that
> progress and change will prove what you fear most ... that you're
> inadequate technically to compete and survice in today's world ...

Oh, I'm surviving quite well. If I am so "technically inadequate" how is it that I am able to show your illogic for the garbage it is? If I, being so "technically inadequate" can defeat you in debate so easily, just imagine what a really smart fellow could do! I have never claimed to be a member of the Mensa Society, or an inventor, or a genius, like you have. I won't brag about any accomplishments because my personal qualifications, like yours, are totally irrelevant to the question.

>
> >However, that would unfairly exclude those who
> >are not scientists or engineers.
>
> Ridiculous ...

You may think that excluding those who are not scientist or engineers is ridiculous, but I don't, and I don't think all those hams out there who are not scientists or engineers think so either. If you want to associate with your fellow engineers, join IEEE, Carl.

>
> >The truly dedicated will learn morse
> >code to get a license, since it can be accomplished with reasonable
> >effort at low cost, and doesn't discriminate against anyone.
>
> First, this is just more of you wanting the government to force your
> (backward) mode of preference and your "work ethic" on everyone ...

Unlike you, I don't think there is anything wrong with having a "work ethic". If the government wants to require people to work to get a ham license, then it has every right to do so. Of course, to hear you talk, you know more than the government, so they should let you say what the requirements are, what legal bandwidths and mode are allowed, etc.

>
> secondly, yes it DOES ... it discriminates against anyone who thinks
> that YOUR prefered mode is a waste of time and has no relevance in
> today's world (i.e. anyone with a better grasp of technology and the
> real world than you ...)

Well, using your same warped illogic, the written tests discriminate against those who think that theory and math are "a waste of time." Morse testing has relevance, because it keeps the numbers of HF qualified hams to a reasonable number.

>
> >Carl, the FCC does not, I hope, share your expressed desire to see
> >millions of additional hams jammed into the already crowded HF bands.
>

> *You* think they're "already crowded" ... I doubt the FCC would agree
> .. the ham bands probably have the smallest user/MHz radio of any
> service ... and the worst "utilitzation factor" too, I'm sure ...

They must agree with me, since they are the ones who are limiting access to HF through morse testing. Here's a challenge for you, Carl: using the propagation charts in one of the ham magazines, try dividing the number of hams with HF access into the number of MHz available at any particular hour of the day and see how it comes out. I realize that since you don't operate on HF, you probably don't know very much about propagation. You probably think every ham band is available all the time, 24hrs a day. So you probably have been running your receiver up and down 80m during the day, and not hearing many QSO's. Or perhaps you tune around on 15m or 17m at night, hear nothing but static, and say to yourself, "Why, there's nobody on these bands. We need to get millions of new hams licensed so we can fill them up, or the FCC might tune around like I am, hear that they are not being used, and take them away from us." So I guess one can explain your "utilization factor" nonsense by recognizing your ignorance of the difference in propagation between VHF and HF.

>
> >don't bother bringing up your "If the bands get crowded, we'll all move
> >to Spread Spectrum" argument, because Spread Spectrum is illegal on HF.
>
> That's why we need to get the antiquated, outdated, ARRL/Luddite amateur
> radio rules UPDATED, despite your protestations ..

Notice, everyone, he does not deny the fact that Spread Spectrum on HF is illegal.

>
> >Spread Spectrum is not likely to be allowed anytime soon on the HF ham
> >bands for reasons of national security.
>
> In making this statement, your lack of understanding is clearly revealed
> once again ... Give us a break ... it's being used ROUTINELY in consumer
> items like cordless phones, computer lans, etc. ... there IS NO
> legitimate national security reason not to permit it on HF ... NONE ...

Carl, whose ignorance is showing? Don't you know that cordless phones don't use HF? Who are you trying to kid! Does your cordless phone use a 20 meter yagi? I don't think so. And, yes, there is a very good reason for them not allowing it on HF. In a previous post, Jim Reid did is well enough already. I am enclosing a copy of his excellent post, below:

Subject: Spread Spectrum on the HF Ham Bands
From: "Jim Reid" <jreid@aloha.net>
Date: 1996/10/06
Message-Id: <01bbb3e0$07e4c520$LocalHost@jim-reid-1>
Organization: At Home
Newsgroups: rec.radio.amateur.policy,rec.radio.amateur.misc

Spread Spectrum modulation techniques have been suggested
as the solution to band crowding. Also the technique is said to
be an excellent weak signal, dense signal environment
mode for amateurs.

Well there are problems not being considered by those proponents
of this technology. As Carl, and perhaps others have noted,
there are restrictions about modulation techniques for the
HF amateur bands. Why?

Not because of technology problems; but because of so called
"National Interests". What?

Recall the QPSK modulated radio I mentioned a few days ago.
About 25 years ago this radio was developed to allow the direct
microwave transmission of the new Bell System T1 TDM/PCM
carrier. This innovation of the Bell Labs would allow many more
POTS (plain old telephone signals) on a pair of twisted copper
wires than was poosible with the existing FDM technique, which
was then being used to modulate FM microwave radios for
transmission across large distances at lower cost than wire
trunks.

A radio was developed which could accept more than one T1
circuit and squirt it all out on a single 2gHz band beam. The
transmitted signal was a type of spread spectrum sort when
viewed with a spectrum analyzer. It further developed that two
such radios could simultaneosly use the same frequency if the
beams were cross polarized at the microwave antenna: this
meant a whole lot of POTS channels all together in the same
spectrum space at the same time. This was a great commercial
development, was dutifully and excitedly written up per the proper
format, and all submitted off with much data to the FCC for the
anticipated Type Acceptance so marketing and the revolution of
the phone system could begin!

But some weeks later, back came the package, disapproved!!??
Why? It worked beautifully well.

The FCC routes these Type Acceptance documents off to other
government agencies for a chop, identity is not important here.
But the problem, as explained to us was that the signals could
not be decoded by a casual observoer. A who?? To demodulate,
and understand the POTS information was the problem. An
interceptor of the signal must have apriori knowledge of the QPSK
scheme in order to copy the information content. It seems
it is in the national interest of the United States, at times, to be
able to do this, even to telephone common carrier traffic, a la
court approved "wire tapping", but in this case tapping in and
demodulating the microwave signals!! So certain things were
modified, the unnamed government agencies were satisfied,
and Type Acciptance was, at last, given.

Amateur signals have characteristics of interest to a sovereign nation beyond the parameters we usually consider. Our HF signals can be detected, that is they are not somehow hidden, for example below the thermal noise level of the ktB sort plus system noise; they are open for anyone to receive, demodulate and understand the information being transmitted (amateurs are prohibited from transmitting covertly or to convey commercial, paid for, traffic, for example), therefore the FCC still maintains monitoring stations, among other things, for example, to assure the common carrier tariffed operators that amateurs are not carrying commercial traffic. So the FCC sees to it that no amateur band signal is transmitted which is non-detectable nor non-decipheralbe/demodulatable (if that is a word). And, it is in the national interest, at times, to be able to deny the transmission of signals carrying information. So amateur band signals are all of a sort that are easily detectable by present US government monitoring equipment, and could, if needed, be denied (jammed).

For these reasons alone, the possibility that any amateur band transmission at HF will ever be sanctioned which could operate below the noise level, simultaneously with many others of the same sort, using spread spectrum techniques which allow them to be separately detected and individually demodulated (which does require apriori knowledge about unique and individual transmission parameters by both transmitter and recipient) will NEVER be allowed in the U S of A ! Each such signal must have a unique parameter other wise it could not be separated, detected and decoded from among the other simultaneous spread spectrum signals. Technology is not the problem, but because it might become detrimental to the sovereign interest. Further, such spread spectrum signals at HF, as being proposed, could not be separately and individually selected for denial to a particular recipient by jamming; all signals in the spectral region would also be jammed, or more nicely, denied.

We will surely be getting along fine with RTTY (and others of the sort), CW and SSB for years to come on the HF amateur radio bands. All are easily detected and copied by those agencies with sufficient interest to do so. Even the so called "closed" HF packet signals going off to bulletin boards, etc.

We will continue to do the sorts of things HF amateurs have enjoyed doing for decades; but with much more sophisticated digital techniques of signal processing as some others have discussed recently here on the newsgroups.

Just some more thoughts on another rather warm Sunday afternoon an hour or so befor the first Great Debate!

73, Jim, AH6NB

Jim's excellent post requires no commentary from me.

>
> You just want "to filter out the hordes, so 'YOUR' HF bands aren't
> overcrowded" ... and you like the idea of having your "work ethic" crap
> forced on everyone else ... once again, you're pathetic

I never say any of the bands were mine. I have priviledges granted to me by the FCC in the form of an Extra Class License, so I have permission to use all legal modes in all amateur bands. I got my license because I met the FCC qualifications for it. I'm not forcing anything on anyone. I may be pathetic, but I can sure handle the likes of you, Carl, so what does that say about you?

I'm sure
> that if T.O.M. could come back from the grave, he'd put you near the
> head of the list for the W.H. because you're truly a LID ...

If your ham operating is like your newsgroup posts, then you might have a problem, but I wouldn't. Sticks and stones . . .

> ignorant of
> technology, no spirit of adventure/invention, bigoted, backward, and
> with an "I've got mine, so screw you!" attitude that would have pissed
> him off seriously ...

At least I knew SS was illegal on HF. It takes a strong stomach and a spirit of adventure to debate with you, so I have demonstrated that. It is true I don't "invent" lies and slanders like you do, so in that sense, I am not an inventor. You are the one who belittles others for using CW. I don't belittle anyone. Instead of the attitude you describe, my attitude is a very positive one: "If anyone wants to get a ham license with HF priviledges, I suggest they learn the rules and regulations, theory and math, and the morse code, then take the various tests from a nearby VE, and get all the priviledges the government allows." That's not an attitude, it's the law.

73,
Jim - AD4VL

5745. Re: Pro-code agenda ??? Hogwash...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: carl@ais.net
Message-ID: <54o9vo$lqv@news.ais.net>
Source record: 214188
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In <326F99C3.69D2@ipass.net>, Dave Hockaday <wb4iuy@ipass.net> writes:
>Carl Stevenson wrote:
>> Please read this in its entirety ... it starts out a bit slow, but Jim<snip..snip...snip snip snip>
>
>Blah, Blah, blah....OK..whatever. New technology, CW worthiness debates,
>holding generation X back, etc., etc...whew. CW may be old hat by today's
>standards, but it's fun and _POLITE_. I work CW because I don't have to
>hear this kind of stuff, just friendly rag-chews and DXing.
>
>I'm didn't become a ham to try and develop a new communications
>method/mode, I'm became a ham because it's fun and relaxing (at least on
>the digital modes). None of this noise. I can restore old gear, operate
>AM (!!) if I like (where people are also very friendly!), work DX, etc..

So you never have had any understanding of your obligations under Part 97.1???

>I submit that the "drop code" movement is simply on par with
>the instant gratification mindset that seems to run rampant these days.

No, it's more like "Get your backward, unnecessary roadblocks out of our way and let us do some useful work here ..."

>BTW, I know several codeless techs in the area who are involved in
>developing new technologies, building modern equipment, etc. The codeless
>license does exactly what you ask for...allows them access to everything
>above 50 mhz where they can experiment until their heart's content. The
>fact that they don't have access to _everything_ hasn't even slowed them
>down.

Oh, yeah? How do you propose that they develop and test the latest fade-resistant high-speed HF modem technologies without access to the HF fading channel???

It's bogus to say that 50MHz and up is "all anyone should need" ... it's more like "that's all you want to grudgingly give them"

Carl - wa6vse
carl@ais.net

5746. Re: Pro-code agenda ??? Hogwash...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: billsohl@planet.net
Message-ID: <54ob9t$kqs@jupiter.planet.net>
Source record: 214189

Dave Hockaday <wb4iuy@ipass.net> wrote:

Dave's comments and my follow-up can be found
in rec.radio.amateur.policy

Bill Sohl K2UNK
ARRL Local Gov't Liaison, Mt. Olive Township, NJ

5747. e pluribus ignoramae

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: 71111.260@compuserve.com
Message-ID: <846179845.12942@dejanews.com>
Source record: 214190

Humor Impaired individuals may be offended by the following message
and should depress the button NOW.

Came across this old gem on my hard disk. I'm not sure of the original
author (I *think* it is Danny, K7SS, of "QRP is for Sissies" fame)

Enjoy.

News Release:

QCAO Reorganizes

The Quarter Century Appliance Operators was founded in the
early 1950's by a small group of Amateur Radio operators from
the Pacific Northwest. They had been active in their hobby for
over 25 years, yet still lacked the basic knowledge of radio
electronics and had no idea of how their equipment worked.

They banded together to try and protect each others honor
and pride. At radio gatherings and club meetings in the 1950s
one was considered unworthy of the name Ham Radio Operator if
he or she couldn't not only name components, but know how to
solder them together and make a radio work, or fix a broken set!

When faced with insults and dreision, those few hardy
pioneers banded together and formed the First Chapter and
National Organization of the QCAO. This was known as the "Cold
Solder" Chapter. They even coined the now-famous club byword
"e pluribus ignoramae" which is Latin for "We don't have to know
how to solder, we just wanna talk on our radios."

No veterans of that first chapter are known to be active on
the air today. In the late 1950s and early '60s, with the
worldwide interest in science and space and technology, the QCAO
membership went underground.

It is with great pride and dignity that today in the 1990s
the revived QCAO stands ready to rise from the ashes, and become
the standard of mediocrity it once proudly was. In honor of
those first pioneering members, QCAO hereby invites all eligible
applicants to step forward and join!

The benefits of QCAO include not only the pride of
membership. Think of the warm glow you will feel at club
meetings and gatherings showing off your new all-plastic

imprinted QCAO pocket protector! And that's not all! For your minimal membership fee, you will also receive a handsome, suitable-for-framing, certificate of honor, with hand-lettered name and Charter Membership Number. Other QCAO memorabilia will soon be available for members, including T-shirts, caps, pins, etc. At this date charter membership numbers are still available. Membership requires a 25 years (more or less) interest in Amateur Radio, coupled with a basic ignorance of how radios work and how to repair them.

Think of meeting other QCAO members on the air! No more embarrassing pauses when someone in the QSO mentions an RF choke or a parasitic bleeder...Be able to exchange meaningful sharing, talk about real things, yes, even swap QCAO numbers with each other! And soon perhaps . . . a worldwide QCAO contest!

You no longer have to shrink to the back of the room at post-meeting sessions of your radio club. Just display your QCAO protector and others will be able to identify you immediately. Who knows? Perhaps one of the originals from that old QCAO Chapter is just waiting for you to find him. Join now! Remember "We don't have to know how to solder, we just wanna talk on our radios"! Don't let technoids embarrass you and kick jargon in your face. Stand up for what's right! Join QCAO!

"e pluribus ignoramae"

- - -

This article was posted to Usenet via the Posting Service at Deja News:
http://www.dejanews.com/ [Search, Post, and Read Usenet News!]

5748. Re: shall we adopt the standard USENET advertising policy?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: bnb@mindspring.com
Message-ID: <3270437b.974918@news.mindspring.com>
Source record: 214191

brian@nothing (Brian Kantor) wrote:

>Shall we adopt the standard USENET advertising policy in this group,
>or should it remain as it is now - no advertising of any kind welcome.
>
I vote for no advertising. We are seeing the same ads in radio.swap
and it is a waste of time.

73's, Bob, AE4XG

5749. Great, Its about time!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: sucker <sucker@yankees.net>
Message-ID: <326FBEC9.46C9@cyberramp.net>
Source record: 214192
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.policy

Bruce Perens AB6YM wrote:
>
> Unfortunately, the omnibus budget bill recently signed into law contained
> a reallocation of our 2305-2310 MHz band, to be sold to the highest bidder.
> FCC and ARRL were not consulted.
==========

Great!

There are only 660,000 or so hams in the United States. This money
making spectrum should not be given away to just a few. If the ARRL and
the hams want the space let them bid on it. If the pro CW'ers who are
bent on code got together they could pay to have a code only spectrum.
Lets just see how bad the ARRL and hams in general want this specturm.
Like the old line says, "Money talks, Bull**** walks".

--
Sorry I like analog video. It has a better sample rate.
mailto:wesleyk@cyberramp.net

5750. Wanted: tube manuals

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: Randy Kruid <grennoc@eden.com>
Message-ID: <326FC5A9.683E@eden.com>
Source record: 214193

Wanted: RCA Tube Handbooks. HB-3. Volumes 1-10. Will take some partial sets.

5751. Re: ���� ����� ��� �� ����...�� ������...OK !!! ����

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: mdecker@tcns.co.uk
Message-ID: <54ojgo$44n@spectrum.tcns.co.uk>
Source record: 214194
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.makers.guitar.acoustic,rec.music.dylan,rec.motorcycles.dirt,rec.models.rockets,rec.games.video.classic,rec.games.video.advocacy,rec.games.roguelike.nethack,rec.games.frp.misc,rec.crafts.textiles.quilting,rec.crafts.metalworking,rec.collecting.coins,rec.boats.paddle,rec.boats,rec.bicycles.racing,rec.bicycles.misc,rec.arts.sf.movies,rec.arts.movies.past-films,rec.arts.marching.drumcorps,rec.arts.bodyart,rec.antiques.radio+phono

In article <3265C203.6008@pilot.msu.edu>, boldtlev@pilot.msu.edu wrote:

>Is anybody else getting sick and tired of seeing these ads for
>pyramid-scheme "fundraisers?" Anything we can do to make them shut up?

Well, dumbass, you could have started by not reposting the entire thing to as
many newsgroups as you could. Unless 'Levi Boldt' is a pseudonym for the
moronic twerp in Israel that posted this rubbish in the first place.

>mot@inter.net.il wrote:

<illegal rip-off scheme deleted>

>> Position 5: Yoav Kessler
>> Yehouda Halevi 25 St.
>> Herzelia 46490
>> Israel
>>
>> HONESTY is what makes this work so do send the request for service and

Postmasters at both sites notified.

--

****
mdecker@tcns.co.uk
Think Clean, Live Clean,
Shoot Clean Pinball
****
http://www.tcns.co.uk/decker/biog
"Walk softly and carry a megawatt laser"

5752. Re: Importance of coax length on HF A myth?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: dhughes@efn.org
Message-ID: <326fc364.5358598@news.efn.org>
Source record: 214195
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

On Thu, 24 Oct 1996 14:07:27 GMT, gary@ke4zv.atl.ga.us (Gary Coffman)
wrote:

>In article <54nc7a$s6@lily.redrose.net> jpoll@redrose.net (James Pollock) writes:
>> I have a friend who swears up and down that the length of the
>>coaxial cable to maintain resonance at a given frequency is important
>>for reducing the SWR. He feels that it acts in a similar principal to
>>the fact that the elements of an antenna must be cut to the correct
>>length for the antenna to be resonant at a given frequency.
>>
>> It seems to me I have also read somewhere that this is a myth. I
>>need the true scoop on this. I'm preparing to put up a pretty good
>>antenna system on my roof (a homebrew 10 meter antenna cut to exactly
>>the middle of the band), and don't want to purchase an extra 6 ft of
>>Belden 9913 coax only to have it looped up and losing signal, when in
>>reality I could of used 20 feet instead of 26 feet of cable.
>
>Ok, this can get complex because there are several interrelated
>things happening here. Lets take them one at a time.
>
>The only thing that determines SWR on a transmission line is
>the ratio of the characteristic impedance of the line to the
>impedance presented by *the load*. Nothing you can do at the
>generator end can affect SWR, and changing the length of the
>cable won't change SWR either (but see below).

<huge snip>

>Gary

In general, the correct length of coax for an HF antenna is the
distance it takes to get from the transmitter to the antenna. Don't
worry about length.

Dick Hughes - W6CCD

5753. Re: Gate Two Day One ready?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: terry murphy ab4vj <cq@postoffice.worldnet.att.net>
Message-ID: <326FE04E.374D@postoffice.worldnet.att.net>
Source record: 214196

Thomas J. Alessi wrote:
>
> In <54bj1c$6ub@solaris.cc.vt.edu> jbmitch@vt.edu (John Mitchell) writes:
> >
> >Had a report from a ham who called FCC on Friday, 10-18. The word is that
> >day one callsigns will be mailed out on Monday,10-21. Still nothing on
> >the servers I monitor...
>
> Another false alarm. Day 30 and counting....
>
> Tom
The Word according to Glady's today at 3:30pm is:
"The Gate 2 Day 1 calls will be issued sometime next week"
73 de ab4vj
hoping for W4TM
--
Terry Murphy Amateur Radio Call AB4VJ email: cq@worldnet.att.net
Proud Member of Franklin County ARC-ARES ab4vj@juno.com
http://www.RTPnet.org/~fcarc/ MircNick: TarHeel

5754. Re: shall we adopt the standard USENET advertising policy?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: mulveyr@ll.aa2ys.ampr.org
Message-ID: <slrn56vu20.155.mulveyr@ll.aa2ys.ampr.org>
Source record: 214197

On Thu, 24 Oct 1996 15:44:08 GMT, Jim Kehler <pacrimgolf@kuentos.guam.net> wrote:
>I think we should do like all the other newsgroups. Let everybody post
>whatever they want to post. If the above is SOP for Usenet, you have
>a few thousand people who post daily that haven't read it yet.
>

Sure, and we'll end up with even less of a signal-to-noise
ratio than we have now. It can *ONLY* get worse as we get more
and more neophyte USENET readers who don't bother to learn even
the basics of what is expected on USENET.

>How do you make everyone aware of the above ? Do you post it every
>day ?
>

No, you send a copy of it to posters who violate the convention.
Yes, they may receive a few hundred, or more copies. That's known as
a "learning experience." The rational poster will then realize that
there are social conventions that should be observed in USENET,
just as in face-to-face conversations.

>I think the whole atmosphere would change here if people would start
>doing selective reading, instead of reading everything and complaining
>about having just read something they didn't want to read.

The problem with the "selective reading" theory is that you're placing
the burden of weeding the chaff out on the innocent reader, instead of
the entirely reasonable expectation that people who post will do so with
a modicum of intelligence as to the newsgroup subject. If I go to a lecture
about microwave construction techniques, I have a reasonable expectation
that the speaker will discuss stripline techniques when I get there. If
he starts discussing flower arranging, the audience has every right
to boo him off the stage until he gets a clue. Is it so unreasonable
to expect the same, here? Especially when we have the equivalent of
the flower-arranging class next door, in rec.radio.swap?

- Rich

5755. Re: Importance of coax length on HF A myth?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: Steve Iezzi <SIezzi@Aeronix.Com>
Message-ID: <326FC774.7C67@Aeronix.Com>
Source record: 214198
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Jim Potter wrote:
>
> jpoll@redrose.net (James Pollock) wrote:
>
> >Hi.
> >
> > I have a friend who swears up and down that the length of the
> >coaxial cable to maintain resonance at a given frequency is important
> >for reducing the SWR. He feels that it acts in a similar principal to
> >the fact that the elements of an antenna must be cut to the correct
> >length for the antenna to be resonant at a given frequency.
> >
> > It seems to me I have also read somewhere that this is a myth. I
> >need the true scoop on this. I'm preparing to put up a pretty good
> >antenna system on my roof (a homebrew 10 meter antenna cut to exactly
> >the middle of the band), and don't want to purchase an extra 6 ft of
> >Belden 9913 coax only to have it looped up and losing signal, when in
> >reality I could of used 20 feet instead of 26 feet of cable.
> >
> > Please carbon copy any responses to this post to jpoll@redrose.net
> >so I don't miss any good info.
> >
> > Thanks
> >
> > Jim
> >
> The length of coax doesn't change the VSWR, assuming it's all the same
> impedance. However, the impedance at the transmitter output will be a
> function of cable length if the VSWR is not 1:1. Ultimately what
> matters is not the VSWR, but the impedance match to the transmitter.
> All that is required is a conjugate match so that the transmitter sees
> a resistive load of the right resistance at the output device.
>
> There is one way that the coax length affects VSWT. If the attenuation
> is high the VSWR gets better with length. Someone once said a good low
> power load for 144 MHz is 100 ft of RG-58. It doesn't matter too much
> what's on the far end.
>
> de K9GXC, Jim
>
> James M. Potter, President TEL: (505) 662-5804
> JP Accelerator Works, Inc. FAX: (505) 662-5210
> 2245 47th Street EMAIL: jpotter@jpaw.com

> Los Alamos, NM 87544-1604 URL: http://www.jpaw.com

It's possible to use a cable with an impedance not equal to the characteristic impedance of your antenna and rig. For example, a half wave length of 75 ohm cable will work between a 50 ohm antenna and a 50 ohm transmitter. You can also use 75 ohm cable to match a 100 ohm antenna to a 50 ohm rig by cutting it to the right length. Unfortunately, these tricks generally only work at one frequency.

In this case, the length of the cable is critical to a given frequency.

Steve KT4FY

5756. Yeasu FT-209rh mods

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: jhill@indigo.ie
Message-ID: <326ff629.8255805@news.indigo.ie>
Source record: 214199

Wanted any details of mods for Yeasu FT-209RH. Mods for extending
Frequency to cover 156mzh to 170mzh of particular interest.

All help welcome

regards

John EI0DK

5757. Re: What is HAM

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: Cecil Moore <Cecil_A_Moore@ccm.ch.intel.com>
Message-ID: <326FEB3F.199E@ccm.ch.intel.com>
Source record: 214200

Clint Bradford wrote:
> Personally, I use "Amateur Radio" when I edit texts.

For what it's worth, a newspaper column called "Word For Word"
that researches the origin of words sez:

"A 'Ham' Radio Operator is certainly a play on the word Amateur.
The term was coined in the 1920's".

Sorry, I don't remember what newspaper it was from.

73, Cecil, W6RCA, OOTC (not speaking for my employer)

5758. Re: Is the HTX 202 rely as bad as I have been told?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: mulveyr@ll.aa2ys.ampr.org
Message-ID: <slrn56vt1b.155.mulveyr@ll.aa2ys.ampr.org>
Source record: 214201

On Thu, 24 Oct 96 20:31:26 GMT, trandall@mhv.net <trandall@mhv.net> wrote:
> The 202 is a great HT in my opinion. I'd like more detail as to how to
>change out the battery though. Are the batteries readily available and what's
>the stock number? The 202 takes a licking and keeps on ticking!
>

There's absolutely nothing to changing the battery. Unscrew the back of
the case, lift out the circuit board you see, unsolder the battery, and
solder in the new one. Don't worry about the stock number - it's a
generic 3V li cell that can be purchased anywhere. Even at Radio Shack :-)

- Rich

5759. Re: Can Amatuer Radio survive ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <54o773$i3e@lehi.kuentos.guam.net>
Source record: 214202

john@wd1v.mv.com (John D. Seney, WD1V, LeCroy T&M 800.553.2769) wrote:

>Ham Radio was the true beginning of the Wireless Internet. It will
>ultimately explode. People will have the total ham radio experience
>without the licensing as they teleconference freely thru our ether.
>What hams do now as a "licensed privilege" will be everyone's
>experience - only faster, better, stereo, color, digital, warp
>speed, real-time, multi-tasking, AI smart, way kewl, near free,
>fun communications with anyone they want to about anything they
>want to. The world has shrunk to the size of your computer screen
>and soon, you will too!

>We can dance along the path and make billions of dollars providing
>it or we can clutch our straight keys and resist change. Its
>ultimately a personal choice - but certainly in the domain of how
>we react to the inevitable, not whether the inevitable happens or
>not.

>As a rule of thumb, don't settle for less. Get a 64 bit 200 MHz CPU and
>start designing things that move and use data as fast as you can.

>73!

>John D. Seney
>http://www.mv.com/ipusers/wd1v

John, all the above could very well happen, on the internet. But will ham radio become the internet ? I am missing something in the discussion of all the hi-teck stuff here somewhere. If I want to talk to my Mom across the world on the Webphone, what's that got to do with ham radio ? Isn't there a certain 'fun' aspect to ham radio that we experience by communicating with a radio with someone else ? Will the 'fun' still be there if anyone who has a Visa card and a computer store in their neighborhood can jump in and do it ? It seems to me the internet is for the computer hobbyist, and that ham radio is for the RF hobbyist. Maybe I am confused. Anyway, Grandpa Lenny will like the 'warp speed' stuff you mentioned.

73, Jim KH2D

5760. Re: need MFJ941C MANUAL

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-2410961717010001@host58.cyberg8t.com>
Source record: 214203
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.swap

Yes, I carry the MFJ941C manual along with over 3000 other manuals at
http://www.sarrio.com The 941C costs $7 + $3 for shipping. Come on over
and check out the entire site there is a ton of ham stuff there. 73's Ray

In article <326FAFE8.2DBC@csranet.com>, Hal Rosser AE4YN
<hmrosser@csranet.com> wrote:

> Does anyone know where I can get a manual for
> a MFJ 941-C ant tuner ?
> --
> Thanks in advance
> AE4YN Hal
> hmrosser@csranet.com
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront and web site developer. Located
at http://www.sarrio.com.

In association with Brillar Enterprises http://win-win.com/brillar provider of discount
CD-Roms!

5761. Looking for early Italian Callbooks

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: Wolfango Horn <wolfango@globe.it>
Message-ID: <32705984.2EC6@globe.it>
Source record: 214204

My father, Walter G. Horn - i4MK, an OM pioneer of the radio in Italy and author of technical papers in QST and QEX, is writing a book about the beginnings of radioamateur transmissions in Italy.
Unfortunately, both ARI (italian branch of IARU) and Telecommunications Department are not able to provide any callbook of italian radioamateurs operating from 1935 to 1940 in Italy.
Such callbooks were destroyed during the II World War.
He would be happy to have OMs' assistance in looking for them.
He firmly believes such a callbook could be traced, perhaps as a part of international radioamateur callbooks of that period, in USA, so the aim to complete his laborious compilation could be attained.
Thanks in advance. 73 & 51.

5762. Re: Vanity Callsign Update

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: "T.J. Alessi" <Tom@Alessi.Com>
Message-ID: <32700CB1.3F84@Alessi.Com>
Source record: 214205

> Lewis Cheek (kc4hr@erols.com) wrote:
> : On 23 Oct 1996 21:59:41 GMT, HWDX09A@prodigy.com (Robert Reed) wrote:
>
> : >I had an e-mail from Larry Wiekert in the FCC's Gettysburg Licensing
> : >DIvision Monday where he said the hope to run the "Day 1's" by the end of
> : >the week pending no compter problems.
>
> : That's great how about a copy of his e-mail?
>
> Gee... do I sense another disbeliever of second hand information? :-)

You've got to believe, you've got to believe.

GOD my nerves are shot from the waiting!!!!
--
T.J. Alessi, WB1L E-Mail: Tom@Alessi.Com
147 Joffre Avenue www.discovernet.net/usr/alessi
Stamford, Connecticut 06905 Voice: 203.977.5200

5763. Re: Looking for manual: President HR2600 10m rig

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-2410961808010001@host58.cyberg8t.com>
Source record: 214206
Cross-posted to: rec.radio.amateur.misc,triangle.radio

Yes, I carry the Uniden HR2600 manual along with over 3000 other manuals at http://www.sarrio.com The HR-2600 operators manual costs $16 + $3 for shipping. Come on over and check out the entire site there is a ton of ham stuff there. 73's Ray

In article <54k28o$ljk@dfw-ixnews7.ix.netcom.com>, travisp@ix.netcom.com wrote:

> I really would like to get a copy of the manual for a President
> HR2600 10m rig. If anyone has one and could send me a copy please let
> me know. (I will pay for any expense involved.) Thanks!
>
> 73 de KE4MBD (Travis)
> **
> * Gerald Travis Phillips *
> * Home address:travisp@ix.netcom.com *
> * School address:gtphilli@hamlet.uncg.edu *
> * WWW:http://www.netcom.com/~travsip *
> * *
> * Amateur Call: KE4MBD *
> * Ham address: ke4mbd@amsat.org *
> * 73 *
> * *
> * Smile! God Loves You! *
> **
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront and web site developer. Located at http://www.sarrio.com.

In association with Brillar Enterprises http://win-win.com/brillar provider of discount CD-Roms!

5764. Re: need MFJ941C MANUAL

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: Andy Evancho <Andy.Evancho@mail.prostar.com>
Message-ID: <326FE7C4.540F@mail.prostar.com>
Source record: 214207
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.swap

Hal Rosser AE4YN wrote:
>
> Does anyone know where I can get a manual for
> a MFJ 941-C ant tuner ?
> --
> Thanks in advance
> AE4YN Hal
> hmrosser@csranet.comI have written MFJ directly and they have sent me a manual free of charge.

5765. Re: QSL cards:

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: Gene Shablygin <gene@jetisi.com>
Message-ID: <326F9E32.50D7@jetisi.com>
Source record: 214251

willard zerbe wrote:
>
> Would someone please post a good source for mail order QSL cards.
> Thanks, Willard, KA7ACK

Try WX9X. Good quality, reasonable price, friendly service.
You can order the cards on the WEB.

73 Gene AB5GY / RA3AA

5766. Re: 'Nother Pro-code Luddite

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: carl@ais.net
Message-ID: <54mjmn$jld@news.ais.net>
Source record: 214252

In <326EACF1.566E@gte.net>, Jim Conn <jconn@gte.net> writes:
>
>Doesn't stop any technological progress at all. Technology marches on,
>every day, so how can you claim we have stopped it?

OK, so you're not *totally* successful ... but that's just incompetence,
not because you don't try ... (to resist the spread of new technology)

>A bogus argument, and
>you know it. Besides, we pro-coders are for technical progress on all
>fronts.

Bullshit! ... if it's not done with a key and doesn't make "di di duh
duh" sounds, it's too modern for you ...

>> Morse code testing IS holding back progress in ham radio by keeping out
>> more technically-inclined individuals who have no use for
>> turn-of-the-century, nostalgia methods ...
>
>That morse testing is holding back progress in ham radio is a completely
>gratuitous assumption on your part. Morse testing does keep out those
>who don't want to learn the code, but it lets many in those who are
>technically-capable (the written tests) and willing to achieve something
>worthwhile through honest effort (the morse code test).

That morse testing is NOT holding back progress ... is a completely
gratuitous assumption on YOUR part ... you admit above that it (Morse
testing) does keep out those who don't want to learn the code (the
technically-inclined, progressive one, that is ...) That's clearly a
Bad Thing ... (except to you Luddites, who hate to see anyone with
progressive ideas get into ham radio ...)

But then, you try to somehow twist that into a Good Thing by saying "but
it lets in those who are willing to achieve something worthwhile
through honest effort (the morse code test)." This is a completely
bogus assumption that panders to YOUR idea that "the code is worthwhile"
.. which the real world has rejected in EVERY OTHER RADIO SERVICE ...

TODAY's world does not agree that Morse code is worthwhile, or they'd be
using it ... but they're not ... they abandoned it in droves DECADES ago
in favor of better things ... ONLY hams are stupid enough to cling to it
in quasi-religious dedication ...

It also panders to another view that seems to be widely accepted amongst
Luddites ... that "honest work is necessary to prove one's 'worth'" ...
this, of course is YOUR work ethic, and it's bogus, too ... the ONLY
criteria for deciding who gets/doesn't get a license should be "Are they

technically qualified to assemble and operate an amateur radio station without harming themselves or the public and/or creating interference to other hams or other services?" Period, end of story, nothing more, nothing less ... your work ethic has NO bearing ... it is NOT the government's job to force it on me, Joe Blow, or anyone else ...

>Carl, can't you see that the fact that morse code is a communications
>mode that has stood the test of time is a point in its favor, not against
>it? Besides, the relative age of a mode does not directly relate to its
>effectiveness.

NO ... and nobody else sees it that way either ... Morse has not "stood the test of time" ... it FAILED it miserably decades ago and was abandoned by everyone with a mimimal amount of technical knowledge and common sense (which left you out ...)

>Otherwise, I'm sure aircraft would be using a digital
>data mode to communicate with the air traffic controllers in the tower
>instead of voice.

DUH! They ARE to a significant degree ... reporting of altitude, flight number and other information is automated ... and commercial flights transmit volumes of routine data of all types to/from the ground using digital systems ... cockpit voice is used for ATC because it places less of a burden on the attention of the air crew in crowded airspace maneuvering situations than other modes (because voice is a "natural" form of communications, the crew can talk and drive at the same time with less distraction from driving than code or typing messages on a keyboard ...)

>> and the advocates of
>> continued Morse testing are, for the most part, the same ones who
>> vigorously reject and oppose the introduction of more modern methods
>> like the various digital, spread spectrum, and similat techniques ...
>> out of ignorance, fear, and a lack of ability to appreciate the
>> necessity for modernization ... yup LUDDITES ...
>
>This is not a true statement. "Most" pro-code adherents do not oppose
>other methods. In fact, I don't know of any.

That's another lie on its face ... you, yourself do ... and you've said it over and over again ...

>Spread Spectrum is
>illegal on HF, so yes, you're right about that, I oppose using illegal
>modes.

RED HERRING ALERT!!!!!!! There are lots of non-spread spectrum modes that are much better than CW and you oppose them, too ... just because you "like" CW and it's not "scary" to you like that modern stuff you can't understand ... (or accept)

>Your statement is ridiculous. You merely fabricated this little
>"anti-technology straw baby" so you could pin the "Luddite" label on it
>and try to call it a pro-coder.

I didn't fabricate you pro-coders ... hell, I'm trying to stamp out your
narrow-minded, backward ideas ...

>> >Morse code
>> >is not a technology, but a communications mode.
>>
>> And an antiquated one at that ... but you pro-code Luddites insist on
>> maintaining it as a licensing requirement, despite the fact that
>> everybody ... outside of ham radio ... has abandoned its use in > foavor
>> of more modern, more efficient technologies ... yup LUDDITES ...
>
>Nope, not! Can't you decide whether it is a mode or a technology? Do you
>switch back and forth as the occasion arises? You agree it is a mode,
>then in the same sentence say everyone has abandoned the "technology."
>Morse code is a mode, not a "technology", and it is still an effective
>mode, despite your dislike of it.

OK, it's BOTH a mode and a technology ... you can call it either and it
still doesn't matter ... it's backward, whichever term you use ...

>There are different modes of transportation: i.e., walking, horseback
>riding, driving a car, and flying. Each mode of transportation has its
>place.

Not too many people commuting in rush-hour freeway traffic on their
horses .... (maybe you pro-coders would, if someone hadn't had the good
sense to ban horses from the freeway system)

>Sometimes it is more appropriate to walk than drive, and in some
>situations horseback is more appropriate than driving a car. Driving is
>often cheaper than driving.

"Driving is often cheaper than driving." ???? Well, I guess that makes
as much sense as any of your other ridiculous statements, Jim.

>CW is cheaper than most modes to set up.

SO WHAT?????? Cheap is NOT the primary metric ... besides, high-tech is
not necessarily expensive ... as I said, I've got a freaking telephone
with 100 MIPS of DSP processing capability in it ... chips are cheap ...
the fact that you fear them and can't understand how they work and the
benefits they can provide is TOTALLY irrelevant (as are you, in todays
world)

>So
>the morse mode still has a legitimate place in the amateur's repertoire
>of communications modes.

Bullshit! It's a horse in a jet helicopter world ...

>> >The bogus notion that morse testing is holding back
>> >progress in technology is patently ridiculous.
>>
>> No, it's patently TRUE, but the assertion that maintaining Morse testing
>> is necessary and desirable in today's world flies in the face of reality
>> and labels you and your co-advocates as modern-day LUDDITES ...
>

CHECK THIS OUT BELOW**********

>Sorry, Carl, but your claim doesn't hold water. The morse test serves as
>a very nice filter to restrict to a reasonable number those who have
>access to HF.

OK, now we're getting to reality ... YOU don't want more people on
"YOUR" HF bands (they might get too crowded for your antiquated
methods), so you want to mantain a "filter" to "keep newcomers out"
THAT IS PROBABLY THE FIRST HONEST STATEMENT YOU'VE MADE IN THIS ENTIRE
DEBATE!!!

>Via the morse testing requirement, our government is fulfilling its
>responsibility to restrict the numbers of those who have access to the HF
>bands.

Our government HAS NO SUCH "responsibility" ... what bullshit!

>If they did not, so many americans would get on HF as to destroy
>the bands world-wide, not just here in the U.S. Foreign hams have a right
>to use the bands as well as Americans.

How outrageous!!!!!!!!!!!!!!!!!!!! But I'm glad to see your true
colors finally showing through ...

Just how would we "destroy the bands?" I would submit that without
huge increases in the number of hams world-wide, the bands will CEASE TO
EXIST in a few years because governments will not be able to justify
allocating such a precious resource to so few who put the resource to
such piss-poor uses ...

>I admit that making the tests much tougher technically would accomplish
>the filtering objective.

The "filtering objective" is pure bullshit!! It is something conceived
in one of your technically ignorant nightmares, rooted in your own
insecurity in the worth of what you practice, and fed by the fear that
progress and change will prove what you fear most ... that you're
inadequate technically to compete and survice in today's world ...

>However, that would unfairly exclude those who
>are not scientists or engineers.

Ridiculous ...

>The truly dedicated will learn morse
>code to get a license, since it can be accomplished with reasonable

>effort at low cost, and doesn't discriminate against anyone.

First, this is just more of you wanting the government to force your (backward) mode of preference and your "work ethic" on everyone ...

secondly, yes it DOES ... it discriminates against anyone who thinks that YOUR prefered mode is a waste of time and has no relevance in today's world (i.e. anyone with a better grasp of technology and the real world than you ...)

>Carl, the FCC does not, I hope, share your expressed desire to see
>millions of additional hams jammed into the already crowded HF bands.

You think they're "already crowded" ... I doubt the FCC would agree .. the ham bands probably have the smallest user/MHz radio of any service ... and the worst "utilitzation factor" too, I'm sure ...

>don't bother bringing up your "If the bands get crowded, we'll all move
>to Spread Spectrum" argument, because Spread Spectrum is illegal on HF.

That's why we need to get the antiquated, outdated, ARRL/Luddite amateur radio rules UPDATED, despite your protestations ..

>Spread Spectrum is not likely to be allowed anytime soon on the HF ham
>bands for reasons of national security.

In making this statement, your lack of understanding is clearly revealed once again ... Give us a break ... it's being used ROUTINELY in consumer items like cordless phones, computer lans, etc. ... there IS NO legitimate national security reason not to permit it on HF ... NONE ...

You just want "to filter out the hordes, so 'YOUR' HF bands aren't overcrowded" ... and you like the idea of having your "work ethic" crap forced on everyone else ... once again, you're pathetic ... I'm sure that if T.O.M. could come back from the grave, he'd put you near the head of the list for the W.H. because you're truly a LID ... ignorant of technology, no spirit of adventure/invention, bigoted, backward, and with an "I've got mine, so screw you!" attitude that would have pissed him off seriously ...

Carl - wa6vse
carl@ais.net

5767. Jim Conn's OUTRAGEOUS pro-code agenda finally revealed

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: carl@ais.net
Message-ID: <54mkjn$ku9@news.ais.net>
Source record: 214253
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Please read this in its entirety ... it starts out a bit slow, but Jim really loses it towards the end and reveals the REAL pro-code agenda ... to restrict the number of US hams on HF to save the bands for foreign hams ('cause more US hams would "destroy the bands") HIS WORDS, NOT MINE

In <326EACF1.566E@gte.net>, Jim Conn <jconn@gte.net> writes:

>
>Doesn't stop any technological progress at all. Technology marches on,
>every day, so how can you claim we have stopped it?

OK, so you're not *totally* successful ... but that's just incompetence, not because you don't try ... (to resist the spread of new technology)

>A bogus argument, and
>you know it. Besides, we pro-coders are for technical progress on all
>fronts.

Bullshit! ... if it's not done with a key and doesn't make "di di duh duh" sounds, it's too modern for you ...

>> Morse code testing IS holding back progress in ham radio by keeping out
>> more technically-inclined individuals who have no use for
>> turn-of-the-century, nostalgia methods ...
>
>That morse testing is holding back progress in ham radio is a completely
>gratuitous assumption on your part. Morse testing does keep out those
>who don't want to learn the code, but it lets many in those who are
>technically-capable (the written tests) and willing to achieve something
>worthwhile through honest effort (the morse code test).

That morse testing is NOT holding back progress ... is a completely gratuitous assumption on YOUR part ... you admit above that it (Morse testing) does keep out those who don't want to learn the code (the technically-inclined, progressive one, that is ...) That's clearly a Bad Thing ... (except to you Luddites, who hate to see anyone with progressive ideas get into ham radio ...)

But then, you try to somehow twist that into a Good Thing by saying "but it lets in those who are willing to achieve something worthwhile through honest effort (the morse code test)." This is a completely bogus assumption that panders to YOUR idea that "the code is worthwhile" .. which the real world has rejected in EVERY OTHER RADIO SERVICE ...

TODAY's world does not agree that Morse code is worthwhile, or they'd be using it ... but they're not ... they abandoned it in droves DECADES ago

in favor of better things ... ONLY hams are stupid enough to cling to it in quasi-religious dedication ...

It also panders to another view that seems to be widely accepted amongst Luddites ... that "honest work is necessary to prove one's 'worth'" ... this, of course is YOUR work ethic, and it's bogus, too ... the ONLY criteria for deciding who gets/doesn't get a license should be "Are they technically qualified to assemble and operate an amateur radio station without harming themselves or the public and/or creating interference to other hams or other services?" Period, end of story, nothing more, nothing less ... your work ethic has NO bearing ... it is NOT the government's job to force it on me, Joe Blow, or anyone else ...

>Carl, can't you see that the fact that morse code is a communications
>mode that has stood the test of time is a point in its favor, not against
>it? Besides, the relative age of a mode does not directly relate to its
>effectiveness.

NO ... and nobody else sees it that way either ... Morse has not "stood the test of time" ... it FAILED it miserably decades ago and was abandoned by everyone with a mimimal amount of technical knowledge and common sense (which left you out ...)

>Otherwise, I'm sure aircraft would be using a digital
>data mode to communicate with the air traffic controllers in the tower
>instead of voice.

DUH! They ARE to a significant degree ... reporting of altitude, flight number and other information is automated ... and commercial flights transmit volumes of routine data of all types to/from the ground using digital systems ... cockpit voice is used for ATC because it places less of a burden on the attention of the air crew in crowded airspace maneuvering situations than other modes (because voice is a "natural" form of communications, the crew can talk and drive at the same time with less distraction from driving than code or typing messages on a keyboard ...)

>> and the advocates of
>> continued Morse testing are, for the most part, the same ones who
>> vigorously reject and oppose the introduction of more modern methods
>> like the various digital, spread spectrum, and similat techniques ...
>> out of ignorance, fear, and a lack of ability to appreciate the
>> necessity for modernization ... yup LUDDITES ...
>
>This is not a true statement. "Most" pro-code adherents do not oppose
>other methods. In fact, I don't know of any.

That's another lie on its face ... you, yourself do ... and you've said it over and over again ...

>Spread Spectrum is
>illegal on HF, so yes, you're right about that, I oppose using illegal
>modes.

RED HERRING ALERT!!!!!!! There are lots of non-spread spectrum modes
that are much better than CW and you oppose them, too ... just because
you "like" CW and it's not "scary" to you like that modern stuff you
can't understand ... (or accept)

>Your statement is ridiculous. You merely fabricated this little
>"anti-technology straw baby" so you could pin the "Luddite" label on it
>and try to call it a pro-coder.

I didn't fabricate you pro-coders ... hell, I'm trying to stamp out your
narrow-minded, backward ideas ...

>> >Morse code
>> >is not a technology, but a communications mode.
>>
>> And an antiquated one at that ... but you pro-code Luddites insist on
>> maintaining it as a licensing requirement, despite the fact that
>> everybody ... outside of ham radio ... has abandoned its use in > foavor
>> of more modern, more efficient technologies ... yup LUDDITES ...
>
>Nope, not! Can't you decide whether it is a mode or a technology? Do you
>switch back and forth as the occasion arises? You agree it is a mode,
>then in the same sentence say everyone has abandoned the "technology."
>Morse code is a mode, not a "technology", and it is still an effective
>mode, despite your dislike of it.

OK, it's BOTH a mode and a technology ... you can call it either and it
still doesn't matter ... it's backward, whichever term you use ...

>There are different modes of transportation: i.e., walking, horseback
>riding, driving a car, and flying. Each mode of transportation has its
>place.

Not too many people commuting in rush-hour freeway traffic on their
horses .... (maybe you pro-coders would, if someone hadn't had the good
sense to ban horses from the freeway system)

>Sometimes it is more appropriate to walk than drive, and in some
>situations horseback is more appropriate than driving a car. Driving is
>often cheaper than driving.

"Driving is often cheaper than driving." ???? Well, I guess that makes
as much sense as any of your other ridiculous statements, Jim.

>CW is cheaper than most modes to set up.

SO WHAT?????? Cheap is NOT the primary metric ... besides, high-tech is
not necessarily expensive ... as I said, I've got a freaking telephone
with 100 MIPS of DSP processing capability in it ... chips are cheap ...
the fact that you fear them and can't understand how they work and the
benefits they can provide is TOTALLY irrelevant (as are you, in todays
world)

>So
>the morse mode still has a legitimate place in the amateur's repertoire

>of communications modes.

Bullshit! It's a horse in a jet helicopter world ...

>> >The bogus notion that morse testing is holding back
>> >progress in technology is patently ridiculous.
>>
>> No, it's patently TRUE, but the assertion that maintaining Morse testing
>> is necessary and desirable in today's world flies in the face of reality
>> and labels you and your co-advocates as modern-day LUDDITES ...
>

CHECK THIS OUT BELOW**********
HERE'S the REAL pro-code agenda ...

>Sorry, Carl, but your claim doesn't hold water. The morse test serves as
>a very nice filter to restrict to a reasonable number those who have
>access to HF.

OK, now we're getting to reality ... YOU don't want more people on
"YOUR" HF bands (they might get too crowded for your antiquated
methods), so you want to mantain a "filter" to "keep newcomers out"
THAT IS PROBABLY THE FIRST HONEST STATEMENT YOU'VE MADE IN THIS ENTIRE
DEBATE!!

>Via the morse testing requirement, our government is fulfilling its
>responsibility to restrict the numbers of those who have access to the HF
>bands.

Our government HAS NO SUCH "responsibility" ... what bullshit!

>If they did not, so many americans would get on HF as to destroy
>the bands world-wide, not just here in the U.S. Foreign hams have a right
>to use the bands as well as Americans.

How outrageous!!!!!!!!!!!!!!!!!!!! But I'm glad to see your true
colors finally showing through ...

Just how would we "destroy the bands?" I would submit that without
huge increases in the number of hams world-wide, the bands will CEASE TO
EXIST in a few years because governments will not be able to justify
allocating such a precious resource to so few who put the resource to
such piss-poor uses ...

>I admit that making the tests much tougher technically would accomplish
>the filtering objective.

The "filtering objective" is pure bullshit!! It is something conceived
in one of your technically ignorant nightmares, rooted in your own
insecurity in the worth of what you practice, and fed by the fear that
progress and change will prove what you fear most ... that you're
inadequate technically to compete and survice in today's world ...

>However, that would unfairly exclude those who
>are not scientists or engineers.

Ridiculous ...

>The truly dedicated will learn morse
>code to get a license, since it can be accomplished with reasonable
>effort at low cost, and doesn't discriminate against anyone.

First, this is just more of you wanting the government to force your
(backward) mode of preference and your "work ethic" on everyone ...

secondly, yes it DOES ... it discriminates against anyone who thinks
that YOUR prefered mode is a waste of time and has no relevance in
today's world (i.e. anyone with a better grasp of technology and the
real world than you ...)

>Carl, the FCC does not, I hope, share your expressed desire to see
>millions of additional hams jammed into the already crowded HF bands.

You think they're "already crowded" ... I doubt the FCC would agree
.. the ham bands probably have the smallest user/MHz radio of any
service ... and the worst "utilitzation factor" too, I'm sure ...

>don't bother bringing up your "If the bands get crowded, we'll all move
>to Spread Spectrum" argument, because Spread Spectrum is illegal on HF.

That's why we need to get the antiquated, outdated, ARRL/Luddite amateur
radio rules UPDATED, despite your protestations ..

>Spread Spectrum is not likely to be allowed anytime soon on the HF ham
>bands for reasons of national security.

In making this statement, your lack of understanding is clearly revealed
once again ... Give us a break ... it's being used ROUTINELY in consumer
items like cordless phones, computer lans, etc. ... there IS NO
legitimate national security reason not to permit it on HF ... NONE ...

You just want "to filter out the hordes, so 'YOUR' HF bands aren't
overcrowded" ... and you like the idea of having your "work ethic" crap
forced on everyone else ... once again, you're pathetic ... I'm sure
that if T.O.M. could come back from the grave, he'd put you near the
head of the list for the W.H. because you're truly a LID ... ignorant of
technology, no spirit of adventure/invention, bigoted, backward, and
with an "I've got mine, so screw you!" attitude that would have pissed
him off seriously ...

Carl - wa6vse
carl@ais.net

5768. shall we adopt the standard USENET advertising policy?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: brian@nothing
Message-ID: <199610240310.UAA24074@nothing.ucsd.edu>
Source record: 214254

Shall we adopt the standard USENET advertising policy in this group,
or should it remain as it is now - no advertising of any kind welcome.

Advertising Policy:

Following standard Usenet guidelines, the newsgroup is not intended to
be used for commercial advertising, solicitation, or marketing of
products or services. However, announcements of products or services
directly relevant to the newsgroup with be permitted, but only in the
following circumstances:

-The product is new or has undergone substantial change
-The posting is clearly marked as an announcement by prefixing the
subject line with the tag, "ANNOUNCE:"
-The posting is brief and contains no marketing hype.

- Brian

5769. Need Yaesu email address

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: stevehan@ptd.net
Message-ID: <54mmm1$ap0@news.ptd.net>
Source record: 214255

If anyone knows it please send it to me.

Thanks
Steve

--
+---+
| Steve Hancock, N3FWE stevehan@ptd.net |
| Dynamic IP for Chat: http://home.ptd.net/~stevehan |
| The Pro-2006/Probe Home Page http://home.ptd.net/~pro2006 |
| "The Truth is Out There" |
+---+

5770. Re: Is the HTX 202 rely as bad as I have been told?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct24.015934.1001@ke4zv.atl.ga.us>
Source record: 214256

In article <DzqsG9.3nD@scn.org> bb840@scn.org (James Aeschliman) writes:
>
>In a previous article, usnret@concentric.net (Duane Anderson) says:
>
>>
>>James:
>>When I bought my HTX-212, I also bought an extended warranty with it
>>good for 6 years...when the memory battery goes out, then I will let
>>Radio Shack "fix" it for me under the warranty, (or they can give me a
>>NEW one; I wont mind).
>>
>>Duane.
>>
>>James Aeschliman wrote:
>>
>>> I almost bought one about a year ago. The only thing that stopped me was
>>> the battery that holds the memory information lasts about 5 years, but it
>>> is NOT user replaceable. I've heard that only a few models have a user
>>> replaceable battery. All the rest must go back to the factory for
>>> battery replacement.
>>
>Actually that's how I found out about the battery. When I said I did not
>want the extended warranty, the sales person told me it would cover the
>battery replacement and that it's not user replaceable. Killed the sale
>right there. I have an old ICOM handheld that doesn't require such a
>battery. I added a tone board to the ICOM handheld.
>
>Also, the original post referred to an HTX 202, which may be a mobile
>rig, not a handheld (I'm not familiar with the model numbers). My
>comments refer only to the handheld. I don't know anything about the
>mobile rigs.
>--
>Jim Aeschliman bb840@scn.org
>Black Diamond, Washington KD7MK

This is amazing. An Advanced class licensee who can't change a battery.
It's just a standard off the shelf 3 volt lithium cell soldered in by
two tabs. Unlicensed computer owners change the lithium cells in their
computers, surely an Advanced amateur can handle that simple little chore.
It certainly isn't rocket science. An amateur is not supposed to be just
a *user*, so the "no user servicable parts inside" disclaimer doesn't
apply.

Gary
--

Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

5771. Re: New online survey asks--->Why aren't you an ARRL member?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-24 00:00:00 UTC
From: armond@delphi.com
Message-ID: <ZvDzeL9.armond@delphi.com>
Source record: 214257

Raymond Sarrio <wb6siv@cyberg8t.com> writes:

>Less than 1/3 of all ham radio operators are members of the ARRL. The

First, your very premise is in error. You say that less than 1/3 of hams arte
ARRL members. Most likely 1/2 of the entries in the callbook (or FCC database)
[A to have one.
Of the actual active operators, who are truly on the air often, as practicing
radio amateurs, I'd say that the vast overwhelming majority are ARRL members!

5772. Re: Drum Clinic in Bethlehem, Pa.10/29

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: Dan Fox <Daniel_Fox_at_SEDDS.SED01.CSC@CSCMAIL.CSC.COM>
Message-ID: <3270D949.5F9D@CSCMAIL.CSC.COM>
Source record: 214058
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.snowmobiles,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketplace.vinyl,rec.music.makers.guitar.acoustic,rec.music.dylan,rec.music.artists.kiss,rec.motorcycles.dirt,rec.models.rockets,rec.games.video.classic,rec.games.video.advocacy,rec.games.roguelike.nethack,rec.games.frp.misc,rec.crafts.textiles.quilting,rec.crafts.metalworking,rec.collecting.dolls,rec.collecting.coins,rec.boats.paddle,rec.boats,rec.bicycles.racing,rec.bicycles.misc,rec.autos.makers.honda,rec.arts.sf.movies,rec.arts.movies.past-films,rec.arts.marching.drumcorps,rec.arts.bodyart,rec.aquaria.marine.reefs,rec.antiques.radio+phono

Chet Doboe wrote:
>
> This coming Tuesday, October 29th, The California Drum Shop in
> Bethlehem, Pa., will hold a Drum Clinic featuring the Hip Pickles.
> Show time is 7pm and there will be plenty of door prizes and a finale
> featuing a Hip Pickle patented 'community jam'. Hip Pickles are a
> percussion trio that are 6x DCA drum ensemble Champions and perform in
> many different styles including Corps, funk, afro-cuban, Samba etc...
> and sometimes with pre-recorded sequences. Featuring Chet Doboe,
> Chris Scherer and Zeusman, the Hip Pickles will be performing material
> from their new cd,"Out of the Jar", and demonstrating and discussing
> concepts to improve chops, timing, how to get the most out of practice
> time and musicianship.
>
> For more information Call California Drum Shop at 610 866-5418. If
> your in the area come on out and say hi!

Chet:

You posted this in at least 30 arbitrary and unrelated newsgroups. This is called spamming, and is very extremely rude in terms of Internet etiquette. As a veteran of 15 years in the DC folk music scene, I can also assure you that as a method of advertising an upcoming concert, it is singularly ineffective.

Please stop now and don't do this again. I'm writing you in the hopes that you're simply clueless and not a habitual spammer. If I thought otherwise, I would send my complaint to your service provider. When a service provider gets over a thousand or so complaints about one account, they tend to figure that that account is not worth the trouble, and that account tends to go away. That's how this Internet thing works; you have been warned.

--dan fox

5773. Re: Standard C5900DA Reviews.....

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: "Justin M. Bodie" <bodie@worldnet.att.net>
Message-ID: <327120B1.4907@worldnet.att.net>
Source record: 214059
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

> > Anyone have any experience operating
> > the C5900DA and if so, what are the pros and cons of this rig???

The November issue of "CQ VHF" has a very good article about the unit,
but it seems to be very biased toward the positive. Perhaps it's just
a great rig!

Justin
--
.....
Justin M. Bodie, North Dakota State University
E-mail: bodie@worldnet.att.net
Website: http://www.geocities.com/Yosemite/2062/

5774. Re: Alpha Bravo phonetics: the quickie version

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: jpstrain@netcom.com
Message-ID: <jpstrain-2510961307250001@jpstrain.slip.netcom.com>
Source record: 214060
Cross-posted to: alt.usage.english,sci.lang,rec.radio.amateur.misc,aus.radio.amateur.misc

In article <54qpq4$csp@lyra.csx.cam.ac.uk>, Brian.Kelk@cl.cam.ac.uk wrote:

> Phonetic Alphabets (Alpha Bravo etc)
> (brief version)
>
> There is a widely known alphabet Alpha Bravo ... Yankee Zulu.
> Such alphabets are variously known as phonetic alphabets,
> radio alphabets, spelling alphabets and telephone alphabets.
>
> I have a collection of alphabets for many languages which
> I post occasionally, but as that now amounts to many hundreds
> of lines I here post a brief sample.
<SNIP, BIG TIME>
> Two Spanish alphabets:
>
> Antonio Barcelona Carmen Chocolate Dolores Enrique ... Zaragoza
>
> Amalia Beatriz Carmen Domingo ... Yucata'n Zorro

Thanks very much, Brian. I haven't had time yet to d/l any of the more lengthy lists you cited, but as a newbie here, your post struck me as another wonderful instance of learning one of those "things-you-always-wanted-to-know-but-how-on-earth-would-you-look-something-like-that-up?" In the Spanish language, because many sounds are elided to perhaps a greater degree than in English, the phonetic alphabet is especially useful. About 10 years ago, in Taxco, Mexico, I listened as a hotel clerk spelled out my last name over the phone to a reservationist in Acapulco, our next stop. The alphabet she used seemed to consist of given names, mostly male. I still remember her phonetic version of "Strain" because I've since used it many times myself. It went, "Ese Saul, te Tom&#65533;s, ere Ram&#65533;n, a Antonio, i Ignacio, ene Norma." Thanks again.
. . . jim strain in san diego.

5775. Re: Getting started

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: hans_brakob@adc.com
Message-ID: <846193865.16747@dejanews.com>
Source record: 214061
Cross-posted to: rec.radio.amateur.boatanchors,rec.radio.amateur.misc

"J. R. C." wrote:
>
> Would love to get started in HAM radio. I'm fifty and want a solid
> activity for when I retire. Don't know a thing about Ham but have done
> a little C.B. Any ideas on the best way to get started - tests -
> equipment - etc. Any and all info appreciated.
>

This message is a VERY brief
attempt to explain the hobby and give some pointers on where to get
more information. Almost certainly I won't answer all your questions,
so feel free to ask for help. Hams are famous for their
eagerness to help newcomers.

(First I have to explain something you might not have realized. In
doing so, I'm going to paraphrase something written by Steve Ford,
WB8IMY, in his introduction to a book entitled "The ARRL Operating
Manual".)

In case you didn't know, belief in magic is a necessary requirement
for all Amateur Radio operators. Of course, you won't see a question
concerning magic or metaphysics on the test you take to obtain your
license, but in your heart you will come to believe in that powerful,
intangible force.

All of us in the hobby have felt its influence at one time or
another. Some night when the band is dead as a doornail you'll be
tuning aimlessly, not expecting to hear a single signal because NOTHING
could be coming through at that hour. But then, rising out of the noise
like a ghost, there will be a faint call from another stalwart explorer
thousands of miles distant. You pounce, establish contact and both of
you marvel at the fact that the conversation is taking place at all. A
few minutes later, however, the signal vanishes as quickly as it came.
Your rational mind will shrug it off as a quirk of propagation, but
that little tingle in your gut will tell you otherwise.

If you could travel back in time to, say, 1294 AD, you'd probably
be burned at the nearest stake for even suggesting that two human
beings could communicate with each other over great distances without a
physical connection. No doubt they would accuse you of dabbling in
magic -- and they'd be right!

As Amateur Radio operators, we work feats of magic every day. Many
of us have become jaded about our powers and we tend to dismiss them as
commonplace. We hardly think twice when we use our equipment to sommon

the elemental forces of the universe. But every so often we need to pause and remind ourselves of what we are really doing. We need to remember the essence of what drew us to our unusual avocation in the first place: the wonderful magic of wireless communications.

So how can YOU become a magician?

First, you need to prepare to obtain a Magicians License. The Federal Communications Commission calls them Amateur Radio Operator Licenses, and they come in 5 "classes".

There are two "entry class" licenses, namely the Novice and Technician class. These two classes of license are designed to give the newcomer access to a number of frequency bands without a too-strenuous examination.

The Novice class gives the widest range of frequencies, and will be attractive to folks with a desire to talk to "distant" places. The written test is the simplest of all the tests, and the examination also requires you to be able to copy Morse code at 5 words per minute. This license will also give you access to some "local" bands, but not as many as the Technician class.

The Technician class license, as the name implies, is aimed more at folks with a technical bent (you don't have to be an electrical engineer though). The written test is a bit more difficult, but you don't need to know Morse code for this license. The frequency bands for this license give you more "local" communications, although if you wish, you CAN take the Morse test, in which case you will also get access to the "worldwide" bands the same as the Novice class.

The next three classes of license are General, Advanced, and Extra. These three classes have access to portions of all amateur bands, with progressively more difficult exams, and requirements for copying faster Morse code (13, 13, and 20 words per minute respectively).

To prepare for the exams you will need some study material and more information about classes, examination points (the exams are given by volunteer Hams in your community), and clubs in your area. A number of organizations will be more than willing to help. One such organization is the American Radio Relay League. Write them at:

ARRL 225 Main Street Newington, CT 06111

or call them at 1-800-32NEWHAM

Ask for their "Prospective Ham Package". It will include more detailed information, a list of classes and clubs in your area, and a list of scheduled examinations in your area also.

If you are near a Radio Shack store, go there and ask for a book entitled "Now You're Talking". This book is also available from the ARRL. It contains all the information you need, including study material and sample questions for the examinations for Novice and

Technician licenses.

Good luck, and welcome to the "magical" hobby.

Regards,

Hans, K0HB

This article was posted to Usenet via the Posting Service at Deja News:
http://www.dejanews.com/ [Search, Post, and Read Usenet News!]

5776. crystals identify

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: JAS <jscherer@clandjop.com>
Message-ID: <32715416.A4E@clandjop.com>
Source record: 214062

I recently picked up a bunch of crystals and would like to know what they could have been used for. They are old, because the frequency is listed in kilocycles instead of kilohertz. Some of the frequencies are:

27005 kc
27085 kc
13577 kc
28815 kc
31.425 kc

Does anyone recognize any of these and are they of any use today? I have about 100 of them all around the above frequencies.

JAS

5777. Re: 'Nother Pro-code Luddite

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: Jim Cummings <jcumming@clark.dgim.doc.ca>
Message-ID: <327109CF.3A86@clark.dgim.doc.ca>
Source record: 214063
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Jim Conn wrote:
>
> Carl Stevenson wrote:
> >

> > you admit above that it (Morse
> > testing) does keep out those who don't want to learn the code ...
> > That's clearly a Bad Thing ... (except to you Luddites, who hate
> > to see anyone with progressive ideas get into ham radio ...)
> >
>
> Nope, it's a good thing, Carl. It is a fair and impartial filter, to
> limit the quantity of ham operators to a reasonable number.

This begs the question - what might that number be? One million, two million, or however many amateurs worldwide? Surely Conn is not suggesting that Industry Canada, the FCC, DTI of UK and all the other national amateur service regulatory authorities have agreed to limit the number of amateurs who can operate on the amateur bands?

In so far as Morse code being "fair and impartial" is concerned, I will grant to Conn the arguement that Morse code testing is impartial. The sounds of "didah" represents the letter "A" and only the letter "A". But is that fair? Since the government's responsibility is to ensure that amateurs must conduct their transmissions without interferening with other users of the radio frequency spectrum, it is generally agreed that the knowledge of Morse code is irrelevant to the legitimate concerns of the government with respect to the amateur transmissions.

Returning back to the issue of limiting the number of amateurs on the bands, I had agreed with Conn that Stevenson was in error claiming that the pro-code crowd was discouraging technical progress. (As much I understand Stevenson's premises, I despair of his rhetoric, which is indeed inflamatory, if not overly flamboyant.) None the less, Conn's view that the purpose of Morse code is to limit the number of users on the amateur bands unwittingly gives creedance to Stevenson's view that the pro-code adherents discourage technical progress.

I think we will recall Coffman recounting an occurence of the late 1940's whereby the FCC was petioned to increase the Morse code speed because it was felt that by doing so, this would limit the number of radiotelephone operators. As I recall the posting, I believe that the received wisdom of that time determined that the maximum number of amateurs that could be accomodated was around 15,000. This was so ordered. Yet, the increase in Morse code speed did not limit the number of amateurs, certainly not

worldwide. Indeed, the number of users increased to such an extent that amateurs have had to resort to using techniques whereby they occupy less spectrum in order to communicate. The advent of SSB is probably the best example of the maxim that necessity is the mother of invention. Others developments, such as automatic telegrahic techniques, i.e. Clover, TOR, etc. were developments of the amateur operators due to the disatisfaction of traditional manual telegraphic techniques, Morse code.

The point being is that if, on the one hand, the purpose of Morse code is to limit the quantity of operators on HF (let us be more to the point - Morse code testing being the means to limit the number of radiotelephone operators), then it is obvious that this is an unachievable objective without the required international agreements. While on the other hand, if indeed the program to limit access was successful, it would have discouraged innovation. By limiting the number of operators on the HF, experimentation would have been passively stifled. Since everyone would have been satisfactorily accomodated, amateurs would not have undertaken to try new modes of communications. Therefore, Stevenson's contention that pro-code testing advocates wish to discourage technical innovation has a kernal of truth.

In summation, Conn's view that the purpose of Morse code is to limit the number of users on that amateur bands is demonstrably untrue and wouldn't have that effect even if the FCC (or in my case, Industry Canada) were to attempt to do so. Besides, I doubt if our respective administrations, or any other ones for that matter, give two hoots if the amateur bands are crowded or not.

>
> >
> > It also panders to another view that seems to be widely accepted amongst
> > Luddites ... that "honest work is necessary to prove one's 'worth'" ...
> > this, of course is YOUR work ethic, and it's bogus, too ...
>
> That's a big problem in society today, I believe, there are too many who
> believe just like you, Carl, that an honest work ethic is something to be
> sneered at, just as you sneer at and lie about those who want to maintain
> standards. One may reasonably infer, based on the above sentence, that
> since you dont believe that honest work proves one's worth, you believe
> that either "dishonest work" or "no work" will prove one's worth. Which
> is it? Too many today are just like you, want something for nothing,
> "'cause I *deserve* what others have worked hard to earn, so lower the
> standards to meet me, so I won't have to measure up to the standards."
>

This is true if and only if the standards are relevant to the desired objective. Since the knowledge of Morse code does not meet the limitation objective, in contradiction to Conn's views, then its efficacy as an instrument of government policy to limit the number of users on the amateur bands leaves much to be desired. Moreover, our respective administrations could care less how much effort and individual candidate

devoted into obtaining the requisite knowledge in becoming an amateur. Their interest is solely to ensure that amateurs have the requisite knowledge of operating their amateur stations. Whether it takes an individual one hour or one year to accumulate that knowledge matters little to them. The importance is that they have met that standard and have demonstrated this knowledge by passing the requisite examinations. The question here is to determine the relevance to Morse code testing is relevant in determining if the individual can operate an amateur station bearing in mind that they are potential sources of interference to other users of the radio frequency spectrum. Since Morse code testing does not limit access, nor is it relative to operator competency, to what extent does the "work ethic" justify Morse code testing? To be somewhat facetious, if working hard is a valid measure to determine one's worthiness to be an amateur, aren't there better activities that can be undertaken to determine an individual's worthiness not operate an amateur station?

> > the ONLY
> > criteria for deciding who gets/doesn't get a license should be "Are they
> > technically qualified to assemble and operate an amateur radio station
> > without harming themselves or the public and/or creating interference to
> > other hams or other services?" Period, end of story, nothing more,
> > nothing less ... your work ethic has NO bearing ... it is NOT the
> > government's job to force it on me, Joe Blow, or anyone else ...
> >
>

> *You* said morse has been around since the turn of the century, and is
> still in use today throughout the world by multitudes of people,
> therefore it has stood the test of time, and has not been abandoned. Your
> silly "minimal amount of technical knowledge and common sense" charge
> against all the hams who still use morse code is ridiculous. I wonder how
> some of those higher license class hams who have supported you in your
> quest to drop morse testing, but said they still use and like morse code,
> feel to hear *you* say that morse has been abandoned by *everyone* with a
> *minimal* amount of technical knowledge and common sense? I would be
> offended by your slanderous remark, if I were they.
>

In contradiction to Conn, Morse code has indeed been abandoned by most other users of the radio frequency spectrum, and will have been completely abandoned by 1 Feb 99, the date whereby the maritime mobile service will have abandoned completely the use of Morse code and GMDSS will be the only radiocommunication protocol available for search and rescue.

> > (snip) cockpit voice is used for ATC because it places
> > less of a burden on the attention of the air crew in crowded
> > airspace maneuvering situations than other modes (because voice is a
> > "natural" form of communications, the crew can talk and drive at the
> > same time with less distraction from driving than code or typing
> > messages on a keyboard ...)
> >

>
> Well, bless my soul, you made my case for me. So you admit there are
> circumstances when your vaunted digital modes are not better than older
> modes, like voice. My point is that in like manner there are times when
> CW is a more effective means of communications for a ham than digital
> modes or even voice. Thanks for your help in making that point.
>

No, I do not agree that Stevenson proved Conn's case. The reason that aeronautical mobile does not use digital communications has less to do with advancements and more to do with technological and economic intertia. It boils down to this - pilots are like hams, they're cheap. So far they have not been forced to consider using other more advanced modes of communications because the amount of spectrum allocated to them for air to ground comms has been sufficient. In other words, they have gobs and gobs of spectrum allocation, i.e. 25 kHz channelling using 6 kHz AM radiotelephone. From an economic point of view, there is no need for them to change. (However, many commercial airlines are using digital communications in order to tranmit their needs for fuelling and victualling purposes) This is a good example of the point that without spectrum crowding, i.e. necessity, nobody would consider using more advanced techniques.

> No red herring at all. Spread Spectrum is indeed illegal on HF. The only
> fishy thing around here is your statements, because they contain so many
> falsehoods! I don't oppose any modes - you oppose CW mode, but I don't
> oppose any, on HF or elsewhere, except I oppose illegal ones, like Spread
> Spectrum. If it should be legalized some day, why, I won't oppose the use
> of it. I welcome new technology.
>

But I think it goes without sayin that Conn would not take any steps to allow SS on HF.

> You are so silly, Carl, to think everyone goes to work on a freeway. Some
> folks are ranchers and farmers. In most cases, horseback is still a
> better method of rounding up livestock on a ranch or farm than driving a
> toyota, Carl. Horseback sometimes makes more sense as a mode of
> transportation than an automobile.

But just because indeed there are a few, a very few instances, where horse back riding is more useful than driving a vehicle does not justify a test of one's capability to ride a horse before driving on a feeway.

> > Bullshit! It's a horse in a jet helicopter world ...
>
> Why don't you try riding down a bridle path in the woods in your jet
> helicopter? See if the trees don't damage your rotors. Can't you see
> that the horse still has a use in some situations, even though there are
> other modes available that are useful, but not always as apt for a
> particular purpose?
>

But I presume that it is not necessary to demonstrate one's ability to ride a horse in order to be permitted to pilot a helicopter?

> > OK, now we're getting to reality ... YOU don't want more people on
> > "YOUR" HF bands (they might get too crowded for your antiquated
> > methods), so you want to mantain a "filter" to "keep newcomers out"
> >
>
> There you go again, Carl, trying to put words in my mouth, when you can't
> get any intelligent ones out of your own. I never said they were *MY* HF
> bands. The morse code "filter" only keeps out those "newcomers" who are
> unwilling to put forth the effort to learn morse code. Anybody who is not
> handicapped can learn morse code, just like thousands before them have
> learned it, and been licensed.
>

I beg to differ with Conn on this statement because his original premise was to ensure that the existing users were not unduly inconvenienced. The result is indeed to keep newcomers out. In other words, Stevenson did not put words in Conn's mouth, Conn did it himself. As indicated beforehand, the work ethic arguement is empty also.

> > >Via the morse testing requirement, our government is fulfilling its
> > >responsibility to restrict the numbers of those who have access to the HF
> > >bands.
> >
> > Our government HAS NO SUCH "responsibility" ... what bullshit!
>
> Sure. The FCC has been tasked with responsibility for the spectrum. If it
> doesn't have the responsibility to protect the integrity and viability of
> the spectrum, then it doesn't have any responsibility for it at all.
>

To the contrary, the responsibility of the government regulators is to accomodate the various users of the radio frequency spectrum to the extent that interference is minimized or mitigated. With respect to the amateur service, it has been shown that attempts to limit the number of amateurs in order to minimize intra-amateur service interference would be unnsuccessful and would have other deleterious effects.

> Unlike you, I don't think there is anything wrong with having a "work
> ethic". If the government wants to require people to work to get a ham
> license, then it has every right to do so. Of course, to hear you talk,
> you know more than the government, so they should let you say what the
> requirements are, what legal bandwidths and mode are allowed, etc.
>

I disagree with Conn's contention that the government has every right to make us "work" in order to obtain an amateur licence. The government has the right to ensure that I, or any other individual, must have the requisite knowledge to avoid interference, or mitigate it to the greatest extend possible, before being permitted to operate a station. Instituting artificial barriers, justified as determining the worthiness, is not

acceptable. Since the knowledge of Morse code has nothing to do with the government's legitimate interests of mitigating interference, then the imposition of such testing is unjustified, regardless if it is the tool to ensure that the individual has the "right stuff".

> Well, using your same warped illogic, the written tests discriminate
> against those who think that theory and math are "a waste of time." Morse
> testing has relevance, because it keeps the numbers of HF qualified hams
> to a reasonable number.
>

The written tests would indeed be also unjustified if they were not relevant to determining the individual's capability to operate an amateur station without being aware of the interference potential.

> They must agree with me, since they are the ones who are limiting access
> to HF through morse testing.

That may very well be the effect, but it is doubtful that limiting the number of amateurs on the band through Morse code testing is an objective of the FCC, or any other administration for that matter. More to the point, the only remaining justification for Morse code testing is that it is a supposed treaty requirement. However, the Japanese have demonstrated the tenuousness of these provisions.

> >
> > >don't bother bringing up your "If the bands get crowded, we'll all move
> > >to Spread Spectrum" argument, because Spread Spectrum is illegal on HF.
> >
> > That's why we need to get the antiquated, outdated, ARRL/Luddite amateur
> > radio rules UPDATED, despite your protestations ..
>
> Notice, everyone, he does not deny the fact that Spread Spectrum on HF is
> illegal.
>
> >
> > >Spread Spectrum is not likely to be allowed anytime soon on the HF ham
> > >bands for reasons of national security.
> >
> > In making this statement, your lack of understanding is clearly revealed
> > once again ... Give us a break ... it's being used ROUTINELY in consumer
> > items like cordless phones, computer lans, etc. ... there IS NO
> > legitimate national security reason not to permit it on HF ... NONE ...
>
> Carl, whose ignorance is showing? Don't you know that cordless phones
> don't use HF? Who are you trying to kid! Does your cordless phone use a
> 20 meter yagi? I don't think so. And, yes, there is a very good reason
> for them not allowing it on HF. In a previous post, Jim Reid did is well
> enough already. I am enclosing a copy of his excellent post, below:
>
> Subject: Spread Spectrum on the HF Ham Bands
> From: "Jim Reid" <jreid@aloha.net>

> Date: 1996/10/06
> Message-Id: <01bbb3e0$07e4c520$LocalHost@jim-reid-1>
> Organization: At Home
> Newsgroups: rec.radio.amateur.policy,rec.radio.amateur.misc
>
> Spread Spectrum modulation techniques have been suggested
> as the solution to band crowding. Also the technique is said to
> be an excellent weak signal, dense signal environment
> mode for amateurs.
(snipped for brevity)

>
> We will continue to do the sorts of things HF amateurs have
> enjoyed doing for decades; but with much more sophisticated
> digital techniques of signal processing as some others have
> discussed recently here on the newsgroups.
>
> Just some more thoughts on another rather warm Sunday
> afternoon an hour or so befor the first Great Debate!
>
> 73, Jim, AH6NB
>
> Jim's excellent post requires no commentary from me.
>

No doubt. But if Reid is correct, it would seem that US amateurs have been prevented from using these newer techniques on questionable grounds. I wonder what will happen once amateurs from outside the United States start using spread spectrum on HF? Perhaps the very fabric of US society will collapse? An interesting thought none the less.

> >

> 73,
> Jim - AD4VL

73 and live better digitally
Jim, VE3XJ

5778. Re: Great, Its about time!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: djfinn@ibm.net
Message-ID: <54r9dt$2760$1@news-s01.ca.us.ibm.net>
Source record: 214064
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.policy

sucker <sucker@yankees.net> wrote:

>Bruce Perens AB6YM wrote:
>>
>> Unfortunately, the omnibus budget bill recently signed into law contained
>> a reallocation of our 2305-2310 MHz band, to be sold to the highest bidder.
>> FCC and ARRL were not consulted.
>==========

>Great!

>There are only 660,000 or so hams in the United States. This money
>making spectrum should not be given away to just a few. If the ARRL and
>the hams want the space let them bid on it.

Sure, poncho. Let's put the whole thing up for grabs because the
polititians need to make some one-time-only sales to balance the
budget. You are a true free marketeer. Next we can auction of the
national parks and forests. After your local police and fire
departments "bid" on their pieces of spectrum, they can raise your
taxes to pay for it.

> If the pro CW'ers who are
>bent on code got together they could pay to have a code only spectrum.
>Lets just see how bad the ARRL and hams in general want this specturm.
>Like the old line says, "Money talks, Bull**** walks".

We should bid on all those VHF/UHF frequencies? Line of sight CW? Or
are you saying that the FCC should auction the international HF bands
as well. Every hear of the ITU and international treaties governing
use of those frequencies? Either way, I come up with nothing on this
one. Perhaps a little research would help before writing such inane
comments? To use your enlightened expression, Bull**** walks.

Do you have a callsign or did you just emerge from under your bridge?

73

KR4AJ

5779. Help with the Kenwood MC-53 mic.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: amundson@cts.com
Message-ID: <32715B59.776@cts.com>
Source record: 214065

I use this mic on my 742 and when I program a DTMF tone for the repeater, I can never hear the function complete telemetry because the mic has some kind of delay built in and I was wondering if anyone knew how to disable this delay. Thanks alot.....KC6FUA/RAY

5780. Re: shall we adopt the standard USENET advertising policy?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDzuvqs.9r9@netcom.com>
Source record: 214066

Jim Kehler (pacrimgolf@kuentos.guam.net) wrote:
: brian@nothing (Brian Kantor) wrote:

: >Shall we adopt the standard USENET advertising policy in this group,
: >or should it remain as it is now - no advertising of any kind welcome.

: I think we should do like all the other newsgroups. Let everybody post
: whatever they want to post. If the above is SOP for Usenet, you have
: a few thousand people who post daily that haven't read it yet.

: I think the whole atmosphere would change here if people would start
: doing selective reading, instead of reading everything and complaining
: about having just read something they didn't want to read.

I agree with Jim. The last time this topic came up a lengthy flamewar ensued, and *nothing* was accomplished. We still have a number of hams posting FS/WTB/Trade on this newsgroup.

Suppose we do endore the standard policy...where's the enforcement? No ISP is going to revoke a user's account because he simply posted something off-topic or off-charter.

If you want to place the blame, then blame whomever wanted the swap group to be called rec.radio.swap instead of rec.radio.amateur.swap.

I endorse the selective-reading idea. After all, the FS:/WTB: posts *are* usually quite clearly identified by the subject line.

73 de Jim - KF6CR

5781. Re: Importance of coax length on HF A myth?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: Cecil Moore <Cecil_A_Moore@ccm.ch.intel.com>
Message-ID: <32715628.5221@ccm.ch.intel.com>
Source record: 214067
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Joel Gamble wrote:
> The ONLY time coax length makes a difference is when it is radiating
> rf,thus it becomes an active part of the antenna,instead of the passive
> conduit it is designed to be.

Hi Joel, got to nitpick a tad.

1. 100ft of RG-58 on 440MHz with an SWR of 1:1 and *no feedline radiation*
does make a difference.

2. 100ft of RG-58 on 28MHz with an SWR of 20:1 and *no feedline radiation*
does make a difference.

73, Cecil, W6RCA, OOTC (not speaking for my employer)

5782. FS: C Band Feed Horn and 30 degree LNB Package

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: dwhowell@iamerica.net
Message-ID: <54rm27$qc8@news1.iamerica.net>
Source record: 214068
Cross-posted to: rec.video.satellite.tvro,rec.radio.swap,rec.radio.amateur.misc

For Sale,
Complete electronics package. C band Feed Horn and 30 degree LNB.
Good shape. Get clearier pictures on your system. $75 + Shipping for
the package.

email dwhowell@iamerica.net

5783. to beep or not to beep

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: waterspout@juno.COM
Message-ID: <19961025.165726.7079.2.waterspout@juno.com>
Source record: 214069

Here's a simple solution for anti-coders who want HF privs without learning the code. Go get yourself an 11m rig, no license needed. You can operate there to your heart's content on either AM of SSB with complete assurance that you'll never hear any old farts pounding the brass there. Heck, if you live near a big city you are almost certain to hear all sorts of digitized noises there... At any rate, it will sound more or less exactly the same as the Ham HF bands would if every anti-coder got their wish....

<STATIC BURST>Breaker One Nine, Carl, got your ears on?<MIKE SQUEAL><STATIC BURST>

On the other hand, if you spent half as much time working on your code as you did whining about it you'd be on HF already...

David J Brooks - KC5WNK
waterspout@juno.com
-+- -+-+ +++++ +-- -+ -+- +-+-+

5784. FS: 1/2 INCH HARDLINE CONNECTORS

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: dwhowell@iamerica.net
Message-ID: <54rm34$qc8@news1.iamerica.net>
Source record: 214070
Cross-posted to: rec.radio.swap,rec.radio.amateur.antenna,rec.radio.amateur.misc

For Sale,
1/2 Inch Hardline Connectors, new in the package. Type N connector.
Comes with silicon sealant, gaskets, connector, and instruction sheet.
Can be used on any 1/2 inch hardline to include Andrew. Will also
come with a sheet of DB Products Vapor Seal Sealant. Price is $25
each and I have two left.

Email dwhowell@iamerica.net

5785. 6 Meter Info Wanted

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: John Chubick <jchubick@dave-world.net>
Message-ID: <32717F2D.AB6@dave-world.net>
Source record: 214071

I'm looking for 6 meter operators willing to share what they know about operating on 6 meters. QST's review of the MFJ 9406 6 meter transceiver. I live in Central Illinois and was wondering if I could easily talk to family in Western Iowa? It's roughly 320 miles. Would I need a directional antenna? The MFJ radio is rated at 10 W PEP.

I'd love to hear from experienced 6 meter operators.

5786. Re: Importance of coax length on HF A myth?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: macino@ibm.net
Message-ID: <54rghv$1efg$1@news-s01.ny.us.ibm.net>
Source record: 214072
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

In <326f9582.61057836@news.santafe.edu>, jpotter@jpaw.com (Jim Potter) writes:
>jpoll@redrose.net (James Pollock) wrote:
>
>>Hi.
>>
>> I have a friend who swears up and down that the length of the
>>coaxial cable to maintain resonance at a given frequency is important
>>for reducing the SWR. He feels that it acts in a similar principal to
>>the fact that the elements of an antenna must be cut to the correct
>>length for the antenna to be resonant at a given frequency.
>>
>> It seems to me I have also read somewhere that this is a myth. I
>>need the true scoop on this. I'm preparing to put up a pretty good
>>antenna system on my roof (a homebrew 10 meter antenna cut to exactly
>>the middle of the band), and don't want to purchase an extra 6 ft of
>>Belden 9913 coax only to have it looped up and losing signal, when in
>>reality I could of used 20 feet instead of 26 feet of cable.
>>
>> Please carbon copy any responses to this post to jpoll@redrose.net
>>so I don't miss any good info.
>>
>> Thanks
>>
>> Jim
>>
>The length of coax doesn't change the VSWR, assuming it's all the same
>impedance. However, the impedance at the transmitter output will be a
>function of cable length if the VSWR is not 1:1. Ultimately what
>matters is not the VSWR, but the impedance match to the transmitter.
>All that is required is a conjugate match so that the transmitter sees
>a resistive load of the right resistance at the output device.
>
>There is one way that the coax length affects VSWT. If the attenuation
>is high the VSWR gets better with length. Someone once said a good low
>power load for 144 MHz is 100 ft of RG-58. It doesn't matter too much
>what's on the far end.
>
>de K9GXC, Jim
>
>
>James M. Potter, President TEL: (505) 662-5804
>JP Accelerator Works, Inc. FAX: (505) 662-5210
>2245 47th Street EMAIL: jpotter@jpaw.com

>Los Alamos, NM 87544-1604 URL: http://www.jpaw.com
>

Well,
Let's if I can do this reply. Yes, It's a myth! The only thing that's changing is the APPARENT XL-XC that the METER is seeing. We all know that the Electrical wavelength recurrs at a different distance than the phusical wavelength. The old velocity factor trick affects that (cheaper coax = lower VF). So, the loss is cumulative to the length, the SWR associated with the coax = myth.

If you want to play with the numbers of length, coax type, swr, ant gain, and effective power. Download TEEREV.ZIP from the ARRL BBS, or it's on the latest level of the QRZ CD-ROM.

Jim WD9AHF

P.S. I agree with the guy who said the correct length is what reaches! Just make sure that you look at what it costs. I wrote that TEEREV program to see what the tradeoff was between good coax vs an amplifier. You will be surprised at what the cost of 'cheap' coax is.

5787. Re: Ham Gear for Sale....

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: bbaka@syix.com
Message-ID: <N.102596.111526.22@treasure-d21.syix.com>
Source record: 214073
Cross-posted to: rec.ham-radio,rec.ham-radio.swap,rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.swap,rec.radio.swap

> Reason for selling is that I just got married a few months ago and
> > either the Ham Gear or me go.
> > "Yeah, my wife said she'd leave me if I didn't get off the radio. Over."

Hah, my wife is happy when I'm playing with the radio, or the computer. At least she KNOWS I'm not with another woman, which I might well be in someones case.

Bill

5788. Re: Importance of coax length on HF A myth?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: richardh@iinet.net.au
Message-ID: <54rg26$sjv@opera.iinet.net.au>
Source record: 214074
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

jpoll@redrose.net (James Pollock) wrote:

>Hi.

> I have a friend who swears up and down that the length of the
>coaxial cable to maintain resonance at a given frequency is important
>for reducing the SWR. He feels that it acts in a similar principal to
>the fact that the elements of an antenna must be cut to the correct
>length for the antenna to be resonant at a given frequency.

> It seems to me I have also read somewhere that this is a myth. I
>need the true scoop on this. I'm preparing to put up a pretty good
>antenna system on my roof (a homebrew 10 meter antenna cut to exactly
>the middle of the band), and don't want to purchase an extra 6 ft of
>Belden 9913 coax only to have it looped up and losing signal, when in
>reality I could of used 20 feet instead of 26 feet of cable.

Jim
If the coax is matched (ie the load presents a resistive, 50 Ohm
impedance) then the length of the coax is unimportant, except that it
has loss depending on how good it is and the operating frequency. If
the load is not matched properly then there will be different
impedances at different points aliong the coax and you will get a
different SWR with a 50 ohm source, depending on where you feed the
coax. So your friend is correct if the load is not m,atched
accurately.

Richard Hosking

VK6BRO
richardh@iinet.net.au
http://www.iinet.net.au/~richardh

5789. Re: ���� ����� ��� �� ����...�� ��������...OK !!! ����

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: ev-michael@nrm.se
Message-ID: <3279ce88.27698243@news.kth.se>
Source record: 214075
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.snowmobiles,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketplace.vinyl,rec.music.makers.guitar.acoustic,rec.music.dylan,rec.music.artists.kiss,rec.motorcycles.dirt,rec.models.rockets,rec.games.video.classic,rec.games.video.advocacy,rec.games.roguelike.nethack,rec.games.frp.misc,rec.crafts.textiles.quilting,rec.crafts.metalworking,rec.collecting.dolls,rec.collecting.coins,rec.boats.paddle,rec.boats,rec.bicycles.racing,rec.bicycles.misc,rec.autos.makers.honda,rec.arts.sf.movies,rec.arts.movies.past-films,rec.arts.marching.drumcorps,rec.arts.bodyart,rec.aquaria.marine.reefs,rec.antiques.radio+phono

Replying to darious@nmia.com (Allan Seyberth)

: However, someone really slimy created a program that allows businesses and
: people to spam the entire newsgroup heirarchy with a message that comes from
: an anonymous source.

Yup. Usually that's not what the spammer does, though. Read on.

: In that case, the best thing is to make a hardcopy of the full post and send
: it to your local US Postmaster (snail mail type). No matter the hook, this
: type of scheme eventually involves the post office and is completly illegal.
:
: And these idiots are nice enough to put thier physical addresses down.
:
: I've heard that the postoffice actually has an internet address that you can
: forward these messages too, but I do not know what it is (if such exists).

This might help. I snatched this from rec.aquaria some time ago, but
the addresses still seem to work:

------------ start of reposted material ---------------

Anti - Spam info (reclaim your NG)
From dd <cipher@nf-vb.mindspring.com>
Organization MindSpring Enterprises
Date 19 Jul 1996 23:09:38 GMT

SPAM STOPPING INFO by "dd the anti-spammer"

I have seen a return mail percentage from ISPs of about
40% using the methods below. Some say they are issuing
warnings, some will tell you the spammers account has
been canceled. Resist the urge to post anything to their
thread, they never read their spam, they just mass post
looking for suckers. Attaching articles just wastes
bandwidth, and clutters up YOUR newsgroup!!

The best way to stop spammers is to contact their ISP
and ask politely if they would please stop the spammer.

Vulgar language may get YOU reported!! If the spammer
has posted a real e-mail address, I write them and cc their
ISP using this form :
postmaster@ISP.com

Some spammers will try to hide their ISP from you,
generally you can determine who they use from the
last part of the path in the header.

Also, if it is a "Quick Cash" spam, these are illegal,
refer them to:

http://www.usps.gov/websites/depart/inspect/chainlet.htm

and send a copy to :
customer@email.usps.gov

This is their fraud division.

send any copy of any 'stock offer' etc to :
enforcement@sec.gov

other folks you can notify include :
abuse@netcom.com (for mail abuse)

For AOL spammers: (It will probably be returned due
to full mailbox, you know those AOL newbies must
have Case pulling his hair out, when he's not selling
off his stock!)
abuse@aol.com

For Compuserve spammers:
ecgintern@csi.compuserve.com
------------ end of reposted material ---------------

: Allan Seyberth // Lion Clan Prophet

MVH: Mike Noreen |"Cold as the northern winds
Net: ev-michael@nrm.se | in December mornings,
| Cold is the cry that rings
| from this far distant shore."

Proud to have been dubbed 'Incorrigible', 'idiot',
and 'IQ below 50' by that most "complex" of Black
Knights - Peter Nyikos!

5790. Re: Standard C5900DA Reviews.....

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: Alan Johnson <johnsoad@maritz.com>
Message-ID: <32710463.6FE5@maritz.com>
Source record: 214076
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc

> Anyone have any experience operating
> the C5900DA and if so, what are the pros and cons of this rig???
>

I own a C5900DA and like what I see. I also have two Kenwood TM742's with 6 meter modules and feel the C5900DA
measures up very well. The receiver on the C5900DA is not quit as hot as the 742. However most people would
not detect the differance. The Standard can only monitor two frequencies at a time, unless you are in the scan
mode. The Standard has a built in triplexer. THe scan modes on the C5900DA are the most flexible I have seen.
The out of band receive is questionable. I have tried to listen to local 220 repeaters and can hear any of
them. The only 220 signal I have heard is from my TM331 setting next to the C5900DA. The PTT button on the
mic takes a little getting use to. The cross band repeat is a little strange. You can cross from 2 to 70cm
and from 6 to 70cm but not 2 to 6. Both bands use the same vco and keeps this from working.

The BIG question....would I buy another one? Yes, I think I would. By the way my TM742's are being used as
my 6 meter repeater (53.35 -1), serving St. Louis.

73

Alan
K9CTF

5791. Re: Importance of coax length on HF A myth?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: Cecil Moore <Cecil_A_Moore@ccm.ch.intel.com>
Message-ID: <3270F92A.181D@ccm.ch.intel.com>
Source record: 214077
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Steve Bramham wrote:
> I know what works and it works in 99% of the cases involved.....

Hey Steve, be fair - tell us about that other 1%.

73, Cecil, W6RCA, OOTC (not speaking for my employer)

5792. Re: ���� ����� ��� �� ����...�� ��������...OK !!! ����

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: rchason@smart.net.NO.SPAM.PLEASE
Message-ID: <54reaa$3nu@tofu.alt.net>
Source record: 214078
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.snowmobiles,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketplace.vinyl,rec.music.makers.guitar.acoustic,rec.music.dylan,rec.music.artists.kiss,rec.motorcycles.dirt,rec.models.rockets,rec.games.video.classic,rec.games.video.advocacy,rec.games.roguelike.nethack,rec.games.frp.misc,rec.crafts.textiles.quilting,rec.crafts.metalworking,rec.collecting.dolls,rec.collecting.coins,rec.boats.paddle,rec.boats,rec.bicycles.racing,rec.bicycles.misc,rec.autos.makers.honda,rec.arts.sf.movies,rec.arts.movies.past-films,rec.arts.marching.drumcorps,rec.arts.bodyart,rec.aquaria.marine.reefs,rec.antiques.radio+phono

dwwest1@ix.netcom.com (Donald West) wrote:

>While they can certainly cover their true email address I don't
>believe they can cover their ISP address in the "Message ID" line of
>the header. So a full copy of the offensive post (header and all) sent
>to the "postmaster" or "root" at that address often gets action.

You should also check the end of the Path header and the NNTP-Posting-Host
header if one is present. Some ISPs will let you specify your own message ID,
but the Path and NNTP-Posting-Host headers will show the true origin of the
message.

+---------------- L e e J a c k s o n B e a u r e g a r d ----+-----------+
Opinions expressed here are mine and not those of SmartNet or	Delenda
Altopia. And if you don't agree with them, you are racist,	est
sexist, elitist, imperialist, Baptist, and possibly even right.	Windoze
+--------------------- r c h a s o n @ s m a r t . n e t ---------+-----------+

5793. Re: Trade for code requirement?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: carl@ais.net
Message-ID: <54quge$e8r@news.ais.net>
Source record: 214079

In <54pnv9$aej@news-e2b.gnn.com>, Michael Herron <GHURRICANE@gnn.com> writes:
>Since we will all be using digital modes in the future according to
>the "Anti-Code" prophets and will likely be keyboarding alot, how
>about we drop the code requirement for a typing requirement
>starting at 30 wpm up to 60 wpm for higher classes of licenses???
>Sounds as good as the other ideas presented around here!!
>

Why must some of you people insist on some manual-dexterity
"requirement" that's clearly irrelevant to one's knowledge of radio and
electronics?

This is NOT a competitive sport where one's physical coordination =
machismo = "better" ... it is a technical endeavour where one's
intellectual prowess and knowledge and the bettering thereof are
supposed to be the goals.

Why must some of you insist on trying to turn it into some sort of a
physical coordination/agility/ability contest?

If you want to demonstrate physical abilities, go play sports with the
rest of the jocks ... and leave us radio geeks alone ... <grin>

Carl - wa6vse
carl@ais.net

5794. Re: 'Nother Pro-code Luddite

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: Monty Wilson <nospam@see.signature.part>
Message-ID: <DzunnH.F6C@twisto.eng.hou.compaq.com>
Source record: 214080
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

carl@ais.net (Carl Stevenson) wrote:
>...Now to compare CW to digital, that's apples/apples and digital will kick
>ass on CW all day long ...

That depends on what you're trying to do. In many areas, computer equipment
is not available; in fact, some areas don't even have power systems that are
stable enough to operate computers reliably. And when I'm driving in my car
I'm lots safer behind the wheel with one hand on a set of paddles or a J-37
than I would be trying to type on a keyboard and look at a computer screen.

Different modes for different applications. Besides, if you're into DX at
all, you know that you "go where the DX is." That means if he's on AMTOR,
you work AMTOR. If he's CW, you call him in CW. Etc.

>You could also talk the cockpit voice, which is no analog AM

Actually it is.

--
.........Monty.
mwilson @ flex.net (with spaces deleted)

5795. NEEDED: Cushman CE5 Communications Monitor Plugins, Manuals, Extender Card, Info

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: mikey@cts.com
Message-ID: <54piic$9ie@bogus.cts.com>
Source record: 214081
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap,rec.ham-radio.swap,rec.ham-radio

I just purchased a working Cushman CE5 Monitor. The deviation scope and 450 plug works well but 25 meg and 150 meg plugins are not doing well. Also the A17 PPL board is hosed. I need some help in resurrectiong this vintage piece of FM test gear.

If anyone can point me toward any commercial outfits that might still support this monitor or better might have parts, manuals, and/or plugins, I'd be most greatful.

Followup directed to: rec.radio.amateur.equipment but email CC would be appreciated.

--
| Mike Shirley, mikey@cts.com, WB6WUI, San Diego, CA USA |
| http://www.users.cts.com/crash/m/mikey |
`--'

5796. The Global DXCluster via Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: vmi@vmi.it
Message-ID: <54qqoh$omv@qualcuno.nettuno.it>
Source record: 214082
Cross-posted to: rec.radio.amateur.dx,rec.radio.amateur.misc

Hi & TNX for reading this message.
I just want to inform you that the 5.1 version of DXHUNTER is
available on the Internet.
The URL is:
http://www.funet.fi/pub/ham/hf-work/
file name: dxh51eng.zip, size 1.1 M

This new version allows you to automatically connect to
world wide dxclusters via radio and TCP/IP gateways.
If the connection drops it's rebuilt automatically!
My connection to NO4J passes through 10 nodes and
works perfectly.
Autologin, autopassword autotelnet features are implemented.
Just read the file TCP&TIPS.TXT in \DOC for details.
An antitimeout feature allows you to stay connected even
if idle, for hours.
For further details find me at my home radio BBS:

IK4VYX@I4UJB.IEMR.ITA.EU
E-mail vmi@vmi.it

My name is Fabrizio.

I'm often connected at NO4J cluster, if you wanna chat with me.
73 de Fab
IK4VYX

5797. Vanity calls: FCC says any day now.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: Sam Afano <sam@alfano.com>
Message-ID: <32710D50.11C1@alfano.com>
Source record: 214083
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

I just copied this from the ARRL website today, 10/25/96 at 1:54 p.m.
Central time.
It's located at:

http://www.arrl.org/arrlletter/961025/#vanity

Sam
AD5C

****

GATE 2 VANITY CALL SIGN GRANTS: ANY DAY NOW!

The FCC is holding to its schedule that first-day vanity call sign Gate
2 applications could be processed as early as today. As
of October 11, the FCC had received more than 6400 applications in
response to Gate 2, which opened just over a month
ago. Personnel in the FCC's Gettysburg, Pennsylvania, office have been
entering application information and lists of requested
call signs since then. Slightly more than 4500 applications were filed
on opening day, and the FCC has said it will consider all
day-one applications as a group and grant licenses in random order.

If the FCC is unable to grant a requested call sign, it will dismiss the
application and notify the applicant by mail. Applicants
may reapply, but hams whose applications are dismissed must request a
refund of the $30 processing fee in writing and
under separate cover.
****

5798. Re: Cotest This Weekend ???

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: KJ4WH <grpowell@gate.net>
Message-ID: <32712C05.7197@gate.net>
Source record: 214084

johnmans@enter.net wrote:
>
> I understand there is some kind of HF contest this weekend? Could someone post the highlights? I just set up my station again
> after being out of touch for several years.

Hi John,
Yep, your right. This weekend is the grandaddy of dx contests.
The CQ Magazine World Wide DX Contest (SSB portion) is from 0000z Sat (8pm edt) to 2400 Sunday (7pm EST). The rules are a bit much to try and explain here. Check out http://www.affcom.com/cqcontest/ for info.

Gary Powell KJ4WH
Lakeland, Fl.

5799. re: code or no code...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: markl@dove.net.au
Message-ID: <846225913mnewsmarkl@dove.net.au>
Source record: 214085

>
>
>
> J>You might want to look at the statistics showing how the hams are
> >getting older and older and there are not nearly enough young ones to
> >enter the hobby. In Finland, the average ham age in the last 4 years has
> >increased by 3 years. That means pretty clearly that young men and
> >women are not entering the hobby. Guess what happens when the large
> >post-war generations get old within the next 15 to 20 years or so.
>
> As hams get older, the average intelligence gets higher. The reverse is
> also true.

The ham population cannot just continue to get older. A population which is ageing at basically the same rate as the passage of time will eventually die out, because we all die. So will amateur radio unless the average age of the amateurs stabilises.

As to whether age brings intelligence, that seems questionable after reading some of the things that get posted ;-)

> ---
> OLX 1.53 ...73 DE: NK2U@CYBERNET.MAGSYSTEMS.COM

Mark.

5800. Re: Drum Clinic in Bethlehem, Pa.10/29

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: doboec@ix.netcom.com
Message-ID: <54ppmm$4ae@sjx-ixn6.ix.netcom.com>
Source record: 214086
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.snowmobiles,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketplace.vinyl,rec.music.makers.guitar.acoustic,rec.music.dylan,rec.music.artists.kiss,rec.motorcycles.dirt,rec.models.rockets,rec.games.video.classic,rec.games.video.advocacy,rec.games.roguelike.nethack,rec.games.frp.misc,rec.crafts.textiles.quilting,rec.crafts.metalworking,rec.collecting.dolls,rec.collecting.coins,rec.boats.paddle,rec.boats,rec.bicycles.racing,rec.bicycles.misc,rec.autos.makers.honda,rec.arts.sf.movies,rec.arts.movies.past-films,rec.arts.marching.drumcorps,rec.arts.bodyart,rec.aquaria.marine.reefs,rec.antiques.radio+phono

This coming Tuesday, October 29th, The California Drum Shop in Bethlehem, Pa., will hold a Drum Clinic featuring the Hip Pickles. Show time is 7pm and there will be plenty of door prizes and a finale featuing a Hip Pickle patented 'community jam'. Hip Pickles are a percussion trio that are 6x DCA drum ensemble Champions and perform in many different styles including Corps, funk, afro-cuban, Samba etc... and sometimes with pre-recorded sequences. Featuring Chet Doboe, Chris Scherer and Zeusman, the Hip Pickles will be performing material from their new cd,"Out of the Jar", and demonstrating and discussing concepts to improve chops, timing, how to get the most out of practice time and musicianship.

For more information Call California Drum Shop at 610 866-5418. If your in the area come on out and say hi!

5801. Re: CQ CQ SKED EME (25 and 26 october)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: ahmed <75337.3071@CompuServe.COM>
Message-ID: <54pp3g$qg2$1@mhafc.production.compuserve.com>
Source record: 214087

Is it the same team who work from cn last year?
best regards cn8gi

--
cn8gi@mtds.com

5802. Wanted Disc Seal Triode

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: appld@sk.sympatico.ca
Message-ID: <54oeul$s1q@mongol.sasknet.sk.ca>
Source record: 214128

I am looking for a replacement oscillater tube for my Marcon TF 1066B
generator. The tube is listed as a Mullard TD 03-10, British Service
equivalent is a CV273, and the US equivalent is a 5861. can anyone
help me??

Thanks
Doug Appleton VE5DA
1715 Boyd Street
Regina, Sask.,
Canada. S4V 1S5

email: appld@sk.sympatico.ca

5803. Cotest This Weekend ???

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: johnmans@enter.net
Message-ID: <54p72q$t7j@news.enter.net>
Source record: 214129

I understand there is some kind of HF contest this weekend? Could someone post the highlights? I just set up my station again
after being out of touch for several years.

Tnx in advance.

KB3PC

johnmans@enter.net
****
John E. Mansfield Only you can make
1032 Montgomery Avenue it a great day!
Pennsburg, PA 18073
Semper Fidelis
KB3PC

To err is human,
to forgive is divine,
neither of which is USMC policy!

5804. Kenwood: Good service!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: eplatt@wco.com
Message-ID: <32703a3e.9835083@news.wco.com>
Source record: 214130
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I bought a Kenwood TH-79A(D) about a year ago, had it modified, and during the modification, the 'tech' (I won't flame him in public, but if anyone in the bay area wants to know who NOT to go to, reply via e-mail. His attitude after Kenwood stated the radio was fried due to the 'tech' doin the mod broke two traces was "You have me do a mod, you roll the dice. you gamble.:) Any way, Kenwood sent the radio back saying "Needs new control board." I called them back and asked how much it would cost. $175 for the board + $100 an hour labor, maybe 2-3 hours." So, $375-$475 for a $390 radio?? "Umm.. (pause) Yes.' So I asked about getting JUST the board. No. We have to do it. So I called the other service center, and they gave me a # for a parts center in California who could get the part, but needed a part #. So I called back the svc center, and asked for the part #. "We'd need to research it, and that would take time.. Check with the parts center." We went in circles for a few minutes, her saying we don't have time to research it, yata yata. And finally she put her manager on. Nice guy, he promptly gave me the part #. I then told him how my REAL tech (a friend of myne) thinks the part needs to be 'machined' in, not easily put in by hand. He said "No, it can be put in by hand, but if your friend's never done it before, it might be risky. I see here your radio is brand new.. Don't risk it, send it in, and we'll install it no charge, just for the cost of the board."

Now THAT is SERVICE. Long live Kenwood!

5805. How to e-mail from Africa

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: nobody@nowhere
Message-ID: <a187cc$152c0.388@news.k-net.net>
Source record: 214131

Hello!

A friend of mine who is traveling/working in Africa has requested my assistance. He has a Kenwood TS-50 radio and is trying to find a way to communicate with home - Seattle WA. He would like to be able to send E-mail from Zambia via the HF radio if possible. Is there any - fairly easy - way to accomplish this? He is not yet an expert in HAM radio. What kinf of equipment would be necessary? Could the TS-50 be used to accomplish this? Any comments or suggestions much appreciated!

John

feher@andrews.edu
KE6JWU
Glendale, CA USA

5806. FCC Draft OET Bulletin #65

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: art16@ix.netcom.com
Message-ID: <54pdpu$g8q@sjx-ixn9.ix.netcom.com>
Source record: 214132
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

I have reviewed a draft of FCC OET Bulletin #65 which is supposed to provide guidance to implement the recent R&O FCC RF Radiation Safety Standard.

There is real trouble for Radio Amateurs, and many other people.

Visit my home page at:

http://www.netcom.com/~art16

and check out my review.

Arthur Varanelli

5807. 420-450 mhz low noise Preamps 4-Sale.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: willy_poker@home.com
Message-ID: <54phk8$lru@herald.concentric.net>
Source record: 214133

http://www.concentric.net/~n9mkc/lna.shtml

5808. Re: Importance of coax length on HF A myth?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: jpotter@jpaw.com
Message-ID: <32701a16.95003026@news.santafe.edu>
Source record: 214134
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>So you can see, there is some truth to the myth that coax length
>can alter SWR, but it isn't quite the way many amateurs picture
>it. The reason it can happen is because the coax has become an
>unintended part of the antenna due to a failure to properly deal
>with the unbalanced to balanced connection at the antenna feedpoint
>with a balun.
>
>Gary

Good point, Gary. I hadn't thought of that, but it makes a lot of
sense. Most of the systems I deal with have a resonant cavity load fed
with rigid coax where there is no chance of any rf currents on the
outside. (A good thing too, at 250 kW peak and 425 MHz.)

de K9GXC, Jim

James M. Potter, President TEL: (505) 662-5804
JP Accelerator Works, Inc. FAX: (505) 662-5210
2245 47th Street EMAIL: jpotter@jpaw.com
Los Alamos, NM 87544-1604 URL: http://www.jpaw.com

5809. Re: Ham Gear for Sale....

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: bobropes@smokey.prismnet.com
Message-ID: <54pg7o$t9b@ferengi.prismnet.com>
Source record: 214135
Cross-posted to: rec.ham-radio,rec.ham-radio.swap,rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.swap,rec.radio.swap

Howard,

I'm sorry. Did you say getting your wife to be a ham was the easy way
out???? I'm still trying to get mine to open the book.

Bob J.

hwatson@erinet.com (Howard Watson) wrote:

>mjnoble@lucent.com wrote:

>>In article <mwhite-1710961335190001@m14494-mac.mitre.org>, mwhite@mitre.org (Michael
White) writes:
>>|> > Reason for selling is that I just got married a few months ago and
>>|> > either the Ham Gear or me go.
>>|>
>>|>
>>|> "Yeah, my wife said she'd leave me if I didn't get off the radio. Over."

>I lucked out. I did it the easy way, just got the wife to become a
>ham also! :>

>Howard

5810. Re: Importance of coax length on HF A myth?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: orion@capital.net
Message-ID: <32704b78.52206771@news.capital.net>
Source record: 214136
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>(partly deleted)
>When you use such a balun, or if you are feeding an inherently
>unbalanced antenna such as a groundplane mounted vertical, then
>the coax doesn't become part of the antenna, so it can't change
>the load impedance presented to the coax, and thus can't change
>SWR. Any length coax can now be used without affecting SWR, or
>antenna radiation pattern.
>
>So you can see, there is some truth to the myth that coax length
>can alter SWR, but it isn't quite the way many amateurs picture
>it. The reason it can happen is because the coax has become an
>unintended part of the antenna due to a failure to properly deal
>with the unbalanced to balanced connection at the antenna feedpoint
>with a balun.
>
>Gary
>--
>Gary Coffman KE4ZV | You make it, | Due to provider problems
>Destructive Testing Systems | we break it. | with previous uucp addresses
>534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
>Lawrenceville, GA 30244 | |

Thanks for this explanation, Gary. I have always been confused on this
coax length thing. Your explanation is quite easily understood.
73,
Butch N2YMJ

5811. Re: Vanity Callsign Update

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: mc@shore.net
Message-ID: <54q76g$bqo@northshore.shore.net>
Source record: 214137

In article <54pjrj$9l2@news-e2b.gnn.com>,
Michael Herron <GHURRICANE@gnn.com> wrote:
>By the end of what week?? See, another loophole! I loved the last
>word on it from the "spokesman" who HAZARDS a GUESS that IF ALL GOES
>WELL they SHOULD..... Hey! Talk about a born politician who will
>tell you exactly what you want to hear and actually say nothing at
>all!! Any comments? Its more fun than the code no code (Carl no
>Carl) waste of time stuff around here at least!!
>

You know gang, it really boils down to the simple fact that no one knows
nothing! (How's that for double negatives?) Just wait and hang out and
one day soon it'll happen.

73,

Michael Crestohl, KH6KD/W1 (soon W1??)
mc@shore.net

5812. Los Angeles - Active\Popular Repeaters

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: qwerty@earthlink.net
Message-ID: <3270A187.7C2D@earthlink.net>
Source record: 214138

Does anyone have a list of the more active repeaters in the Los Angeles basin? Although I have a book listing all of repeaters for this area, I am interested in knowing which of them are the most heavily used. When I have the time to do my own scanning, its usually late at night or very early in the morning; when otherwise active machines are dead. I'm not a ham (yet) and really don't know what the popular systems are without scanning, and with my time restrictions, its sort of hard to find the goodies. ;)

Thanks,
-Brian

5813. Re: Manual for TS 700 A

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-2510960057430001@host04.cyberg8t.com>
Source record: 214139

Yes, I carry the TS-700A operators manual and service manual, along with over 3000 other manuals at http://www.sarrio.com The TS-700A operators manual runs $16 + $3 for shipping. Come on over and check out the entire site there is a ton of ham stuff there. 73's Ray

In article <54lqr3$27f@mtinsc01-mgt.ops.worldnet.att.net>, RStamper@worldnet.att.net (Robert Stamper) wrote:

> A recent hamfest provided me with a TS 700 A but no manual.I would like an
> original or a copy.Any help is verry much appreciated.Will reimburse for
> copying and mailing.
>
> Verry 73 Bob N4KTS

--
The Raymond Sarrio Co. a full feature Ham Radio Storefront and web site developer. Located at http://www.sarrio.com.

In association with Brillar Enterprises http://win-win.com/brillar provider of discount CD-Roms!

5814. Re: Importance of coax length on HF A myth?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: Maude Schyffert <maude.schyffert@mailbox.swipnet.se>
Message-ID: <3270E706.6ED6@mailbox.swipnet.se>
Source record: 214140
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

> In general, the correct length of coax for an HF antenna is the
> distance it takes to get from the transmitter to the antenna. Don't
> worry about length.
>
> Dick Hughes - W6CCD

That is a damn good answer and works in 99.99%, the rest is fiction.

42 years of hamming SM0BKZ

5815. VE Lindenhurst, LI on Oct 27, 1996

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: Tom Carrubba <tomcar@li.net>
Message-ID: <01bbc280$74f77f00$d24aadc7@tomcar.li.net>
Source record: 214141

VE Lindenhurst,LI Oct 27,1996

The Great South Bay ARC hosts ARRL amateur radio exams every 4th
Sunday at 12 noon. Please note the change for this month.

The location will be at:

The GSBARC HAMFEST
Knights of Columbus Hall
400 South Broadway
Lindenhurst, NY

Directions:

Southern State Parkway -Exit 35 (WELLWOOD AVE.) SOUTH, crossover
NY 27 (SUNRISE HWY). Continue SOUTH to south side of RAILROAD,
make RIGHT onto HOFFMAN AVE. Continue WEST 3 blocks to SOUTH
BROADWAY, turn LEFT. Go past traffic light 2 BLOCKS.
Knights of Columbus Hall is the LEFT SIDE of street.

Sunrise Highway (NY 27) -to WELLWOOD AVE. Go SOUTH, follow directions
as above.

Montauk Hwy (Merrick Rd.) - Direct to SOUTH BROADWAY, 3 blocks WEST
of WELLWOOD AVE.

Exams are given from Novice to Extra class.
All exams are ARRL/VEC, CW exams are multiple choice w/ full headphones.

Talk in : 146.685/r 136.5pl

Please bring the following:
- Photocopy and original of current Amateur Radio License if licensed.
- Photocopy and original of CSCE(s) that are current.
- two forms of ID, at least one photo ID.
- pens or pencils.
- Calculator for math problems on exams, no pocket computers are allowed.
- 1996 Exam fee is $6.05, please bring exact change.
* Novice exams (elements 1A & 2) are free.

For addition information you may contact:

Tom Carrubba KA2DFO (516) 422-9684 or 422-9594
Walter Wenzel KA2RGI (516) 957-0218

Visit the GSBARC homepage! http://www.li.net/~tomcar/gsbarc.htm

5816. Any 2 meter beacons in So Cal?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: erico@kaiwan.com
Message-ID: <54qjgn$okl@kaiwan.kaiwan.com>
Source record: 214142

Hi. How come there are no two meter beacons in Southern California. I want to test antennas and receivers, but have no standard to compare against. Make my own?

Comments or questions would be helpfull.

Eric erico@kaiwan.com

5817. HAMFEST, Lindenhurst, LI OCT 27

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: Tom Carrubba <tomcar@li.net>
Message-ID: <01bbc280$e9d874a0$d24aadc7@tomcar.li.net>
Source record: 214143

GSBARC HAMFEST Oct 27,1996

Sunday Oct 27,1996 9am-4pm

Great South Bay Amateur Radio Club
HAMFEST / COMPUTER SHOW

AT

The Knights of Columbus Hall
400 South Broadway
Lindenhurst, NY

General admission: $5.00

ARRL APPROVED HAMFEST

All In-Doors. Eighty (85!) tables. Featured items will be:

Computers and accessories, Software.
Books - Technical manuals
Radio equipment, Electronic components,
ARRL Information, Forums, VE Exams(12 Noon),
Flea Market.

Vendor information:
Tables (2.5' X 8') $15.00 advanced payment, $20.00 at the hamfest door.
Each space admits one person. Additional personal $5.00. No tables
reserved unless prepaid. Limited electricity available. .
Doors open for sellers at 7:30am.

Food service provided during Hamfest by members of the Knight of
Columbus Council.

Directions:

Southern State Parkway -Exit 35 (WELLWOOD AVE.) SOUTH, crossover
NY 27 (SUNRISE HWY). Continue SOUTH to south side of RAILROAD,
make RIGHT onto HOFFMAN AVE. Continue WEST 3 blocks to SOUTH
BROADWAY, turn LEFT. Go past traffic light 2 BLOCKS.
Knights of Columbus Hall is the LEFT SIDE of street.

Sunrise Highway (NY 27) -to WELLWOOD AVE. Go SOUTH, follow directions
as above.

Montauk Hwy (Merrick Rd.) - Direct to SOUTH BROADWAY, 3 blocks WEST
of WELLWOOD AVE.

Talk in on WB2FKZ/R 146.685 (PL 4Z - 136.5 Hz) and 223.86 (Open Carrier)

Additional info: Telephone evenings only! (7pm-10pm):
Walt Wenzel, KA2RGI (516) 957-0218
Lou Meister, N2YBX (516) 842-9159

Visit GSBARC ONLINE - http://www.li.net/~tomcar/gsbarc.htm

73
Tom Carrubba KA2DFO
President, GSBARC

5818. Re: Wanted Used (but working) T1 Channel Banks

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: William W Janssen <billj@calweb.com>
Message-ID: <54qjcq$7ok@news.calweb.com>
Source record: 214144

barnaby@world.std.com (Richard Barnaby) wrote:
>I'm in the Market for some T1 Channel Banks. I really don't know a
>lot about them, but, based on my limited understanding, how tough
>could it be to multiplex 24 signals onto a composite channel?
>

FYI The channel bank takes 24 voice circuits and converts them to
digital and multiplexs them on to a 1.544 digital line. Much of
the hardware is the conversion of analog to digital.

Also the equipment will run on -48 volts.

I would think that it would be easier to build a multiplexer
for digital data from scratch.

Bill K7NOM

5819. Addendum: Solar Report

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: "Lindquist, Rick, KX4V" <elindquist@arrl.org>
Message-ID: <54qi51$lpg@mgate.arrl.org>
Source record: 214145
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

Just received: Solar report from Tad Cook, KT7H:

GEOMAGNETIC ACTIVITY UP

Solar observer Tad Cook, KT7H, in Seattle, Washington, reports that solar activity remained low last week, but there was more geomagnetic activity. Conditions have been disturbed over the past few days, and the average A Index was about double this week compared to the week previous.

Disturbed conditions are expected to fade through the weekend (CQ World Wide DX SSB Contest begins at 0000 UTC on October 26), and then become upset again around November 9 and again around November 15. Solar flux is expected to stay about the same.

Sunspot numbers for October 17 through 23 were 0, 0, 0, 0, 11, 0 and 0, respectively, with a mean of 1.6. The 10.7-cm flux was 68.5, 69.6, 71, 71.3, 69.7, 69.8 and 67.8, respectively, with a mean of 69.7. The planetary A indices for the same period were 6, 21, 31, 15, 7, 28, and 35, respectively, with a mean of 20.4.

5820. ARRL Letter Electronic Update 10/25/96

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: "Lindquist, Rick, KX4V" <elindquist@arrl.org>
Message-ID: <54qejo$k5d@mgate.arrl.org>
Source record: 214146
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

The ARRL Letter
Electronic Update
October 25, 1996

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* Editorial: Rick Lindquist, KX4V (rlindquist@arrl.org)
* Circulation/Address changes: Kathy Capodicasa, N1GZO
(kcapodicasa@arrl.org)

IN THIS UPDATE:

* Gate 2 Vanity Call Sign Grants: Any Day Now!
* FCC Stops Renewal Reminders
* ARRL Board in Session
* ARRL Letter Circulation
* Marconi Museum to Open in New Hampshire
* Boys & Girls Clubs to Embrace Ham Radio
* John "Bob" Vota, WB1FDY, SK
* In Brief: More astronaut hams; KE6HCI honored;
New FCC Web searcher; More Alexanderson info;
Welcome aboard!; No cat

GATE 2 VANITY CALL SIGN GRANTS: ANY DAY NOW!

The FCC is holding to its schedule that first-day vanity call sign Gate 2 applications could be processed as early as today. As of October 11, the FCC had received more than 6400 applications in response to Gate 2, which opened just over a month ago. Personnel in the FCC's Gettysburg, Pennsylvania, office have been entering application information and lists of requested call signs since then. Slightly more than 4500 applications were filed on opening day, and the FCC has said it will consider all day-one applications as a group and grant licenses in random order.

If the FCC is unable to grant a requested call sign, it will dismiss the application and notify the applicant by mail. Applicants may reapply, but hams whose applications are dismissed must request a refund of the $30 processing fee in writing and under separate cover.

FCC STOPS RENEWAL REMINDERS

As of October 22, the FCC has ceased issuing Form 610R license expiration notices--reminders to hams that their tickets are going to expire within the next 90 days and that they must request renewal. The last notices sent by

FCC covered into February 1997, although the specific date was not available. A Form 610R for renewal must be returned by mail only to the FCC. An FCC Public Notice is expected within a few days.

The demise of the Form 610R means that hams--whose licenses are issued for ten-year periods--must take the initiative to remember the renewal date of their tickets and file a Form 610. An FCC spokesman in Gettysburg says the Commission hopes to have a Form 610 available soon on the World Wide Web to permit on-line renewals.

ARRL BOARD IN SESSION

The ARRL Board of Directors is meeting in Windsor Locks, Connecticut, through tomorrow (October 26). The board will consider issues dealing with the budget for 1997.

The board also will hear reports and recommendations from the three standing committees--membership services, volunteer resources and administration and finance.

THE ARRL LETTER ELECTRONIC CIRCULATION

A reminder to subscribers who get The ARRL Letter electronically directly from HQ: If your e-mail address changes or if you wish to be removed from the distribution list, please send an e-mail message request to Kathy Capodicasa, N1GZO, at ARRL HQ. Include your name, call sign and e-mail address (old and new if changing address) in the body of the message.

Some subscribers get The ARRL Letter electronically via Netcom Internet services (sponsored by Mike Ardai, N1IST, and the Boston Amateur Radio Club). The Netcom automated listserver (listserv@netcom.com) redistributes the Letter (and several other ARRL lists) with the League's permission, but it is neither managed nor administered by HQ, and we do not handle subscribe or unsubscribe requests or complaints regarding this circulation route. To sign up or inquire about the Netcom lists, send e-mail to listserv@netcom.com. In the body of the message, type "subscribe letter-list" to add your name to the mailing list, or type "unsubscribe letter-list" to have it removed. Contact Mike Ardai at n1ist@netcom.com for more information.

MARCONI MUSEUM TO OPEN IN NEW HAMPSHIRE

Bedford, New Hampshire, will be the site of the US National Marconi Museum, to be run by The Guglielmo Marconi Foundation USA. Ray Minichiello, AA1KG--the founding chairman of the organization and a retired professional engineer--says the group hopes to open the museum early next year in Bedford's former police station. One of the exhibits the museum hopes to have is an exact replica of the wireless room aboard the RMS Titanic, which sank after striking an iceberg on its maiden voyage in 1912. Minichiello hopes one day to have the actual Marconi transmitter used by the Titanic's radio operator, Jack Phillips--if it's ever recovered from the bottom of the North Atlantic. The shipboard radio led directly to the rescue of 700 passengers, and Minichiello said having the actual Marconi radio would serve

as a real tribute to the man who's credited with developing the first practical wireless system.

Other Marconi museums are in Bologna and Genoa, Italy. Sites in Canada and on Cape Cod, Massachusetts, also take note of Marconi's legacy. For more information, call 603-472-9746 or write the museum at 18 North Amherst Rd, Bedford, NH 03110.

BOYS & GIRLS CLUBS TO EMBRACE HAM RADIO

Boys & Girls Clubs soon hope to offer an Amateur Radio program to members across the country. That word from Rick Zamoida, N1QZA, who's the teen/outreach director of the Manchester, New Hampshire, Boys & Girls Club and advisor to the only currently active ham radio club within the organization--the Manchester Boys & Girls Airwaves Amateur Radio Club.

Under the current plan--and in cooperation with the ARRL--an effort is under way within the organization to target ham radio clubs, instructors and volunteers in each of the 15 ARRL divisions. Zamoida reports that the Boys & Girls Club in Santa Monica, California, already is developing a pilot program "to get the ball rolling." Zamoida's own Airwaves club also is playing a big role in developing a national ham radio program for Boys & Girls Clubs.

Others helping to organize the program include Richard Sommers, W6NSV, of the Radio Club of America, and Carole Perry, WB2MGP, of Media Mentors Inc and a well-known advocate of using ham radio in the classroom.

Zamoida says ham radio is a great activity for Boys & Girls Clubs because it provides an outlet for social recreation and opportunities to develop leadership and cultural awareness. "It's a great hobby that's often overlooked," he said. For more information, call Zamoida at 603-625-5982.

JOHN "BOB" VOTA, WB1FDY, SK

John R. "Bob" Vota, WB1FDY, of Centerdale, Rhode Island, has died following a long battle with cancer. He was 58. Bob served as Rhode Island's section manager from 1985 until 1987, was a past president of the Providence Radio Association and a founder of the North Providence Radio Club. He also was an active CW op and contester and was a member of the Army Military Affiliate Radio System (MARS) program, serving as its Rhode Island director for many years. His wife, Elaine, KA1PID, and two sons, Bob, KA1QYF, and Bill, KA1QYE, are among the survivors.--Rick Fairweather, K1KYI

In Brief:

* More astronaut hams: Four more NASA astronauts are now licensed Amateur Radio operators! Mission specialists Ed Lu, KC5WKJ; Jean Francois-Clervoy, KC5WKG; and Carlos Noreiga will be on STS-84 in May 1997, and Marsha Ivins, KC5WKF, will be on STS-81 in January 1997. These are Mir docking missions (but not SAREX missions), where we hope to get permission to allow astronauts to use Mir's radios.--Rosalie White, WA1STO

* KE6HCI honored: Randy Foutch, KE6HCI, Fremont, California, has been named the 1996 Field Organization Volunteer of the Year for the Pacific Division by Director Brad Wyatt, K6WR. The award was made October 19 during the Pacific Division Convention--Pacificon '96--in Concord, California. Randy is a DEC and an assistant director.

* New FCC Web searcher: The FCC has installed a new search engine for use on its World Wide Web site at http://www.fcc.gov. It supports both concept and keyword searches to help Web users find FCC documents quickly and easily. The search utility also supports Boolean operators (and, not, or, etc.). Details on how to use the new search tool are located on the search page, http://www.fcc.gov/search.--FCC

* More Alexanderson info: John Gray, W6UZ, of Charlottesville, Virginia, offers some additional information about the Alexanderson alternator (see The ARRL Letter Electronic Update, October 18, 1996). In addition to the one on Sweden's west coast, he reports that several others were in operation in the early days of wireless, including two at the RCA (formerly Marconi) site at Bolinas, California. One operated as NPG on about 24 kHz during World War II under contract to the Navy; the other was sold to the Navy and shipped to Guam for installation after the liberation of that island. It remained in the crates and was never installed. The other one was dismantled in the early 50s by a salvage company for the copper it contained.--John Gray, W6UZ

* Welcome aboard! Martin Cook, N1FOC/G0TPO, is the new ARRL Outgoing QSL Service manager, assuming the reins from Joe Carcia, NJ1Q, who now manages W1AW. A native of Cheltenham, England, Martin has been licensed for 12 years. He's active in packet radio and HF. He and his wife Kate, N1ODI, live in Bristol, Connecticut. Kate works in the Publication Sales Department at HQ.

* No cat: When asked to describe radio, Albert Einstein is said to have provided an eloquent description: "You see, wire telegraph is a kind of a very, very long cat. You pull his tail in New York and his head meows in Los Angeles. Do you understand this?" Einstein then continued: "Radio operates exactly the same way---you send signals here, they receive them there. The only difference is that there is no cat."

==========

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Editorial, Rick Lindquist, KX4V, e-mail rlindquist@arrl.org.

Visit the ARRLWeb page at http://www.arrl.org.

The purpose of The ARRL Letter is to provide the essential news of interest to active, organizationally minded radio amateurs faster than it can be disseminated by our official journal, QST. We strive to be fast, accurate and readable in our reporting.

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5821. Re: Importance of coax length on HF A myth?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: Joel Gamble <ko4qc@concentric.net>
Message-ID: <32710B86.20BC@concentric.net>
Source record: 214147
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

James Pollock wrote:
>
> Hi.
>
> I have a friend who swears up and down that the length of the
> coaxial cable to maintain resonance at a given frequency is important
> for reducing the SWR. He feels that it acts in a similar principal to
> the fact that the elements of an antenna must be cut to the correct
> length for the antenna to be resonant at a given frequency.
>
> It seems to me I have also read somewhere that this is a myth. I
> need the true scoop on this. I'm preparing to put up a pretty good
> antenna system on my roof (a homebrew 10 meter antenna cut to exactly
> the middle of the band), and don't want to purchase an extra 6 ft of
> Belden 9913 coax only to have it looped up and losing signal, when in
> reality I could of used 20 feet instead of 26 feet of cable.
>
> Please carbon copy any responses to this post to jpoll@redrose.net
> so I don't miss any good info.
>
> Thanks
>
> Jim Your 'friend' needs to stick with CB,as he dosnt know what he is
talking about!
The ONLY time coax length makes a difference is when it is radiating
rf,thus it becomes an active part of the antenna,instead of the passive
conduit it is designed to be.
Ko4qC

5822. Heathkit Parts?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: jdw@apian.hr.lucent.com
Message-ID: <54qldb$dt9@nntpb.cb.lucent.com>
Source record: 214148

I recently purchased two 60 drawer parts cabinets at a hamfest.
The cabinets are full of electronic parts, most of which I can
identify. A few drawers were marked "Heath Parts" and have some
discrete and dip parts with designations like "417 283". So
can anyone tell me:

- are they Heathkit parts (i.e. "417 XXX labeled parts)
- is a cross reference available (with Industry standard equilvalents)
- is anyone interested in buying these for modest $(I can take an inventory)

73, John - KF2XZ
jdwalker@lucent.com

5823. Re: Gate Two Day One ready?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: Dave Booth <booth@pactitle.com>
Message-ID: <3270E7E8.446B@pactitle.com>
Source record: 214149

Check my page for daily updated calls from the FCC!!!!
http://www.geocities.com/Hollywood/5860/

Thanks Dave Booth kc6wfs

terry murphy ab4vj wrote:
>
> Thomas J. Alessi wrote:
> >
> > In <54bj1c$6ub@solaris.cc.vt.edu> jbmitch@vt.edu (John Mitchell) writes:
> > >
> > >Had a report from a ham who called FCC on Friday, 10-18. The word is that
> > >day one callsigns will be mailed out on Monday,10-21. Still nothing on
> > >the servers I monitor...
> >
> > Another false alarm. Day 30 and counting....
> >
> > Tom
> The Word according to Glady's today at 3:30pm is:
> "The Gate 2 Day 1 calls will be issued sometime next week"
> 73 de ab4vj
> hoping for W4TM
> --
> Terry Murphy Amateur Radio Call AB4VJ email: cq@worldnet.att.net
> Proud Member of Franklin County ARC-ARES ab4vj@juno.com
> http://www.RTPnet.org/~fcarc/ MircNick: TarHeel

5824. Alpha Bravo phonetics: the quickie version

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: Brian.Kelk@cl.cam.ac.uk
Message-ID: <54qpq4$csp@lyra.csx.cam.ac.uk>
Source record: 214150
Cross-posted to: alt.usage.english,sci.lang,rec.radio.amateur.misc,rec.radio.info,aus.radio.amateur.misc

Phonetic Alphabets (Alpha Bravo etc)
(brief version)

There is a widely known alphabet Alpha Bravo ... Yankee Zulu.
Such alphabets are variously known as phonetic alphabets,
radio alphabets, spelling alphabets and telephone alphabets.

I have a collection of alphabets for many languages which
I post occasionally, but as that now amounts to many hundreds
of lines I here post a brief sample.

Following discussions last year the full collection is not
now posted to alt.usage.english (but see below for how to
obtain a copy by FTP).

Brian Kelk bck1@cl.cam.ac.uk
25 October 1996

That famous alphabet:

Alpha Bravo Charlie Delta Echo Foxtrot Golf Hotel India
Juliet Kilo Lima Mike November Oscar Papa Quebec Romeo
Sierra Tango Uniform Victor Whiskey Xray Yankee Zulu

(It is approved by various official bodies but note the
variant spellings Alfa Juliett Juliette Oskar Viktor.
It dates from about 1955 and is used in air traffic control,
amateur radio and many other circumstances.
One of its titles is the NATO Phonetic Alphabet.)

An earlier alphabet (used by U.S. Navy up to 1954):

Able Baker Charlie Dog Easy Fox George How Item Jig King
Love Mike Nan Oboe Peter Queen Roger Sugar Tare Uncle Victor
William X-ray Yoke Zebra

A French alphabet:

Anatole Berthe Ce'lestin De'sire' Euge`ne Franc,ois Gaston
Henri Irma Joseph Kle'ber Louis Marcel Nicolas Oscar Pierre
Quintal Raoul Suzanne The're`se Ursule Victor William Xavier
Yvonne Zoe'

A German alphabet:

Anton Berta Caesar Dora Emil Friedrich Gustav Heinrich Ida
Julius Kaufmann Ludwig Martha Nordpol Otto Paula Quelle

Richard Siegfried Theodor Ulrich Viktor Wilhelm Xanthippe
Ypsilon Zacharias

A"rger O"konom Schule U"bel

Two Spanish alphabets:

Antonio Barcelona Carmen Chocolate Dolores Enrique Francia
Gerona Historia Ine's Jose' Kilo Lorenzo Llobregat Madrid
Navarra N~on~o Oviedo Pari's Querido Ramo'n Sa'bado
Tarragona Ulises Valencia Washington Xiquena Yegua Zaragoza

Amalia Beatriz Carmen Domingo Enrique Federico Guatemala
Honduras Ida Jose' Kilo Lima Llave Me'xico Nicaragua N~on~o
Olimpo Pablo Quito Rafael Santiago Teresa Uruguay Venezuela
Washington Xilo'fono Yucata'n Zorro

An Italian alphabet:

Ancona Bologna Como Domodossola Empoli Firenze Genova Hotel
Imola Jersey Kilo Livorno Milano Napoli Otranto Palermo
Quaderno Roma Savona Torino Udine Venezia Washington ics
York Zurigo

For more details and more alphabets see the full list, which
is posted at intervals to sci.lang, rec.radio.amateur.misc
and rec.radio.info; it is now also crossposted to various
*.answers groups. On the World Wide Web you can find copies
of the postings and some further material at:

<http://www.cl.cam.ac.uk/users/bck1/menu.html>

The main posting is also available at:

<http://www.columbia.edu/~fuat/cuarc/phonetic.html>

<ftp://rtfm.mit.edu/pub/usenet/news.answers/radio/phonetic-alph/full>

<ftp://ftp.cs.ruu.nl/pub/NEWS.ANSWERS/radio/phonetic-alph/full>

Brian Kelk
Cambridge
U.K.
bck1@cl.cam.ac.uk

5825. Re: Ham Gear for Sale....

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: Dave Booth <booth@pactitle.com>
Message-ID: <3270E34F.41C6@pactitle.com>
Source record: 214151
Cross-posted to: rec.ham-radio,rec.ham-radio.swap,rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.swap,rec.radio.swap

spiderman wrote:
>
Mine also became a ham... Get her involved!!!!!!!!!
Dave Booth kc6wfs
http://www.geocities.com/Hollywood/5860
> Howard,
>
> I'm sorry. Did you say getting your wife to be a ham was the easy way
> out???? I'm still trying to get mine to open the book.
>
> Bob J.
>
> hwatson@erinet.com (Howard Watson) wrote:
>
> >mjnoble@lucent.com wrote:
>
> >>In article <mwhite-1710961335190001@m14494-mac.mitre.org>, mwhite@mitre.org (Michael White) writes:
> >>|> > Reason for selling is that I just got married a few months ago and
> >>|> > either the Ham Gear or me go.
> >>|>
> >>|>
> >>|> "Yeah, my wife said she'd leave me if I didn't get off the radio. Over."
>
> >I lucked out. I did it the easy way, just got the wife to become a
> >ham also! :>
>
> >Howard

--

5826. Re: ·ÂýÂ ÏÚ□Â□ ÎÒÛ □Ï ÂÓ□¯...¯□ È□¯ýÏÈÌ...OK !!! □□¯ý□

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: Valerie Shertzman <scvval1@earthlink.net>
Message-ID: <3270FAB8.2375@earthlink.net>
Source record: 214152
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.snowmobiles,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketplace.vinyl,rec.music.makers.guitar.acoustic,rec.music.dylan,rec.music.artists.kiss,rec.motorcycles.dirt,rec.models.rockets,rec.games.video.classic,rec.games.video.advocacy,rec.games.roguelike.nethack,rec.games.frp.misc,rec.crafts.textiles.quilting,rec.crafts.metalworking,rec.collecting.dolls,rec.collecting.coins,rec.boats.paddle,rec.boats,rec.bicycles.racing,rec.bicycles.misc,rec.autos.makers.honda,rec.arts.sf.movies,rec.arts.movies.past-films,rec.arts.marching.drumcorps,rec.arts.bodyart,rec.aquaria.marine.reefs,rec.antiques.radio+phono

I saw this posted a few days ago on rec.sports.triathlon and there wasn't one comment. If you notice that address is no longer on this post. I wonder how many aliases and snail mail addresses this jerk has to collect money from people who can't see this for what it is.

I also thought that most carriers have rules against this. Lets put an end to this before it spreads like the disease it is.

5827. Re: Yeasu FT-209rh mods

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: Dave Booth <booth@pactitle.com>
Message-ID: <3270E76A.2781@pactitle.com>
Source record: 214153

John Hill wrote:
>
> Wanted any details of mods for Yeasu FT-209RH. Mods for extending
> Frequency to cover 156mzh to 170mzh of particular interest.
>
> All help welcome
>
> regards
>
> John EI0DK
I found this mod!!!!

...
Date: 2 Jun 89 16:07:14 GMT
From: pasteur!navajo.berkeley.edu!bilbo@ucbvax.Berkeley.EDU (Bill
Baringer)
Subject: FT-209RH mods resolved

Some time ago I had tried the FT-209 mods as published in the Dec. '87
73 magazine. It hadn't worked correctly, and someone on the net
verified
that the jumpers listed weren't correct, but they'd forgotten the
correct
jumpers. Well I finally got around to doing the mod, and here are the
results.

The magazine article says to jump pins 1, 7, 9, 10, 11, 13, and 16.
In every 209RH I've opened, pins 1, 9, and 13 are already jumped.
Adding jumpers 7, 10, 11 and 16 allows "out-of-band" transmission.
But the receiver becomes thoroughly confused, and is not tunable.
The solution: DON'T jump 11 and 16.

So the final steps are:
1) Add jumpers to 7 and 10.
2) Give the VCO can a 1/2 turn clockwise if you're moving to higher
freqs.
3) Reset radio and reprogram rcv and xmit freqs, and rptr offset.

Hope this helps!

Bill -KI6DG

All the usual disclaimers apply.
--
Dave Booth kc6wfs
http://www.geocities.com/Hollywood/5860/

5828. Re: Importance of coax length on HF A myth?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: Steve Bramham <steve.bramham@turner.com>
Message-ID: <3270EC78.2029@turner.com>
Source record: 214154
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Maude Schyffert wrote:
>
> > In general, the correct length of coax for an HF antenna is the
> > distance it takes to get from the transmitter to the antenna. Don't
> > worry about length.
> >
> > Dick Hughes - W6CCD

Sometimes we spend way too much time performing analysis on a problem rather than using common sense. I've been a licensed amateur radio operator for over 30 years and have worked in commercial broadcasting and two-way radio for almost as long. The correct length of coax cable IS "the distance it takes to get from the transmitter to the antenna."

While others will argue the technical merits or matching this an that, in the "real-world" it makes very little difference.

Oh well, sit back and wait for all the techno-wizards to dispute this discussion but I know what works and it works in 99% of the cases involved.....

5829. Re: Can Amatuer Radio survive ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: carl@ais.net
Message-ID: <54qsiu$e8r@news.ais.net>
Source record: 214155

In <54o773$i3e@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net (Jim Kehler) writes:
>john@wd1v.mv.com (John D. Seney, WD1V, LeCroy T&M 800.553.2769) wrote:
>
>>Ham Radio was the true beginning of the Wireless Internet. It will
>>ultimately explode.

The part above is correct ...

>People will have the total ham radio experience
>>without the licensing as they teleconference freely thru our ether.
>>What hams do now as a "licensed privilege" will be everyone's
>>experience -

I believe that ham radio will always be, and should always be, a
licensed privilege ...

>only faster, better, stereo, color, digital, warp
>>speed, real-time, multi-tasking, AI smart, way kewl, near free,
>>fun communications with anyone they want to about anything they
>>want to. The world has shrunk to the size of your computer screen

The above part is also true ...

>>We can dance along the path and make billions of dollars providing
>>it or we can clutch our straight keys and resist change.

I don't see how we're going to make billions of dollars ... I'd be happy
to see ham radio survive, rather than losing its bands and dying in a
few years ...

>Its
>>ultimately a personal choice - but certainly in the domain of how
>>we react to the inevitable, not whether the inevitable happens or
>>not.

Again, the above is correct ...

>>As a rule of thumb, don't settle for less. Get a 64 bit 200 MHz CPU and
>>start designing things that move and use data as fast as you can.

While a 64 bit 200 MHz CPU would be nice, the software hasn't caught up
with that hardware platform yet ... but a nice fast Pentium works pretty
well ...

Carl - wa6vse
carl@ais.net

(Jim quotes start here:)
>John, all the above could very well happen, on the internet. But will ham radio
>become the internet ?

Ham radio is *already* part of the the internet and the internet is
part of ham radio ...

>I am missing something in the discussion of all the hi-teck stuff here
>somewhere.

That's par for the course ... nothing surprising about that ...

>If I want to talk to my Mom across the world on
>the Webphone, what's that got to do with ham radio ?

In the future, your link (or at least a secondary, back link) to the
internet could conceivably be a wireless one via your local amrp.org
domain LAN ...

>It seems
>to me the internet is for the computer hobbyist, and that ham radio is for the
>RF hobbyist.

There is an undeniable, irresistable merger between the worlds of
communications (including radio communications) and computers as more
and more things are done more rapicly, efficiently, and cost-effectively
through the digital processing of signals ...

That's exactly why I proposed the "burst-multiplexed TDMA
digitalemulated CW system" a month or two ago ... to try to get you
stuck_in_the_1930s types to open your teeny little minds just a crack
and see if you could even imagine a different, yet better way of doing
what you like to do ... in a way that would be modern, more efficient,
and more compatible with the trends in technology and future spectrum
economics, but would still "feel like" the same old anacronistic CW that
you insist on loving .... I even proposed providing simulated channel
impariments and interferors ... so you could feel challenged, if you
wished, despite the superior reliability and robustness of the
underlying digital communications system ...

Did you even stop and think and say "well maybe that would be OK ... if
it really *did* "look and feel" just like my old friend CW ...

NO ... every damned pro-code brass-pounder who responded said "Hell no
... don't want nothing to do with that newfangled stuff ..."

SO, you see ... you're stuck in the past, you like it there, you refuse
to even consider modern alternatives ... even when they're constructed
specifically to accomodate your tastes ... you're rigid, inflexible, and
unchanging ...

SO all we can do to assure the future of ham radio is to step around
you, pass you by, and proceed into the future without you ... bye ...

>Maybe I am confused.

NO doubt about it ... about many things ... including what ham radio is *supposed to be* all about ...

Carl - wa6vse
carl@ais.net

5830. Re: 'Nother Pro-code Luddite

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: carl@ais.net
Message-ID: <54r2lq$iq0@news.ais.net>
Source record: 214156
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In <327109CF.3A86@clark.dgim.doc.ca>, Jim Cummings <jcumming@clark.dgim.doc.ca> writes:
>Jim Conn wrote:
>>
>> Carl Stevenson wrote:
>> >
>
>> > you admit above that it (Morse
>> > testing) does keep out those who don't want to learn the code ...
>> > That's clearly a Bad Thing ... (except to you Luddites, who hate
>> > to see anyone with progressive ideas get into ham radio ...)
>> >
>>
>> Nope, it's a good thing, Carl. It is a fair and impartial filter, to
>> limit the quantity of ham operators to a reasonable number.
>
>This begs the question - what might that number be? One million, two
>million, or however many amateurs worldwide? Surely Conn is not suggesting
>that Industry Canada, the FCC, DTI of UK and all the other national amateur
>service regulatory authorities have agreed to limit the number of amateurs
>who can operate on the amateur bands?
>
>In so far as Morse code being "fair and impartial" is concerned, I will
>grant to Conn the arguement that Morse code testing is impartial.

It is NOT imparital ... it VERY STRONGLY favors those who have a natural
ability ... people with musical talents, sense of tone, rythm, etc. ...
this has been pointed out repeatedly and is repeately ignored by Conn
and the pro-coders ... (the "haves" who could care less about the
"have-nots")

>But is
>that fair? Since the government's responsibility is to ensure that amateurs
>must conduct their transmissions without interferening with other users of
>the radio frequency spectrum, it is generally agreed that the knowledge of
>Morse code is irrelevant to the legitimate concerns of the government with
>respect to the amateur transmissions.

Correct, therefore the "requirement" should be dropped.

>Returning back to the issue of limiting the number of amateurs on the bands,
>I had agreed with Conn that Stevenson was in error claiming that the pro-code
>crowd was discouraging technical progress. (As much I understand Stevenson's
>premises, I despair of his rhetoric, which is indeed inflamatory, if not
>overly flamboyant.)

Forgive me if it offends you in some way, but my passion for this
subject runs deep and sometimes I feel that some imflaming is called for
.. we need to get more people "worked up" and off their backsides
working for the future of ham radio ... it that takes inflaming, so be
it ... seems to me that many of history's leaders were simply people
with a conviction who were able to motivate others to action to
accomplish change ... now I'm not claiming to be some sort of "great
leader", don't get me wrong ... but I hope that in some small way I can
be responsible for promoting and facilitating the necessary changes.

>None the less, Conn's view that the purpose of Morse
>code is to limit the number of users on the amateur bands unwittingly gives
>creedance to Stevenson's view that the pro-code adherents discourage
>technical progress.

Thanks for "giving the devil his due" if that's the way you view it
<grin>

>I think we will recall Coffman recounting an occurence of the late 1940's
>whereby the FCC was petioned to increase the Morse code speed because it was
>felt that by doing so, this would limit the number of radiotelephone
>operators. As I recall the posting, I believe that the received wisdom of
>that time determined that the maximum number of amateurs that could be
>accomodated was around 15,000. This was so ordered. Yet, the increase in
>Morse code speed did not limit the number of amateurs, certainly not
>worldwide. Indeed, the number of users increased to such an extent that
>amateurs have had to resort to using techniques whereby they occupy less
>spectrum in order to communicate. The advent of SSB is probably the best
>example of the maxim that necessity is the mother of invention. Others
>developments, such as automatic telegrahic techniques, i.e. Clover, TOR, etc.
>were developments of the amateur operators due to the disatisfaction of
>traditional manual telegraphic techniques, Morse code.
>
>The point being is that if, on the one hand, the purpose of Morse code is to
>limit the quantity of operators on HF (let us be more to the point - Morse
>code testing being the means to limit the number of radiotelephone
>operators), then it is obvious that this is an unachievable objective without
>the required international agreements. While on the other hand, if indeed
>the program to limit access was successful, it would have discouraged
>innovation. By limiting the number of operators on the HF,
>experimentation would have been passively stifled. Since everyone would
>have been satisfactorily accomodated, amateurs would not have undertaken to
>try new modes of communications. Therefore, Stevenson's contention that
>pro-code testing advocates wish to discourage technical innovation has a
>kernal of truth.

Point 1)
By requiring proficiency in their favorite mode, the pro-coders not only
limit the number of *phone* operators, but also limit the number of
operators of all other modes except CW ... this, as you acknowledge,
discourages technical innovation (by artificially surpressing the number
of participants in other activities and technologies ...)

Point 2)
The entire *goal* of "limiting the number of HF operators" is an abomination ... it automatically excludes anyone who rejects the premise that "CW is 'best'" and it seeks to set aside a public resource as the exclusive playground of the practitioners of a dying method of communications ... this is totally contrary to the purpose and goals outlined in Part 97.1 ...

Point 3)
The incumbents resist change, progress, and modernization because they cannot, or refuse to, understand and accept the benefits of modern technology and, furthermore, because such acceptance would, of necessity, acknowledge that their preferred methods have, indeed become antiquated and inadequate. This would "devalue" their own self-worth, and this they cannot accept ... this is, of course, circular in that it feeds on itself and is self-perpetuating ... there is probably no way to break the cycle and few who are trapped in it are likely to ever "see the light" ... this is unfortunate, but as technology and society progress, there are always those who refuse to accept the changes and keep pace ... they are simply left behind as "selection of the fittest" marches on ...

>In summation, Conn's view that the purpose of Morse code is to limit the
>number of users on that amateur bands is demonstrably untrue and wouldn't
>have that effect even if the FCC (or in my case, Industry Canada) were to
>attempt to do so. Besides, I doubt if our respective administrations, or
>any other ones for that matter, give two hoots if the amateur bands are
>crowded or not.

I wouls submit that they care, and in the face of increasing demands for spectrum for other uses will increasingly care, about how UNCROWDED our bands are ... whine as some might, our bands are SIGNIFICANTLY more sparcely occupied than the commercial bands ... this is BAD ...

>> > It also panders to another view that seems to be widely accepted amongst
>> > Luddites ... that "honest work is necessary to prove one's 'worth'" ...
>> > this, of course is YOUR work ethic, and it's bogus, too ...
>>
>> That's a big problem in society today, I believe, there are too many who
>> believe just like you, Carl, that an honest work ethic is something to be
>> sneered at, just as you sneer at and lie about those who want to maintain
>> standards. One may reasonably infer, based on the above sentence, that
>> since you dont believe that honest work proves one's worth, you believe
>> that either "dishonest work" or "no work" will prove one's worth. Which
>> is it? Too many today are just like you, want something for nothing,
>> "'cause I *deserve* what others have worked hard to earn, so lower the
>> standards to meet me, so I won't have to measure up to the standards."

NOTE: When I say "I/we" in the following, please include the thousands of others who are technically more qualified than the vast majority of hams by virtue of years and years of directly relevant professional experience ... no boast, just fact ...

Point 1)
WRONG ... I/we don't "want something for nothing" ... I/we have worked hard for 25 years at becoming experts in RF, electronics, and computers .. I/we have "paid our dues" in that respect ... we resent the hell out of being told that we "aren't qualified to be considered 'real' hams" by a bunch of backward, technically ignorant pro-code people, who for the most part, are not as qualified as we are ...

Point 2)
I/we don't "sneer at" honest work ... I/we respect the effort that goes into learning the theory ... been there, done that ... the point is, since I/we've ALREADY done that, you feel that some EXTRA work must be artificially introduced to present a barrier that we must overcome to demonstrate our "dedication," "desire," "commitment," etc. ... this is ridiculous ... I've spent 25 years demonstrating my dedication, desire, committment, etc. to the advancement of technology ... I don't have to PROVE anything to the pro-coders ...

Point 3)
Admitting (welcoming) technical professionals in large numbers in no way constitutes "lowering the standards" ... in fact, they will raise the standards ... even with zero knowledge of the code ...

It is pretty clear to me that this is EXACTLY what the pro-coders fear .. that an influx of technical professionals will show the world and force the pro-coders to face the fact that the majority of today's hams are technically backward and stuck in the past ...

>This is true if and only if the standards are relevant to the desired
>objective. Since the knowledge of Morse code does not meet the limitation
>objective, in contradiction to Conn's views, then its efficacy as an
>instrument of government policy to limit the number of users on the
>amateur bands leaves much to be desired.

Government should not HAVE a "policy to limit the number of users on the amateur bands" .... that is contrary to the objectives of the amateur service ...

>Moreover, our respective
>administrations could care less how much effort and individual candidate
>devoted into obtaining the requisite knowledge in becoming an amateur. Their
>interest is solely to ensure that amateurs have the requisite knowledge of
>operating their amateur stations. Whether it takes an individual one hour or
>one year to accumulate that knowledge matters little to them. The
>importance is that they have met that standard and have demonstrated this

This is what I mean when I blast "forcing *your* work ethic on me" ... it is reacting to the people who say, in effect "You're a professional in this area, so passing the theory is no problem for you, therefore, we must have some other barrier to force you to expend work to show that you "qualify" for a license."

>knowledge by passing the requisite examinations.
>The question here is to

>determine the relevance to Morse code testing is relevant in determining if
>the individual can operate an amateur station bearing in mind that they are
>potential sources of interference to other users of the radio frequency
>spectrum. Since Morse code testing does not limit access, nor is it relative
>to operator competency, to what extent does the "work ethic" justify Morse
>code testing? To be somewhat facetious, if working hard is a valid measure
>to determine one's worthiness to be an amateur, aren't there better
>activities that can be undertaken to determine an individual's worthiness
>not operate an amateur station?
>
>> > the ONLY
>> > criteria for deciding who gets/doesn't get a license should be "Are they
>> > technically qualified to assemble and operate an amateur radio station
>> > without harming themselves or the public and/or creating interference to
>> > other hams or other services?" Period, end of story, nothing more,
>> > nothing less ... your work ethic has NO bearing ... it is NOT the
>> > government's job to force it on me, Joe Blow, or anyone else ...
>> >
>>
>
>
>In contradiction to Conn, Morse code has indeed been abandoned by most other
>users of the radio frequency spectrum, and will have been completely
>abandoned by 1 Feb 99, the date whereby the maritime mobile service will have
>abandoned completely the use of Morse code and GMDSS will be the only
>radiocommunication protocol available for search and rescue.
>
>> > (snip) cockpit voice is used for ATC because it places
>> > less of a burden on the attention of the air crew in crowded
>> > airspace maneuvering situations than other modes (because voice is a
>> > "natural" form of communications, the crew can talk and drive at the
>> > same time with less distraction from driving than code or typing
>> > messages on a keyboard ...)
>> >
>>
>> Well, bless my soul, you made my case for me. So you admit there are
>> circumstances when your vaunted digital modes are not better than older
>> modes, like voice. My point is that in like manner there are times when
>> CW is a more effective means of communications for a ham than digital
>> modes or even voice. Thanks for your help in making that point.
>>

I did NOT make Conn's point for him ... on the contrary, I said that
voice is preferred over CW or digital methods in some situations
because voice is a NATURAL form of communication ... CW and didgital
are both artificial methods (the "user interface" is not build-in like
the mouth and ears) ... so voice vs. CW/digital is apples/oranges in
this case.

Now to compare CW to digital, that's apples/apples and digital will kick
ass on CW all day long ...

You could also talk the cockpit voice, which is no analog AM, and
convert it to digital voice and apply an appropriate protocol and pack a
lot more aircraft users in the same spectrum with less interference and
problems than the current AM system ... the problem is the installed
base will take time to convert and a phased conversion scheme is
necessary to assure the continuity of vital services ... ham radio does
not pose the same constraints ...

>
>No, I do not agree that Stevenson proved Conn's case. The reason that
>aeronautical mobile does not use digital communications has less to do with
>advancements and more to do with technological and economic intertia. It
>boils down to this - pilots are like hams, they're cheap. So far they have
>not been forced to consider using other more advanced modes of communications
>because the amount of spectrum allocated to them for air to ground comms has
>been sufficient. In other words, they have gobs and gobs of spectrum
>allocation, i.e. 25 kHz channelling using 6 kHz AM radiotelephone. From an
>economic point of view, there is no need for them to change. (However, many
>commercial airlines are using digital communications in order to tranmit
>their needs for fuelling and victualling purposes) This is a good example of
>the point that without spectrum crowding, i.e. necessity, nobody would
>consider using more advanced techniques.
>
>
>> No red herring at all. Spread Spectrum is indeed illegal on HF. The only
>> fishy thing around here is your statements, because they contain so many
>> falsehoods! I don't oppose any modes - you oppose CW mode, but I don't
>> oppose any, on HF or elsewhere, except I oppose illegal ones, like Spread
>> Spectrum. If it should be legalized some day, why, I won't oppose the use
>> of it. I welcome new technology.
>>
>
>But I think it goes without sayin that Conn would not take any steps to allow
>SS on HF.
>
>> You are so silly, Carl, to think everyone goes to work on a freeway. Some
>> folks are ranchers and farmers. In most cases, horseback is still a
>> better method of rounding up livestock on a ranch or farm than driving a
>> toyota, Carl. Horseback sometimes makes more sense as a mode of
>> transportation than an automobile.
>
>But just because indeed there are a few, a very few instances, where horse
>back riding is more useful than driving a vehicle does not justify a test of
>one's capability to ride a horse before driving on a feeway.
>
>> > Bullshit! It's a horse in a jet helicopter world ...
>>
>> Why don't you try riding down a bridle path in the woods in your jet
>> helicopter? See if the trees don't damage your rotors. Can't you see
>> that the horse still has a use in some situations, even though there are
>> other modes available that are useful, but not always as apt for a

>> particular purpose?
>>
>
>But I presume that it is not necessary to demonstrate one's ability to ride a
>horse in order to be permitted to pilot a helicopter?
>
>> > OK, now we're getting to reality ... YOU don't want more people on
>> > "YOUR" HF bands (they might get too crowded for your antiquated
>> > methods), so you want to mantain a "filter" to "keep newcomers out"
>> >
>>
>> There you go again, Carl, trying to put words in my mouth, when you can't
>> get any intelligent ones out of your own. I never said they were *MY* HF
>> bands. The morse code "filter" only keeps out those "newcomers" who are
>> unwilling to put forth the effort to learn morse code. Anybody who is not
>> handicapped can learn morse code, just like thousands before them have
>> learned it, and been licensed.
>>
>
>I beg to differ with Conn on this statement because his original premise was
>to ensure that the existing users were not unduly inconvenienced. The result
>is indeed to keep newcomers out. In other words, Stevenson did not put words
>in Conn's mouth, Conn did it himself. As indicated beforehand, the work
>ethic arguement is empty also.
>
>> > >Via the morse testing requirement, our government is fulfilling its
>> > >responsibility to restrict the numbers of those who have access to the HF
>> > >bands.
>> >
>> > Our government HAS NO SUCH "responsibility" ... what bullshit!
>>
>> Sure. The FCC has been tasked with responsibility for the spectrum. If it
>> doesn't have the responsibility to protect the integrity and viability of
>> the spectrum, then it doesn't have any responsibility for it at all.
>>
>
>To the contrary, the responsibility of the government regulators is to
>accomodate the various users of the radio frequency spectrum to the extent
>that interference is minimized or mitigated. With respect to the amateur
>service, it has been shown that attempts to limit the number of amateurs in
>order to minimize intra-amateur service interference would be unnsuccessful
>and would have other deleterious effects.
>
>> Unlike you, I don't think there is anything wrong with having a "work
>> ethic". If the government wants to require people to work to get a ham
>> license, then it has every right to do so. Of course, to hear you talk,
>> you know more than the government, so they should let you say what the
>> requirements are, what legal bandwidths and mode are allowed, etc.
>>
>

>I disagree with Conn's contention that the government has every right to make
>us "work" in order to obtain an amateur licence. The government has the
>right to ensure that I, or any other individual, must have the requisite
>knowledge to avoid interference, or mitigate it to the greatest extend
>possible, before being permitted to operate a station. Instituting
>artificial barriers, justified as determining the worthiness, is not
>acceptable. Since the knowledge of Morse code has nothing to do with the
>government's legitimate interests of mitigating interference, then the
>imposition of such testing is unjustified, regardless if it is the tool to
>ensure that the individual has the "right stuff".
>
>
>> Well, using your same warped illogic, the written tests discriminate
>> against those who think that theory and math are "a waste of time." Morse
>> testing has relevance, because it keeps the numbers of HF qualified hams
>> to a reasonable number.
>>
>
>The written tests would indeed be also unjustified if they were not relevant
>to determining the individual's capability to operate an amateur station
>without being aware of the interference potential.
>
>
>> They must agree with me, since they are the ones who are limiting access
>> to HF through morse testing.
>
>That may very well be the effect, but it is doubtful that limiting the number
>of amateurs on the band through Morse code testing is an objective of the
>FCC, or any other administration for that matter. More to the point, the
>only remaining justification for Morse code testing is that it is a supposed
>treaty requirement. However, the Japanese have demonstrated the tenuousness
>of these provisions.
>
>
>> >
>> > >don't bother bringing up your "If the bands get crowded, we'll all move
>> > >to Spread Spectrum" argument, because Spread Spectrum is illegal on HF.
>> >
>> > That's why we need to get the antiquated, outdated, ARRL/Luddite amateur
>> > radio rules UPDATED, despite your protestations ..
>>
>> Notice, everyone, he does not deny the fact that Spread Spectrum on HF is
>> illegal.
>>
>> >
>> > >Spread Spectrum is not likely to be allowed anytime soon on the HF ham
>> > >bands for reasons of national security.
>> >
>> > In making this statement, your lack of understanding is clearly revealed
>> > once again ... Give us a break ... it's being used ROUTINELY in consumer

>> > items like cordless phones, computer lans, etc. ... there IS NO
>> > legitimate national security reason not to permit it on HF ... NONE ...
>>
>> Carl, whose ignorance is showing?

Yours ... the frequency of operation is irrelevant ...

>> Don't you know that cordless phones
>> don't use HF?

Of course I know that ... I design the damned things for a living ...
amongst other things RF ...

>> Who are you trying to kid!

Nobody ... I leave that to you, Jim Conn (perhaps one less "n" is in
orer, since you're constantly trying to "con" people into believing your
absurd statements ...)

>> And, yes, there is a very good reason
>> for them not allowing it on HF. In a previous post, Jim Reid did is well
>> enough already. I am enclosing a copy of his excellent post, below:

I'm afraid that Jim's post was nearly as absurd as yours are ...

There IS NO *reasonable* national security concern to prohibit spread
spectrum on HF when it is freely allowable in VHF/UHF consumer products.
It would be just as easy, probably far easier, to hide covert messages
in the middle of the 902-928 band, where spread spectrum signals are the
norm, and copy and relay them via satellite to "the evil empire" ...

comments added/interspersed by:
Carl - wa6vse
carl@ais.net

5831. Re: Vanity Callsign Update

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-25 00:00:00 UTC
From: Dave Booth <booth@pactitle.com>
Message-ID: <3270E5BB.167E@pactitle.com>
Source record: 214157
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.policy,

Check my Page for Daily updated NEW and CHANGED callsigns!!!!!!
http://www.geocities.com/Hollywood/5860
Thanks Dave Booth kc6wfs

Michael Crestohl wrote:
>
> In article <54pjrj$9l2@news-e2b.gnn.com>,
> Michael Herron <GHURRICANE@gnn.com> wrote:
> >By the end of what week?? See, another loophole! I loved the last
> >word on it from the "spokesman" who HAZARDS a GUESS that IF ALL GOES
> >WELL they SHOULD..... Hey! Talk about a born politician who will
> >tell you exactly what you want to hear and actually say nothing at
> >all!! Any comments? Its more fun than the code no code (Carl no
> >Carl) waste of time stuff around here at least!!
> >
>
> You know gang, it really boils down to the simple fact that no one knows
> nothing! (How's that for double negatives?) Just wait and hang out and
> one day soon it'll happen.
>
> 73,
>
> Michael Crestohl, KH6KD/W1 (soon W1??)
> mc@shore.net

--
Dave Booth

5832. New Web Site!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: "T.J. Alessi" <Tom@Alessi.Com>
Message-ID: <32726169.5A5D@Alessi.Com>
Source record: 214008
Cross-posted to: rec.radio.amateur.misc,alt.freemasonry

I would like to announce to the lists my New Homepages, and invite everyone to stop by and check it out. It contains many useful and related links.

http://alessi.com/tom

Ham Radio, Freemasonry, Police/Fire/EMS, Aviation, Weather & More!

Thanks,
Tom
--

T.J. Alessi, WB1L E-Mail: Tom@Alessi.Com
147 Joffre Avenue http://alessi.com/tom
Stamford, Connecticut 06905 Voice: 203.977.5200

5833. This Week in Amateur Radio #187 (for air through 11/1/96)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: "Stephan M. Anderman" <sanderman@delphi.com>
Message-ID: <JpHQnSU.sanderman@delphi.com>
Source record: 214009

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Here is a summary of news items covered on edition #187 of
"This Week in Amateur Radio", North America's satellite-delivered
audio bulletin service, for the week ending 1-Nov:
-
1. FCC Discontinues Form 610R, W5YI VEC Re-initiates Paid Renewals
2. Grove Enterprises Expo in Atlanta Successful, WA4SIR at Banquet
3. ARRL Holds Last Board Meeting of 1996, Considers '97 Budget
4. Gate 2 Vanity Call Signs May Go Out This Week on Random Basis
5. New Marconi Museum in New Hampshire to Open, Seeks Titanic Gear
6. Special Event Station Calendar
7. AMSAT-LU Readies for VOXSAT Launch, Successor to DOVE
8. Four Astronauts Get Licenses, Scheduled for Mir Missions in '97
9. AMSAT-NA Reports OSCAR 11 Working Well, Temperature Stable
10. New Version of STSORBIT PLUS Released by Author
11. Motorola M-Star LEOs to Use Lasers, No RF Spectrum Threat Posed
12. "Gateway 160 Meter Net Report" with Vern Jackson, WA0RCR
13. Weekly Propagation Forecast
14. Clinton Campaigns for "Internet II", Free Hook-up for Schools
15. Netscape Joins with 37 Manufacturers for New Internet Standard
16. John R. "Bob" Vota, WB1FDY, Former RI Section Manager, SK
17. "The RAIN Dial-up" from Chicago
-
Funding for the program's transmission and production expense was
provided this week by a grant from Gene Wicklund, WA0ZOK, of Horace,
North Dakota, where "This Week in Amateur Radio" is heard on the
WA0ZOK repeater, serving Fargo, North Dakota; Morehead, Minnesota;
and the Red River Valley on 443.75 MHz.
-
"This Week in Amateur Radio" is a weekly amateur voice bulletin
service, produced by Community Video Associates, Inc., a New York
State not-for-profit corporation based in Albany, NY. The program
is heard on the "W0KIE Satellite Network" each Saturday at 9:00 PM
(EDT) on the Hughes Communications SBS-6 commercial communications
satellite, transponder 13B upper, located at 74 degrees west
longitude in equatorial geosynchronous orbit. The transponder
center frequency is 12.019 GHz; tune up in frequency to 12.031 GHz.
Program audio is on the 6.2 MHz analog subcarrier and carried on
VHF/UHF repeaters throughout North America and on 160 meters at 1860
```

kHz. Contact your local amateur radio club or repeater operator if "This Week in Amateur Radio" is not being heard in your area.
-
Production and transmission expenses are underwritten by donations from repeater operators, amateur radio clubs, and individuals. Further information is available from George Bowen, N2LQS, at 518/283-3665 (email kxkvi@delphi.com) or Stephan Anderman, WA3RKB, at 518/664-6809 (email sanderman@delphi.com). You may also reach them @ WA2UMX.FN32AW.ENY.NY.USA.NA via amateur packet.

5834. Re: Pro Code and No Code Debate

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: Cecil Moore <cecilmoore@delphi.com>
Message-ID: <JtByPyS.cecilmoore@delphi.com>
Source record: 214010

Brian A. Berard <brianb@gte.net> writes:

>I don't ever remember Ham Radio being like this before. Is this what
>Ham Radio has become? If so, it's future doesn't look too bright.

Hi Brian, where in the world did you get the idea that netnews
is ham radio? It is something else entirely. The hams here
on netnews have the choice of reading/writing netnews or
being on the radio. Each medium holds its own special
attraction.

>Now getting back to the code issue. Perhaps if a certain small band of
>freqs could be set aside, many more like myself could practice code in
>a real world environment at a low power and we also could become Hams

This has been done. It's called the novice license. Assuming you are
serious about wanting to learn Morse code, the 5wpm novice
requirement is slow enough that a motivated person can learn
to copy in a few hours. Try copying QSOs on the novice CW bands
for awhile and then take the test. Bet you pass.

73, Cecil, W6RCA, OOTC

5835. Re: 6 Meter Info Wanted

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: "Thomas G. Mosher" <simu.tom@why.net>
Message-ID: <3271B40A.52E9@why.net>
Source record: 214011

John Chubick wrote:
>
> I'm looking for 6 meter operators willing to share what they know about
> operating on 6 meters. QST's review of the MFJ 9406 6 meter transceiver.
> I live in Central Illinois and was wondering if I could easily talk to
> family in Western Iowa? It's roughly 320 miles. Would I need a
> directional antenna? The MFJ radio is rated at 10 W PEP.
>
> I'd love to hear from experienced 6 meter operators.
I used to do 6m and with the conditions right, my little FT767 with its
10w 6m module would carry me to the east coast with a 3 element beam
(mind you this was USB).

KC5DAR
--
Thomas G. Mosher
simu.tom@why.net

5836. Packet in Wurzburg, Germany

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: dl278@cleveland.Freenet.Edu
Message-ID: <54ts6d$be4@alexander.INS.CWRU.Edu>
Source record: 214012

Would some one tell me what the digipeter freqs are for the Wurzburg
Germany area and where the "machines" are located.

I believe there is one in Gerbrunn on 440 but would like to know exact
freq. I'm primarily interested in anything on the South or
South-West of the city.

Thanks

Bill

N5LMX/DA1WG

.
Bgraham@tecnet1.jcte.jcs.mil
--
Never Thirst !
"My head hurts, my feet stink and I don't love Jesus!"- J. Buffett

5837. Re: Importance of coax length on HF A myth?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: "Merv Stump"
Message-ID: <54u44m$1k8@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 214013
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

ARRL currently has a program under development which analyzes transmission line. I'm fortunate to have been asked to play with an early copy. Running some quick examples shows the following:

At 28 MHz an antenna with a purely resistive load of 50 ohms fed with 100 feet of RG213 has a loss of 1.181 dB. There is no additional loss due to SWR.

The same antenna fed with 100 feed of 1/2 inch 75 ohm hard line has a loss of .420 dB due to the cable and an additional .032 dB due to the SWR for a total loss of .452 dB.

An antenna with a purely resistive load of 500 ohms (10/1 SWR) fed with RG213 has a loss of 1.181 due to the cable and an additional 2.702 dB due to the SWR for a total loss of 3.883 dB.

The same antenna fed with 1/2 inch 75 ohm hard line has a loss of .420 DB due to the cable and an additional .032 dB due to SWR for a total loss of 452 dB.

Incidentally, I chose purely resistive loads just to simplify things. The program works with complex loads as well. If anyone would like a specific calculation you can eMail me. All that is needed is the type cable, the length of the cable, the frequency and the load, (resistive and inductive).

Regards, Merv

5838. Re: to beep or not to beep

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <54tnbd$3ta@anomaly.ideamation.com>
Source record: 214014

In article <54s1ff$8n2@news.ais.net>, Carl Stevenson <carl@ais.net> wrote:

>First, I know and use proper o[erating proceedures on HF ... your

That's "operating" ------------^^^

>implication that anyone who doesn't have interest in CW is a "CBer" and
>acts like one is absurd and insulting, not just to me, but to anyone

After insulting the entire amateur community that participates in
contesting and DXing, you have the gall to say that your feelings get
hurt if someone calls you a CBer?

That's pretty funny.

>Secondly, I am not a masochist ... I'd much rather work and get the
>rules changed than submit to your hazing ritual ...

Fortunately for us Carl, you're nothing but a wind-bag and do nothing
but go around stomping your feet.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

5839. Re: Pro Code and No Code Debate

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <54u1rt$46p@anomaly.ideamation.com>
Source record: 214015

In article <327446f3.9087566@news.gte.net>,
Brian A. Berard <brianb@gte.net> wrote:

>I've tried the tapes and using a heath kit paddle keyer but somehow it
>just doesn't cut the mustard! --)) I really wish there was a tiny
>portion of a HF band where i could practice low power live time real

Hi Brian,

Why not call the ARRL and find out the name of a local club in your
area. I'm sure there will be dozens of amateurs there willing to sit
down with you and a couple of practice oscillators sending code back
and forth. While not as good as "being on the air" it will still
give you the capability of practicing.

In the meantime, why not study for your codeless tech license. 50
question multiple-choice test. Once you get your tech license,
you can operate on every amateur band above 30mhz (99% of all
available amateur spectrum is above 30mhz) with full power. You
can even operate CW on some of those bands, to practice your code
speed even more! One doesn't have to have a coded license to use
code on the air!

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

5840. Michigan City Hamfest

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: n9zip@netnitco.net
Message-ID: <n9zip.2.0015667F@netnitco.net>
Source record: 214016

Michigan City Amateur Radio Club (MCARC)
is having it's annual hamfest March 1997.
For more information check out the web page,
http://ww2.netnitco.net/users/n9zip/homepage.htm

5841. Re: Importance of coax length on HF A myth?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: jpotter@jpaw.com
Message-ID: <3272888d.2037027@news.santafe.edu>
Source record: 214017
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

w7el@teleport.com (Roy Lewallen) wrote:

>There's one more way that cable length can affect VSWR. If common-mode
>current is present (that is, current is flowing on the outside of coax, or
>the currents in twinlead aren't equal and opposite), the feedline becomes
>part of the antenna. In that situation, changing the length of the feedline
>changes the antenna itself, which will affect VSWR.
>
>VSWR can seem to change with cable length if the characteristic impedance
>of the VSWR meter isn't the same as that of the cable. I've measured RG-58
>at over 60 ohms Z0, and a couple of cheap SWR meters I've looked at were
>off also, so I imagine this is a fairly common occurrence. In this case,
>the SWR doesn't really change with feedline length, but the SWR meter says
>it does.
>
>Roy Lewallen, W7EL

I agree with your comment on common mode currents. Also, with your
comment about the directional coupler. What it really amounts to is
that if the coupler has poor directivity (equivalent to not being
balanced for the impedance of the cable being used), some of the
forward wave is coupled into the reflected port. The resultant
apparent reflected signal depends on the relative phases of the
forward and reflected power and thus on the position of the coupler in
the standing wave. This phenomenon can also make the VSWR look better
than it really is if the two waves tend to cancel.

This discussion is a good example of the Internet at work. It's nice
to see that the ham radio newsgroup generally seems to be populated by
considerate people and not the nutcakes that wase bandwidth on a
couple of other newsgroups I follow.

73 de K9GXC, Jim

James M. Potter, President TEL: (505) 662-5804
JP Accelerator Works, Inc. FAX: (505) 662-5210
2245 47th Street EMAIL: jpotter@jpaw.com
Los Alamos, NM 87544-1604 URL: http://www.jpaw.com

5842. Re: Pro Code and No Code Debate

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: Dave Hockaday <wb4iuy@ipass.net>
Message-ID: <3272F93E.4411@ipass.net>
Source record: 214018

Brian A. Berard wrote:

> I've tried the tapes and using a heath kit paddle keyer but somehow it
> just doesn't cut the mustard! --)) I really wish there was a tiny
> portion of a HF band where i could practice low power live time real
> code. I feel that this would help me tremedously to get up to speed. I

> for this, ironic as it sounds. I would just like an environment that
> would allow me to practice it in a real world environment and make
> actual contact to get me and others past this barrier. I get excited
> just thinking about making contacts via CW.
> brianb@gte.net

You know, I've wondered about the same thing. It seems that the codeless techs should have some CW spectrum, maybe share the nov/tech subbands. It would be a perfect place to make contacts and practice CW at the same time. I've worked with a lot of newcomers on 2 meters CW, and it just isn't the same as real HF contacts. It would be a lot more fun if they could switch their rig on any time of day or night and call CQ, knowing that someone is out there...somewhere. Those of us who work CW know that on-the-air contacts are the best practice there is, and much better than listening to a tape.

--
73 de Dave Hockaday WB4IUY
Youngsville, NC
wb4iuy@ipass.net

http://www.ipass.net/~wb4iuy/
http://www.ipass.net/~hockaday/
http://www.ipass.net/~teara/
http://www.geocities.com/TheTropics/3349/
http://www.RTPnet.org/~fcarc/
http://www.RTPnet.org/~rdrc/

5843. Re: Importance of coax length on HF A myth?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: altavoz <altavoz@worldnet.att.net>
Message-ID: <3272D60A.7F19@worldnet.att.net>
Source record: 214019
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

James Pollock wrote:
>
> Hi.
>
> I have a friend who swears up and down that the length of the
> coaxial cable to maintain resonance at a given frequency is important
> for reducing the SWR. He feels that it acts in a similar principal to
> the fact that the elements of an antenna must be cut to the correct
> length for the antenna to be resonant at a given frequency.
>
> It seems to me I have also read somewhere that this is a myth. I
> need the true scoop on this. I'm preparing to put up a pretty good
> antenna system on my roof (a homebrew 10 meter antenna cut to exactly
> the middle of the band), and don't want to purchase an extra 6 ft of
> Belden 9913 coax only to have it looped up and losing signal, when in
> reality I could of used 20 feet instead of 26 feet of cable. Jim

altavoz: 9913 !!! on 30 MHZ NOT !! RG8FOAM
You'll see a .7 db/100' to .9db/100' increase in attenuation
going to RG8foam . WOW , BIG LOSS (NOT)
Stick to radiation pattern adjustments , not splitting hairs
over coax.
Read "amatuer radio vert' antenna handbook" By CAPT Paul H.Lee
deceased (N6PL) . Its the greatest.

_____End of text from altavoz__________

5844. Re: Importance of coax length on HF A myth?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct26.200250.12037@ke4zv.atl.ga.us>
Source record: 214020
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

In article <54rg26$sjv@opera.iinet.net.au> richardh@iinet.net.au writes:
>Jim
>If the coax is matched (ie the load presents a resistive, 50 Ohm
>impedance) then the length of the coax is unimportant, except that it
>has loss depending on how good it is and the operating frequency. If
>the load is not matched properly then there will be different
>impedances at different points aliong the coax and you will get a
>different SWR with a 50 ohm source, depending on where you feed the
>coax. So your friend is correct if the load is not m,atched
>accurately.

No, the SWR is constant, and is a function of the mismatch at the load end only. That constant SWR is what causes the presented impedance variation along the line (due to transmission line transformer action). If you insert the SWR meter anywhere along the line, it will read the same SWR (discounting line loss). A SWR meter reads SWR, not impedance.

Internally, a SWR meter is a 50 ohm line section, so it merely acts as a short extension to the cable being measured. (If you try to measure 75 ohm line with a 50 ohm SWR meter, however, you'll be in for some surprises.)

Conversely, if you have an operating impedance bridge, you can measure the impedance at any point along the line, and given that, the cable length from the load to that point, and a Smith Chart, you can determine the SWR on the line (discounting line loss).

Now if the line has loss, and all real lines do, then you have to add a fourth variable, and the system becomes more complex. Instead of a constant SWR circle on the Smith Chart, now you have to follow a SWR spiral which approaches 1:1 as cable length tends toward infinity. The approach is asymptotic, and if cable loss is high, will quickly approach 1:1, but never quite reaches 1:1. If loss is low, the approach will be very gradual, and for moderate line lengths can be assumed to be a constant SWR circle.

(Incidently, this is a convienent way to measure line loss, just place a short or open at the load end of the cable and read the SWR at the source end, the closer to 1:1 it is, the higher the cable loss. There's a formula in the Handbook which will give you the exact loss in db for a given SWR and line length.)

For moderate lengths of good cable at HF (good cable, not RG-58), cable loss can be discounted and the SWR circle can be assumed nearly constant. At VHF+ however, even with good cables loss may become significant when the length exceeds several wavelengths and must be considered when analyzing line behavior.

This means that a low SWR is not necessarily a good thing. It can indicate a lossy system rather than indicating a good match. One way to differentiate is to look at the SWR curve over a band of frequencies. If it is broad and flat, the cable is probably lossy (or you have a dummy load for a termination). Real antennas are typically only close to design impedance over a narrow frequency range (typically less than 5% around the design frequency), so the SWR curve should quickly rise as it moves away from the center frequency of that range. Anyone who says he has a broad flat SWR is probably really telling you he has a pretty good dummy load for an antenna system.

(Note there are exceptions, antennas such as discones and log periodics present a near constant impedance over a large frequency excursion. But in general a low antenna system Q is indicative of low efficiency and high loss, IE the behavior of a dummy load.)

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

5845. Color identification

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: Pushkin <pushkin@hal-pc.org>
Message-ID: <3272DCB6.5C7B@hal-pc.org>
Source record: 214021

When I first became a ham some 40+ years ago, I didn't have to contend with the problem my teenager has to overcome.

He is interested in electronics and related electrical matters, but is hampered by an inability to distinguish red from green from brown. Technically, he has dichromatic vision (red/green color blindness).

This difficulty has caused more than a few sparks to fly, circiut boards to fry, and breakers to pop open. Color-coded components require him to seek the advice of others, who are not always intent on giving him accurate information (just for the fun of seeing what happens when his sabotaged efforts are powered up.)

I'm going to try some some tests with him shortly which will employ color filter gels to see if there is any benefit in that approach. If any of you similarly-affected folk out there have discovered reliable methods of color identification, I would appreciate your sharing your techniques with me so that I may work with my son to overcome this troubling obsticle.

Many thanks,

Al

5846. Special Event Station W2P

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: Larry Makoski <n2elw@worldnet.att.net>
Message-ID: <3272DD6F.4367@worldnet.att.net>
Source record: 214022

The Piscataway Amateur Radio Club will be running a special event station with the specially issued call W2P on Sunday October 27th until 24:00 UTC.

We are celebrating the 330th anniversary of the founding of the Township of Piscataway, NJ. The town was founded 16 years before Philadelphia; and is one of the 70 oldest towns in United States history.

Look for us in the HIGHER portion of the General class phone subbands to minimize interference with stations running in the CQWW.

73 de Larry N2ELW, PARC President

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| (_) | '---' | (_) |
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```

"There's only one Jeep!"

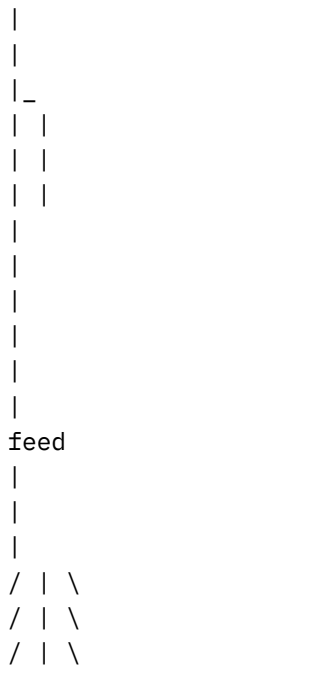
n2elw@worldnet.att.net

5847. Re: Seeking Ham radio info (antennas)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: altavoz <altavoz@worldnet.att.net>
Message-ID: <3272EA81.7AB5@worldnet.att.net>
Source record: 214023
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.antenna

me wrote:
>
> I'm looking for some information on some ideas for a 2 meter
> antenna. My call is N3XZX. I basically recieved a homebrewed antenna from a
> gentleman in Atlantic City. I liked the idea and tend to build a few
> myself. It's just a plain old ground plain antenna, The one i recieved was
> a quarter wave and i was wondering if there was any ideas and info for
> making the same type but creating a 5/8 wave.
> I heard for a 5/8 you need to have a top hat, is this true? Also any
> info on whether this 5/8 is a good antenna comparing it to the quarter waveN3XZX Chris

altavoz: No hat required for 5/8 w. A 5/8w is much better for vert'
omni directional than 1/4w . Same coil for 1/4w but tapped a little
different . Radials must be 180 degrees, straight down, with
"wiskers" (going down 1/4w from feed point, some 1/4w radials at
45 degree angle...they form a cone).
A hat on 5/8 w will effect the pattern , try it.
For more gain, put a hairpin (<1/4w shorted stub) on top of 5/8 then
another 5/8w vert on top of that . Or the whole ant' a 5/4w and a
colinear stub pointing down (open end down , at the 5/8 w point)
Coax up thru "tube" Radial system.



5848. Re: Importance of coax length on HF A myth?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: altavoz <altavoz@worldnet.att.net>
Message-ID: <3272E163.2385@worldnet.att.net>
Source record: 214024
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

> It's possible to use a cable with an impedance not
> equal to the characteristic impedance of your
> antenna and rig. For example, a half wave length
> of 75 ohm cable will work between a 50 ohm antenna
> and a 50 ohm transmitter. You can also use 75 ohm
> cable to match a 100 ohm antenna to a 50 ohm rig
> by cutting it to the right length. Unfortunately,
> these tricks generally only work at one frequency.
>
> In this case, the length of the cable is critical
> to a given frequency.
>
> Steve KT4FY

altavoz: No, a 50 ohm ant' feeding a 75ohm coax will
cause a SWR into coax and towards the radio and an exact
length of coax will not reduce the SWR except as
attenuation factor over that length.

_____End of text from altavoz__________

5849. FYI: Updated DX Reference Page

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: AC6V <ac6v@popd.ix.netcom.com>
Message-ID: <32725114.A55@popd.ix.netcom.com>
Source record: 214025

New on the DX Reference Page -- Links or Info To:
Upcoming and Past Dxpeditions, CW Op Aids, Gang-Busters CW Page, Spread Spectrum, Microwave, APRS, SAREX, Hisory of Radio, History of Defense Electronics (Radar & Avionics), Collins Radio Page, Telegraph Keys, Ham Exams and much more.

73
Rod in San Diego
--
AC6V DX Reference Page at: http://www.netcom.com/~ac6v/index.html

Hark for I have hurled my words to the far reaches of the earth!
What King of old could do thus??
..... AC6V

5850. Re: 6 Meter Info Wanted

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: Rick Perry <kg7a@wolfenet.com>
Message-ID: <327232ED.328D@wolfenet.com>
Source record: 214026

John Chubick wrote:
>
> I'm looking for 6 meter operators willing to share what they know about
> operating on 6 meters. QST's review of the MFJ 9406 6 meter transceiver.
> I live in Central Illinois and was wondering if I could easily talk to
> family in Western Iowa? It's roughly 320 miles. Would I need a
> directional antenna? The MFJ radio is rated at 10 W PEP.
>
> I'd love to hear from experienced 6 meter operators.

Hi John,

I have been on and off 6 meters since the 50's and its a strange band.
That's the attraction! But to your question, with 10 watts and an
average antenna I doubt very much you could talk that far. Even with
the band open (E skip)you you would probably shoot over that distance.
Now if you go to big power and large array (on both sides) you might be
able to do it on a regular. You might see what the repeater's on 6 are
upto. If high enough maybe they could help cover the distance you want
on FM. That's not really my area of knowledge.

73's Rick, KG7A

5851. Setting freq. on HTX-212

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: cygnus@frontiernet.net
Message-ID: <54tffb$d36@node2.frontiernet.net>
Source record: 214027
Cross-posted to: rec.radio.amateur,rec.radio.amateur.misc

I'm looking for a copy of the service manual for the 212, or if you have one, could you tell me the procedure for adjusting the transmit/recieve frequencies, or at least where the adjustment is located. Any help with this would be much appreciated, as I think my 212 must be more than 2500 Hz off frequency.

Thanks,
Brad.

5852. Re: Seeking Ham radio info (antennas)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: pschleck@oasis.novia.net
Message-ID: <54tltr$b3n@oasis.novia.net>
Source record: 214028
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.antenna

In <54t4is$drv@lily.redrose.net> jpoll@redrose.net (me) writes:

> I'm looking for some information on some ideas for a 2 meter
>antenna. My call is N3XZX. I basically recieved a homebrewed antenna from a
>gentleman in Atlantic City. I liked the idea and tend to build a few
>myself. It's just a plain old ground plain antenna, The one i recieved was
>a quarter wave and i was wondering if there was any ideas and info for
>making the same type but creating a 5/8 wave.
> I heard for a 5/8 you need to have a top hat, is this true? Also any
>info on whether this 5/8 is a good antenna comparing it to the quarter wave.
> Any info would be greatly appreciated!
> Thanks,
> N3XZX
> (Chris)

In addition to the excellent replies and suggestions that I'm sure
you'll get on this newsgroup, you may also wish to consult my Amateur
Radio Elmers Resource Directory:

http://www.novia.net/~pschleck/elmers/

There are a number of good antenna "Elmers" listed, accessible directly
from:

http://www.novia.net/~pschleck/elmers/antennas.html

--
73, Paul W. Schleck, KD3FU
pschleck@novia.net
http://www.novia.net/~pschleck/
Finger pschleck@novia.net for PGP Public Key

5853. Re: Importance of coax length on HF A myth?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: altavoz <altavoz@worldnet.att.net>
Message-ID: <3272DB52.4845@worldnet.att.net>
Source record: 214029
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Dave Hockaday wrote:
>
> James Pollock wrote:
> > I have a friend who swears up and down that the length of the
> > coaxial cable to maintain resonance at a given frequency is important
> > for reducing the SWR. He feels that it acts in a similar principal to
> > the fact that the elements of an antenna must be cut to the correct
> > length for the antenna to be resonant at a given frequency.
>
> Hi Jim. This is true if the feedline impedance is different than that of
> the antenna/transmitter. If you use 50 ohm feedline with a 50 ohm
> antenna/transmitter, any length is acceptable. If you substituted say, 75
> ohm feedline, you would need to cut the feedline in 1/2 wl multiples (the
> impedance is repeated every 1/2 wl).
>
> Dave Hockaday WB4IUY

altavoz: You dont need to cut in 1/2 wave multiples
since it wont change the SWR except thru a very small
increase due to decreasing attenuation over length.
H.F. has very low attenuation on RG8

5854. Re: Pro Code and No Code Debate

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: carl@ais.net
Message-ID: <54u30u$jbf@news.ais.net>
Source record: 214030

In <327446f3.9087566@news.gte.net>, brianb@gte.net (Brian A. Berard) writes:
>Hello All,
>I am a non Ham who's been a technichian for 23 years and I've been
>reading these threads for awhile now. I work for the FAA on
>Naviagational Aids, Communications, Arts/Radar Facilities etc....
>I own a Drake R-8 receiver and enjoy it immensely.
>Ive been wanting to get into HF for a long time as I get a great
>thrill from talking to people all over the world.
>I've tried the tapes and using a heath kit paddle keyer but somehow it
>just doesn't cut the mustard! --)) I really wish there was a tiny
>portion of a HF band where i could practice low power live time real
>code. I feel that this would help me tremedously to get up to speed. I
(snip)
>It's just that all my life I and many others want to be a Ham and
>assist others in times of need. Im not interested in VHF/UHF, 2 meters
>etc... I prefer HF privliges and the Code has been a big stopper for
>many of us out there. As far as the elimination of the code. Im not
>for this, ironic as it sounds. I would just like an environment that
>would allow me to practice it in a real world environment and make
>actual contact to get me and others past this barrier.

Brian,

The point that we no-code advocates are making and fighting for is that you and the thousands and thousands of technical professionals like you should not *have* to pass a code test ...

The theory and rules/regs writtent test is all that is relevant to today .. code is no longer relevant as a test requirment ... if you want to lear the code and use it, fine, but you should not be forced to use it nor barred from HF because you may have no interest in or natural ability for the code ...

Your observation that it's an old boy, keep-'em out mechanism is quite accurate ... we want to change that ... you might want to consider hanging around and participating in the discussions here for the purpose of exposing the pro-coders to your views ... it may not do any good, but at least you'll get a better feel for which side you wish to support in the comming battle for change and modernization ...

73,
Carl - wa6vse
carl@ais.net

5855. RE: to beep or not to beep

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: waterspout@juno.COM
Message-ID: <19961026.173940.9007.9.waterspout@juno.com>
Source record: 214031

>From: carl@ais.net (Carl Stevenson)
>Subject: to beep or not to beep
>First, I know and use proper o[erating proceedures on HF ... your
>implication that anyone who doesn't have interest in CW is a "CBer"
>and acts like one is absurd and insulting, not just to me, but to anyone

>with intelligence who doesn't give a damn o-about CW ... and there are
>LOTS of us ...

Interesting to hear the words "absurd" and "insulting" coming from your keyboard Carl... usually you only provide examples of the above. If, as you say, you know and use the proper proceedures on HF, your behaviour in this group certainly dosn't reflect it. Frankly, I don't care one "dit" whether you like CW or not, of more concern to me is your open hostility to those who do.

>Secondly, I am not a masochist ... I'd much rather work and get the
>rules changed than submit to your hazing ritual ...

I'm not sure I would call endless berating of this NG with your indolent tripe "work". Sounds a lot more like whining to me. Again, if you spent half that much effort working on the code, you could just forget about it and enjoy your HF privs. This is not my "hazing ritual", it is the FCC requirement. Has been since long before I was born. Get used to it and move on. Learning code is not that difficult.. 5 year olds have done it, deaf people have done it, should be a peice of cake for a self-proclaimed RF wizard like yourself. The only thing holding you back is your own "I want it now" attitude.

David J Brooks - KC5WNK
waterspout@juno.com
-+- -+-+ +++++ +-- -+ -+- +-+-+

5856. FS:NEW YAESU BATTERYS & SPEAKER MIC

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: John Lee <aw688@lafn.org>
Message-ID: <3272EE49.7656@lafn.org>
Source record: 214032

FS:NEW YAESU BATTERYS & SPEAKER MIC
ALL BATTERY IS MAKE BY YAESU

FNB-31 $ 30 +SHIP
FNB-38 $ 30 +SHIP
FNB-40 $ 30 +SHIP
FNB-41 $ 30 +SHIP

NEW YAESU SPEAKER MIC

MH-12 $ 20 + SHIP

5857. re: code or no code...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: markl@dove.net.au
Message-ID: <846308472mnewsmarkl@dove.net.au>
Source record: 214033

>
>
> Somebody, I don't know who, wrote:
>
> > >You might want to look at the statistics showing how the hams are
> > >getting older and older and there are not nearly enough young ones to
> > >enter the hobby. In Finland, the average ham age in the last 4 years has
> > >increased by 3 years.
>
> Sounds like the ham population is getting younger, not older. Seems to me
> most hams would age 4 years in a 4 year period, not 3. Maybe they put something
> in the water in Finland ?
>
> 73, Jim KH2D
>

It would only age 4 years in 4 years if (1) there are no new hams, or the the age of the hams is getting one year older every year. Either way, the hobby is ultimately doomed.

Look at it this way. In 40 years, the average age of amateurs would have increased by 30 years. If the average of amateurs is now 50, what will the average amateur be in 60 years - dead.

If any activity (not just amateur radio) is to survive long term, then the average age of the people involved in it must either be stable, or changing with the average of the general population.

Mark.

5858. Re: Vanity Callsign Update

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <54tpng$mdt@news.Hawaii.Edu>
Source record: 214034

terry murphy ab4vj <cq@postoffice.worldnet.att.net> wrote:
>The FCC information specialist said on Oct. 21, 1996 at 9:30EST:
>"It will be a least another week and a half to two weeks before any
>day one Gate 2 applications are issued callsigns. We are still entering
>those applications received on day one."

And I bet they'd be able to work a lot quicker if you thousands of
folks would quit calling them each week...

KH2PZ

5859. Re: MARS Mod for IC751

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <54tq4t$mq1@news.Hawaii.Edu>
Source record: 214035

This info is completely incorrect and will ruin your radio:

Joesph Fenn <jfenn@spartacus.hula.net> wrote:
>Okay heres the modification to Xmit on all fqcys for the IC751 (not the
>IC751A).
>Remove bottom cover of IC750/751. Locate J3/P29 on logic board (to rear
>of transceiver). Remove black wire from P-29, use a needle or pin to push
>connector out of plug. Then cover pin with small piece of heat shrink
>tubing. Verify that the black wire is connected to R52 as per schematic,
>Replace bottom cover and away you go. Xmit from 200Khz down to 30Mhc or
>thereabouts.....

This will cause grave overheating and result in a very expensive repair.

>Another mod on same rig to increase power output to 100 watts on 28Mhz.
>Remove bottom cover of IC750. Locate R21 on logic board. Either remove
>it entirely or simply cut this resistor out of the sicruit.
>Replace bottom cover.

This too will cause a great deal of damage. Shame on your Fenn for
attempting to post such a bad practical joke.

> KH6JF (aka kilroy)

KH2PZ

5860. Re: Vanity Calamity

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <54tqvn$n6v@news.Hawaii.Edu>
Source record: 214036

Duane Anderson <usnret@concentric.net> wrote:
>...they "used" to renew with address changes and upgrades is the keyword
>here. They stopped doing that about 2 years ago. Now renewals will
>happen every 10 years no matter what.

Well that's a lie. I did a change of address earlier this year and
they did a renewal at the same time.

KH2PZ

5861. Re: poor radio reception - solar flares? NCAR experts?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1Dzv09u.45o@netcom.com>
Source record: 214088
Cross-posted to: boulder.general,rec.radio.amateur.misc

In article <54roqqqpg1@csnews.cs.colorado.edu>,
Kelvin Fedrick <fedrick@anchor.cs.colorado.edu> wrote:
>In article <54p77k$12d@newsbf02.news.aol.com>, BLaw405 <blaw405@aol.com> wrote:
>>My radio reception and TV reception has degraded somewhat over the last
>>two weeks. This includes in the car and at home. Have there been any
>>significant celestial (or other) events to account for poorer than usual
>>reception?
>
>Not likely. We're at the solar minimum (of the 11 year solar cycle), and I
>read the other day in the local newsletter (I work at NOAA space environment
>center), that we've gone 40+(?) days without so much as a sunspot, breaking
>a record set quite a while back. I think I would have heard if a flare
>occured since it's my understanding that that would be fairly unusual for
>this time in the solar cycle.
>
>BTW, NCAR primarily does atmospheric research I believe, not solar research.
>
>-kelvin

I'm a HAM. Last night (10/24) 10 meter band was open for first time in weeks.
Could have been due to electromagnetic storm on sun. Don't know.

--
------------ Charles Copeland charles1@netcom.com --------------

5862. Re: 'Nother Pro-code Luddite

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: carl@ais.net
Message-ID: <54s14b$8n2@news.ais.net>
Source record: 214089
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In <DzunnH.F6C@twisto.eng.hou.compaq.com>, Monty Wilson <nospam@see.signature.part>
writes:
>carl@ais.net (Carl Stevenson) wrote:
>>...Now to compare CW to digital, that's apples/apples and digital will kick
>>ass on CW all day long ...
>
>That depends on what you're trying to do. In many areas, computer equipment
>is not available; in fact, some areas don't even have power systems that are
>stable enough to operate computers reliably. And when I'm driving in my car
>I'm lots safer behind the wheel with one hand on a set of paddles or a J-37
>than I would be trying to type on a keyboard and look at a computer screen.

I personally consider trying to operate CW and drive at the same time to
be irresponsible ... I would actually advocate that it be banned by law.
I feel that it is grossly unsafe ... voice is enough distraction ... CW
is too much ... (of course, I would feel the same way about keyboarding
while driving ...) Talking is "natural communication" and takes less
concentration than CW/keyboard ...

>
>Different modes for different applications. Besides, if you're into DX at
>all, you know that you "go where the DX is." That means if he's on AMTOR,
>you work AMTOR. If he's CW, you call him in CW. Etc.
>
>>You could also talk the cockpit voice, which is no analog AM
>
>Actually it is.
>
That was a typo "no" should have been "now" ... I clearly know that
aircraft comm is analog AM ...

Carl - wa6vse
carl@ais.net

5863. Re: Historical callsign database?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDzuwrr.B9s@netcom.com>
Source record: 214090

Andrew C Robertson (drewbob@mit.edu) wrote:
: Is there such a thing? Seems like a good idea to me, especially with the
: vanity call system. It'd be nice to be able to look up who held a certain
: call previously, see the history of a callsign, etc. Also, it would be fun
: to be able to see a particular person's complete ham history...a database
: with *all* previously held callsigns, rather than just those held in
: uninterrupted sequence. (For instance, my records show that I was
: previously N1QHF (briefly), but a historical database would also show
: that I was WB1AFX back in the late 70's, and that there was a license lapse.)

: Is there a database like this? Is anyone working on one? Probably too
: much work...

Not that I'm aware of, but it would be nice.

If you look at the callsign servers at UALR, QRZ! or Buckmaster, they give
the same info that's on the FCC database, as far as the *last* prior
callsign held.

For instance, if you look up KF6CR, you'll see that I was previously WA8RWL.
Problem is, if I change to an AC6xx callsign when I pass the Extra code, the
WA8RWL callsign will disappear. In other words, there is only one bucket on
their database for previous callsign.

73 de Jim - KF6CR

5864. Re: ���� ������ ��� �� ����...�� ��������...OK !!! ������

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: billn@PEAK.ORG
Message-ID: <54s6af$qt1@bashir.peak.org>
Source record: 214091
Cross-posted to: rec.radio.amateur.misc,rec.models.rockets

Donald West (dwwest1@ix.netcom.com) wrote:
: >
: >There just isn't much to do about it. If the scum was stupid enough to put
: >his real address on it, you might get results by forwarding the message to
: >postmaster@scumaddress.com or abuse@scumaddress.com.

: While they can certainly cover their true email address I don't
: believe they can cover their ISP address in the "Message ID" line of
: the header. So a full copy of the offensive post (header and all) sent
: to the "postmaster" or "root" at that address often gets action.

No, even that can be spoofed. About the only thing that cannot be
completely faked is the path. The innovative simply post through
an anonymous remailer or through an innocent site.

: P.S. If all else fails "cancel" the post.

Most ISPs do not allow random cancels. And justifiably so.
Cancelling a post that is not yours, can get you into all sorts of hot
water.

Bill

5865. Re: ���� ����� ��� �� ����...�� ������...OK !!! ����

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: "Thomas G. Mosher" <simu.tom@why.net>
Message-ID: <3271B4FD.22FE@why.net>
Source record: 214092
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.snowmobiles,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketplace.vinyl,rec.music.makers.guitar.acoustic,rec.music.dylan,rec.music.artists.kiss,rec.motorcycles.dirt,rec.models.rockets,rec.games.video.classic,rec.games.video.advocacy,rec.games.roguelike.nethack,rec.games.frp.misc,rec.crafts.textiles.quilting,rec.crafts.metalworking,rec.collecting.dolls,rec.collecting.coins,rec.boats.paddle,rec.boats,rec.bicycles.racing,rec.bicycles.misc,rec.autos.makers.honda,rec.arts.sf.movies,rec.arts.movies.past-films,rec.arts.marching.drumcorps,rec.arts.bodyart,rec.aquaria.marine.reefs,rec.antiques.radio+phono

One of these idiots (chain-letter) left enough information on their post
for me to find their web-page (and such a cute couple too). All I did
was say I knew their web-page and where they lived and was sending a
copy of their post and their locale to the local post-master. They
emailed me back and profusely apologized. It's amazing that people are
so idiotic to believe that chain letters will make them tons of money
and are perfectly legal.

As P.T. Barnum used to say...there's a sucker born every minute.
--
Thomas G. Mosher
simu.tom@why.net

5866. Best of Squiggie: On Ham Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <54sfum$9m9@lehi.kuentos.guam.net>
Source record: 214093
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

What Squiggie Thinks about Hams:

> a bunch of semi-senile olde fartz sitting around banging
> two pieces of brass together to make di di duh duh noises

> BFD ... so you've talked to ### countries with a radio ...

> Yeah, hanging out on 14.313 and screaming obscenties like an asshole
> really helps to keep one operationally sharp, all right ... so does
> seeing how badly you can stomp your competitiors int the dust in the
> contest of the weekend ... so does saying "What's your 10-10 number?"
> over and over and over again ... so does "UR 599 in ___ PSE QSL TNX
> <SK>"

> .. they're either choosing to ignore the facts, or simply too stupid to
> understand them ... I find a little of both from the pro-code side at
> times ...

> BULLSHIT, BULLSHIT, BULLSHIT! Ham radio is stuck in the 1950s or 1960s
> somewhere .....

> The arrogance of hams!

> average techno-ignorant pro-code fanatic will yell and scream

> The majority of today's hams are so far behind the power curve of
> technology that they'd have to study 3 nights a week for six months just
> to try to catch up ...

> about contests, >DXing, collecting "10-10 numbers" or any of the
> other inane, retarded "games" that idiots like you have convinced
> yourselves are "the reason" for ham radio's existence ...

73, Jim KH2D
Lenny and Squiggie (C) Troll 1996

5867. Best of Squiggie: On Personal Insults

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <54sg5n$9m9@lehi.kuentos.guam.net>
Source record: 214094
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

One day Squiggie said:

> Try looking in the mirror ... you and Steve the Troll and Mike D. adn
> Jim Conn are the ones who keep bringing the "Carl this" and "Carl that"
> stuff to the forefront and making personal insults.

So a Few Things Squiggie Says That Are NOT Personal Insults:

> Your asinine, ridiculous comments leave no doubt that you haven't a
> clue about modern communications technology ... I'm sure I have
> technicians in their mid 20s working for me who know far more than you

> Why don't you just go run a nice warm bath, climb in, and slit your
> wrists????

> ... as opposed to a cowering wimp who is too afraid to say "Why?"
> (like you)

> "Bullshit" is NOT an obscenity ... it is, perhaps, a "mild
> profanity" ... now asshole, that's a bit stronger, though still not an
> obscentity, but it clearly applies to you ...

> YOU lie virtually *every* time you post, you SOB ... you lie about at
> least one thing I've said in every post, not to mention all the
> falsehoods you glibly spread as if they were fact, just because you are
> stupid enough to believe them ...

> Because, you freaking idiot, ...

> No strawman, no FUD, you idiot ...

73, Jim KH2D
Lenny and Squiggie (C) Troll 1996

5868. Re: $$$LOSE MONEY FAST! BIG SCAM!$$$

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: Darren Abramson <dabramson@envirolink.org>
Message-ID: <846321355-0-13833@manatee.envirolink.org>
Source record: 214095
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.snowmobiles,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketplace.vinyl,rec.music.makers.guitar.acoustic,rec.music.dylan,rec.music.artists.kiss,rec.motorcycles.dirt,rec.models.rockets,rec.games.video.classic,rec.games.video.advocacy,rec.games.roguelike.nethack,rec.games.frp.misc,rec.crafts.textiles.quilting,rec.crafts.metalworking,rec.collecting.dolls,rec.collecting.coins,rec.boats.paddle,rec.boats,rec.bicycles.racing,rec.bicycles.misc,rec.autos.makers.honda,rec.arts.sf.movies,rec.arts.movies.past-films,rec.arts.marching.drumcorps,rec.arts.bodyart,rec.aquaria.marine.reefs,rec.antiques.radio+phono

I like that. That's a good laugh <ROFLMAOTD>. Can you post this to the hockey newsgroups (all of them)?! I would forward it, but my server doesn't allow me to forward messages to other ngs or "spam" messages. I think the internet newsreaders all need a good laugh ;)

-
Darren

D. Abramson
dabramson@envirolink.org

The Circus is coming! The Circus is coming!

Starring Big Country, Blue, and the head clown...

DENNIS RODMAN!!!!!

The Ice Capades are coming too...

5869. TS870S Mods

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: gbaron@usa.net
Message-ID: <3271e635.514358@news.deskmedia.com>
Source record: 214096

Are any mods out for the TS870S. I do not find it in any of the MODS databases I have seen.

[Posted with Agent .99f. For info, email agent-info@forteinc.com.]

5870. uk repeaters home page

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: cdalziel@aol.com
Message-ID: <54t0m1$b17@newsbf02.news.aol.com>
Source record: 214097

RMG-ON-LINE is the UK amateur repeaters home page and can be found at:
http://members.aol.com/rmgvet/rmg.htm

Maintained by Colin, GM8LBC

73
Colin

5871. Seeking Ham radio info (antennas)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: jpoll@redrose.net
Message-ID: <54t4is$drv@lily.redrose.net>
Source record: 214098
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.antenna

I'm looking for some information on some ideas for a 2 meter
antenna. My call is N3XZX. I basically recieved a homebrewed antenna from a
gentleman in Atlantic City. I liked the idea and tend to build a few
myself. It's just a plain old ground plain antenna, The one i recieved was
a quarter wave and i was wondering if there was any ideas and info for
making the same type but creating a 5/8 wave.
I heard for a 5/8 you need to have a top hat, is this true? Also any
info on whether this 5/8 is a good antenna comparing it to the quarter wave.
Any info would be greatly appreciated!
Thanks,
N3XZX
(Chris)

Please carbon copy responses to x32-viper_ck@juno.com so I don't miss
any good info

5872. What happened to the IPS reports?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: ppiercey@nlnet.nf.ca
Message-ID: <54rtrp$qud@coranto.ucs.mun.ca>
Source record: 214099

I was just wondering what happened to the IPS propagation reports from
Australia. I haven't seen any in a week or more.

==
Paul J. Piercey (VO1HE)
Agent - The Mutual Group

President - Society of Newfoundland Radio Amateurs

VO1HE@VO1AAA.#ENF.NF.CAN.NOAM
ppiercey@nlnet.nf.ca
==

5873. Re: Gate Two Day One ready?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: Chuck Hallett <liahona@execpc.com>
Message-ID: <3271F97D.53D@execpc.com>
Source record: 214100

Dave Booth wrote:
>
> Check my page for daily updated calls from the FCC!!!!
> http://www.geocities.com/Hollywood/5860/
>
> Thanks Dave Booth kc6wfs
>
> terry murphy ab4vj wrote:
> >
> > Thomas J. Alessi wrote:
> > >
> > > In <54bj1c$6ub@solaris.cc.vt.edu> jbmitch@vt.edu (John Mitchell) writes:
> > > >
> > > >Had a report from a ham who called FCC on Friday, 10-18. The word is that
> > > >day one callsigns will be mailed out on Monday,10-21. Still nothing on
> > > >the servers I monitor...
> > >
> > > Another false alarm. Day 30 and counting....
> > >
> > > Tom
> > The Word according to Glady's today at 3:30pm is:
> > "The Gate 2 Day 1 calls will be issued sometime next week"
> > 73 de ab4vj
> > hoping for W4TM

I've been watching (and waiting) this thread with interest for a couple
of weeks now; after getting up very early each morning and checking the
UALR site and seeing my same call listed.

What struck me this morning is that I haven't had this much anticipation
about ham radio since mid-July of 1965 after passing my novice exam and
watching my Elmer put it in the mailbox. Being twelve years old at the
time, I checked my mail daily until the license appeared in early
October with two weeks of my one year non-renewable licensing period
already expired. I think that kind of puts "instant gratification"
desires in perspective!

Chuck ai3o -> ???

5874. Re: Importance of coax length on HF A myth?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: tcs@cmcorp.com
Message-ID: <54tbgg$73v@newsie.dmc.com>
Source record: 214101
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Cecil Moore <Cecil_A_Moore@ccm.ch.intel.com> wrote:

>Joel Gamble wrote:
>> The ONLY time coax length makes a difference is when it is radiating
>> rf,thus it becomes an active part of the antenna,instead of the passive
>> conduit it is designed to be.

>Hi Joel, got to nitpick a tad.

>1. 100ft of RG-58 on 440MHz with an SWR of 1:1 and *no feedline radiation*
>does make a difference.

Your right, I'd much rather have 75 ohm 1" hardline WITH VSWR than 50
ohm RG-58 at 450 Mhz.

>2. 100ft of RG-58 on 28MHz with an SWR of 20:1 and *no feedline radiation*
>does make a difference.

Again I'd rather have 75 ohm cable TV hardline .5" than RG-58.
Cecil is right, the general rule is get what you can for the lowest
loss. Hgh VSWR adds a LOT of loss to an already losssy cable.

>73, Cecil, W6RCA, OOTC (not speaking for my employer)

Tom
WA1RHP
Net Elmer
I am my own employer!

5875. Re: Best of Squiggie: On Ham Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: carl@ais.net
Message-ID: <54th5i$94k@news.ais.net>
Source record: 214102
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <54sfum$9m9@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net (Jim Kehler) writes:
>What Squiggie Thinks about Hams:
>
>> a bunch of semi-senile olde fartz sitting around banging
>> two pieces of brass together to make di di duh duh noises
>
>> BFD ... so you've talked to ### countries with a radio ...
>
>> Yeah, hanging out on 14.313 and screaming obscenties like an asshole
>> really helps to keep one operationally sharp, all right ... so does
>> seeing how badly you can stomp your competitiors int the dust in the
>> contest of the weekend ... so does saying "What's your 10-10 number?"
>> over and over and over again ... so does "UR 599 in ___ PSE QSL TNX
>> <SK>"
>
>> .. they're either choosing to ignore the facts, or simply too stupid to
>> understand them ... I find a little of both from the pro-code side at
>> times ...
>
>> BULLSHIT, BULLSHIT, BULLSHIT! Ham radio is stuck in the 1950s or 1960s
>> somewhere .....
>
>> The arrogance of hams!
>
>> average techno-ignorant pro-code fanatic will yell and scream
>
>> The majority of today's hams are so far behind the power curve of
>> technology that they'd have to study 3 nights a week for six months just
>> to try to catch up ...
>
>> about contests, >DXing, collecting "10-10 numbers" or any of the
>> other inane, retarded "games" that idiots like you have convinced
>> yourselves are "the reason" for ham radio's existence ...
>
>73, Jim KH2D
>Lenny and Squiggie (C) Troll 1996
>

Jim,

How dare you try to attach YOUR copyright notice to quotes of MY
writings?

I am flattered, in a way, that you appreciate my comments about you so much that you save them, but you really can't claim them as your own, just because they're ABOUT you ...

One last thing ... they do lose a bit when taken out of context like this ... perhaps the next time you feel the urge to regurgitate them, you'll include enough of the pro-code drivel that prompted them that they can be taken in context instead of in isolation ...

Carl - wa6vse
carl@ais.net

5876. Re: ic-706

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: paz@world.std.com
Message-ID: <Dzw7ot.E08@world.std.com>
Source record: 214103
Cross-posted to: alt.radio.digital,alt.radio.scanner,rec.ham-radio,rec.ham-radio.packet,rec.ham-radio.swap,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.misc

Emiddio (pillo@rm.ats.it) wrote:
: I desire have news on contingent modifications for can increase the
: [efficenza dell] new ICOM 706

Too light for a boatanchor. Add a few bricks.
That's the main problem with all this newfangled equipment. Too light.
And too small, too! I believe they should charge by the pound for radio
equipment. Much more equitable.

5877. Re: ���� ����� ��� �� ����...�� ��������...OK !!! ����

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: "John Cheng <ay949@lafn.org>" <ay949@lafn.org>
Message-ID: <3271BC1B.5649@lafn.org>
Source record: 214104
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.snowmobiles,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketplace.vinyl,rec.music.makers.guitar.acoustic,rec.music.dylan,rec.music.artists.kiss,rec.motorcycles.dirt,rec.models.rockets,rec.games.video.classic,rec.games.video.advocacy,rec.games.roguelike.nethack,rec.games.frp.misc,rec.crafts.textiles.quilting,rec.crafts.metalworking,rec.collecting.dolls,rec.collecting.coins,rec.boats.paddle,rec.boats,rec.bicycles.racing,rec.bicycles.misc,rec.autos.makers.honda,rec.arts.sf.movies,rec.arts.movies.past-films,rec.arts.marching.drumcorps,rec.arts.bodyart,rec.aquaria.marine.reefs,rec.antiques.radio+phono

Thomas G. Mosher wrote:
>
> One of these idiots (chain-letter) left enough information on their post
> for me to find their web-page (and such a cute couple too). All I did
> was say I knew their web-page and where they lived and was sending a
> copy of their post and their locale to the local post-master. They
> emailed me back and profusely apologized. It's amazing that people are
> so idiotic to believe that chain letters will make them tons of money
> and are perfectly legal.
>
> As P.T. Barnum used to say...there's a sucker born every minute.
> --
> Thomas G. Mosher
> simu.tom@why.net

Then again, there is a Hacker born every minute.

"Thou art arrogant, mortal." "Thou must relearn thy lessons!"--More--
You feel foolish!

5878. Re: to beep or not to beep

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: carl@ais.net
Message-ID: <54s1ff$8n2@news.ais.net>
Source record: 214105

In <19961025.165726.7079.2.waterspout@juno.com>, waterspout@juno.COM (David J Brooks) writes:
>Here's a simple solution for anti-coders who want HF privs without
>learning the code. Go get yourself an 11m rig, no license needed. You can
>operate there to your heart's content on either AM of SSB with complete
>assurance that you'll never hear any old farts pounding the brass there.
>Heck, if you live near a big city you are almost certain to hear all
>sorts of digitized noises there... At any rate, it will sound more or
>less exactly the same as the Ham HF bands would if every anti-coder got
>their wish....
>
><STATIC BURST>Breaker One Nine, Carl, got your ears on?<MIKE
>SQUEAL><STATIC BURST>
>
>On the other hand, if you spent half as much time working on your code as
>you did whining about it you'd be on HF already...

David,

First, I know and use proper o[erating proceedures on HF ... your implication that anyone who doesn't have interest in CW is a "CBer" and acts like one is absurd and insulting, not just to me, but to anyone with intelligence who doesn't give a damn o-about CW ... and there are LOTS of us ...

Secondly, I am not a masochist ... I'd much rather work and get the rules changed than submit to your hazing ritual ...

Carl - wa6vse
carl@ais.net

5879. Pro Code and No Code Debate

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: brianb@gte.net
Message-ID: <327446f3.9087566@news.gte.net>
Source record: 214106

Hello All,
I am a non Ham who's been a technichian for 23 years and I've been reading these threads for awhile now. I work for the FAA on Naviagational Aids, Communications, Arts/Radar Facilities etc....
I own a Drake R-8 receiver and enjoy it immensely.
Ive been wanting to get into HF for a long time as I get a great thrill from talking to people all over the world.
I've tried the tapes and using a heath kit paddle keyer but somehow it just doesn't cut the mustard! --)) I really wish there was a tiny portion of a HF band where i could practice low power live time real code. I feel that this would help me tremedously to get up to speed. I think if I were able to do this that I would progress in no time to the point where I could take the tests required for my License. It's NOT the Technical questions that I have a hard time with, it is the Code. Which is why Im writing this post!
I was introduced to HAM many years ago by my Uncle whos very active till today. He is always professional in his contacts and conducts himself in that manner. That along with the thrill of it all began my interests in Ham Radio.
What happened to those days of Professional courtesys and attitudes? When a prospective newbie monitors these groups it sounds like a bunch of two year olds whom yield verbal assaults on one each other. Mindless threads and personal attacks. Not a fine Example to set. When I fire up my Drake to listen I hear every foul word thats been ever spoken!
I don't ever remember Ham Radio being like this before. Is this what Ham Radio has become? If so, it's future doesn't look too bright.
I really dont think it's that bad but those and you know who you are need to get your act together and start acting like professionals out there in what was once a Truely RESPECTED Hobby not just by Hams themselves but by the public who tune in Daily to the many frequencies in use.
Now getting back to the code issue. Perhaps if a certain small band of freqs could be set aside, many more like myself could practice code in a real world environment at a low power and we also could become Hams that contribute to this Service. I really would like to but Yes Im one whom hits this mental block. I think sometimes it's lack of motivation, other times Im just burnt out from all the technical stuff I work with all day long, but I do think that if I could just practice Live at a Low Power level and make some contacts that that would be the motivation to get me going to get past this mental block. I know from many fellow Techs that I work with that there would be many new quality Hams entering the service if we could just get past this.
However, it seems like there are many out there that oppose any

changes. They want the Good Ole Boy lets weed them out and keep the bands to ourself concept and are unwilling to give in on this.
I myself wish nothing for free. I like many others just need some help so that we too can become part of the Radio Ham Service.
I know from reading here that many will flame me! Oh well Go for it!--))
It's just that all my life I and many others want to be a Ham and assist others in times of need. Im not interested in VHF/UHF, 2 meters etc... I prefer HF privliges and the Code has been a big stopper for many of us out there. As far as the elimination of the code. Im not for this, ironic as it sounds. I would just like an environment that would allow me to practice it in a real world environment and make actual contact to get me and others past this barrier. I get excited just thinking about making contacts via CW.
Well these are just a few of my thoughts for whatever they are worth after reading the many posts here.
Some of yous out there seem to really have your act together technically and otherwise and thats why I still read your posts! They are enjoyable!
For you others that attack other people, insult down to a very personal level and practice your foul mouths you are a Sad Reflection on the Ham Radio Service!
Sincerly,
Brian
PS Flame killer turned on!--))

Life is what you make of it. So GO for it!

brianb@gte.net

5880. Re: shall we adopt the standard USENET advertising policy?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-26 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDzuwD0.ApM@netcom.com>
Source record: 214107

Rich & Katy Mulvey (mulveyr@ll.aa2ys.ampr.org) wrote:

: Sure, and we'll end up with even less of a signal-to-noise
: ratio than we have now. It can *ONLY* get worse as we get more
: and more neophyte USENET readers who don't bother to learn even
: the basics of what is expected on USENET.

Well, it *has* been a few months since we had this flamewar. <sigh>

: No, you send a copy of it to posters who violate the convention.
: Yes, they may receive a few hundred, or more copies. That's known as
: a "learning experience." The rational poster will then realize that
: there are social conventions that should be observed in USENET,
: just as in face-to-face conversations.

And they will ignore you. This is nothing new; there is a fairly low S/N on
most of the newsgroups that I read.

: the burden of weeding the chaff out on the innocent reader, instead of
: the entirely reasonable expectation that people who post will do so with
: a modicum of intelligence as to the newsgroup subject. If I go to a lecture
: about microwave construction techniques, I have a reasonable expectation
: that the speaker will discuss stripline techniques when I get there. If
: he starts discussing flower arranging, the audience has every right
: to boo him off the stage until he gets a clue. Is it so unreasonable
: to expect the same, here? Especially when we have the equivalent of
: the flower-arranging class next door, in rec.radio.swap?

I don't have any trouble identifying the posts. The subject line usually
has a tag, such as FS: or WTB: If I'm not interested in that particular
piece of equipment, I don't read about it.

Here's an idea:

Accept, as a given, that neither you nor any of the Usenet purists are
going to halt this practice. After all, we've been here before, and the
posts that offend some so greatly, are still here.

Consider renaming rec.radio.swap to rec.radio.amateur.swap, since hams are
the majority population there. Make the charter fairly broad, to include
virtually *anything* that hams might buy, sell or trade, including, but not
limited to test equipment, receivers, transmitters, transceivers, tubes,
parts, etc.

-or-

Consider creating the properly named newsgroup, rec.radio.amateur.swap.

73 de Jim - KF6CR

5881. Database for DX'peditions

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: Chito Kintanar <ck@mnl.sequel.net>
Message-ID: <846427867.30044@dejanews.com>
Source record: 213958

Any info on DX'pedition Databases dating back 30 yrs ago
greatly appreciated... Is there anyone who can help?

This article was posted to Usenet via the Posting Service at Deja News:
http://www.dejanews.com/ [Search, Post, and Read Usenet News!]

5882. Re: Best of Squiggie: On Ham Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: carl@ais.net
Message-ID: <5501oc$snb@news.ais.net>
Source record: 213959
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In <54vh5m$nbo@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net (Jim Kehler) writes:
>
>Oh, exuse me. I didn't realize that within the context of a discussion,
>saying, for example, hams are "a bunch of semi-senile olde fartz sitting around
>banging two pieces of brass together to make di di duh duh noises" meant
>anything different within the context of that discussion than it did in
>'isolation'. Are you trying to cover your tracks by saying that you are
>justified in all you criticisms of ham radio because someone else said something
>first that 'made you do it' ?

NO, I'm not trying tom make excuses ... but it would be more fair to
show things in context ... some of the snippets you reposted are fairly
"stand-alone" others are more appropriate with context ... that's all.

>I think a regular monthly 'Best of Squggie'
>posting will be very beneficial to those people who just don't have the time to
>read everything you write. Maybe if you get to see it all at once, it may even
>calm you down a bit, who knows......

You can make an ass of yourself by reposting other people's comments if
you wish ... that's your perogative and you exercise is regularly ...

If you insist on reposting me, I think it's only reasonable to demand
that your use my name instead of your ridiculous nicknames ...

Carl - wa6vse
carl@ais.net

5883. Re: Jim Conn's OUTRAGEOUS pro-code agenda finally revealed

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: carl@ais.net
Message-ID: <550287$snb@news.ais.net>
Source record: 213960
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In <54vm14$4l6@anomaly.ideamation.com>, kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:
>In article <54mkjn$ku9@news.ais.net>, Carl Stevenson <carl@ais.net> wrote:
>(Jimm Conn said:)
>>>Sorry, Carl, but your claim doesn't hold water. The morse test serves as
>>>a very nice filter to restrict to a reasonable number those who have
>>>access to HF.
>>(Carl said:)
>>OK, now we're getting to reality ... YOU don't want more people on
>>"YOUR" HF bands (they might get too crowded for your antiquated
>>methods), so you want to mantain a "filter" to "keep newcomers out"
>>THAT IS PROBABLY THE FIRST HONEST STATEMENT YOU'VE MADE IN THIS ENTIRE
>>DEBATE!!
>
>How does an examination that any "newcomer" can take, pass, and receive
>privileges as a result "keep" people out? Seems that its a requirement,
>you either do it or don't, and you either get the privs associated
>with it or not.

It "keeps out" anyone who doesn't want to learn/use Morse code. This is ridiculous and unwarranted. As for it being a requirement, that is a vestige of a byegone day that desparately needs to be removed. ANd the privs are NOT associated with CW ... the privs are more PHONE privs .. to CW is COMPLETELY irrelevant and it is, JUST A "FILTER" to KEEP PEOPLE OUT ... and those prople are ALL people who are otherwise interested in ham radio, but not in the code ... that is grossly unfair and needs to be rectified to fit with today's world.

You also omit Conn's blatherings about how it "is government's obligation to limit access to HF so all the would-be American hams don't trash the bands for foreigners" ... why do you choose to omit some of the more blatantly absurd parts of Conn's blatherings and attempt to defend the less obviously absurd parts (when taken in isolation, they may be less obviously absurd, that is)???

Carl - wa6vse
carl@ais.net

5884. Satellite Receiver for sale !!!!!!!!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: newsat@ix.netcom.com
Message-ID: <5501n3$m30@dfw-ixnews11.ix.netcom.com>
Source record: 213961

Toshiba TRX 80 Receiver/IRD with VC2+ descrambler $275.00
VC2+ descrambler $150.00

I have other stuff for sale, actuator, lnb, feedhorn also.

Thanks

E-mail inquiries please.

5885. portable repeater

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: mahler@usl.edu
Message-ID: <550346$5vo@rouge.usl.edu>
Source record: 213962

I know that at least one company makes a kit to tie two 'regular' hts or mobiles together to make a temporary repeater. Its just a vox, IDer, and PTT. I've seen a flyer from at least one company, but can locate it now.

If you know a URL / email address / telephone number for a company that makes a kit like this please email mahler@usl.edu .... thanks!

... Steve KF5VH

5886. Re: to beep or not to beep

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: carl@ais.net
Message-ID: <5504qq$snb@news.ais.net>
Source record: 213963

In <19961026.173940.9007.9.waterspout@juno.com>, waterspout@juno.COM (David J Brooks) writes:
>
>Interesting to hear the words "absurd" and "insulting" coming from your
>keyboard Carl... usually you only provide examples of the above. If, as
>you say, you know and use the proper proceedures on HF, your behaviour
>in this group certainly dosn't reflect it.

Why, because I refuse to continue to eat shit at the pro-code trough?
I know how to behave on the air .. this is not "on the air" it's the
internet, and it's acceptable to argue, even vigorously, here ...

>Frankly, I don't care one
>"dit" whether you like CW or not, of more concern to me is your open
>hostility to those who do.

TRY TO UNDERSTAND THIS WITH AN OPEN MIND IF THAT IS POSSIBLE FOR YOU >>>
THIS IS *MOST* SINCERE AND HONEST >>>
I'm NOT hostile to those who like CW ... I'm hostile to those who insist
on craming it down EVERYONE's throats and telling them they're lazy,
good-for-nothing, not-worth-to-call-themselves-hams if they don't lap it
up and say "more, please, more" ...

This comes from two decades of having a bunch of holier-than-thou
assholes and jerks, many of whom don't even know Ohm's law or how to
build an oscillator or how to use an oscilloscope or spectrum analyzer
or how to solder properly, look down their noses at me and other
technical professionals who have made significant contributions to the
radio art far beyond current ham technology and having them tell us
"You're no good because you don't do code" and being artificially and
unfairly locked out of the HF bands by these same backward, bigoted
views ...

>>Secondly, I am not a masochist ... I'd much rather work and get the
>>rules changed than submit to your hazing ritual ...
>
>I'm not sure I would call endless berating of this NG with your indolent
>tripe "work".

The work is in organizing people and opinion to get the rules changed
.. don't delude yourself into thinking that what you see here is all
that's going on ... and the comments are far more in favor of what I
say than against ... and e-mail is 10:1 in favor ... the bulk of
negative here comes from about 5 people who say the same crap over and
over and over again ... but of the newcomers, it's mostly favorable ...

>Again, if you spent
>half that much effort working on the code, you could just forget about it
>and enjoy your HF privs.

Ah, yes, the old "just knuckle under and get it over with" plea ...
again, I'd rather get the rules changed to be more modern and reasonable
..

>This is not my "hazing ritual", it is the FCC
>requirement. Has been since long before I was born. Get used to it and
>move on.

Yes, it's long-since outdated ... time to change it ...

>The only thing holding you back is your own "I want it now" attitude.

No, the only thing holding me and others back is a set of ridiculous,
outdated, backward, counter-productive rules that need to be changed.

Carl - wa6vse
carl@ais.net

5887. Re: Pro Code and No Code Debate

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <54ue71$j7f@lehi.kuentos.guam.net>
Source record: 213964

brianb@gte.net (Brian A. Berard) wrote:

> I really wish there was a tiny
>portion of a HF band where i could practice low power live time real
>code. I feel that this would help me tremedously to get up to speed. I
>think if I were able to do this that I would progress in no time to
>the point where I could take the tests required for my License. It's
>NOT the Technical questions that I have a hard time with, it is the
>Code. Which is why Im writing this post!

There is. With a novice license, you are allowed to practice code on
several HF bands, in the novice portion of those bands.

>I fire up my Drake to listen I hear every foul word thats been ever
>spoken!
>I don't ever remember Ham Radio being like this before. Is this what
>Ham Radio has become?

Pay close attention to the call signs of the stations you hear on HF using
all this foul language. I don't think it's a refection of what the hobby has
become, I think it's a reflection of what the society in the country they live
in has become.

73, Jim KH2D

5888. Re: New Web Site!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: george carpenter <gmccd@ix.netcom.com>
Message-ID: <01bbc42c$81efc480$898d5dcf@default>
Source record: 213965
Cross-posted to: rec.radio.amateur.misc,alt.freemasonry

Try the sites in my signature file. also http://members.tripod.com/~becca6/
there are some links to freemasonry that I enjoy

george

--

"Character" is what you do in the dark
http://members.tripod.com/~cydoc/
Cyber Doctor- Your one stop for all your computer prescriptions
http://freedomstarr.slctnet.com/?CA4198661
"For the best business OPPORTUNITY going"
TRY THIS FOR THE LEAD OF A LIFE TIME
http://www.gldb.com/?DEB98661
** Web_Design_and_Promotion carp5@ix.netcom.com
** INTERNET-BUSINESS

5889. RTTY Contest

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: ke7gh@primenet.com
Message-ID: <5505va$k1k@nnrp1.news.primenet.com>
Source record: 213966

```
----------
From: Brian K. Short[SMTP:ke7gh@primenet.com]
Sent: Sunday, October 27, 1996 5:15 PM
To: 'BitBucket'
Subject: FW: New RTTY Contest Reflector

rtty-contest-request@nclife.com is the subscription for the replacement/new
RTTY contest reflector. Subscribe as shown below...

----------
From: Brian K. Short[SMTP:ke7gh@primenet.com]
Sent: Thursday, October 24, 1996 2:42 PM
To: 'rtty-contest-request@nclife.com'

join rtty-contest
```

5890. What business thinks of hams

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3273ADB2.292F@ccsnet.com>
Source record: 213967
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

From:

Dennis A. Mason
damason@uswc.uswest.com

(I agree with every word, but he was too mild-Burt K1OIK).

You ham radio ops are a bunch of cheap skates. You're always trying to screw us commercial dealers out of a radio or repeater for some stupid project of your own. Most of your repeaters are all closed and are absolutely worthless for emergency use. You all claim to be such a big help in emergencies. WELL YOU'RE NOT!!! Hams can't and don't contribute anything to disaster relief any more.

All you do is whine and moan about how much a piece od commercial equipment costs. Well that isn't entirely true. You do go to hamfests and whine and moan to vendors about how much their equipment costs as well. You idiots have absolutely no idea what goes into the design production and marketing of any piece of gear, commercial or not. I truely feel sorry for any poor bastard that relies on making a living from
you cheap SOB's.

Why not give us legitimate commercial interests your VHF, UHF and SHF spectrum so that we can do something useful for mankind instead of letting
a bunch of retired has beens have access to billions of dollars of spectrum for nothing more than comparing prostate troubles during the day
when the rest of humanity is doing something useful... like working for a
living.

I'm sure to get some flame mail over this so I might as well make it good... You guys are worse than CBers. All you do is bitch about code requirements and how hard the tests are to get a license. Well I got news
for you. You hams should be relegated to about 400 KHZ of spectrum in the 20 meter band. It should be allocated into 40 distinct channels 10 KHX apart. Maximum power 5 watts ERP. All testing and call signs should be revoked and every 18 wheeler should have a mass production, $50 20 meter ham rig installed. Then I suppose you all could bitch about paying
a whole $50 to whoever is desperate enough to get into that market.

73zzzzz good buddies>>>

--
#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#================#===#
|This message was posted from home k1oik@ccsnet.com |
#===#
If you try to milk too much, you won't get a drop
Samantha Fisher

5891. Truth in contesting on a TEST weekend

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3273AF8C.1802@ccsnet.com>
Source record: 213968
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

From: KI7FK@KI7AE.#SEOR.OR.USA.NOAM
To : ALL@USA

CONTESTING... It seems the bands are filled with the sounds of "CQ CONTEST"
almost every weekend these days. I guess I wouldn't mind so much if there
was some room left for those of us who do not have an interest in the
"You are 59, Good Luck in the Contest" aspect of Ham Radio. Anymore,
the voice is a digital recording and you are only talking to a machine in
many cases. I have heard many over-seas stations complaining about the
"noise" generated by US stations when contesting is going on. I can only
imagine what it must sound like at times. And most importantly, are
Contests ever suspended when a disaster strikes so EMERGENCY communications
can be passed? I have yet to see that happen, and I have heard it has caused
problems in the past. Let's be fair to everyone and leave some of the
spectrum open for other uses as well during contests.

On the same subject, I wonder if CONESTING meets any of the five
fundamental purposes of the Amateur Radio Service as described by the FCC in
Section 97.1 of the Amateur Radio Service rules. These "purposes" are why
the Amateur Radio Service exists at all;

(a) Recognition and enhancement of the value of the amateur service to the
public as a voluntary non-commercial communications service, particularly
with respect to providing emergency communications.

< It can cause problems for Emergency Communications. >

(b) Continuation and extension of the amateur's proven ability to
contribute to the advancement of the radio art.

< What are the contributions from Contesting? >

(c) Encouragement and improvement of the amateur radio service through
rules which provide for advancing skills in both communications and

technical
phases of the art.

< Contesting has no connection here that I see. >

(d) Expansion of the existing reservoir within the amateur radio
service
of trained operators, technicians and electronic experts.

< Nope... >

(e) Continuation and extension of the amateur's unique ability to
enhance
international goodwill.

< Contesting causes more discontent than goodwill from what I am
hearing.
I don't see where "international goodwill" is served by "you're 59"
>

I admit that there are many Hams that get a lot of enjoyment from Contesting and I have no problem with that, but Contesting also lessens the enjoyment of the hobby for others. It just seems to me more could be done by those sponsoring the Contests to compromise with those that do not share the same interest. We need to share the spectrum at all times so that all Hams have an opportunity to enjoy and grow in this exciting hobby.

TNX es 73.... Greg
--
#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#================#===#
|This message was posted from home k1oik@ccsnet.com |
#===#
If you try to milk too much, you won't get a drop
Samantha Fisher

5892. The error of his ways

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3273AE5B.514D@ccsnet.com>
Source record: 213969
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Here is what other hams say about me:
Burt

Its obvious to me this guy (smartass) never read any of your posts
on alt.support.divorce. Just like a ham to shoot his mouth off
without having any of the facts.

Burt, I want to say keep up the good work. These "hams" need to
be shaken up as frankly, most of them are losers. I do not call
myself a "ham", I am a radio experimenter. I got my amateur radio
license to allow myself access to radio frequencies.

BTW, my wife (of 8 years) really enjoys your posts making fun of
ham operators. At one time I was involved with the "social" side
of ham radio... so she has seen some of the things you mention.
She was able to reform me and show me the error of my ways.
You should start a comic strip.... lets call it "Hambert".
(Model it after Dilbert to a degree) I'd bet money you could
get one of the ham rags to run it.... or maybe on a web site?

Best Regards,

Name withheld

--
#===============#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#===============#===#
|This message was posted from home k1oik@ccsnet.com |
#===#
If you try to milk too much, you won't get a drop
Samantha Fisher

5893. Re: Q: No Code - Know Everything Else

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: n4jvp@ix.netcom.com
Message-ID: <32737ba8.886879@nntp.netcruiser>
Source record: 213970

On 23 Oct 1996 23:09:37 GMT, carl@ais.net (Carl Stevenson) wrote:

>
>A "long long time ago" when you were first licensed as a novice and
>tubes were still the way things were built for the most part, the CW
>requirement was a lot more relevant than it is today. Today's
>technology is different ... just as tubes are passe, so is the Morse
>code ... both are irrelevant in today's world of VLSI integration,
>digital signal processing, computers, and the internet ...
>

Well Carl, judging from your call I would assume that you received your ticket a few years before I received mine, some time in the mid-to-late sixties perhaps? VLSI integration, DSP etc. were all in the future. Computers were around but there is little comparision between the IBM Call-360 OS and DOS. There were intranets but these were primarially government and defense contractor oriented. And as you say CW was a lot more relevant.

Whether your first ticket was a novice or a technician, the requirement still included a 5 wpm send and receive test. Solid copy was required too. Many spent the year of their novice license on 2 mtr AM never attempting to improve their code skills on the HF segments. When the year was up, the many of the ones that studied the general class theory became technicians while for the rest CB beckoned.

Since CW was more relevant what was yout excuse then? It certainly wasn't outdated then. Was it just too much work to put forth the effort then?

73 de n4jvp/4
Fritz

5894. Ham radio rules

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3273AEF9.78EC@ccsnet.com>
Source record: 213971
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.ploicy

Ham operator Jokes:

1. What is the thinnest book in the world?
What hams know about women.

2. How does a ham take a bubble bath?
He eats beans for dinner.

3. What's a ham's idea of foreplay?
A half hour of contesting.

4. How can you tell if a ham is sexually excited?
If he's still breathing.

5. How many hams does it take to change a roll of toilet paper?
We don't know...it has never happened.

6. What's a ham's idea of helping with the housework?
Lifting his leg so you can vacuum.

7. What does a ham consider a seven course meal?
A hot dog and a six pack of beer.

--
#===============#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#===============#===#
|This message was posted from home k1oik@ccsnet.com |
#===#
If you try to milk too much, you won't get a drop
Samantha Fisher

5895. RACES, for the tin GODS

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3273AFC1.580A@ccsnet.com>
Source record: 213972
Cross-posted to: rec.radio.amateur.misc,ec.radio.amateur.policy

From: WF2R@WA2YSM
To: RACES@NEBBS
Subject: Is it really necessary?

There has been much discussion about ARES/RACES etc on the packet system. One message "crows" about the quality of volunteers in California, another "cackles" about a dispute between RACES and ARES members in TEXAS.To all these people whom are looking to carve their niche in amateur radio by participing in so called emergency communications: you are wasting your time. Emergency communications is already provided by many other groups, including the american red cross. Yes, the ARC was granted use of 220-223 MC by the FCC for their emergency communications use. Their attorney who petitioned the FCC is also the ARRL General Counsel in WASHINGTON DC. Most of the members belonging to these groups ARES/RACES are bored, lonely people with no social ties, the remainder are CONTROL FREAKS, people that want to do ONLY THEIR WAY. Just read the packet messages that come out of California regarding this topic, and judge for yourself. If you are new to this hobby, and somehow you have been corralled into this "we have to provide emergency communications syndrome" you can easily bail out now and avoid agruments, personality clashes etc. Just tell the group leader you are out, you will be better off in the long run.

--
#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#================#===#
|This message was posted from home k1oik@ccsnet.com |
#===#
If you try to milk too much, you won't get a drop
Samantha Fisher

5896. How to tell oif you are a good ham.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3273AF43.174E@ccsnet.com>
Source record: 213973
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

You are a Ham Radio Operator if...

... when you're at a restaurant and the waitress asks you if you would
like a refill of your drink and you say, "Q-AS-AL".
.. when you overhear two secretaries from your department talking about
you
in the ladies' room because the vents are connected to the men's room
and you
approach one of them and say, "I couldn't help but overhear your
'traffic'."
... you're doing your day job as a DJ of a 100,000 watt FM commercial
radio station and at the top of the hour you say something along the
line's of "The best music of yesterday and tomorrow, KB8GYS
Cincinnati."
...you get into auto accidents while passing through new parts of the
country
looking to see what kinds of antennas people have on top of their
houses.
... your XYL, who is still 130 lb. and tremendously attractive comes
to you in a hot pink, topless teddy and starts nibbling on your
shoulder and you tell her to hang on for a minute because you're
just about to make that contact with East Molohavnia.
... when your club's repeater and the TV station that you work for
are in the same building and are damaged by a hurricaine and you
go up and fix the repeater BEFORE you fix the television station.

This joke was sent by John, KB8GYS

--
#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#================#===#
|This message was posted from home k1oik@ccsnet.com |
#===#
If you try to milk too much, you won't get a drop
Samantha Fisher

5897. The final debate on CW.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3273B008.107A@ccsnet.com>
Source record: 213974
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

WHAT IS C W

* It is a unique,intimate,concise and effective communications skill still
employed throughout the world.

* It is the most efficient mode in terms of power required for long-distance communication ,least susecptible to interference,and conserving of
the radio frequency spectrum.

* It involves no accent or pronunciation problems,therefore providing a widely understood international language.

* It employs simpler,more reliable and easily maintained equipment than any
other communications mode.

* It is an equalizer,negating age,speech impediments and dialectical differences;it provides for ready acceptance of youngsters in an adult enviornment.

* It is the ONLY radio communications mode that is understood readily by both man and machine.

--
#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
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If you try to milk too much, you won't get a drop
Samantha Fisher

5898. Re: Q: No Code - Know Everything Else

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: carl@ais.net
Message-ID: <5503mc$snb@news.ais.net>
Source record: 213975

In <32737ba8.886879@nntp.netcruiser>, n4jvp@ix.netcom.com (A.G. von Luternow) writes:
>
>Well Carl, judging from your call I would assume that you received
>your ticket a few years before I received mine, some time in the
>mid-to-late sixties perhaps?

I was first licensed in 1975 ...

>
>Whether your first ticket was a novice or a technician, the
>requirement still included a 5 wpm send and receive test. Solid copy
>was required too. Many spent the year of their novice license on 2 mtr
>AM never attempting to improve their code skills on the HF segments.
>When the year was up, the many of the ones that studied the general
>class theory became technicians while for the rest CB beckoned.

I moved radpidly from Novice to Technician (full general theory at the
FCC office) ... because I was employed at the time in the design of VHF
marine radio gear and was involved with a bunch of VHF/UHF hams in
building repeaters etc ... I them moved on to packet radio and
satellite.

I have worked HF to the limits of my license and for two years that I
lived in Mexico, enjoyed full HF privs as XE2/WA6VSE ... SSB was fun,
but I didn't have a chance to do any of the development work I want ot
do on HF then because I was living and cruising on a 42' sailboat and
didn't have room for lab and test equipment ...

>Since CW was more relevant what was yout excuse then?

I didn't say CW was more relevant when I first became a ham ... you came
across as such an olde farte that I thought you were from the 20s ...

>It certainly wasn't outdated then.

In my view it was ...

>Was it just too much work to put forth the effort then?

Don't try to equate "I've got better things to do with my time than
learn Morse code." with "I'm lazy." That is a typical pro-code tactic
.. tell everyone that they're too lazy and don't deserve anything, just
because they're not interested in the code ... that's hogwash ...
noarrow-minded, bigoted, hogwash ...

If the priveleges gained by passing faster Morse tests had ANYTHING to
do with the code, it would be one thing ... but they don't ... faster
code speed gets you more phone privs ... makes NO sense ... it's just a

mechanism to keep out people who don't agree with the olde fartz ...
nothing more ...

And THAT hurts ham radio ...

Carl - wa6vse
carl@ais.net

5899. Re: TDD codes

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: eplatt@wco.com
Message-ID: <3273b89a.11580979@news.wco.com>
Source record: 213976

I did that a long time ago.. You have to set at 300 baud, and 7-E-1, if I recall correctly.. You might even need 110 baud. But from what I remember, the TDD had to answer, and they had to hit the space bar a few times, to 'connect'. And it only worked on a crappy modem, so I don't think it will work on newer modems, unless someone has developed a software.
Remember: A modem has to CONNECT, via a result code or 'handshaking'. TDD's just start talking. Plus, TDD's only 'talk' when they type. Call a TDD, you can tell how slow someone types: "beeeep" (pause) beeep beeep beep (pause), where a modem is constant noise.
Good luck, let me know wheat happens.

wmunsil@aztec.asu.edu (WILLIAM W MUNSIL) wrote:

>
>Does anyone know the codes for TDD - teletype devices for the deaf?
>Is it standard ASCII or some other code? What speed do they use?
>73 es Tnx.
>I would like to use my modem on the phone with deaf friends.
>--
>I only check this account on weekends.
>For faster service, use my juno account.
>Bil Munsil n7aou@juno.com

5900. mD'@1dVTnUItzHOT TECHNOLOGIES AND FREE STUFFBEv8q_CE<gV"

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: terry@modesty.com
Message-ID: <a1b7cc$d2b1c.8c@nntphost.bbsi.net>
Source record: 213977

The Men's Club - http://www.mens-club.com/
- Hot Technologies
- FREE Stuff
- Exclusive Products
- Health Resources
- Image and Graphics Libraries
Men and Women 18+ Are Welcome!

5901. Re: ·ÂýÂ ÏÚ□Â□ ÎÒÛ □Ï ÂÓ□¯...¯□ È□¯ýÏÈÌ...OK !!! □□¯ý□

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: Jan Pearce <jpearce@bright.net>
Message-ID: <54v55g$7bb@cletus.bright.net>
Source record: 213978
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.snowmobiles,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketplace.vinyl,rec.music.makers.guitar.acoustic,rec.music.dylan,rec.music.artists.kiss,rec.motorcycles.dirt,rec.models.rockets,rec.games.video.classic,rec.games.video.advocacy,rec.games.roguelike.nethack,rec.games.frp.misc,rec.crafts.textiles.quilt

Valerie Shertzman <scvval1@earthlink.net> writes:
> I saw this posted a few days ago on rec.sports.triathlon and there
> wasn't one comment. If you notice that address is no longer on this
> post. I wonder how many aliases and snail mail addresses this jerk
> has to collect money from people who can't see this for what it is.
>
> I also thought that most carriers have rules against this. Lets put
> an end to this before it spreads like the disease it is.

5902. Re: ·ÂýÂ ÏÚ□Â□ ÎÒÛ □Ï ÂÓ□¯...¯□ È□¯ýÏÈÌ...OK !!! □□¯ý□

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: Jan Pearce <jpearce@bright.net>
Message-ID: <54v582$7bb@cletus.bright.net>
Source record: 213979
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.snowmobiles,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketplace.vinyl,rec.music.makers.guitar.acoustic,rec.music.dylan,rec.music.artists.kiss,rec.motorcycles.dirt,rec.models.rockets,rec.games.video.classic,rec.games.video.advocacy,rec.games.roguelike.nethack,rec.games.frp.misc,rec.crafts.textiles.quilt

Valerie Shertzman <scvval1@earthlink.net> writes:
> I saw this posted a few days ago on rec.sports.triathlon and there
> wasn't one comment. If you notice that address is no longer on this
> post. I wonder how many aliases and snail mail addresses this jerk
> has to collect money from people who can't see this for what it is.
>
> I also thought that most carriers have rules against this. Lets put
> an end to this before it spreads like the disease it is.
post this

5903. Re: Importance of coax length on HF A myth?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: altavoz <altavoz@worldnet.att.net>
Message-ID: <3273E2B5.148E@worldnet.att.net>
Source record: 213980
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Cecil Moore wrote:
>
> Joel Gamble wrote:
> > The ONLY time coax length makes a difference is when it is radiating
> > rf,thus it becomes an active part of the antenna,instead of the passive
> > conduit it is designed to be.
>
> Hi Joel, got to nitpick a tad.
>
> 1. 100ft of RG-58 on 440MHz with an SWR of 1:1 and *no feedline radiation*
> does make a difference.

altavoz: I get 271 "1/4 wavelengths" and that makes it an ODD multiple
of 1/4w and therefore it will radiate cause the open end of the coax
will see a short on the outside end of the coax at the radio end.
.66 VF RG58 , assuming a high SWR at load and 1:1 at radio.

> 2. 100ft of RG-58 on 28MHz with an SWR of 20:1 and *no feedline radiation*
> does make a difference.

altavoz: The diff we're talking of is trimming the line and in your
case trimming the line will increase the RF (feedline radiation)
on the outside of the coax By pulling down the Z seen on the outside
by the antenna . Trimming 1/4w will peak the FEEDLINE RADIATION.

> 73, Cecil, W6RCA, OOTC (not speaking for my employer)

--

_____End of text from altavoz__________

5904. FS: Yaesu FT-51RH Dual-Bander HT

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: craigivey@aol.com
Message-ID: <550mc4$jqk@newsbf02.news.aol.com>
Source record: 213981

For sale:

Yaesu FT-51R-HP Dual-Band HT
2-meters/70-cm
5 watts on each band

Good to Excelent condition. Comes with FNB-38 NiCad battery, wall charger, rubber ducky antenna, belt clip, manual, and schematic. LOADED with features. Less than 12 hours of use.

$450.00 (includes shipping)

CraigIvey@aol.com
KC5UMA

http://users.aol.com/craigivey/homepage.html
http://www2.apple.com/whymac/
http://www.evangelist.macaddict.com/

E-mail checked once daily at ~0100 UTC.

Do you believe in Macintosh? Join "EvangeList," for good news about Apple, Macintosh, and its third-party developers. To subscribe, email to: <listproc@solutions.apple.com> and in the body: Subscribe Macway <Your Name>

5905. Re: Jim Conn's OUTRAGEOUS pro-code agenda finally revealed

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <550l16$4uf@anomaly.ideamation.com>
Source record: 213982
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <550287$snb@news.ais.net>, Carl Stevenson <carl@ais.net> wrote:

>>How does an examination that any "newcomer" can take, pass, and receive
>>privileges as a result "keep" people out? Seems that its a requirement,
>>you either do it or don't, and you either get the privs associated
>>with it or not.
>
>It "keeps out" anyone who doesn't want to learn/use Morse code. This is
>ridiculous and unwarranted. As for it being a requirement, that is a
>vestige of a byegone day that desparately needs to be removed. ANd the
>privs are NOT associated with CW ... the privs are more PHONE privs
>.. to CW is COMPLETELY irrelevant and it is, JUST A "FILTER" to KEEP
>PEOPLE OUT ... and those prople are ALL people who are otherwise
>interested in ham radio, but not in the code ... that is grossly unfair
>and needs to be rectified to fit with today's world.

Many times people have to do things which appear to be irrelevant.
When I wanted to drive a car, I had to take a 15-hour driving class.
I learned such exciting things as hand signals. But, I still had to
take the class.

Just this weekend I had to suffer through a 10-hour Hunter Safety
Class to get my hunting license. Despite being a Certified NRA
Pistol/Rifle/Shotgun instructor, I had to sit through the class.
99% of it was firearm safety that I use on a daily basis. But, I
still had to do it.

What is "relevant" to you, Carl, is not necessary relevant to the
rest of the amateur population, and vice versa. CW continues to be
a highly-used mode on HF. It is still used by numerous foreign
amateur stations for communication. To promote international
goodwill, one must be proficient in CW to work these foreign ops.
Thus, the test is relevant in that respect.

Unfortunately, our testing system in imprecise. We grant globs of
operating privs for passing small, condensed tests. In an ideal world,
if you want to work SSB you should be tested on SSB only and receive
SSB privs only if you pass. This is the "mode-based testing" I have
endorsed numerous times again and again. Unfortunately, as radically
opposed to CW as you are, there are others equally-opposed to a
mode-based testing scheme.

>You also omit Conn's blatherings about how it "is government's
>obligation to limit access to HF so all the would-be American hams don't
>trash the bands for foreigners" ... why do you choose to omit some of

>the more blatantly absurd parts of Conn's blatherings and attempt to
>defend the less obviously absurd parts (when taken in isolation, they
>may be less obviously absurd, that is)???

They were irrelevant to the point at hand I was making.

There is some truth to Conn's statement. Many foreign stations (indeed, the local club I am Vice President of has foreign operators as members) view american stations as uncooth and unsophisticated. They look down on Americans in the same light you look down on contesters.

Now, back to Conn's statement. First, I must digress for a moment...

In any "civilized" society, there are set rules for societal interaction. [By rules I don't necessarily mean rules & regs that the FCC is setting, just standards by which we conduct ourselves with one another.] This is applicable in amateur radio as well.

Normally, as an infant you observe the behaviour of your parents and siblings to draw a basis for how you should act. As you mature that group from which you draw upon expands.

In Amateur Radio, we had a similar mechanism in place. It was known as the Elmering process. New hams would have elmers that would work with them to help them get their first license and get on the air. The elmer was a crucial part of the new ham's "societal development", because the elmer helped provide the new ham with guidelines for interaction with others.

As we've seen over the past decade, the "decade of greed / decade of self-indulgance" in the 80's gave us a generation of people who are into "instant gratification". Their focus is "me", and "I want it now". [Being a product of the 80's during which I spent my early adulthood, I too suffer from the same mindset to some degree, I must admit.]

Amateur radio responded in several ways. Primarily we made it easier for them to get ham licenses by creating the VE system, creating the codeless license, and now the electronic filing system for licenses. None of these advancements in of themselves are evil, but they merely create an environment which fosters potential problems.

Today's amateur has no elmer. He picks up a book at Radio Shack, takes the codeless tech test a few weeks later, and in a couple of days has his license via the Internet. Now he's on the air, with absolutely no guidance or "elmer" to help him/her to adapt to the amateur radio world.

When this happens in the animal world (parents dying off before the children are fully developed emotionally) you end up with a bunch of unruly, unkempt adults. They had no basis for behavioural guidence.

I don't think that you will disagree that HF is a different animal than VHF. The rules are somewhat different for that societal interaction.

Now, if you unleash 170,000 codeless techs on HF without giving them the proper guidence, then yes, you will have effectively unleashed what appears to be 170,000 unruly amateurs onto HF.

That, I feel, is a legitimate concern for people who use HF. It is especially important because unleashing people on HF might have an increased negative impact on our stature in the eyes of other nations. As such, the eventual implementation of codeless HF access must be done so tactfully to prevent these types of problems from occuring.

Thus, Conn's statement has some merit.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

5906. Re: to beep or not to beep

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <550lb1$4vc@anomaly.ideamation.com>
Source record: 213983

Yep folks, another entry for the Count The Carl Quips Contest:

In article <5504qq$snb@news.ais.net>, Carl Stevenson <carl@ais.net> wrote:

>TRY TO UNDERSTAND THIS WITH AN OPEN MIND IF THAT IS POSSIBLE FOR YOU >>>

Personal Insult #1

>This comes from two decades of having a bunch of holier-than-thou
>assholes and jerks,

Generic Amateur Community Insult #2

>unfairly locked out of the HF bands by these same backward, bigoted
>views ...

Generic Amateur Community Insult #3

>say than against ... and e-mail is 10:1 in favor ... the bulk of

More mysterious "e-mail". Probably a cron task that Carl has set up
to send himself messages.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

5907. Re: Pro Code and No Code Debate

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: Alan Schoberg <schoberg@rrnet.com>
Message-ID: <550nna$7ba@news.rrnet.com>
Source record: 213984

pacrimgolf@kuentos.guam.net (Jim Kehler) wrote:
>brianb@gte.net (Brian A. Berard) wrote:
>
>> I really wish there was a tiny
>>portion of a HF band where i could practice low power live time real
>>code. I feel that this would help me tremedously to get up to speed. I
>>think if I were able to do this that I would progress in no time to
>>the point where I could take the tests required for my License. It's
>>NOT the Technical questions that I have a hard time with, it is the
>>Code. Which is why Im writing this post!
>
>There is. With a novice license, you are allowed to practice code on
>several HF bands, in the novice portion of those bands.
>
>73, Jim KH2D
>
>
Jim is correct. You must also realize that CW is workable on ANY ham band! With a reasonable setup on VHF/UHF you can work stations for 50 miles around (more or less of course). Of course you can beg/borrow/steal (theft is *not* recommended) a receiver and copy W1AW and a host of other stations without transmitting at all. Sending code is much easier than receiving, so practice receiving! Good luck, Al WQ0J

5908. Re: Pro Code and No Code Debate

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: Bernie Skoch <BSkoch@postoffice.worldnet.att.net>
Message-ID: <54ued2$d12@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 213985

brianb@gte.net (Brian A. Berard) wrote:
> I really wish there was a tiny
>portion of a HF band where i could practice low power live time real
>code.
>What happened to those days of Professional courtesys and attitudes?
>When a prospective newbie monitors these groups it sounds like a bunch
>of two year olds whom yield verbal assaults on one each other.
>Mindless threads and personal attacks.
>I really dont think it's that bad but those and you know who you are
>need to get your act together and start acting like professionals out
>there in what was once a Truely RESPECTED Hobby not just by Hams
>themselves but by the public who tune in Daily to the many frequencies
>in use.
>
>For you others that attack other people, insult down to a very
>personal level and practice your foul mouths you are a Sad Reflection
>on the Ham Radio Service!
>Sincerly,
>Brian
Brian,
I echo the comment someone else made regarding your desire for a
slice of spectrum; there is such a portion of HF--it's called the Novice
bands.
There are some who say they can't learn the code. I can't judge them,
but I happen to believe darned near anyone can learn it (my 15, 14 and 10
year-old sons have their Tech+ license and are almost to General). You
can too, I'll bet! Get your Novice license (an extremely easy theory and
rules test, and a simple 5 wpm morse code test) and you can get on the
air and have great fun. And you're right, your speed will go up as you
operate more and more.
My opinion (and I know there are many who disagree) is that the code
is a reasonable test that just about anyone can master if they
want to. And I like having some sort of "filter" that makes people
work for the privilege of operating on the public airwaves. In a strange
way, I wouldn't mind if the test would be completely irrelevant to
current radio practices, so long as it was something people had to work
for. Some argue CW is no longer relevant; that's okay with me. The
theory tests have gotten so very easy (all of the questions are leglly
published) that it doesn't take much to memorize the offered answers.
I apologize for my ham radio mates here who are rude and insulting. I
agree with your assesment of their behavior. It's an embarassment to the
hobby. Regardless of which side of any issue they might be on, I believe
as you suggest that they bring discredit to the hobby when they are
vulgar and downright nasty to one another. Please don't judge the state

of the hobby by their behavior. Most hams I've met are very nice people who are similarly offended.
Interestingly, I find the most politeness on CW. Maybe it's because folks talk in "code" and are so brief. But whatever the reason, I think you might like it. Ham radio is a reflection of society (more or less), so you'll find good eggs and bad alike here.
If you live in Hawaii, I'll be gald to help you get a license. If you live elsewhere, you might be able to get the name of a ham radio club from the ARRL, or your local Radio Shack just might know a ham or two who could help you.
Let us know how we can help you.
73,
Bernie Skoch, NH6I
Honolulu

5909. Attic 2 metr beam

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: Raymond Roberts <kb8tpw@earthlink.net>
Message-ID: <32740713.47A0@earthlink.net>
Source record: 213986

I just bought a house where antenna installation outside is forbidden.
the attic apperars to be large enough to put a small beam. Anyone out
in radio land wiyth this expereince? Sold my 10 ele 2 meter beam today
so need to kbnow what to plan on when I move next month. Thanks ! Email
at kb8tpw@earthlink.net or post here. Also have a GAP DX Challenger
2-160 meter verticle that has to go !!! Let me know if interested.

5910. The QSO breakout

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3273AEB1.33FC@ccsnet.com>
Source record: 213987
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

I download the following of a RTTY System 64 BBS-K1OIK:

HERE IS A STUDY DONE ON THE +TYPICAL+ HAM QSO. A LITTLE BACKGROUND INFO
FOLLOWS. THE STUDY WAS CONDUCTED BY TWO HAMS THAT MONITORED AND TAPE
RECORDED HAM QSO'S AT VARIOUS TIMES OF THE DAY, 24 HOURS A DAY 7 DAYS A
WEEK FOR 3 MONTHS.

THE TABLE OF PERCENTAGES OF QSO TIME SPENT DISCUSSING SELECTED TOPICS -

1) DISCUSSIONS RELATED DIRECTLY TO
AMATEUR RADIO:

A. WAVE PROPAGATION - 2 PERCENT
B. THEORY/TROUBLE SHOOTING - 3 PERCENT
C. ARRL/MARS/CD/CLUBS - 5 PERCENT
D. SPECIAL UHF/OSCAR/SSTV - 7 PERCENT
E. HOME-BREW - 4 PERCENT
F. COMMERCIAL EQUIP - 6 PERCENT
G. RULES AND REGS - 5 PERCENT
H. PROBLEMS TVI/QRN/QRM ETC - 5 PERCENT
I. GENERAL SIGNAL REPORTS - 12 PERCENT

2) DISCUSSION NOT RELATING DIRECTLY TO AMATEUR RADIO:

A. FAMILY ACTIVITIES - 4 PERCENT
B. HEALTH/ILLNESS 1 PERCENT
C. CURRENT EVENTS - 5 PERCENT
D. PERSONAL INTEREST - 5 PERCENT
E. REAL/PERSONAL PROPERTY - 3 PERCENT
F. GEOGRAPHY/WX - 6 PERCENT
G. PUBLIC FIGURES - 3 PERCENT
H. GREETINGS/FAREWELLS - 19 PERCENT

PERCENTAGE OF QSOS RELATING DIRECTLY
TO AMATEUR RADIO - 49 PERCENT

PERCENTAGE OF QSOS NOT RELATING
DIRECTLY TO AMATEUR RADIO - 46 PERCENT

UNCLASSIFIED - 5 PERCENT

A EXAMINATION OF THE TABLE INDICATES A GOOD BALANCE BETWEEN THE AMOUNT
OF TIME SPENT DISCUSSING AMATEUR RADIO TOPICS AND THE TIME DEVOTED TO
NON AMATEUR RADIO SUBJECTS.

INTERESTING TO NOTE THAT THE HIGHEST PERCENTAGES ARE FOR
GREETINGS/FAREWELLS AND GENERAL SIGNAL REPORTS. (HI HI)

```
#===============#=====================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | If you sit on the fence, it is a pain in the butt|
#===============#=====================================================#
|This message was posted from home k1oik@ccsnet.com |
#=================================================================#
```
If you try to milk too much, you won't get a drop
Samantha Fisher

5911. Re: 'Nother Pro-code Luddite

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: wmunsil@aztec.asu.edu
Message-ID: <550r2u$92n@news.asu.edu>
Source record: 213988

WOW! I'm sorry I asked.
--
I only check this account on weekends.
For faster service, use my juno account.
Bil Munsil n7aou@juno.com

5912. Re: Q: No Code - Know Everything Else

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: adell@planet.net
Message-ID: <MPG.cdd62b1869263019896a6@news.planet.net>
Source record: 213989

In article <5503mc$snb@news.ais.net>, carl@ais.net
says...
> I moved radpidly

RAPIDLY still trying to figure what rad pidly means

from Novice to Technician (full general theory at the
> FCC office) ... because I was employed at the time in the design of VHF
> marine radio gear and was involved with a bunch of VHF/UHF hams in
> building repeaters etc ... I them moved on to packet radio and
> satellite.
>
> I have worked HF to the limits of my license and for two years that I
> lived in Mexico, enjoyed full HF privs as XE2/WA6VSE ... SSB was fun,
> but I didn't have a chance to do any of the development work I want ot

gess Carl TO TEE OH that's not a hard word to spell
is it???
>
> Don't try to equate "I've got better things to do with my time than
> learn Morse code." with "I'm lazy." That is a typical pro-code tactic
> .. tell everyone that they're too lazy and don't deserve anything, just
> because they're not interested in the code ... that's hogwash ...
> noarrow
NARROW No ARROW means that your quiver is empty,
you've shot your last bolt....

-
>
> If the priveleges

PRIVILEDGES you'd never pass faster code anyway,
you'd make tooooooo many spelling mistakes

>
> And THAT hurts ham radio ...
>

so does insulting everyone like you do

> Carl - wa6vse
KING of TROLLS PRINCE of FEEBS

> carl@ais.net
>
>
>

>
>

--
Steve - KF2TI (Advanced Class & Damned Proud of IT!)
ARRL LIFE MEMBER

No Code or Know Code...Who Cares??

How can you be in Two Places at Once When You're
Not Anywhere at All??

5913. Help w/ TH-78A

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: William R Liporace <kb2hun@wizvax.wizvax.net>
Message-ID: <Pine.LNX.3.91.961027150656.10646C-100000@wizvax.wizvax.net>
Source record: 213990

I have a TH-78A with a tuning knob problem on the 440 side. The squelch is fine but the tuning part does not work. Any ideas, help or suggestions would be helpful.
TNX Will KB2HUN

William Liporace KB2HUN kb2hun@wizvax.net
763 Huntingdon Drive KB2HUN @ K2TR (yccc packet cluster)
Niskayuna, NY 12309 KB2HUN @ WA2PVV (NEDA)
518-346-3804 home 518-471-2837 work

5914. Re: 'Nother Pro-code Luddite

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: Rick Perry <kg7a@wolfenet.com>
Message-ID: <32744054.C11@wolfenet.com>
Source record: 213991

Carl Stevenson wrote:
>
> In <326E4221.3D46@gte.net>, Jim Conn <jconn@gte.net> writes:
> >Gary Newberry wrote:
> >>
> >> On 22 Oct 1996 21:11:28 GMT, carl@ais.net (Carl Stevenson) wrote:
> >>
> >> :>In <54f3vd$dq1@news.asu.edu>, wmunsil@aztec.asu.edu (WILLIAM W MUNSIL) writes:
> >> :>>
> >> :>>What IS a Luddite, anyway?
> >> :>
> >>
> >> I believe the actual term 'Luddite' stems from a group of British
> >> textile trade unionists (named Luddites) who in the early 1800's
> >> destroyed some textile machinery in the belief that it would put them
> >> out of work and also in the belief that they could stop progress. It
> >> seems quite appropriate for the Pro-Code group.
> >>
> >>
> >The term "Luddite" cannot legitimately be applied to pro-code supporters,
>
> Sure it can ...
>
> >as we do not advocate stopping progress of any kind, especially
> >technical.
>
> Baloney ... you insist on clinging to outdated, antiquated methods and
> vigorously resist change towards more modern methods ...if that's not
> "stopping progress" what is?
>
> >The morse code testing issue is not technological.
>
> Not in the strictest sense, but you're just trying to cloud the issue.
> Morse code testing IS holding back progress in ham radio by keeping out
> more technically-inclined individuals who have no use for
> turn-of-the-century, nostalgia methods ... and the advocates of
> continued Morse testing are, for the most part, the same ones who
> vigorously reject and oppose the introduction of more modern methods
> like the various digital, spread spectrum, and similat techniques ...
> out of ignorance, fear, and a lack of ability to appreciate the
> necessity for modernization ... yup LUDDITES ...
>
> >Morse code
> >is not a technology, but a communications mode.

>
> And an antiquated one at that ... but you pro-code Luddites insist on
> maintaining it as a licensing requirement, despite the fact that
> everybody ... outside of ham radio ... has abandoned its use in foavor
> of more modern, more efficient technologies ... yup LUDDITES ...
>
> >The bogus notion that morse testing is holding back
> >progress in technology is patently ridiculous.
>
> No, it's patently TRUE, but the assertion that maintaining Morse testing
> is necessary and desirable in today's world flies in the face of reality
> and labels you and your co-advocates as modern-day LUDDITES ...
>
> Carl - wa6vse
> carl@ais.net

Have you listened to the ham bands at all!! NOT MUCH DIGITAL when compared to CW and SSB. Your saying all the really technically minded are Techs? Come on, digital is boring (been there)and has not enjoyed the great success you seem to think it will to date. I guess the generals and above are not quite as bright as you are and need to be instructed on how to enjoy these modes. Well instruct me--- how I can I enjoy something that offers me no challenge.

Rick KG7A

5915. Hams and Emergency Services

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: waterspout@juno.COM
Message-ID: <19961027.170533.6967.4.waterspout@juno.com>
Source record: 213992

Thus sayeth Burt:

> Most of your repeaters are all closed and are
> absolutely worthless for emergency use. You all claim to be such a
>big help in emergencies. WELL YOU'RE NOT!!! Hams can't and don't
>contribute anything to disaster relief any more.

Interesting viewpoit Burt... I wonder how you manage to reconcile this opinion with the following:

<begin forwared message>

FEMA to FCC: No Sharing of 2 Meters and 70 CM

The Federal Emergency Management Agency better known as FEMA is saying no to sharing or reallocating the 2 meters and 70 centimeter ham bands to Low Earth Orbiting Satellites. In a letter to the FCC task force currently evaluating new spectrum for use by LEO satellites, FEMA Manager Paul
Reed, tells the committee that his agency opposes any such change.

Reed says that Amateur Radio operators have a history of supporting state and local government emergency operations by providing needed communications. He says that many local communities served by ham radio have extremely limited resources and would be without any form of back-up communications without Amateur Radio.

Reed says that FEMA has been in contact with its state and local emergency management partners across the nation. That it is their belief that authorizing access to the mobile satellite service in the 2 meter and 70 centimeter bands will seriously degrade the ability of these groups to
support their public service requirements.

The FEMA Manager ends his letter by strongly urging the FCC task force to remove both of these ham bands from any further consideration as a new home for Low Earth Orbiting Satellites. He says to leave them for use by ham radio and its emergency service partners, nationwide.

-Amateur Radio Newsline

National Weather Service and Ham Radio

If you're a ham interested in using your skills and equipment during emergencies, you may get a request for help from the federal government. The National Weather Service wants to make more use of hams.

Amateur radio communications was one of the topics at a mid-September Weather Service Conference in Salt Lake City, Utah. Among those invited to speak was Newsline's David Black, KB4KCH.

These are times of big changes for the National Weather Service. The agency is undergoing what's called modernization. Some offices are closing, while others assume more responsibility. Offices which used to issue weather warnings for roughly a dozen counties may have to cover more than twice that number under the new plans.

At Salt Lake City, meteorologists from eight western states discuss establishing and strengthening amateur radio communications networks. Paul Flatt, KC7OVO, is a Weather Service warning coordination meteorologist.

"In Tucson, Arizona, we started the year with about 40 ham radio operators as Skywarn spotters. I think we are up to 75 or 80 at this point in time. I would like to see that grow higher, to put an upper number on
it, I couldn't really do that. To cover the area so the entire portion of where I'm at, southeastern Arizona, has some ham radio operators somewhere nearby." KC7OVO

The Conference addresses issues including how to establish spotter groups, frequencies and resources available, and the various types of emergency communications groups including RACES and the Amateur Radio Emergency Service. Rich Douglas is the Conference organizer.

"We could do a lot more and hope to do a lot more and are trying to plan to do a lot more with amateur radio. I would say three or four years ago we did not take advantage of this wonderful opportunity. Now we are trying to organize ham radio networks. Working with our offices, each of the 24
offices, for about two or three years most of our offices have installed radio equipment. Our Regional Director, Dr Tom Byer supports this program. Ans he not only says he does, he does with his budget. He makes sacrifices in his budget to make sure we start gettin' some equipment." Douglas

Concern is expressed over the ability of hams to provide emergency communications services if their frequencies are invaded by commercial users. Several meteorologists say they will write letters opposing possible allocations to a commercial satellite service said to be considering the 2 meter and 440 MHZ amateur bands.

Conference attendees learn about amateur equipment and radio systems, packet and amateur televison. Even with Doppler radar and other high tech equipment, hams are needed to help confirm conditions forecasters often
suspect but have no proof exist. Again, Rich Douglas:

"First of all, they're very dedicated people. We have found they are among the most reliable group that we can count on. And of course the advantage of instant communications by way of a radio." Douglas

The Weather Service continues to install amateur radio equipment in various offices, as the agency moves ahead with plans to make more use of ham radio in serving the public.

Skywarn storm spotting isn't the only amateur service that forecasters learned about during the Conference. Attention also focused on using ham radio for backup communications when normal circuits fail. That's exactly what happened in early September when Hurricane Fran knocked out phone
lines to Weather Service offices in North Carolina.

-Amateur Radio Newsline

<end forwarded message>

Apparently both FEMA and the NWS disagree with you Burt. They'd like to see even more participation by hams. Here in the Houston area the EOC, the local NWS office, and the Red Cross are all calling for more assistance from hams, not less. One can only hope that the next disaster to strike Cape Cod will help you see a glimpse of reality.

David J Brooks - KC5WNK
waterspout@juno.com
-+- -+-+ +++++ +-- -+ -+- +-+-+

5916. World's Most Important Web Site & Fax On Demand!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: solution1@earthlink.NET
Message-ID: <199610280759.XAA22511@sweden.it.earthlink.net>
Source record: 213993

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If you would like more information please reply by email.

The company that we received this list from has told us that you may have a interest in this offering. If this is not true please accept our apology. You will not be contacted again (unless you respond to our offering) and your address is going to be deleted from our files. Thank you!

5917. Ohio/Penn DX Bulletin #276

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: kb8nw@barf80.nshore.org
Message-ID: <$opdx.276.1996@ampr.org>
Source record: 213994
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.dx,rec.radio.info

SB DX @ WW $OPDX.276
Ohio/Penn DX Bulletin No. 276

The Ohio/Penn Dx PacketCluster
DX Bulletin No. 276
BID: $OPDX.276
October 28, 1996
Editor Tedd Mirgliotta, KB8NW
Provided by BARF-80 BBS Cleveland, Ohio
Online at 216-237-8208 14400/9600/2400/1200/300 8/N/1

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, N4AA & QRZ DX, K8VJG, KF0UI, 9M2/G3NOM, DL2HEB, DL5EBE, EA3BHK, F6AJA, G4BUE & DX News Sheet, JA1HGY, JA1UT, ON4AG, OZ5AAH and VE3JLP following DX information.

5T5, MAURITANIA. JA1UT and a group of operators are scheduled to visit "Republique Islamique de Mauritanie" for a week beginning November 6th. This is in support of the "Save Africa" aid project in cooperation with the drivers of the famous "Paris-Dakar Motor Rally". SSTV operation is planned in addition to the usual modes. This may be a "first time" from 5T5???. Participating members will be JA1UT, JA1UPA, and JR0CGJ. QSLs to be handled by JA1UT.

9M8, EAST MALAYSIA (Attention 160 meters operator!). The DX News Sheet (DXNS) reports Shin, JA2SWJ, will be active November 2-3th as 9M8HIM on 1824 kHz with 500W.

C5, THE GAMBIA. A few weeks ago, OPDX mentioned that Gary, C53HG had left the The Gambia for Namibia. Paul, VE3JLP, (DX Editor, The Canadian Amateur) wrote to OPDX and that states we may begin to see a lack of activity from C5 now. Paul reports, "My daughter, who taught at the Gambia College of Agriculture at Brikama 18 months ago, tells me that the science teacher there, who occasionally put the college station, C53GCA, on the air has now moved on to a new job and this station is likely, from now on, to be gathering dust! By the way, the college station is the one I briefly put on the air in Februaury, 1995, it was installed by a group of VE1s a year or two before. I don't THINK there are any other resident staions in C5, so it may soon become a pretty rare DX." OPDX has found that C53HN still continues to be active briefly and mainly on CW. Last spot listed on the Ohio/Penn Network was October 21st at 1842z on 14020 kHz.

FH, MAYOTTE. Denise, F6HWU, will be active as FH/F6HWU from November 9-27th. She will be operating mostly CW on all bands, and there may be

some activity on RTTY.

FR/T, TROMELIN. FR5ZU/T was heard this past week on 15 meters (21215 kHz around 1545z). His length of stay is unknown at this time. QSL via FR5ZU.

INDIAN OCEAN DXPEDITION UPDATE. Xavier, EA3BHK, reports the papers sent by Jon, EA2KL, and Luis, EA3ELM, by mail to 3B8 became lost. They sent a fax two weeks ago but they must now wait for their 3B8 licenses until next week. About their 3B9 operation, there is very bad news, at the present time there is no chance for a 3B9 license. On Reunion Island, they will use the CEPT license as announced. You can read about this DXpdetion on the WEB page: http://www.ctv.es/USERS/ea3bhk/dx/indic.htm

KH4, MIDWAY ISLAND. Next weekend look for Ron, W7VWR, to be be active probably as KH4/W7VWR from November 3-10th. Activity on CW will be 25 kHz up from bottom of the band edge and SSB operations on 3800, 7188, 14195, 18130 and 21295 kHz. QSL to CBA.

KH0, MARIANA ISLANDS. Nao, JA1HGY, and others will stay on Saipan from October 31st to November 3rd for vacation, and will be active on all bands. Look for KH0/JA4DND's to be active on 1911 kHz +/- (QSX 1824 for DX, 3799 kHz (SSB mainly), 7007 or 7044, 10 MHz and up on the usauly DX frequencies. QSL via JA4DND home call direct or via the bureau. Also, look for KH0/JA1HGY to be active on 10104, 18074 and 24894 kHz (mainly the WARC bands). QSL via JA1HGY. Other callsigns mentioned: KE6DI/KH0 (QSL via JA1BRK), WH0/WH2Q (QSL via JI1DLZ) and KH0/JR1MLU (QSL via JR1MLU).

OX, GREENLAND. Ben, OX3IPA, Chairman of the International Police Association Radio Club (IPARC) in Denmark, will be active from Nuuk, Greenland, October 30th to November 16th. Activity will be mostly CW on 160-6 meters. QSL will be good for police awards. QSL via OZ5AAH, Preben Jakobsen, 9 Knoldager, 2670 Greve, Denmark with a SASE.

OZ, ROEMOE ISLAND (DENMARK). Ulli, DL2HEB, will be using OZ/DL2HEB/p on IOTA EU-125. His IOTA DXpedition will be from December 22th to January 3rd, 1997. Activity will be on 80-10 meters. Check the IOTA and QRP frequencies, especially on CW, 14040 and 14060 kHz. QSL via DL2HEB or via the bureau.

QSL INFORMATION AND NEWS......
3E1DX active during this past contest weekend from HP1XVH's QTH go to KF0UI.

Correction to QSL info reported in OPDX.275.1 for FS5PL. QSL for the CQWW SSB and CW contests to WX9E. All other FS5PL contacts to KF0UI or FG5BG (NOT via KG0UI has reported).

The new QSL Manager for the DP1KGI-Expedition to Ardley Island (South Shetlands) is DL5EBE. Those who did already send a QSL to DL7VTS (ex. DD6UAB) will not have to send a new card. All cards received via direct or via bureau will be answered soon. DP1KGI was

the first and the last activity from the German Antarctic Station "Ardley". The station, originally established by the Academy of Sciences of the GDR, was taken over from the Alfred-Wegener-Institute for Polar and Marine Research. The station had to be closed last year to keep the regulations of the Antarctic Contract signed by Germany.

F5TCN has received the logs for YA9XL, but only for the December 1st to 24th, 1995 period. He is still waiting for the logs after December 24th.

Jean Michel, F6AJA, reports Gerard, F2JD/5R8EN, has been closing down his station from Malagasy and will be returning to France at this end of October with the last part of his log. ADDED NOTE: Gerard will be going to Panama (HP) November 20th, for at least 6 months.

Jean Michel, F6AJA, reports he has received his 5R8FI QSL cards from the printer, and all direct request will be mailed very soon.

F6BUM has been receiving QSLs for TO5A for February 1996. He has the logs only for the July 96 operation.

NOT THE QSL MANAGER.... F2YT received some QSLs for D44AB. He is not his QSL Manager.... F6EDZ received QSLs for 3B8DZ. He is not his QSL Manager

SPECIAL EVENT STATION. On November 1, 1944, the town of Knokke was finally liberated at great cost of Canadian lives. Each year the fallen Canadians are remembered with ceremonies, fesitivities and a "Canadian Liberation March" on November 1st, and during that Canadian Week. Many Canadian and Belgian veterans, VIPs and radio amateurs, are participating in the events.
This year, the Special Event Station, OS4CLM (which the suffix stands for Canadian Liberation March), will be on the air for the 14th time from Friday, October 25th, until November 5th.
The special event radio station is operated by members of the BAFARA (Belgian Airforce Amateur Radio Ass.), by members of the RNARS (Royal Naval Amateur Society) and by members of the BYLC (Belgian YL Club). This year's members of the Belgian IPARC section will attend on Tuesday, October 29th, for the first time.
A multi-colored OS4CLM-Award will be available to all licensed amateurs and SWLs for any contact with this special event station. They also can get a beautifull QSL-card. Cost of the OS4CLM-Award is 5 U.S. green stamps (no checks please) or 10 IRC's, with all proceeds going to a welfare fund. The money is used to maintain memorials and to keep the station OS4CLM on the air next air. You can contact or listen to OS4CLM on the following frequenties: SSB - 3685, 7045, 14145, 21245, 28545 and 144250 kHz and CW - 3515, 7012, 14020, 21020, 28020 and 144020 kHz; also FM - 145.475 MHz. If you want more information about the Special Event Radio Station, OS4CLM, please contact: OS4CLM, Post Box 110, B-8300 Knokke, Belgium.

V5, NAMIBIA. Clarlie, KY0A, should have arrived in South Africa this past Thursday, and from there he is planning to make another trip into Namibia. He wants OPDX to inform the readers that if anyone hears V5/ZS6YG, please QSL "only" to KY0A. Do not use the South African QSL Bureau! Charlie will be mostly mobile with 500 watts and antennas for the low bands and WARC bands. His operation will be CW only.

VK0, HEARD ISLAND DXPEDITION UPDATE. Carl Smith, N4AA, editor of QRZ DX, reported this week that on October 10th, a 20 ft. container containing gear and life support equipment for 20 people has left Oakland to be shipped Reunion Island, the departure point for this very large DXpedition. The team will assemble on Reunion Island during the last week of December. On January 3, 1997, they will leave board the 300 foot French vessel "Marion Dufresne" for a 10 day sail to Crozet and then to Heard Island. The stations will come on the air on or before January 15th, using the callsign VK0IR. The total budget for this DXpedition is $320,000.

XU, KAMPUCHEA (CAMBODIA). There was a report that JR1CSA and JA1SBH were active during the first part of the month (October 9-13th) as XU1U and XU1AO. Operations took place from the Battambong, in the north-west part of Cambodia, and the JA ops made 500 QSOs, mostly with Europe. QSLs should be sent to the individual operators.

XY, BURMA/MYANMAR. Another group has announced that an operation from Yangon (Rangoon) Myanmar (Burma) will take place from October 25th through November 4th, by the "JA1UT" DX Group. This will be the 4th demonstration /operation in the series linked to Visit Myanmar Year 1996. They had hoped to operate from Mandalay or Pagan on this occasion, but this was not possible, and the alternative of an operation in Yangon was accepted. Call signs to be used are XY1HT, XY1VMY, and XY1U. The group consists of mainly European and Japanese operators. Additional operators are welcome to contact 9M2/G3NOM.
On the first weekend, an entry will be made during this past weekend's CQWW SSB Contest. Also, a parallel operation will be made on Satellite during the contest weekend. The operation is taking place from the Headquarters of the Ministry of Hotels and Tourism. QSL to JA8RUZ.

-=-
SPECIAL NOTE FROM THE EDITOR. Please send all DX announcements/information "ONLY" to the addresses below and "NOT" to the distribution InterNet address of: dxinfo@barf80.nshore.org
-=-
OPDX INTERNET SUBSCRIBE/UNSUBSCRIBE REQUEST: opdx-request@nshore.org
OPDX WORLD-WIDE WEB HOME (provided by John, K8YSE):
http://www.en.com/users/k8yse/opdx.html
-=-
Excerpts and distribution of The OPDX Bulletin are granted as long as KB8NW/OPDX/BARF80 receive credit. To contribute DX info, call BARF-80 BBS online at 216-237-8208 14400/9600/2400/1200/300 and leave a message with the Sysop or send InterNet Mail to one of the two following addresses: kb8nw@barf80.nshore.org -or- aq474@cleveland.freenet.edu

- OR - Send a message via packet to KB8NW @ WA8BXN.OH.USA.NA
- OR - Use the VOICE or FAX answering machine at 216-237-8208 which shares the same phone line as BARF-80 BBS using a data/fax/phone switch. To access: 1) Dial Number. 2) Wait for first ring (the second ring should be a false ring from the fax/data switch box) and then dial four quick ones ("1111"). (NOTE: Some FAX machines that send single "BEEPS" every second will not have to do this step.) 3) The phone will pick up and after the "BEEP" leave your voice message or FAX.

/EXIT

Tedd Mirgliotta KB8NW
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5918. Re: Pro Code and No Code Debate

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct27.215616.17077@ke4zv.atl.ga.us>
Source record: 213995

In article <54u1rt$46p@anomaly.ideamation.com> kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:
>In article <327446f3.9087566@news.gte.net>,
> Brian A. Berard <brianb@gte.net> wrote:
>
>>I've tried the tapes and using a heath kit paddle keyer but somehow it
>>just doesn't cut the mustard! --)) I really wish there was a tiny
>>portion of a HF band where i could practice low power live time real
>
>Hi Brian,
>
>Why not call the ARRL and find out the name of a local club in your
>area. I'm sure there will be dozens of amateurs there willing to sit
>down with you and a couple of practice oscillators sending code back
>and forth. While not as good as "being on the air" it will still
>give you the capability of practicing.
>
>In the meantime, why not study for your codeless tech license. 50
>question multiple-choice test. Once you get your tech license,
>you can operate on every amateur band above 30mhz (99% of all
>available amateur spectrum is above 30mhz) with full power. You
>can even operate CW on some of those bands, to practice your code
>speed even more! One doesn't have to have a coded license to use
>code on the air!

Indeed. Excellent advice. The only two Morse exclusive sub-bands
in all of amateur radio are available to the Tech (50.0-50.1 MHz
and 144.0-144.1 MHz). Get on there and use Morse to your heart's
content, no code speed test needed, except the one you have to
pass on the air every time you operate (and frankly that's the
only one that should matter).

Gary
--
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Lawrenceville, GA 30244 | |

5919. Re: Color identification

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct27.223547.17268@ke4zv.atl.ga.us>
Source record: 213996

In article <3272DCB6.5C7B@hal-pc.org> Pushkin <pushkin@hal-pc.org> writes:
>When I first became a ham some 40+ years ago, I didn't have to contend with
>the problem my teenager has to overcome.
>
>He is interested in electronics and related electrical matters, but is
>hampered by an inability to distinguish red from green from brown.
>Technically, he has dichromatic vision (red/green color blindness).
>
>This difficulty has caused more than a few sparks to fly, circiut boards to
>fry, and breakers to pop open. Color-coded components require him to seek
>the advice of others, who are not always intent on giving him accurate
>information (just for the fun of seeing what happens when his sabotaged
>efforts are powered up.)

One of our techs is color blind. He resorts to the expedient of reading
component values with a meter. Considering some of the off-color colors
used in Japanese equipment, that's not a bad practice for those of us
who aren't color blind to use too. Just what value is that puce, lavender,
and mauve resistor anyway?

>I'm going to try some some tests with him shortly which will employ color
>filter gels to see if there is any benefit in that approach. If any of you
>similarly-affected folk out there have discovered reliable methods of color
>identification, I would appreciate your sharing your techniques with me so
>that I may work with my son to overcome this troubling obsticle.

Gels can help. Our tech adjusts color monitors with the aid of gels,
actually the gels are inside a device called a colorimeter, I use it too.
It's more accurate and repeatable than unaided vision, just adjust for
the same meter readings and all the monitors look the same. Not much use
for reading resistors though. A VOM is better for that.

What I'm getting at here is that I think your son will be better
served by ignoring color codes and using other means to identify
components. However, if you want to try gels, the two colors you
want are magenta (negative green) and cyan (negative red). These
two gels will make green or red respectively appear dark in
comparison to the other colors. With the pastel colors used as
color codes on many things today, however, they may not be very
reliable aids. I have excellent color vision, but I still have
to resort to a meter many times to positively determine a component
value.

Gary
--
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5920. Re: Newbie Scanner/Transmitter questions

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct27.065904.14281@ke4zv.atl.ga.us>
Source record: 213997
Cross-posted to: alt.radio.scanner,rec.radio.amateur.equipment,rec.radio.scanner,rec.radio.amateur.misc

In article <54tfcm$rc@milo.vcn.bc.ca> akenon@vcn.bc.ca (ANN KENON) writes:
>
>This is a newbie question - please be patient!!
>
>Radio Shack/Realistic PRO-25 scanner has sensitivity specifications of
>20dB S/N with 60% modulation, 3kHz deviation for FM, 0.6uV in 137-174MHz.
>
>What do each of these figures mean in terms of what it can receive, and
>the quality of reception and audio output? How do these figures compare
>to other portable and base-station scanners? If I want better
>reception/audio quality, would it make much difference to go for another
>make or price bracket?

Those figures are respectable. What they are telling you is that for 20 db of quieting, a 3 kHz deviation signal needs to be 0.6 uV in the frequency range of interest. Amateur gear is usually specified at the 12 db quieting level instead, so sensitivity figures look better, but anything near half a microvolt is a good number for 20 db quieting.

With no signal, you get noise output from the receiver (open the squelch between stations and listen). When a signal is present, what matters is the ratio of recovered audio to recovered noise audio. This is called SNR (Signal to Noise Ratio). Due to the FM threshold effect, SNR will be better than the carrier to noise ratio (for AM, SSB, or CW, CNR = SNR, but that's not true for FM above the threshold, it will do better). So sensitivity figures for FM receivers are specified at a certain level of "quieting", IE even an unmodulated FM carrier will suppress the noise. This amount of quieting is measured in db. 20 db is considered "full quieting" in FM communications work, IE the noise remaining negligibly affects intelligibility (20 db means the noise is 100 times weaker than the signal).

Sensitivity is measured in terms of the signal voltage appearing across the input impedance of the receiver. Traditionally that's 50 ohms. So the specification is telling you that you need 0.6 microvolts of signal at the receiver input to achieve the 20 db quieting level. That's pretty good, the typical FM broadcast receiver needs 2 uV or more for the same performance. Amateur equipment will typically specify something on the order of 0.2 uV as the sensitivity figure, but that will be for 12 db quieting, not for 20 db (12 db means the noise is only 16 times less than the signal).

A very important specification is missing, however. That's the
third order intercept point. To a large degree, that determines
how much "crud", IE undesired mixing products from strong nearby
signals, that will contaminate your desired signal. Also, there
is no specification for image response. These two factors are
important, usually more important than sensitivity, in determining
if a receiver is suitable. Many scanners suffer badly in both
departments due to their necessarily wide frequency range, and
manufacturers are often reluctant to put hard numbers to these
performance aspects of their equipment. About the only realistic
test you can do is to take the candidate receiver to your local
intermod alley and see how bad it is.

>Listening to VHF/UHF transmissions, the audio quality is not high, not as
>good as commercial broadcast FM. Is this due to bandwidth? Using Xandi
>Electronics' miniature crystal-controlled transmitter (143.775MHz) to
>transmit conversation to the scanner, the end result is not as clear as
>it could be. Would a different transmitter/scanner combination give
>better clarity, or would a different technology be necessary for improved
>fidelity?

Broadcast FM uses 75 kHz deviation while communications equipment
uses only 5 kHz deviation. This means that audio frequencies higher
than 5 kHz will have a modulation index less than 1, and will be
rather noisy in the communications radio, IE they lose the benefit
of the FM threshold effect. Thus the audio section of the radio is
typically tailored to roll off response at about 3 kHz. With FM
broadcast, the modulation index will still be 5 for 15 kHz audio,
so high frequency response is considerably improved by the large
value of deviation.

A Grade A coverage area FM broadcast signal offers 40 to 60 db of
quieting (60 db means the audio signal will be a million times
stronger than the noise) while a communications channel is satisfied
with 20 db (signal audio only 100 times stronger than the noise).
Frequency response and SNR of broadcast signals will thus typically
be significantly better than communications FM. But the cost paid
for that is much higher power levels required for transmission,
much higher signal levels required for receive, and much greater
spectral bandwidth consumed.

In addition, communcations equipment has its audio response tailored
for best intelligibility, not for best fidelity. The audio frequency
response is typically 300 to 3,000 Hz instead of the 20 to 15,000 Hz
of FM broadcast, and communications receivers are typically specified
for a THD (Total Harmonic Distortion) of 10%, which is gross by HiFi
standards. This is a major difference in fidelity. And of course
dynamic range is constrained by the SNR to a lesser value for typical
communications radio signal levels compared to typical broadcast signal
levels. A scanner is not a HiFi.

Still, if signal levels are strong, and you rework the audio
sections of the communications radio for better fidelity, you

can get quite good results with NBFM.

Gary
--
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5921. Re: Trade for code requirement?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct27.213101.16830@ke4zv.atl.ga.us>
Source record: 213998

In article <54pnv9$aej@news-e2b.gnn.com> Michael Herron <GHURRICANE@gnn.com> writes:
>Since we will all be using digital modes in the future according to
>the "Anti-Code" prophets and will likely be keyboarding alot, how
>about we drop the code requirement for a typing requirement
>starting at 30 wpm up to 60 wpm for higher classes of licenses???
>Sounds as good as the other ideas presented around here!!

While that makes about as much sense as a Morse speed test, one
must ask, what's the point? Is there a documented problem with
slow typing?

Consider that most digital modes, other than RTTY, don't occupy
spectrum while waiting for the operator to input information,
and transmit at a fixed high speed when information is available.
Even RTTY allows type ahead so its 60 WPM transmission speed can
be fully utilized even by slow typists. So slow typing doesn't
adversely impact spectral usage the way slow Morse does. And even
"fast" Morse (20 WPM) still ties up spectrum longer than digital
methods in order to get the message through. If speed is the
criteria, then the digital methods win hands down, even for slow
typists. If speed isn't a criteria, then why speed tests of any
sort?

If you do feel that speed is a criteria, then why would you
have different test speeds for Morse and digital? Shouldn't
they be the same? The slowest digital method in common use
runs at 60 WPM *on the air*, shouldn't Morse users have to
equal that speed to get equivalent privileges? Remember,
they are both text transmission systems, the characters are
the same no matter how they are encoded.

Gary
--
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5922. Re: TDD codes

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct27.214746.16989@ke4zv.atl.ga.us>
Source record: 213999

In article <54uvo8$r61@news.asu.edu> wmunsil@aztec.asu.edu (WILLIAM W MUNSIL) writes:
>
>Does anyone know the codes for TDD - teletype devices for the deaf?
>Is it standard ASCII or some other code? What speed do they use?
>73 es Tnx.
>I would like to use my modem on the phone with deaf friends.

I seem to recall, and this is just from memory of a deaf friend's
setup long ago, that the TDD service is Baudot, similar to HF RTTY,
45.45 baud. That may have changed now with the advent of the PC.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

5923. Re: Vanity Callsign Update

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: rschuck@tir.com
Message-ID: <3273a6de.14955971@207.126.101.77>
Source record: 214000
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.policy

On Fri, 25 Oct 1996 09:07:23 -0700, Dave Booth <booth@pactitle.com>
wrote:

>Check my Page for Daily updated NEW and CHANGED callsigns!!!!!!
>http://www.geocities.com/Hollywood/5860
>Thanks Dave Booth kc6wfs
>
>
>
>Michael Crestohl wrote:
>>
>> In article <54pjrj$9l2@news-e2b.gnn.com>,
>> Michael Herron <GHURRICANE@gnn.com> wrote:
>> >By the end of what week?? See, another loophole! I loved the last
>> >word on it from the "spokesman" who HAZARDS a GUESS that IF ALL GOES
>> >WELL they SHOULD..... Hey! Talk about a born politician who will
>> >tell you exactly what you want to hear and actually say nothing at
>> >all!! Any comments? Its more fun than the code no code (Carl no
>> >Carl) waste of time stuff around here at least!!
>> >
>>
>> You know gang, it really boils down to the simple fact that no one knows
>> nothing! (How's that for double negatives?) Just wait and hang out and
>> one day soon it'll happen.
>>
>> 73,
>>
>> Michael Crestohl, KH6KD/W1 (soon W1??)
>> mc@shore.net
>
>--
>Dave Booth
Would any reasonable person expect anything more lucid from the FCC or
any other government department/spokesperson?

It is fun and does make more sense than 99% of the QRN I read on this
newsgroup.

Randy, AA8TU

5924. Re: FCC Draft OET Bulletin #65

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct27.205151.16654@ke4zv.atl.ga.us>
Source record: 214001
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

In article <54pdpu$g8q@sjx-ixn9.ix.netcom.com> art16@ix.netcom.com(ARTHUR VARANELLI) writes:
>I have reviewed a draft of FCC OET Bulletin #65 which is supposed to
>provide guidance to implement the recent R&O FCC RF Radiation Safety
>Standard.
>
>There is real trouble for Radio Amateurs, and many other people.
>
>Visit my home page at:
>
>http://www.netcom.com/~art16
>
>and check out my review.
>
>Arthur Varanelli

Your "review" seems little more than ranting, arm waving, and not a little character assassination. If you have real technical critcisms of OET #65, you should state them, and document support for your technical position point by point.

The closest thing to real critcism you offer is that the OET #65 procedures are approximations which may not offer stations assurance that they are 100% within the exposure limits in every case. That is true, and the FCC acknowledges that it is true. But it is like saying that clean air regulations are no good because in some cases people still suffer respiratory distress while in a closed garage with a running auto.

The OET #65 procedures are intended to reduce RF exposures in the majority of cases without imposing excessive burdens on the licensee to comply. The alternative would be to require an exhaustive set of measurements on site at every radiating site by qualified experts using calibrated equipment, and repeat those measurements any time *anything* on or near the site is changed.

While that would give a higher degree of assurance of compliance, the FCC decided that it would be too burdensome on licensees to routinely require such on site testing. The Congress requires regulatory agencies to consider cost/benefit when crafting regulations. It would appear that the FCC has done so in this case in a number of ways. They have allowed use of the OET #65 approximations, they have categorically exempted some classes of radiators, they have allowed some low power stations to operate

when clearly they would be in violation of the exposure guidelines, etc.

Now you may think the FCC has been unwise in granting some of these exemptions, and I would tend to agree, but overall, following the FCC procedures should result in reduced exposures for most people near RF radiating sites compared to doing nothing. Therefore, I think the procedures are a reasonable step toward lessening population exposures to high RF fields.

No regulation is perfect, nor should it be expected to be. If necessary, further tightening of regulations can be done in the future. Specifically, I think the categorical exemptions are unwise, and think that topic should be revisited soon.

In particular, I think that users of handheld equipment which may expose them to RF fields in excess of the standards should be required to acknowledge that they are aware of the hazard and that they waive all right to make liability claims on anyone but themselves for any ill effects that may arise from operating the devices.

You critcize the regulations for making operators "second class citizens" by allowing them to be exposed to higher RF levels than non-operators. I disagree. The regulations allow operators to make an informed consent decision to voluntarily expose themselves to a higher level of RF in return for the perceived benefit that they receive from such operations. Taking personal responsibility for one's actions and exercise of freedom of choice, what novel concepts. Perhaps there is some hope for government after all.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

5925. Re: Importance of coax length on HF A myth?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct27.072006.14444@ke4zv.atl.ga.us>
Source record: 214002
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

In article <3272E163.2385@worldnet.att.net> altavoz <altavoz@worldnet.att.net> writes:
>> It's possible to use a cable with an impedance not
>> equal to the characteristic impedance of your
>> antenna and rig. For example, a half wave length
>> of 75 ohm cable will work between a 50 ohm antenna
>> and a 50 ohm transmitter. You can also use 75 ohm
>> cable to match a 100 ohm antenna to a 50 ohm rig
>> by cutting it to the right length. Unfortunately,
>> these tricks generally only work at one frequency.
>>
>> In this case, the length of the cable is critical
>> to a given frequency.
>>
>> Steve KT4FY
>
>altavoz: No, a 50 ohm ant' feeding a 75ohm coax will
>cause a SWR into coax and towards the radio and an exact
>length of coax will not reduce the SWR except as
>attenuation factor over that length.

You two are talking about different things. Sure, the SWR on
the cable will not be unity, but if you cut the cable to an
electrical halfwave (or multiple), you *don't care* because
the impedance seen by the source is a repetition of the
impedance presented by the load. The source doesn't care
about SWR on the cable, it only cares that it sees the
correct impedance presented to it.

In the case of a 100 ohm load and a 50 ohm source, an electrical
1/4-wave of 75 ohm cable will transform the load impedance to
50 ohms at the source end of the cable. The source will be happy,
the load will be happy, and we'll be real happy there is SWR on
the cable, because it is this SWR which makes the transformation
happen. A "high" SWR isn't always bad, in fact it can be downright
useful at times.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
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534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

5926. The best movie

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3273ADFD.771E@ccsnet.com>
Source record: 214003
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Gary Newberry wrote:

The suggestion in an earlier post of a movie starring Burt Fisher sounds interesting, we could have the handsome dashing Burt (played by Tom Cruise) as the resident 'savant' professor at an Ivy League university. By day Burt pushes the limits of known science in instructing his students in the rarefied esoterics of holding a video camera and rewinding a VHS cassette, Burt REALLY pushes the limits of science when he attempts to instruct his underlings on how to correctly set the digital clock on a VCR !!! At the end of the day the dashing Burt jumps into his Dodge Viper and barrels at Nascar speeds on the freeway to his beautiful home in the burbs and his lovely wife Vicky (Demi Moore), there Burt hurries through dinner and makes his way to the computer and fires up on the net to save the hapless denizens of rec.radio.amateur.misc and alt.support.divorce. Meanwhile Vicky (Demi Moore) carries on a HOT STEAMY affair with a local Walmart "associate"(Tom Hanks) who gives her what she's really been desiring from Burt but he never has time for (lots of sex). The movie ends on a tragic note when Burt sees a picture of Vicky (Demi Moore) and her Walmart lover(Tom Hanks) in a compromising position in alt.binaries.pictures.girfriend and commits suicide by grabbing the high voltage line in his SB-220 power amplifier!!

Whaddya think ????
Gary
E-Mail: garyn@tir.com
"life is what happens while you're busy making plans"

--
#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#================#===#
|This message was posted from home k1oik@ccsnet.com |
#===#
If you try to milk too much, you won't get a drop
Samantha Fisher

5927. Re: When MIKE became MIC

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <550s2a$pg7@news.Hawaii.Edu>
Source record: 214004

Guy A. DeRose <derose@looking-glass.caltech.edu> wrote:
>markem@primenet.com (M. E. Monninger) writes:

>>Then again, back in the old days, before capacitors had pF's (puffs) they had
>>mmF's, or mickey-mikes (mickey-mics????), or was it uuF's? But I digress...

>To further digress, in "them" days capacitors were called "condensers" too.

Well that's incorrect. My 50's editions of The Handbook use mmF but make
no mention of "condensers."

KH2PZ

5928. Re: Any 2 meter beacons in So Cal?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <550sr4$psr@news.Hawaii.Edu>
Source record: 214005

In article <54qjgn$okl@kaiwan.kaiwan.com>, Eric Oberg <erico@kaiwan.com> wrote:
>Hi. How come there are no two meter beacons in Southern California. I want
>to test antennas and receivers, but have no standard to compare against.
>Make my own?

I guess you could always use the 147.435 MHz rptr as a sort of beacon...

KH2PZ

5929. Romanian Election

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: sorel@mediafax.ro
Message-ID: <3272B507.249D@mediafax.ro>
Source record: 214037

Interested in elections in Romania?

If not, maybe you will find somethig interesting reading this letter. If the
answer is yes, proceed attentively.

Parliamentary and presidential elections are due in Romania on November, 3rd.
If you want to learn everything about these elections, without going all the
way to Romania, just let us know.

A serious, challenging dispute is in sight. You'd better not miss it.

MEDIAFAX is going to provide you, from October 31 to November 1st,
electoral information comprising:

UP TO THE ELECTION DAY:
- documentaries summing up the most important aspects of the last
four years' regime;
- the present political situation in Romania;
- the most relevant topics of the electoral campaign;
- pre-electoral polls;
- latest news;
- statements and profiles of the men in the news;
- reactions of foreign and domestic monitors.

YOU CAN'T MISS ANYTHING REALLY RELEVANT

And THE MOST IMPORTANT THING is still to come...

ELECTION DAY - 3 NOVEMBER

turnout
incidents
statements of the candidates
technical aspects

FIRST ESTIMATIONS

MEDIAFAX is the exclusive distributor of the exit polls conducted by the
prominent polling institute IMAS.
MEDIAFAX will run the first IMAS exit poll only minutes after the closing of the
polling centres.
The next day, in the morning of November 4, MEDIAFAX will provide IMAS
estimations based on parallel counting.
MEDIAFAX will also transmit the results of the estimation conducted by

the
governmental polling organisation IRSOP, as soon as they will be made
available.

FROM OCTOBER 5 TO 16
- final outcome
- politicians' statements
- negotiations in order to form the new government
- electoral campaign for the run-off of the presidential elections
- pre-electoral pools

RUN-OFF DAY FOR PRESIDENTIAL : 17 NOVEMBER

turnout
incidents
statements of the candidates
technical aspects

FIRST ESTIMATIONS

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polling centres.
The next day, in the morning of November 4, MEDIAFAX will provide IMAS
estimations based on parallel counting.
MEDIAFAX will also transmit the results of the estimation conducted by
the
governmental polling organisation IRSOP, as soon as they will be made
available.
- final outcome
- politicians' statements

From October 31 to November 19, nothing relevant will happen in
Romania without you knowing it the first. And all this for only USD 49
(for
Central an Eastern customers) or USD 89 for the rest of the regions.
This package will by transmitted daily by e-mail.

Place your order:
- by fax: 40.1 - 222.40.34
- by e-mail to: sorel@mediafax.ro
The deadline for placing you order is October, 30.
By this date you are also invited to pay - by check or pay order
Our bank account: 40 200 44530
Banca Ion Tiriac Sucursala Municipiului Bucuresti

But who is MEDIAFAX ?

Look here the MEDIAFAX PROFILE

MEDIAFAX is a private owned news agency, having as main object collecting, processing and transmitting information.
=09
Set up in August 1991, as a part of MEDIAPRO holding, MEDIAFAX became a stock company starting February, 1st, 1995, with a social capital of
Lei 200 million Lei. The main stock holder is MEDIAPRO holding.
=09
MEDIAFAX is the most important news agency in Romania and the sole running promptly economic, legislative, financial and banking information, meaning specialised services aimed at business companies.
=09
MEDIAFAX has its headquarters in Bucharest, where it employs over 100 employees, as well as correspondents in the main 30 cities all over the
country.
=09
The agency has also special correspondents in Brussels, Budapest, London, Moscow, Paris, Sofia and Washington.
=09
MEDIAFAX issues currently 15 informational products: eleven on a daily basis, three on a weekly basis and one on a monthly basis. Part of them
are issued both in Romanian and in English. To those concerned MEDIAFAX offers a D-base under WINDOWS, containing over 5000 legislative norms still in force, adopted between 1924 and 1996.
=09
MEDIAFAX provides every day the main media (more then 100) and the most important business companies (more then 250) in Romania over 400 stories covering all the fields of the society, both Romanian and international: politics, economy, finance, social, culture, sports.

The transmission of the MEDIAFAX stories is made by fax, by modem, through data networks such as LOGIC, RTNS and INTERNET =09
(http://www.mediafax.ro).

Starting 1997 , MEDIAFAX will make available to public access a new D-base, one of the most attractive offers in Romanian in terms of dimensions
and informational content.

The D-base will have both up-to-date and historical information, offering over 200,000 stories published in the Romanian press between 1992-
1996, covering themes as political, social, economic, finance, banking information, mass privatisation, data on companies .

A bias for action, the balance, the equidistance, the professionalism, the quick reaction to domestic events, as well as a flexible and diversified
offer are the trade marks of the MEDIAFAX news agency.

According to our marketing studies, MEDIAFAX controls for the time
being over 60 per cent out of the information market in Romania.

Among the subscribers of MEDIAFAX news services range

news papers such as:
=09
Evenimentul Zilei, Adevarul, Cronica Romana, Ziua, Romania Libera,
Curierul National, Liberatea, Jurnalul National, Capital, Micro-Magazin
- Los
Angeles, Lumea Libera - New York

radio stations such as:
=09
BBC, Voice of America, Radio Free Europe, PRO FM, Uniplus, Delta

TV stations such as:
=09
PRO TV, TVR International, Antena 1, Amerom

news agency such as: REUTERS, A.P., NOVOSTI
The Economist Inteligence Unit (Romania)

and foundations, embassies, ministries
=09
Among the subscribers of our specialised business services range

banks such as:
=09
CITIBANK, ABN AMRO BANK, Soci=E9t=E9 G=E9n=E9rale, ING BANK,
National Bank of Romania, Frankfurt Bucharest Bank, BANCOREX, ION
TIRIAC, Comercial Bank of Romania, BUCHAREST Bank, CREDIT Bank,
Transilvania Bank, Columna Bank, Franco-Romanian Bank, RoBank.

business companies such as:
=09
Coopers&Lybrand, Ernst&Young, Price Waterhouse, Goldstar,
Autorom-Mercedes, HYDRO, Alcatel, Young & Roubicam, Stein & Partner,
Balkan Pack, Bull, Booz Allen & Hamilton, Coca Cola, Crown Agents, Dow
Europe, SAFI, Certinvest, Elvila Intl., Terra Intl., Rokura, FPP,=20
ASIROM,
ARDAF, Nissan, Soros Foundation, etc.

Sincerely yours,

Marketing & Sales Manager
Sorel Radu

5930. Re: Manual for TS 700 A

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: fer-tree@pacbell.net
Message-ID: <54uj0m$8ce@news2.snfc21.pacbell.net>
Source record: 214038

RStamper@worldnet.att.net (Robert Stamper) wrote:

>A recent hamfest provided me with a TS 700 A but no manual.I would like an
>original or a copy.Any help is verry much appreciated.Will reimburse for
>copying and mailing.

>Verry 73 Bob N4KTS
Hi Bob,
Send me a large SASE and I will send you the manual. I sold the
rig but just found the manual. I Hopefully, you haven't yet spent $16,
(plus $3,00 for shipping!!). Gus..WA6WBC.

5931. FT50r: VC23 Headset's VOX

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: shealey@netcom.com
Message-ID: <shealeyDzwzor.51C@netcom.com>
Source record: 214039

Hello,
I bought the VC23 Vox headset for the FT50r and although the PTT works fine,
the VOX unit is inop.
I took it back to HRO and we tried it on another 50r and no luck. HRO
broke out 2 other VC23s and no luck with the VOX on either radio. The
good folks at HRO refunded my money and will check with Yaesu.
Anyone know anything about this?
(Otherwise the FT50r is a great little radio!)
Steve

--
shealey@netcom.com KF6GYP
standard disclaimers apply

5932. DX'pedition Database

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: ck@mnl.sequel.net
Message-ID: <846386201.23367@dejanews.com>
Source record: 214040

Does anyone have info on where to find datbase
of DX'peditions made or conducted for the past 30 years?

This article was posted to Usenet via the Posting Service at Deja News:
http://www.dejanews.com/ [Search, Post, and Read Usenet News!]

5933. Re: ic-706

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: Joe Roach <jr@cybertron.com>
Message-ID: <01bbc3b8$f7e80f40$6e5c1bce@mcp.cybertron.com>
Source record: 214041
Cross-posted to: alt.radio.digital,alt.radio.scanner,rec.ham-radio,rec.ham-radio.packet,rec.ham-radio.swap,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.misc

paz <paz@world.std.com> wrote in article <Dzw7ot.E08@world.std.com>...
> Emiddio (pillo@rm.ats.it) wrote:
> : I desire have news on contingent modifications for can increase the
> : [efficenza dell] new ICOM 706
>
> Too light for a boatanchor. Add a few bricks.
> That's the main problem with all this newfangled equipment. Too light.
> And too small, too! I believe they should charge by the pound for radio
> equipment. Much more equitable.
>

Ck the list of Icom mods at

http://oak.oakland.edu:8080/pub/hamradio/mods/icom/

Several are listed for the 706

Joe

5934. Re: Importance of coax length on HF A myth?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: macino@ibm.net
Message-ID: <54umqg$a58$1@news-s01.ny.us.ibm.net>
Source record: 214042
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

In <32715628.5221@ccm.ch.intel.com>, Cecil Moore <Cecil_A_Moore@ccm.ch.intel.com> writes:
>Joel Gamble wrote:
>> The ONLY time coax length makes a difference is when it is radiating
>> rf,thus it becomes an active part of the antenna,instead of the passive
>> conduit it is designed to be.
>
>Hi Joel, got to nitpick a tad.
>
>1. 100ft of RG-58 on 440MHz with an SWR of 1:1 and *no feedline radiation*
>does make a difference.
>
>2. 100ft of RG-58 on 28MHz with an SWR of 20:1 and *no feedline radiation*
>does make a difference.
>
>73, Cecil, W6RCA, OOTC (not speaking for my employer)

Cecil,

Have they just recently started calling 440 Mhz HF? :-))) <- beard

Jim WD9AHF

5935. TDD codes

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: wmunsil@aztec.asu.edu
Message-ID: <54uvo8$r61@news.asu.edu>
Source record: 214043

Does anyone know the codes for TDD - teletype devices for the deaf?
Is it standard ASCII or some other code? What speed do they use?
73 es Tnx.
I would like to use my modem on the phone with deaf friends.
--
I only check this account on weekends.
For faster service, use my juno account.
Bil Munsil n7aou@juno.com

5936. Indiana Hams Now Have A Choice Of Frequency Coordinators

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: "William C. (Bill) Wells" <WA8HSU@netusa1.net>
Message-ID: <3272CDD9.40D1@netusa1.net>
Source record: 214044
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

The Amateur Radio licensees of the State of Indiana now have a choice of who they want to serve as the Frequency Coordinator for their Repeater and Auxiliary stations.

The Midwest Spectrum Management Alliance, Incorporated (MiSMA) was formed on July 30, 1996 to provide the radio amateurs of the State of Indiana with a frequency coordination organization that is truly benchmarked on current FCC Part 97 Rules & Regulations and that is truely representative of and responsive to the Amateurs of the State of Indiana.

In Part 97.3(a)21, the FCC-definition of a Frequency Coordinator, is stated as, "An entity, recognized in a local or regional area by amateur operators whose stations are eligible to be auxiliary or repeater stations, that recommends transmit/receive channels and associated operating and technical parameters for such stations in order to avoid or minimize potential interference."

THIS IS THE LAW!

Part 97.3(a)7 & 97.201 describes an auxiliary station. Part 97.3(a)37 & 97.205 describes a repeater station. A Frequency Coordinator's business concerns auxiliary & repeater stations by law...PERIOD! It can be safely and accurately inferred that a conscientious Frequency Coordinator (such as MiSMA) WILL RESPECT & PROTECT all other modes of operation, as specified in Part 97.305.

Currently, MiSMA has over 110 members, which comprises nearly 80 repeater/auxiliary station owner/operators. Since MiSMA's membership drive just began in early September and we have grown so much already, we must be doing something right. Each member has provided MiSMA with a signed affidavit-card which attests that MiSMA is their chosen/recognized Frequency Coordinator. Our "numbers" are growing at a rate of 10 -to- 15 new members per week...at present, MiSMA serves over 25% of all repeater/auxiliary stations in the State of Indiana, with that percentage rising proportionally as well! Since most members of MiSMA count themselves as FORMER members of the Indiana Repeater Council, MiSMA's membership now greatly exceeds that of the Indiana Repeater Council.

With all due respect, MiSMA was formed to serve the radio amateurs of the State of Indiana, providing up-to-date information, helpful technical operating parameters, timely performance, FARE AND EQUAL TREATMENT FOR ALL SYSTEM SPONSORS AND APPLICANTS etc...MiSMA exists because the FCC Rules & Regulations "says" that it can --- plainly -and-

simply.

UNTIL -AND- UNLESS THE FCC CHANGES OR MODIFIES TITLE 47 OF THE CODE OF FEDERAL REGULATIONS SECTION 97.3(a)21, MiSMA WILL CONTINUE TO FUNCTION AS YOUR FREQUENCY COORDINATOR (if YOU so choose)!

MiSMA has contacted all adjacent-State Frequency Coordinators. The ILLINOIS Frequency Coordinator has not returned any communications with MiSMA. MICHIGAN's database manager, WISCONSIN's Frequency Coordinator, OHIO's Repeater-Council Secretary, & the Chairman of the present Indiana Repeater Council have stated unequivocally that they "DO NOT RECOGNIZE MiSMA AS A FREQUENCY COORDINATOR".

MiSMA's response has been (essentially) "'We' do not require that 'you' recognize 'us'...the radio amateurs whom we serve provide the necessary recognition for MiSMA to function as a frequency coordinator, as per FCC Part 97.3(a)21. There is not one letter, particle of a letter, or punctuation mark in the "black letter law" or the "case law" of the United States which in any way makes such lack of recognission by these organizations meaningful or relivant. MiSMA will still provide 'you' with all information necessary to insure minimal interference when pending frequency coordination is the issue...whether 'you' choose to use the information in the spirit of cooperation or not."

MiSMA wants YOU to know that the ARRL Board of Directors -and- the newly-formed NATIONAL FREQUENCY COORDINATION COUNCIL (NFCC) are meeting this weekend (Oct 24-26) in an attempt to arbitrarily interfere with YOUR right of direct-redress with the FCC. The NATIONAL FREQUENCY COORDINATOR'S OFFICE (NFCO...the so-called Single Point of Contact -or- SPOC with the FCC) is attempting to come between YOU and the FCC. If you want to address the FCC directly, and if the ARRL & the NFCC are successful, YOU won't be able to "interface" directly with the FCC in the matters of repeaters, frequency coordination, and the like. YOU will have to address the NFCO (not YOUR government agency)!

DO YOU WANT IT THAT WAY???

Did YOU have the opportunity for input here??

Were YOU even aware that this "stuff" was going on??

If you have a "problem" with the possibilities of the SPoC, contact Mr. John Johnston, Mailto:jjohnsto@fcc.gov of the FCC's Wireless Telecommunications Bureau (202-418-0680) and tell him YOUR concerns, and what YOU think...MiSMA is going to express our concerns to him, make no mistake about it!

We invite you to check out our web site at http://www.interlink-2000.com/misma to learn more about MiSMA and these issues. We would also like to encourage discussion of all of these matters at news:rec.radio.amateur.policy and at news:rec.radio.amateur.misc .

The members of the MiSMA Board of Directors would also encourage one to one discussions at our Email addresses:
mailto:wzehner@skyenet.net Wayne Zehner - WA9INM
mailto:wb9shy@aol.com Steve Wilson - WB9SHY
mailto:enorris@netusa1.net Ed Norris - K9PSR
mailto:kk9t@aol.com Jim Fonte - KK9T
mailto:wa8hsu@netusa1.net Bill Wells - WA8HSU
mailto:kb9mt@aol.com Doug Neumann - KB9MT

MiSMA is a truely democratic organization. The first election will take place with two members of the Board of Directors facing election during 1997 and two members facing election in each year there after. Since these elections are by mail, the entire membership has an opportunity to participate in these elections. The election procedure is fully defined in our Bylaws which can be seen at our web site.

73, Bill Wells - WA8HSU

5937. Motorola Mocom-70 schime ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: harel@glx.chief.co.il
Message-ID: <54uuji$p7m@news.ibm.net.il>
Source record: 214045

I'v got an old Mocom - 70 (2 meter) from a friend. it is a larg old Vhf transciver, should be 25 years old.
the set is in a farly good condition and i'd like to tray and work with it.
Can anybody help with its schime?

Regards & 73
Harel 4x4 3018

harel@glx.chief.co.il

5938. Re: Dealing with contests

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: k0hb@hamlink.mn.org
Message-ID: <846371431.AA07572@hamlink.mn.org>
Source record: 214046

GG>From: gary@ke4zv.atl.ga.us (Gary Coffman)
GG>Newsgroups: rec.radio.amateur.misc
GG>Subject: Dealing with Contests
GG>Organization: Destructive Testing Systems
GG>Reply-To: gary@ke4zv.atl.ga.us (Gary Coffman)
GG>Message-ID: <1996Oct17.173440.3768@ke4zv.atl.ga.us>
GG>Date: Thu, 17 Oct 1996 17:34:40 GMT
GG>
GG>In article <32650198.121E@liant.com> barron@liant.com writes:
GG>>Howard Watson wrote:
GG>>>
GG>>> >Nobody wants to "ruin people's fun" by restricting contesting,
GG>>> but by the >same token why should my fun be ruined >by<
GG>>> contesting? If a small
GG>portion
GG>>> >of each band were reserved for non-contest stations during
GG>>> contests, I >believe everyone would be a lot happier.
GG>>>
GG>>> >MD
GG>>>
GG>>> VERY well put. I myself am planning on giving it a try, but I
GG>>> sure don't think it should fill every band. I also do not accept
GG>>> the "go to a WARC band" argument. MANY of the older radios do no
GG>>> have the WARC bands.
GG>>
GG>>Who shall decide the allowed percentage of the band to be used for
GG>>the contests? For other activities it's first come, first served.
GG>>Why should contesting be any different?
GG>
GG>Because the contest sanctioning body makes the rules?
GG>
GG>It is precisely because contesting is organized that it generates
GG>so much chaos on the bands. If each individual decided by himself
GG>when to contest, and under what rules to do so, there wouldn't be
GG>the band killing concentrations that organized contesting fosters.
GG>IE I might decide to work Sweepstakes on a Wednesday morning instead
GG>of a weekend if the contest sanctioning body didn't insist the
GG>contacts be made on the weekend, and another operator might decide
GG>Thursday afternoon was a good time for him. That's how other
GG>activities are done, but not contesting. Contesting is concentrated
GG>havoc whereas other activities are distributed more randomly and
GG>evenly. And that's a choice made by the contest sanctioning body.
GG>
GG>I don't have a good answer for what to do about contests.

GG>Cummulative contests have some features that make them better
GG>sharing partners because they spread activity over a greater time.
GG>OTOH, sprints limit the duration when the bands are unusable by
GG>others. Both have their pluses and minuses. Single band and/or
GG>single mode contests limit the problems for other bands and/or
GG>modes, but they totally wreck the band and/or mode of the day. OTOH,
GG>any band and any mode contests spread the load and aren't as
GG>disruptive to any particular other activity. Pluses and minuses
GG>again.
GG>Contesting is disruptive, and it is disruptive almost every weekend.
GG>Something should be done about that. I don't know exactly what, but
GG>some creative thought by the contest sanctioning bodies might come
GG>up with better solutions than what we have now. For example, and I
GG>don't know how practical this might be, the organizers could have
GG>a rule that no station participating in the contest could operate
GG>for more than 10 minutes out of every hour on a given mode or given
GG>band. Or they could say that contacts this hour only count with
GG>stations having the same first letter in the suffix of his call
GG>as yours, etc. Surely there is some way to dampen the peak loads
GG>so that the bands remain usable by others.
GG>
GG>Or, how about this? Lets have a new entry class for contests. This
GG>class is for stations who listen only and provide reports of
GG>stations transmitting over non-contest stations. Each report would
GG>be worth 1 point to the reporter, and would result in 10 points
GG>being subtracted from the score of the station reported. I bet we
GG>could get a lot of stations to participate in that, I might even be
GG>tempted to submit a log, and it might do wonders for the operating
GG>manners of contesters. Bet a lot of them would wind up with negative
GG>scores. :-)
GG>Gary
GG>--
GG>Gary Coffman KE4ZV | You make it, | Due to provider
GG>problems Destructive Testing Systems | we break it. | with
GG>previous uucp addresses
GG>534 Shannon Way | Guaranteed! | Email to
GG>ke4zv@radio.org Lawrenceville, GA 30244 | |
GG>
GG>---
GG> * Origin: HamLink RBBS - 612/HAM-0000 v.34 St. Paul, MN
GG>(1:282/100.0)

5939. Re: Scientific Discoveries Minimize Aging (DHEA)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: wmunsil@aztec.asu.edu
Message-ID: <54utr9$ofo@news.asu.edu>
Source record: 214047

What ever happened to DMSO? It was big for something in the 1980's.
--
I only check this account on weekends.
For faster service, use my juno account.
Bil Munsil n7aou@juno.com

5940. Re: Importance of coax length on HF A myth?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: "Merv Stump"
Message-ID: <54vdfr$dj9@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 214048
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Merv Stump <W2FOE@worldnet.att.net@postoffice.worldnet.att.net> wrote:
>ARRL currently has a program under development which analyzes transmission
>line. I'm fortunate to have been asked to play with an early copy.
>Running some quick examples shows the following:
>
>At 28 MHz an antenna with a purely resistive load of 50 ohms fed with 100
>feet of RG213 has a loss of 1.181 dB. There is no additional loss due to
>SWR.
>
>The same antenna fed with 100 feed of 1/2 inch 75 ohm hard line has a loss
>of .420 dB due to the cable and an additional .032 dB due to the SWR for a
>total loss of .452 dB.
>
>An antenna with a purely resistive load of 500 ohms (10/1 SWR) fed with
>RG213 has a loss of 1.181 due to the cable and an additional 2.702 dB due
>to the SWR for a total loss of 3.883 dB.
>
>The same antenna fed with 1/2 inch 75 ohm hard line has a loss of .420 DB
>due to the cable and an additional .032 dB due to SWR for a total loss of
>452 dB.
>
>Incidentally, I chose purely resistive loads just to simplify things. The
>program works with complex loads as well. If anyone would like a specific
>calculation you can eMail me. All that is needed is the type cable, the
>length of the cable, the frequency and the load, (resistive and
>inductive).
>
>Regards, Merv
>
I've had a couple of requests for examples directly addressing the length
of coax question:

At 28 MHz an antenna with an impedance of 70R +4J fed with 11.597 feet of
RG213(1/2 wave length at 28 MHz) has an impedance at the input of 69.28R
+3.76J. Virtually identical to the load, but even a halfwave of cable
does have some transforming characteristics due to it's loses. TLA
computes the SWR at load as 1.41/1 and at the input as 1.40/1.

The same antenna fed with 5.798 feet of RG213 (1/4 wave length at 28MHz)
has an impedance at the load of 35.77R -2.35J. An obvious transformation
of the impedance, however, the SWR is still 1.41/1.

If you feed the antenna with 1/2 wave of PERFECT COAX,(NO LOSSES) TLA
computes the impedance at input as 70.02R + 3.79J (The difference between

this and 70R and 4J can be attributed to rounding.)

Regards, Merv

5941. Re: CVI

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: wmunsil@aztec.asu.edu
Message-ID: <54uu44$oc@news.asu.edu>
Source record: 214049

Channel 18 is actually 144-150 Mhz with video carrier at 145.25
and audio at 149.25. You should be able to hear the audio on your
22M radio and/or police scanners.
145.25 should also be heard as a buzzing noise.
In some areas, leakage *from* the cable wipes out 145.25 Mhz repeaters!
--
I only check this account on weekends.
For faster service, use my juno account.
Bil Munsil n7aou@juno.com

5942. Re: Best of Squiggie: On Ham Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <54vh5m$nbo@lehi.kuentos.guam.net>
Source record: 214050
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

carl@ais.net (Carl Stevenson) wrote:

>In <54sfum$9m9@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net (Jim Kehler) writes:
>>What Squiggie Thinks about Hams:
>>
>>> a bunch of semi-senile olde fartz sitting around banging
>>> two pieces of brass together to make di di duh duh noises
>>
>>> BFD ... so you've talked to ### countries with a radio ...
>>
>>> Yeah, hanging out on 14.313 and screaming obscenties like an asshole
>>> really helps to keep one operationally sharp, all right ... so does
>>> seeing how badly you can stomp your competitiors int the dust in the
>>> contest of the weekend ... so does saying "What's your 10-10 number?"
>>> over and over and over again ... so does "UR 599 in ___ PSE QSL TNX
>>> <SK>"
>>
>>> .. they're either choosing to ignore the facts, or simply too stupid to
>>> understand them ... I find a little of both from the pro-code side at
>>> times ...
>>
>>> BULLSHIT, BULLSHIT, BULLSHIT! Ham radio is stuck in the 1950s or 1960s
>>> somewhere .....
>>
>>> The arrogance of hams!
>>
>>> average techno-ignorant pro-code fanatic will yell and scream
>>
>>> The majority of today's hams are so far behind the power curve of
>>> technology that they'd have to study 3 nights a week for six months just
>>> to try to catch up ...
>>
>>> about contests, >DXing, collecting "10-10 numbers" or any of the
>>> other inane, retarded "games" that idiots like you have convinced
>>> yourselves are "the reason" for ham radio's existence ...
>>
>>73, Jim KH2D
>>Lenny and Squiggie (C) Troll 1996
>>

>Jim,

>How dare you try to attach YOUR copyright notice to quotes of MY
>writings?

No, No. 'LENNIE AND SQUIGGIE' is (C) Troll (Steve, you're Personal Troll).

>I am flattered, in a way, that you appreciate my comments about you so
>much that you save them, but you really can't claim them as your own,
>just because they're ABOUT you ...

They are all yours, I don't claim them. About ME ? Someone needs to
teach you about singular and plural if they are about me......

>One last thing ... they do lose a bit when taken out of context like
>this ... perhaps the next time you feel the urge to regurgitate them,
>you'll include enough of the pro-code drivel that prompted them that
>they can be taken in context instead of in isolation ...

Oh, exuse me. I didn't realize that within the context of a discussion,
saying, for example, hams are "a bunch of semi-senile olde fartz sitting around
banging two pieces of brass together to make di di duh duh noises" meant
anything different within the context of that discussion than it did in
'isolation'. Are you trying to cover your tracks by saying that you are
justified in all you criticisms of ham radio because someone else said something
first that 'made you do it' ? That sounds like a great excuse. You type too
much to include everything, but I think a regular monthly 'Best of Squggie'
posting will be very beneficial to those people who just don't have the time to
read everything you write. Maybe if you get to see it all at once, it may even
calm you down a bit, who knows......

73, Jim KH2D

5943. Ham Radio.FAQ

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: john@wd1v.mv.com
Message-ID: <john-2710960536090001@wd1v.mv.com>
Source record: 214051

Announcing NEW Ham Radio.FAQ

This file started as a regular USENET posting called "rec.radio.amateur
.misc Frequently Asked Questions".

The evolving file was distributed far and wide thanks to passionate
contributors. The file was abandoned in 1994 and has been resurrected
now on the WWW for currency and convenience.

Ham Radio.FAQ contains 3 chapters and many, many links to radio
related sites!

1 - Introduction to the Ham Radio.FAQ
2 - Amateur Radio Organizations, Services, and Data Sources
3 - Amateur Radio Advanced and Technical Questions

Please provide a copy of the Ham Radio.FAQ to any new or soon-to-be Hams
that you know or share with them the URL to this site:

http://www.mv.com/ipusers/wd1v

John D. Seney
http://www.mv.com/ipusers/wd1v

5944. Re: Ham Gear for Sale....

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: kr4wm@sccoast.net
Message-ID: <3272dfa8.18110245@news.infoave.net>
Source record: 214052
Cross-posted to: rec.ham-radio,rec.ham-radio.swap,rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.swap,rec.radio.swap

On 22 Oct 1996 13:09:57 GMT, mjnoble@lucent.com wrote:

>
>In article <mwhite-1710961335190001@m14494-mac.mitre.org>, mwhite@mitre.org (Michael White) writes:
>|> > Reason for selling is that I just got married a few months ago and
>|> > either the Ham Gear or me go.
>|>
>|>
>|> "Yeah, my wife said she'd leave me if I didn't get off the radio. Over."
>
>
>Wife? I had one of those once!
>
>Martin - G8BPV

I'm glad you guys just reminded me, I have one of those that stays in the other room! I forgot about her a couple of years ago. I wonder if she's still there? ;->

5945. Re: Legal Action v.s. tech..

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: eplatt@wco.com
Message-ID: <3272fd66.4041807@news.wco.com>
Source record: 214053

clint.bradford@atdbbs.com (Clint Bradford) wrote:
>An Authorized KENWOOD Repair Center Technician???

No. He works at/for the local scanner store.

>What were the written warranties you received when the "tech" performed
>the mod?

None. And he charged me the money too, on top of fubaring the radio.

>Isn't this more of "let the modifier beware" rather than a case for
>litigation? I mean, you wanna face a judge and state that you had this
>guy modify your radio so that you could illegally access frequencies,
>and now you're upset?

Illigeally access frequencies?? Umm.. it's illigeal to recieve 470MHz?
What country are you in? This is the USA bub. We can listen into the 2
GHz and higher, but not cellular or 46.63 - 47 MHz.

If you brought a VCR into a shop because the display was broke, and
then they guy fries the whole unit, but fixes the display, you gonna
be a bit pissed too, eh?
What's the difference, I pay him to desolder two jumpers, he breaks a
trace or two. hmm..

5946. Re: Pro Code and No Code Debate

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <54vm3b$4lu@anomaly.ideamation.com>
Source record: 214054

In article <3272F93E.4411@ipass.net>, Dave Hockaday <wb4iuy@ipass.net> wrote:

>You know, I've wondered about the same thing. It seems that the codeless
>techs should have some CW spectrum, maybe share the nov/tech subbands.

You do. You have a CW slice on 50mhz and another on 144mhz.

Not to mention that the fact you haven't passed a code test does not
mean you cannot operate code whereever you have operating privileges.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

5947. Re: Jim Conn's OUTRAGEOUS pro-code agenda finally revealed

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <54vm14$4l6@anomaly.ideamation.com>
Source record: 214055
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <54mkjn$ku9@news.ais.net>, Carl Stevenson <carl@ais.net> wrote:

[mass spew deleted]

>>Sorry, Carl, but your claim doesn't hold water. The morse test serves as
>>a very nice filter to restrict to a reasonable number those who have
>>access to HF.
>
>OK, now we're getting to reality ... YOU don't want more people on
>"YOUR" HF bands (they might get too crowded for your antiquated
>methods), so you want to mantain a "filter" to "keep newcomers out"
>THAT IS PROBABLY THE FIRST HONEST STATEMENT YOU'VE MADE IN THIS ENTIRE
>DEBATE!!!

How does an examination that any "newcomer" can take, pass, and receive
privileges as a result "keep" people out? Seems that its a requirement,
you either do it or don't, and you either get the privs associated
with it or not.

"Filter" is a poor word, since nobody is forced to go through it if
they don't want to.

[more "technology is a wonderful thing" spew deleted]

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

5948. Looking for early Italian callbooks

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: Wolfango Horn <wolfango@globe.it>
Message-ID: <32738BCB.36E9@globe.it>
Source record: 214056

My father, Walter G. Horn - i4MK, an OM pioneer of the radio in Italy and author of technical papers in QST and QEX, is writing a book about the beginnings of radioamateur transmissions in Italy.
Unfortunately, both ARI (italian branch of IARU) and ARRL are not able to provide any callbook of italian radioamateurs operating from 1935 to 1940 in Italy.
Such callbooks were destroyed during the II World War.
He would be happy to have OMs' assistance in looking for them.
He firmly believes such a callbook could be traced, perhaps as a part of international radioamateur callbooks of that period, in USA, so the aim to complete his laborious compilation could be attained.
Thanks in advance. 73 & 51.

5949. Undeliverable message

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-27 00:00:00 UTC
From: POSTMASTER@CompuServe.COM
Message-ID: <961027144859_515664.456256_IHO53-56@CompuServe.COM>
Source record: 214057

Re: ? EMDRNF - Mail Delivery Failure. Receiver not found. 73542,3416
Info-Hams Digest V96 #1239

Your message could not be delivered as addressed.

--- Returned message ---

Sender: owner-info-hams@ucsd.edu
Received: from mail.ucsd.edu (ucsd.edu [132.239.254.201]) by arl-img-5.compuserve.com
(8.6.10/5.950515)
id JAA08022; Sun, 27 Oct 1996 09:48:45 -0500
Received: by mail.ucsd.edu; id EAA28772
sendmail 8.6.12/UCSD-2.2-sun
Sun, 27 Oct 1996 04:30:41 -0800 for info-hams-list
Errors-To: owner-info-hams@UCSD.EDU
Sender: owner-info-hams@UCSD.EDU
Precedence: List
Received: by mail.ucsd.edu; id EAA28754
sendmail 8.6.12/UCSD-2.2-sun
Sun, 27 Oct 1996 04:30:38 -0800 for info-hams-ddist
Message-Id: <199610271230.EAA28754@mail.ucsd.edu>
Date: Sun, 27 Oct 96 04:30:36 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@UCSD.EDU>
Errors-To: Owner-Info-Hams@UCSD.EDU
Reply-To: Info-Hams@UCSD.EDU
Precedence: List
Subject: Info-Hams Digest V96 #1239
To: Info-Hams@UCSD.EDU

Info-Hams Digest Sun, 27 Oct 96 Volume 96 : Issue 1239

Today's Topics:
Best of Squiggie: On Ham Radio
CVI
Dealing with contests
FS:NEW YAESU BATTERYS & SPEAKER MIC
Ham Radio.FAQ
Legal Action v.s. tech..
Looking for early Italian callbooks
Motorola Mocom-70 schime ?
SCREW THE CODE!!
TDD codes

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Sun, 27 Oct 1996 11:27:19 GMT
From: pacrimgolf@kuentos.guam.net (Jim Kehler)
Subject: Best of Squiggie: On Ham Radio

carl@ais.net (Carl Stevenson) wrote:

>In <54sfum$9m9@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net (Jim Kehler) writes:
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>>73, Jim KH2D
>>Lenny and Squiggie (C) Troll 1996
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>Jim,

>How dare you try to attach YOUR copyright notice to quotes of MY
>writings?

No, No. 'LENNIE AND SQUIGGIE' is (C) Troll (Steve, you're Personal Troll).

>I am flattered, in a way, that you appreciate my comments about you so
>much that you save them, but you really can't claim them as your own,
>just because they're ABOUT you ...

They are all yours, I don't claim them. About ME ? Someone needs to
teach you about singular and plural if they are about me......

>One last thing ... they do lose a bit when taken out of context like
>this ... perhaps the next time you feel the urge to regurgitate them,
>you'll include enough of the pro-code drivel that prompted them that
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posting will be very beneficial to those people who just don't have the time to
read everything you write. Maybe if you get to see it all at once, it may even
calm you down a bit, who knows......

73, Jim KH2D

Date: 27 Oct 1996 06:05:56 GMT
From: wmunsil@aztec.asu.edu (WILLIAM W MUNSIL)
Subject: CVI

Channel 18 is actually 144-150 Mhz with video carrier at 145.25
and audio at 149.25. You should be able to hear the audio on your
22M radio and/or police scanners.
145.25 should also be heard as a buzzing noise.
In some areas, leakage *from* the cable wipes out 145.25 Mhz repeaters!
--
I only check this account on weekends.
For faster service, use my juno account.
Bil Munsil n7aou@juno.com

Date: Sun, 27 Oct 1996 00:52:21
From: k0hb@hamlink.mn.org (Hans Brakob)
Subject: Dealing with contests

GG>From: gary@ke4zv.atl.ga.us (Gary Coffman)
GG>Newsgroups: rec.radio.amateur.misc

GG>Subject: Dealing with Contests
GG>Organization: Destructive Testing Systems
GG>Reply-To: gary@ke4zv.atl.ga.us (Gary Coffman)
GG>Message-ID: <1996Oct17.173440.3768@ke4zv.atl.ga.us>
GG>Date: Thu, 17 Oct 1996 17:34:40 GMT
GG>
GG>In article <32650198.121E@liant.com> barron@liant.com writes:
GG>>Howard Watson wrote:
GG>>>
GG>>> >Nobody wants to "ruin people's fun" by restricting contesting,
GG>>> but by the >same token why should my fun be ruined >by<
GG>>> contesting? If a small
GG>portion
GG>>> >of each band were reserved for non-contest stations during
GG>>> contests, I >believe everyone would be a lot happier.
GG>>>
GG>>> >MD
GG>>>
GG>>> VERY well put. I myself am planning on giving it a try, but I
GG>>> sure don't think it should fill every band. I also do not accept
GG>>> the "go to a WARC band" argument. MANY of the older radios do no
GG>>> have the WARC bands.
GG>>
GG>>Who shall decide the allowed percentage of the band to be used for
GG>>the contests? For other activities it's first come, first served.
GG>>Why should contesting be any different?
GG>
GG>Because the contest sanctioning body makes the rules?
GG>
GG>It is precisely because contesting is organized that it generates
GG>so much chaos on the bands. If each individual decided by himself
GG>when to contest, and under what rules to do so, there wouldn't be
GG>the band killing concentrations that organized contesting fosters.
GG>IE I might decide to work Sweepstakes on a Wednesday morning instead
GG>of a weekend if the contest sanctioning body didn't insist the
GG>contacts be made on the weekend, and another operator might decide
GG>Thursday afternoon was a good time for him. That's how other
GG>activities are done, but not contesting. Contesting is concentrated
GG>havoc whereas other activities are distributed more randomly and
GG>evenly. And that's a choice made by the contest sanctioning body.
GG>
GG>I don't have a good answer for what to do about contests.
GG>Cummulative contests have some features that make them better
GG>sharing partners because they spread activity over a greater time.
GG>OTOH, sprints limit the duration when the bands are unusable by
GG>others. Both have their pluses and minuses. Single band and/or
GG>single mode contests limit the problems for other bands and/or
GG>modes, but they totally wreck the band and/or mode of the day. OTOH,
GG>any band and any mode contests spread the load and aren't as
GG>disruptive to any particular other activity. Pluses and minuses

GG>again.
GG>Contesting is disruptive, and it is disruptive almost every weekend.
GG>Something should be done about that. I don't know exactly what, but
GG>some creative thought by the contest sanctioning bodies might come
GG>up with better solutions than what we have now. For example, and I
GG>don't know how practical this might be, the organizers could have
GG>a rule that no station participating in the contest could operate
GG>for more than 10 minutes out of every hour on a given mode or given
GG>band. Or they could say that contacts this hour only count with
GG>stations having the same first letter in the suffix of his call
GG>as yours, etc. Surely there is some way to dampen the peak loads
GG>so that the bands remain usable by others.
GG>
GG>Or, how about this? Lets have a new entry class for contests. This
GG>class is for stations who listen only and provide reports of
GG>stations transmitting over non-contest stations. Each report would
GG>be worth 1 point to the reporter, and would result in 10 points
GG>being subtracted from the score of the station reported. I bet we
GG>could get a lot of stations to participate in that, I might even be
GG>tempted to submit a log, and it might do wonders for the operating
GG>manners of contesters. Bet a lot of them would wind up with negative
GG>scores. :-)
GG>Gary
GG>--
GG>Gary Coffman KE4ZV | You make it, | Due to provider
GG>problems Destructive Testing Systems | we break it. | with
GG>previous uucp addresses
GG>534 Shannon Way | Guaranteed! | Email to
GG>ke4zv@radio.org Lawrenceville, GA 30244 | |
GG>
GG>---
GG> * Origin: HamLink RBBS - 612/HAM-0000 v.34 St. Paul, MN
GG>(1:282/100.0)

Date: Sat, 26 Oct 1996 22:08:25 -0700
From: John Lee <aw688@lafn.org>
Subject: FS:NEW YAESU BATTERYS & SPEAKER MIC

FS:NEW YAESU BATTERYS & SPEAKER MIC
ALL BATTERY IS MAKE BY YAESU

FNB-31 $ 30 +SHIP
FNB-38 $ 30 +SHIP
FNB-40 $ 30 +SHIP
FNB-41 $ 30 +SHIP

NEW YAESU SPEAKER MIC

MH-12 $ 20 + SHIP

Date: Sun, 27 Oct 1996 10:36:08 GMT
From: john@wd1v.mv.com (John D. Seney, WD1V, LeCroy T&M 800.553.2769)
Subject: Ham Radio.FAQ

Announcing NEW Ham Radio.FAQ

This file started as a regular USENET posting called "rec.radio.amateur
.misc Frequently Asked Questions".

The evolving file was distributed far and wide thanks to passionate
contributors. The file was abandoned in 1994 and has been resurrected
now on the WWW for currency and convenience.

Ham Radio.FAQ contains 3 chapters and many, many links to radio
related sites!

1 - Introduction to the Ham Radio.FAQ
2 - Amateur Radio Organizations, Services, and Data Sources
3 - Amateur Radio Advanced and Technical Questions

Please provide a copy of the Ham Radio.FAQ to any new or soon-to-be Hams
that you know or share with them the URL to this site:

http://www.mv.com/ipusers/wd1v

John D. Seney
http://www.mv.com/ipusers/wd1v

Date: Sun, 27 Oct 1996 06:16:55 GMT
From: eplatt@wco.com (Evan Platt)
Subject: Legal Action v.s. tech..

clint.bradford@atdbbs.com (Clint Bradford) wrote:
>An Authorized KENWOOD Repair Center Technician???

No. He works at/for the local scanner store.

>What were the written warranties you received when the "tech" performed
>the mod?

None. And he charged me the money too, on top of fubaring the radio.

>Isn't this more of "let the modifier beware" rather than a case for
>litigation? I mean, you wanna face a judge and state that you had this
>guy modify your radio so that you could illegally access frequencies,
>and now you're upset?

Illigeally access frequencies?? Umm.. it's illigeal to recieve 470MHz?
What country are you in? This is the USA bub. We can listen into the 2
GHz and higher, but not cellular or 46.63 - 47 MHz.

If you brought a VCR into a shop because the display was broke, and
then they guy fries the whole unit, but fixes the display, you gonna

be a bit pissed too, eh?
What's the difference, I pay him to desolder two jumpers, he breaks a
trace or two. hmm..

Date: Sun, 27 Oct 1996 08:20:27 -0800
From: Wolfango Horn <wolfango@globe.it>
Subject: Looking for early Italian callbooks

My father, Walter G. Horn - i4MK, an OM pioneer of the radio in Italy and
author of technical papers in QST and QEX, is writing a book about the
beginnings of radioamateur transmissions in Italy.
Unfortunately, both ARI (italian branch of IARU) and ARRL are not able to
provide any callbook of italian radioamateurs operating from 1935 to 1940
in Italy.
Such callbooks were destroyed during the II World War.
He would be happy to have OMs' assistance in looking for them.
He firmly believes such a callbook could be traced, perhaps as a part of
international radioamateur callbooks of that period, in USA, so the aim
to complete his laborious compilation could be attained.
Thanks in advance. 73 & 51.

Date: 27 Oct 1996 06:14:10 GMT
From: harel@glx.chief.co.il (Harel Shachar)
Subject: Motorola Mocom-70 schime ?

I'v got an old Mocom - 70 (2 meter) from a friend. it is a larg old Vhf
transciver, should be 25 years old.
the set is in a farly good condition and i'd like to tray and work with it.
Can anybody help with its schime?

Regards & 73
Harel 4x4 3018

harel@glx.chief.co.il

Date: 22 Oct 1996 06:58:21 GMT
From: jherman@Hawaii.Edu (Jeffrey Herman)
Subject: SCREW THE CODE!!

In article <546bnr$dsa@news.ais.net>, Carl Stevenson <carl@ais.net> wrote:
>Jim ... all one has to do is look/listen to the bands ... there is no
>way to dispute the fact that the vast majority of the technology in use
>dates back to at least the 1950s ... some of it (Morse code) to the
>early 1800s ...

Communicating by voice dates back to prehistory. Yet you use a voice
mode to yack on the vhf rptrs, Gargle.

>ham radio has been left stagnating in the past as the
>rest of the world has strode forward in great leaps and bounds ... the
>fact that you have no understanding of (or desire to learn about) modern
>communications technology does NOT change the reality that you refuse to
>accept ...

You're part of the problem, Gargle. You won't put that dang HT away.

>No ... despite your aversion to reality, we are a service with a hobby
>aspect ...

Ah - you used the H-word again. Up until now you've been denying that
there was any hobby aspect about AR. You're finally starting to break.

>Carl - wa6vse
(Tech+ for 21 years)

Jeff KH2PZ

Date: 27 Oct 1996 06:33:44 GMT
From: wmunsil@aztec.asu.edu (WILLIAM W MUNSIL)
Subject: TDD codes

Does anyone know the codes for TDD - teletype devices for the deaf?
Is it standard ASCII or some other code? What speed do they use?
73 es Tnx.
I would like to use my modem on the phone with deaf friends.
--
I only check this account on weekends.
For faster service, use my juno account.
Bil Munsil n7aou@juno.com

End of Info-Hams Digest V96 #1239
****

5950. CASH FOR RADIO SUPPLIES

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-28 00:00:00 UTC
From: "Conrad R. Dery, Jr." <conradjr@bright.net>
Message-ID: <01bbc483$d2664c20$8c74d4cd@default>
Source record: 213908
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.b

Take a few minutes and read this. It could change your life!!!!

This is your chance to earn BIG BUCKS

This is for real....no gimmicks!!!

I read this article from a news group telling me I could make $50,000.00 in
as little as a month from an investment of only $5.
It sounds like a scam but it is legitimate. If you doubt it check out
Title 18 section 1302 of the U.S. Postal service and regulations.
It is --NOT--ILLEGAL--IT IS NOT A --CHAIN LETTER--IT IS TOTALLY
LEGITIMATE!!!!!!!!!
I decided that an investment of only $5.00, 5 envelopes and 5 first class
stamps was not going to break me even if I didn't receive any money back.
I can't guarantee that you will make money, who can, but the chances that
you won't are extremely small.

So here it is.........The procedure is simple

First.

Write your name and address on five separate sheets of paper.
Next write "Please add me to your mailing list" on each piece of paper.
Fold a ONE DOLLAR BILL in each piece of paper and mail one to each of the 5
following addresses:

---

1. ERIC FINCH, P.O. BOX 245 LUFKIN, TX 75901

2. KIP GRIFFIN, 349 W. WEBSTER, MUSKEGON, MI 49440

3. PETER SIMMONS, 668 CLAY #118, SAN FRANCISCO, CA 94111

4. JOE D'BELLA, 4611 TWISTED OAKS DRIVE #1916, RALEIGH, NC 27612

5. CONRAD DERY, 817 N. WASHINGTON ST., VAN WERT, OH 45891

Second

Remove the first name on the list and move the other four people up. For
example (5 becomes 4, 4 becomes 3,) etc....
Put your name and address as number 5
You can do this by re-typing this article or edit it and re-post it.

Third

Post your amended article to at least 200 news groups. This may seem like
a lot but it is easy to post to more than one at a time and there are over
17,000 different news groups so there is no shortage of space to post. The
more news groups the better your chances of being seen.

CONGRATULATIONS!!!!!!!!!!

You are now in the mail order investment business.
You will start to see results within 7 to 14 days
Remember, the more news groups you post to, the bigger your return will be.
You may want to get a post office box to handle all of your mail.
If you wish to remain anonymous you can use a pseudonym such as "The
Manager" or "The Investor", but be sure your address is correct!!!

How and Why the system works.

Out of every 200 postings you make you receive an average of 5 replies,
each with a dollar bill enclosed. Yes only 5, as an average.
It looks small at first but when you analyze it you see the beauty of your
investment.
With 200 postings you make $5.00 with your name at number 5
Each person who sent you $1.00 now makes at least 200 postings with your
name at number 4.
You have made $50.00
Your 50 new agents make 200 postings each with your name at number 3.
Now there have been a total of 10,000 postings. The average return is 500
at $1.00 each is $500.00
They make 200 postings each with your name at number 2.
Now there are 100,000 postings with your name on them.
Now expect 5,000 returns at $1.00 each...WOW $5,000.00
Finally 5,000 people make 200 postings with your name at number 1
You get a --$50,000-- return before your name drops off the list.
AND THATS IF EVERYONE ON THE LIST MAKES ONLY 200 POSTINGS!!!
Total possible income in one cycle = $55,555.00

From time to time, when your name drops off the list, you take the latest
posting that appears in a newsgroup and simply add your name and another $5
and your back in.

Remember 200 postings is only a guideline
The more you post, the more you receive

REVIEW

The cost to you--$5.00 + 5 stamps + 5 envelopes

There are millions of internet users and hundreds of thousands of new
customers every month which gives you millions of prospective agents.

17,000 + newsgroups to post your article to.

Read the instructions carefully and act fairly
That is the only way the system will work properly
Keep a list of everyone that sends you money and monitor the newsgroups to make sure everyone is being fair
Print this out and refer back to it in the future.

Get ready to make the easiest money you have ever earned!!!!

5951. Re: Reply to Spam accusation

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-28 00:00:00 UTC
From: doboec@ix.netcom.com
Message-ID: <551rdj$1ia@dfw-ixnews11.ix.netcom.com>
Source record: 213909
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.snowmobiles,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketplace.vinyl,rec.music.makers.guitar.acoustic,rec.music.dylan,rec.music.artists.kiss,rec.motorcycles.dirt,rec.models.rockets,rec.games.video.classic,rec.games.video.advocacy,rec.games.roguelike.nethack,rec.games.frp.misc,rec.crafts.textiles.quilting,rec.crafts.metalworking,rec.collecting.dolls,rec.collecting.coins,rec.boats.paddle,rec.boats,rec.bicycles.racing,rec.bicycles.misc,rec.autos.makers.honda,rec.arts.sf.movies,rec.arts.movies.past-films,rec.arts.marching.drumcorps,rec.arts.bodyart,rec.aquaria.marine.reefs,rec.antiques.radio+phono

>Chet:
>
>You posted this in at least 30 arbitrary and unrelated newsgroups.
This
>is called spamming, and is very extremely rude in terms of Internet
>etiquette.
>
>Please stop now and don't do this again. I'm writing you in the hopes
>that you're simply clueless and not a habitual spammer. If I thought
>otherwise, I would send my complaint to your service provider. When a
>service provider gets over a thousand or so complaints about one
>account, they tend to figure that that account is not worth the
trouble,
>and that account tends to go away. That's how this Internet thing
works;
>you have been warned.
>
>--dan fox

Dear folks, Just a quick note to say that I only posted my note to a Drum Corps user group and Percussion user group...(Sounds logical?---it was a drumming event announced). I have no clue how my post could be posted to user groups that are------ irrelevent to my to my subject matter------ user groups for the most part that I have no personal interest in --and many groups that I didn't even know existed

I think somebody is somehow using my access or something. I find this whole mess very depressing. I would appogize, but honestly I have no clue as to how I could be responible for these multiple posts to sites that have no relevance to my topic.(none of these groups are in my address book) I do regret that so many people are upset, but I assure you that I AM NOT in any way knowingly resposnible. I do feel very depressed about this situation, and I hope you all can be compassionate about my predicament..

Sincerely
Chet Doboe
>

5952. Icom Z1-A/C

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-28 00:00:00 UTC
From: Michaelm@iquest.net
Message-ID: <DzyM7q.Ho5@iquest.net>
Source record: 213910

Does anyone know if/how you can modify the ICOM Z-1A/C so that when it powers up, instead if "ICOM", it will display something else, such as my name?
Thanks in advance,
Michaelm@iquest.net KB9OSH
Michael T. McAndrews, Jr.
KB9OSH
E-Mail : Michaelm@iquest.net
Home Page: http://www.iquest.net/~michaelm

5953. Re: Jim Conn's OUTRAGEOUS pro-code agenda finally revealed

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-28 00:00:00 UTC
From: Jim Conn <jconn@gte.net>
Message-ID: <3274F6BC.3BEC@gte.net>
Source record: 213911
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Carl Stevenson wrote:
>
> You also omit Conn's blatherings about how it "is government's
> obligation to limit access to HF so all the would-be American hams don't
> trash the bands for foreigners" ... why do you choose to omit some of
> the more blatantly absurd parts of Conn's blatherings and attempt to
> defend the less obviously absurd parts (when taken in isolation, they
> may be less obviously absurd, that is)???
>
> Carl - wa6vse
> carl@ais.net

Carl, you really don't understand how HF works. Getting too many people on a given set of frequencies has repercussions throughout the world, because of ionospheric propagation. The U.S. has treaty obligations with other nations to supervise the radio spectrum in order to ensure the spectrum remains viable. The government has vested the FCC with the authority to do just that. If you won't recognize that fact, then there is no sense continuing to discuss it with you. I realize that you reject the role of the ARRL, but I didn't know you rejected the role of the FCC as well. You are in favor of HF anarchy, just as 11 meters (CB) became anarchy when the doors were opened to everyone and the rules went out the window. Get real.

5954. HAM?? Shortwave??? HELP! Drowning newbie!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-28 00:00:00 UTC
From: au127@freenet.toronto.on.ca
Message-ID: <E00BEq.7tB.0.queen@torfree.net>
Source record: 213912

I am interested but I dont know where to start.
Where can I get FAQ's etc.?

--
Jeremy Craigs au127@freenet.toronto.on.ca
Ask me no questions, I'll tell you no lies.

And now, for something completely different...

5955. Re: Help With ATV

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-28 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct28.063036.18863@ke4zv.atl.ga.us>
Source record: 213913

In article duane@ripco.com (Duane Whittingham) writes:
>
>Here is the kicker, the Batallion has agreed to purchase for us complete
>equipment for ATV. Yes, we can have ATV on the command vehicle to transmit
>live fire or other incident video back to the fire stations or EOC's.
>But we think we will have a problem getting a good signal off the truck.
>We probably will go UHF from the truck to our EOC and relay it to a Chicago
>ATV repeater on 1.2 gHz. This is of course this is in the early planning
>stages and want & NEED your help and input. We have some decent size
>structures and buildings in the area as well as some forest preserves.
>We are wondering how high will we need to get the signal out (i.e. a large
>mast on the truck?). Also we want to cover all or as much as possible of the
>entire batallion, which covers an approx 11 miles north/south and approx 5
>miles east/west. Any help or suggestions would be appreaciated.

I would suggest you take your cue from the folks who relay live
video from the field for a living, the TV ENG crews. Almost universally,
their first choice is a 2 GHz FM video link. A 10 watt transmitter
and a disc yagi with a 4 foot boom length, or a 2x3 foot offset feed
dish with switchable polarization sense, is the usual choice for
transmit, and a steerable 4-6 foot dish with switchable polarization
sense is the almost universal choice for reception. Range is typically
50 miles in favorable terrain.

A 30 to 50 foot pneumatic mast is typically used to get the transmit
antenna above local clutter, and includes a pan-tilt head to aim the
antenna. The receive sites are located on high points with good overlook
vantages to the desired coverage area. At least two receive sites are
usually necessary in urban terrain, oriented to align with East-West
and North-South streets. This allows you to shoot between buildings
in one direction or the other from most locations. A pan-tilt unit
and switchable polarization sense are musts at the receive site.

A major supplier of transmitters, receivers, and antennas is Microwave
Radio Corp. A supplier of remote control systems for receive sites
is Troll Technology. If you go all commercial, mast, antennas, radios,
and controller, you're looking at spending $15,000 or so to setup one
mobile unit and one receive site. Of course as amateurs we can seriously
cut some corners. Suitable FM video tx and rx kits are available for
a few hundred dollars, and we can make our own disc or loop yagi
antennas. The site controller can be a PC with a relay control board,
a modem, and a bit of amateur written software. The masts and pan-tilt
units still need to be purchased, however, and they aren't cheap. You'll
also need fixed microwave relay links back from the recieve sites to the
EOC transmission control center. These would typically use a higher

frequency microwave band, broadcast typically uses either the 6-7 GHz band or the 23 GHz band for fixed links. You can use the amateur 10 GHz band.

An experienced ENG crew can setup a live shot in a minute or two. They've learned their coverage area, know which receive site is most likely to service them, and are skilled in the use of bounce shots, knife edge defraction shots, and the like to clear obstacles between their location and a receive site. Close coordination is required between the ENG crew and their transmission engineer controlling the receive sites. That can be by 2-way radio, but more typically today it is via cellular phone. This is *not* a skill you can pick up in a few minutes. It takes months of in the field training to make a good ENG tech or transmission engineer.

UHF VSB transmission using linear polarization is generally unsuitable for this type of activity. There's too much multipath due to the necessarily limited antenna size on the remote vehicle, and too much power is required to overcome losses using VSB compared to the advantage offered by the FM threshold effect. FM capture, and the careful use of switched polarization senses, LHCP, RHCP, and H (V polarization is usually worthless), allows ghost free pictures and a broadcast quality 42 db SNR in almost all cases on 2 GHz. With UHF VSB, that's rarely the case.

If you don't need full motion broadcast quality pictures, there is another alternative. Use a pair of 56 kb RF modems and link PCs at the site and the EOC. Then use one of the video conferencing packages designed for use over the internet. We've had good luck using the 56 kb RF modems mobile on the 222 MHz band. Ten watts transmit from an omni-vertical on the mobile and a good high receive site should handle your entire coverage area (you can link the receive site back to the EOC via an ISDN line if necessary, or setup a 56 kb duplex repeater at the high site). This is a much cheaper approach, manpower requirements and training are much less, and picture quality is acceptable for damage assessment purposes.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

5956. Re: Hams Need to Develop Better Communications Technology

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-28 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <553aa4$63i@anomaly.ideamation.com>
Source record: 213914

In article <john-2810960724110001@wd1v.mv.com>,
John D. Seney, WD1V, <john@wd1v.mv.com> wrote:

>So my premise is that for amateur radio to really grow and not die,
>it must, as a hobby, have functional communication capabilities that
>are SUPERIOR to what Hobbyist/Commercial Services currently use.

The problem with your scenarios is that computers != amateur radio.
Amateur radio is about communications. Computer systems are not.
Amateur radio is not going to replace the Internet. Never will.
If that is your goal, you might as well give it up now, 'cuz it is
never going to happen.

>This was the drawing card that started it all and its the one that is
>lacking now. Without it, we are pushing a covered wagon along a freeway
>and the traffic is going to run us over. We can only keep what we have
>if we invest in things better than what we own.

50 years ago radio was technology. HF communications was "hi-tech".
Today, it is passe. Computers have replaced the HF communication rigs
of 50 years ago.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

5957. Amateur Radio Newsline #1002 25 Oct 1996

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-28 00:00:00 UTC
From: bigsteve@dorsai.org
Message-ID: <VNhcyQQI8VCH092yn@dorsai.org>
Source record: 213915
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB NEWSLIN @ ALLBBS $NLIN.1002
Amateur Radio Newsline #1002 25 OCT 1996

The Newsline Information and Copyright Notice is now published seperately every month. Please read this notice before using any part of Newsline in any manner. For a copy of the notice e-mail bigsteve@dorsai.org or netmail Steve Coletti @ 1:278/230 on Fidonet.

NEWSLINE RADIO - CBBS EDITION #1002 - 10/25/96

(**)
(* *)
(* A M A T E U R *)
(* *)
(* R A D I O *)
(* *)
(* N E W S L I N E *)
(* *)
(**)

The following is late news about Amateur Radio for Radio Amateurs as prepared from NEWSLINE RADIO scripts by the staff of the AMATEUR RADIO NEWSLINE, INC., formerly the WESTLINK RADIO NETWORK. Amateur Radio Newsline is a audio news service distributed via telephone.

This hardcopy version is produced by Dale Cary - WD0AKO from scripts provided to him weekly by Newsline. It is then distributed to on-line services, bbs networks and internet user jointly by Dale Cary and Steve Coletti.

Editorial comments, news item and all other business should be directed to:

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For further information about the AMATEUR RADIO NEWSLINE, please write to us with an S.A.S.E. at:

NEWSLINE
c/o Andy Jarema-N6TCQ
P.O.Box 660937
Arcadia, CA
91066

Thank You,
NEWSLINE

(**********
Some of the hams of AMATEUR RADIO NEWSLINE: WA6ITF WB6MQV WB6FDF K6DUE W6RCL N6AHU N6AWE N6TCQ K6PGX N6PNY KU8R N8DTN W9JUV KC9RP K9XI KB4KCH KC5UD KC0HF G8AUU WD0AKO DJ0QN and many others in the United States and around the globe!!!
(**********
[1002]

(* * * * * CLOSED CIRCUIT ADVISORY * * * * *

The following advisory is not necessarily for broadcast. This is just a reminder that the address for the Newsline Support Fund is:

Newsline
c/o Andy Jarema N6TCQ
P.O.Box 660937
Arcadia, California
91066

Again, and as always, we thank you. This ends the closed circuit with Newsline report number 1002 for release on Friday, October 25th, 1996 to follow.

(*****
The following is a QST

Congress puts part of a ham band up for sale, the FCC says goodbye to a lot of rules and an FM repeater is now on the air from space. Find out where it is on Newsline report number 1002 coming your way right now.

(*****
CONGRESS DIRECTS FCC TO SELL PART OF 2.3 GHZ BAND

Part of a ham band is being put up for auction to the highest bidder and the United States Congress is sponsoring the sale.

For what may be the first time in history, the U.S. Congress has ordered that specific radio frequencies be re-allocated. This includes 5 MHZ that Amateur Radio shares with government services between 2305 and 2310 MHZ. During its final hours before adjourning, members of the 104th Congress

approved a provision as part of a larger appropriations bill.
That provision directs the FCC to take 30 MHZ of spectrum from the 2.3-GHz region and sell it to the highest bidder. This, to help balance the budget. Back in May of 1994, the National Telecommunications and Information Administration identified the amateur segments 2300-2310 MHZ and 2390-2400 MHZ for reallocation.
But this latest move by Congress comes as a big surprise, nonetheless. That's because of what happened last year when hams scored a major victory by getting primary allocations on the 2390-2400 MHZ and 2402-2417 MHZ subbands. While many assumed that the government would now leave the entire band alone, Capitol Hill lawmakers proved them wrong. The recent congressional action reallocates 2305 to 2320 MHZ and 2345 to 2360 MHZ to wireless services that are consistent with international agreement concerning spectrum allocations.
The action was included in the massive, 2000 page Omnibus Consolidated Appropriations Act, which Congress passed and President Clinton signed. The act is now Public Law 104-208 it's only a matter of time before the FCC tells hams to leave.
The big question on everyones lips. Is this an isolated action by congress or a precursor of things to come.

(*****
MORE HF BANDS

Will there be more ham bands in the future for ham radio? Possibly, according to ARRL President Rod Stafford, KB6ZV. In answer to a question posted at the Leagues recent Southwestern Division Convention in Mesa Arizona, Stafford said that with the move of many communications services to new communications technology in the UHF and microwave spectrum that more frequencies in the high frequency range could become available in the future. Stafford stressed that nothing is concrete and that the ARRL is not now actively pursuing new low band allocations, but that an eye is being kept on the situation to see what happens as we approach the next century.

(*****
ARRL BoD MEETING

By the way. The ARRL Board of Directors is holding its third annual meeting of 1996 as this newscast goes to air. We will have a complete wrap-up on that gathering, next week.

(*****
UNIVERSAL RECIPROCAL HAM LICENSE

A universal reciprocal ham license, good in 32 nations worldwide, is now under serious consideration by the FCC. The agency has issued a Notice of Proposed Rule Making with the intent of permitting hams from numerous foreign countries to operate their stations while on short visits to the United States.

If approved, the new policy will codify two pending international reciprocal operating agreements that have been under consideration for several years. Hams from about two dozen European nations and ten Central and South American countries would be included in the agreement.

(*****
BROADCAST STATION FINED

The FCC has fined WVIC FM of East Lansing Michigan $8000 for using forbidden language on the air. The penalty was imposed after the FCC received complaints made by on-air callers to a live talk show aired by the station on June 3rd.

According to an FCC release, the language broadcast by the station contained patently offensive terms. Such language is banned from the airwaves from 6 AM to 10 PM. This is the first fine issued to a broadcaster since 1994 for violating the governments indecent language rule. The station is expected to file an appeal.

(*****
COMMISSION ELIMINATES INTERNAL REGULATIONS

The FCC has announced that it has eliminated more than two-thirds of all internal management directives and revised a number of others. According to an October 7th release, the streamlining of the remaining regulations has made it possible for FCC employees to receive faster, more efficient support services, while saving much of the agencys' resources.

(*****
TUCKER ELECTRONICS BOWS OUT OF HAM RADIO BUSINESS

The consolidation continues in the world of ham radio retailing with yet another major player leaving the arena. Tucker Electronics has closed its Dallas, Texas, ham radio retail outlet and mail-order business and sold its inventory to Ham Radio Outlet. The move puts about 15 people out of work, according to Tucker's executive vice president and CEO John Holloran Jr.

Ham Radio Outlet also acquired the assets of the Oklahoma Comm Center, which Tucker acquired in July. Plans call for the consolidation of Tucker's retail and mail-order operations at HRO's New Hampshire store where Tucker's toll-free order number will be answered for now. Ham Radio Outlet will also continue to market the Tucker brand of accessories.

Tucker's Holloran says that the move will allow his company to concentrate on its core business, distributing new and reconditioned electronic test and measurement equipment.

(*****
NEW KENWOOD FTP SITE

On a brighter note, Kenwood Communications has announced the addition of an extensive FTP site that includes many service bulletins and product application notes dating back to 1975. The company says that it receives over 100,000 hits to its website every year and expects the new service to be of great help to its customers and service providers.

The address of the Kenwood home page is:

http://www.kenwood.net

The ftp site is:

ftp://ftp.kenwood.net

(*****
ARRL ON LINE

The American Radio Relay League is dropping two of its on-line accounts due to a noticeable decline in use by League members. Effective November the 1st, the ARRL will no longer be active on either GEnie or Prodigy.

Pointers to other sites still offering League services, such as ARRL Web, InfoServer, CompuServe and America Online will be posted on both Prodigy and GEnie before the ARRL disappears from these services. These pointers will include instructions on how to subscribe directly to W1AW bulletins.

For those not aware, it appears as if America Online's Ham Radio Club BBS is fast becoming the hottest spot for mainline ham radio discussions. Compuserve still remains the favorite of those involved in the high tech aspect of our hobby.

(*****
NEWSLINE HOME PAGE

Speaking of on-line services, a quick reminder that Newsline maintains a major presence in the America Online Ham Radio Club.

We also have a new home page created by Dale Cary, WD0AKO that contains the weekly scripts, profiles on Newsline personnel, information on the Young Ham of the Year Award program and other interesting topics. The Universal Resource Locator to reach the Newsline home page on the World Wide Web from your computer is:

http://rrnet.com/rrra/newsline.html

(*****
SAFEX ON THE AIR

SAFEX 2, the German built ham radio FM repeater in space is now fully operational. SAFEX, which is a German acronym for the Space Amateur Funk Experiment, is operating from aboard the Russian MIR Space Station Complex.

The test configuration has been powered on since July 12, 1996. The first hardware tests involved only the stations digital speech recorder. During that phase of operation, pre-recorded messages from the MIR crew were copied by many ground stations on 437.925 MHZ. The messages were received with hand- held radios.

Joerg Hahn, DL3LUM, the SAFEX International Coordinator, reports that the F-M repeater section was brought on line for testing back on July 19th. There, a short contact was achieved by Matt Bordelon, KC5BTL, operating as

W5RRR with one of the cosmonauts. The first open use of the repeater to establish a ground to ground QSO was performed between DF0VR, IV3WLQ, and LY3BH. Dave Larsen, N6JLH, performed the first ground-to-ground QSO in North America with Scott Avery, WA6LIE.

SAFEX II is a project of the German Amateur Radio Club, and managed by the Ham Radio Group, DF0VR, at the German Aerospace Research Establishment. The project is supported by DARC, DLR, NPO Energia and Russian radio amateurs.

More about operating through the SAFEX 2 ham radio repeater in space can be found on the AMSAT bulletin board and other sites on the world wide web.

(*****
SAREX QSL CARD STATUS

If you are still waiting for a QSL card for a contact that you made during the STS-78 SAREX mission, here is an update.

Frank Bauer, KA3HDO, that at this point, the STS-78 QSL cards have not yet been distributed. It usually takes about six months to develop the QSL art work, get it approved by the astronauts, print them up, and send them out.

(*****
SMOOTH SAILING FOR SEDSAT

Some good news on the experimental SEDSAT satellite project. Dennis Wingo, KD4ETA, the project manager reports that as of Sunday September 22 the SEDSAT satellite has passed a very crucial and important milestone. They have the software tasking up and running and have successfully connected over the Mode L transponder.

(*****
SAT-MED DEMO

Technologies for the emerging practice of tele-medicine have been demonstrated to doctors in Africa. This, in conjunction with a recent International Telecommunications Conference in Geneva. The ITU says it held the demonstration to assist the African Regional Telecommunications Conference held in Abidjan. One demonstration used an Inmarsat type B satellite to transmit audio and video of a medical procedure. Another demonstration transmitted medical data through an Inmarsat type M bird to a mobile satellite terminal.

(*****
GB2RS BROADCAST TIMES CHANGE

From the United Kingdom, word that the 40 meter GB2RS news broadcast on 7047.5 kHz, which is widely heard over Western Europe, moved to a new time of 10:00 AM on the 29th of September.

This broadcast is from the station of Jimmy Porter, GI3GGY in Londonderry, Northern Ireland. Also from Londonderry, the 2 meter GB2RS

broadcast at 10:00 AM on channel S-21 from the station of June Dunne, GI4MJD, moved to 9.00 a-m on the same date.

(*****
FCC EXPANDS TOLL FREE PHONE SERVICE

Closer to home, the FCC says that residents of 26 states now can reach the FCC's National Call Center by simply dialing 1-888-CALL-FCC.

Arizona, Washington DC, Iowa, Maryland, Massachusetts, Missouri, New Hampshire, Oregon, Rhode Island, Texas and Washington state are the latest to join the growing list as the Commission phases in the toll-free information service geographically. States added to the system earlier this year include Delaware, Florida, Georgia, Illinois, Kansas, Maine, Michigan, Minnesota, Montana, Nebraska, Oklahoma, South Carolina, Vermont, Virginia and Wyoming.

Plans call for the service to be available nationwide by early 1997. The Call Center, located in Gettysburg, Pennsylvania, operates between 8 AM and 5:30 PM Eastern Time.

(*****
DX OPERATIONS

In DX news, WB2DND will once again be active from the United Arab Emirates from November 3rd to the 8th from A61AD's QTH. He will be on all bands including 160 meters. Don has reportedly shipped a 1000 feet of wire to put up an inverted L and beverage aimed at Europe and North America.

SM0BFJ, reports that Gus, 5X1D, in Uganda is active every day between 1730-1800z on 50.150 MHZ. He also says that Gus is the first station ever to be active from Uganda on 6 meters. QSL 5X1D via SM0BFJ.

(*****
ARGENTINA BEACON

LU9AUY, reports having a part-time beacon using his call sign active on 28.197 MHZ. The beacon system uses a Kenwood TS-870 at 10 watts out into a 3 element Cushcraft Yagi antenna. LU9AUY says that he normally leaves the beam pointed at Europe though he sometimes points it toward the Caribbean or the USA. The beacon is active on his weekday afternoons.

(*****
DARA SCHOLARSHIPS

The Dayton Amateur Radio Association is now accepting applications for its $2000 scholarships. Eight scholarships will be awarded. Initial applicants must be licensed Amateur Radio operators and high-school seniors graduating in 1997. To obtain an application, send a request with a self addressed, stamped envelope to:

DARA Scholarships
45 Cinnamon Ct
Springboro, OH

45066-1000

(*****
QLF

Just about every ham knows that the Q-Signal known as QLF is an indicator of a rather poor Morse code operator. If another ham tells you to QLF he is actually telling you that you sound as if you are sending CW with your left foot. But not this time. Charlie Kotterman KA8OQF has this report that will make you think twice when you hear the term QLF:

Last summer while visiting relatives in Arizona I attended the local premier of the John Travolta film Phenomenon. You may have heard my report about the critical plot twist involving ham radio. And what appeared to be an inside joke with Forrest Whittikers character using the call WB6QLF.

As all us cw ops know, the signal QLF is the request for a less than precise operator to send with his left foot. Imagine my surprise, when after a little digging I discovered that WB6QLF is a real person, who worked closely with his then next door neighbor who wrote the script for Phenomenon. The writers name is Gerald Tapago:

"I knew nothing about ham radio operation, but luckily I had a neighbor who was very versed in it, so he helped me. I immediately called Charley and said, This is what I want to do in the story. How would it work. And he helped by explaining it to me. And then I sent him a draft of the script before I sent it out to anyone. So he could kind of check out that area of the script. I asked Charley if in the script I could go ahead and uses his actual callsign. And he said yes. Disney had to have him sign things so he could waive that. And so that is the one inside thing I know about that. It is an actual callsign and Charley was nice enough to let me use his callsign." Tapago

The ham who helped all this come about says that all the attention he has gotten has come as a complete surprise. By his own admission, he is a bit publicity shy. But he did consent to answer the big question on my mind.

Chuck Roblin, WB6QLF, are you a real person?

"Yea, I just wanted to say that, this is on the level. And the screen writer Gerald Tapago, is a very good friend of mine. I'm the for real WB6QLF." WB6QLF

As it turns out, the fictional character is one of the years top movies does have a real life counterpart, and one that all of us can be proud of.

(*****
And for this week, that's all from the Amateur Radio Newsline. You can write to us at:

NEWSLINE
P.O.Box 660937
Arcadia, California

91066

For now, with Bill Pasternak, WA6ITF at our editors desk, we at Newsline say 73 and we thank you for listening.

(* * * * Newsline is copyright 1996 & all rights are reserved. * * * *

--
< ^^>
< "Big Steve" Coletti >
< Computer and Network Installation, Upgrades and Repair. >
< Internet: bigsteve@dorsai.org >
< I was balding, then I installed Windows 95 and pulled the rest out. >
< US Mail: P.O. Box 396, New York, NY 10002 >
< Fax Weekdays/Voice Weekends: +1 212 995-2637 >
~~~~~~
~~~~~~

5958. Re: Ham Gear for Sale....

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-28 00:00:00 UTC
From: dmoorman@interaccess.com
Message-ID: <dmoorman-2810960704580001@d97.dialnet1.interaccess.com>
Source record: 213916
Cross-posted to: rec.ham-radio,rec.ham-radio.swap,rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.swap,rec.radio.swap

Some ISP or servers don't give you the whole newsgroup. Email your ISP
and tell them about the problem.

Dave

In article <3274374c.674037@news.intercenter.net>,
scederas@intercenter.net (Sam Cederas) wrote:

> I have the same problem. I only get one or two new messages
> every day.
> AD4PY Cary, N.C.
>
>
> On Sun, 27 Oct 1996 22:37:56 GMT, bry@mnsinc.com (Bry) wrote:
>
> >I can't seem to get this bloody newsgroup to access any more.
> >It's not my software etc. HERE because I CAN get messages from other
> >newsgroups!
> >
> >Is it busted??
> >
> >73 from Amateur Radio AF4K / G3XLQ
> >http://www.mnsinc.com/bry
> >E-mail: bry@mnsinc.com
> >Home of MEGALIST ham radio files, pirate links etc. etc.
> >

--
Dave Moorman Metasignatures can be fun!
Downers Grove
Illinois, USA
http://homepage.interaccess.com/~dmoorman/DavesPage.html

5959. Hallicrafters FPM-200 Owners Directory

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-28 00:00:00 UTC
From: Jim Garland W8ZR <4CX250B@miavx1.muohio.edu>
Message-ID: <3274D3FB.4594@miavx1.muohio.edu>
Source record: 213917
Cross-posted to: rec.radio.amateur.equipment,rec.,radio.amateur.,homebrew,rec.radio.amateur.misc

I'm trying to put together a directory of all Hallicrafters FPM-200 owners, and woujld appreciate your letting me know if you own one, or know of somebody who does. I believe there are probably not more than a couple of dozen in existence.

For those of you who may not be familiar with the rig, the FPM-200 is perhaps the rarest and most unusual ham transceiver ever built. Built in 1959, it is no relation to the FPM-300, which followed it fifteen years later. The FPM-200 was all solid state (germanium bipolar transistors), except for the finals (6146s) and driver, covered 80m-10m with 100 watts of ssb,am and cw, had twin PTOs with linear 1KHz readout, no tuning, used glass-epoxy circuit boards and mil-spec construction, switching power supply, and was smaller than a typical speaker cabinet. It sold for about $2600 in 1959 dollars -- about the same price as a brand new KWS-1 and 75A-4. Technologically, the FPM-200 was at least a decade ahead of its time. The rig was marketed heavily in 1960 but never really made it to full production. My best guess is that about 25 were made, but nobody seems to know for sure.

If you know anything about the history of this rig, have any brochures, etc., please let me know. If you own one, I'd like to collect some or all of the following information:

1. Serial Number (if any --some apparently didn't have one):

2. Accessories available: (It was supplied with a.c. pwr supply/speaker, mobile mount, chrome lock for mount), two manuals.

3. Condition: (cosmetic and operational, any modifications)

4. Known history of your FPM-200 (previous owners, etc.)

5. name, phone number, address, email address, call sign of owner.

I'll obviously make the information I receive available to all.

Thanks,

Jim W8ZR

5960. Re: Best of Squiggie: On Ham Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-28 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <552fvu$7ft@lehi.kuentos.guam.net>
Source record: 213918
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

carl@ais.net (Carl Stevenson) wrote:

>You can make an ass of yourself by reposting other people's comments if
>you wish ... that's your perogative and you exercise is regularly ...

Thanks. But in the case of reposting *your* comments, at least I know that if I make an ass of myself, I am taking you with me. Kinda like those guys who blow themselves up for the cause, you know ? Just consider me a pro-code Kamakazi pilot and consider yourself as the target.

>If you insist on reposting me, I think it's only reasonable to demand
>that your use my name instead of your ridiculous nicknames ...

My Mother always tells me that asking nicely usually works better than 'demanding'. She's right about most things. Maybe you should talk to her.

73, Jim KH2D

5961. ADMS CABLE for FT-51

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-28 00:00:00 UTC
From: jerrys@vcn.bc.ca
Message-ID: <552r0d$50r@milo.vcn.bc.ca>
Source record: 213919

I have lost my programming cable for my FT-51R. Does
anyone have any plans on how to build one, or
where a spare can be purchased. It is the
cable used for the ADMS Software.

Thanks in Advance.
Jerry

5962. Re: Amateur Radio Newsline #1002 25 Oct 1996

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-28 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <5541eh$6gr@anomaly.ideamation.com>
Source record: 213920

In article <VNhcyQQI8VCH092yn@dorsai.org>,
Steve_Coletti <bigsteve@dorsai.org> wrote:

> MORE HF BANDS
>
> Will there be more ham bands in the future for ham radio? Possibly,
>according to ARRL President Rod Stafford, KB6ZV.

This must obviously be a mis-print. According to His Most Omniscent,
Carl, everyone in existance wants our HF bands. That's why we must
flood them with millions of codeless HF licensees -- to "protect"
them.

> TUCKER ELECTRONICS BOWS OUT OF HAM RADIO BUSINESS
...
> Tucker's Holloran says that the move will allow his company to
>concentrate on its core business, distributing new and reconditioned
>electronic test and measurement equipment.

More than likely its due to the fact that hams are notoriously cheap,
and wouldn't pay Tucker's outrageous prices on their gear. Luckily
there are enough stupid people in private industry to purchase their
reconditioned equipment from Tucker at over-inflated prices.

[I still laugh every time I remember seeing the old z-80 CPM machine
for sale in a tucker catalog about 2 years ago, selling for "only"
$895. BASIC Interpreter sold separately!]

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

5963. Re: 'Nother Pro-code Luddite

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-28 00:00:00 UTC
From: Michael Herron <GHURRICANE@gnn.com>
Message-ID: <552u8o$f7c@news-e2b.gnn.com>
Source record: 213921

Yeah! What he said, If its the wave of the future why is there so little of it on the bands. Face it, the Anti-codes will just be on voice communications modes if they ever get on HF anyway. That's where the fun is and the most of the hams are. The only time digital modes are worthwhile is when you have a cold and a sore throat!If they are so much fun, how come Carl (THE Anti-code) spends all his time posting on the internet instead of having fun on digital modes, packet, or what have you? Ham radio likely will die out with the current interest in computers, internet, and cell phones for communications for the masses but not for many more years. We allways have been more of a "cult" group than something for the masses. But if it dies out, then who will miss it? Very few were interested in it anyway so it could'nt support itself or justify its existence. Hell, we'll likely be dead by then anyway!Bottom line is that the anti-codes want to get more hf priviledges without picking up the code...welfare hf hams..too lazy or stubborn to learn it, and would rather beat their brains out trying to find a way around it than just learn it. Anti-codes would certainly have more impact if they had their general license and were promoting digital modes by using them and talking about them. At least those people would not be viewed as just trying to skate the code thing.

5964. Re: The final debate on CW.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-28 00:00:00 UTC
From: "William W. Wright" <william.w.wright@cpmx.saic.com>
Message-ID: <32756A84.480B@cpmx.saic.com>
Source record: 213922
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Burt,
Thanks for the short and eloquent listing of why CW is important.
I agree with you and all of the other proponents of the necessity and
importance of CW.
I still feel that the testing requirement of CW speeds faster than the
internationally set number is inappropriate. Having a CW speed of 13
wpm or 20 wpm is no more meaningful than setting a minimum talking speed
or even a minimum typing speed for the packet folks.
If a high speed CWer wants to only "talk" with a fast CW "talker", so be
it. A HAM on the phones has the same option of communicating only with
fast talkers.
Let's not use code speed as a filter in achieving higher level licenses.
Regards and --... ...--,
Bill KO6SI

Burt Fisher wrote:
>
> WHAT IS C W
>
> * It is a unique,intimate,concise and effective communications skill
> still employed throughout the world.
>
> * It is the most efficient mode in terms of power required for long-
> distance communication ,least susecptible to interference,and conserving
> of the radio frequency spectrum.
>
> * It involves no accent or pronunciation problems,therefore providing a
> widely understood international language.
>
> * It employs simpler,more reliable and easily maintained equipment than
> any other communications mode.
>
> * It is an equalizer,negating age,speech impediments and dialectical
> differences;it provides for ready acceptance of youngsters in an adult
> enviornment.
>
> * It is the ONLY radio communications mode that is understood readily by
> both man and machine.
>-
> #===============#===#
> | Burt Fisher | Teacher of video, broadcasting and electronics |
> | Amateur call | South Dennis, Ma. (Cape Cod) |
> | K1OIK | If you sit on the fence, it is a pain in the butt|

> #================#===#
>

5965. Re: Importance of coax length on HF A myth?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-28 00:00:00 UTC
From: Cecil Moore <Cecil_A_Moore@ccm.ch.intel.com>
Message-ID: <3274DECC.4587@ccm.ch.intel.com>
Source record: 213923
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

altavoz wrote:
> ... therefore it will radiate cause the open end of the coax
> will see a short on the outside end of the coax at the radio end.
> ...Trimming 1/4w will peak the FEEDLINE RADIATION.

How is the RF current going to get past the choke?

73, Cecil, W6RCA, OOTC (not speaking for my employer)

5966. WTB: Icom IC-2KL Amp. Europe Verson 160/10 Meters

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-28 00:00:00 UTC
From: John Finley <skybird@ix.netcom.com>
Message-ID: <01bbc4fe$0eed7180$2ec4b7c7@p-100>
Source record: 213924
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

Want to buy a Icom IC-2KL Amp. Europe Verson 160/10 Meters

Please E-mail me your best price.

Thanks,

--

John Finley
Miami, FL N4SPL
skybird@ix.netcom.com

5967. Re: 'Nother Pro-code Luddite

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-28 00:00:00 UTC
From: Cecil Moore <Cecil_A_Moore@ccm.ch.intel.com>
Message-ID: <32751CD2.4C0B@ccm.ch.intel.com>
Source record: 213925

Michael Herron wrote:
> ... how come Carl (THE Anti-code)
> spends all his time posting on the internet instead of having fun
> on digital modes, packet, or what have you?

Probably because he is only allowed to use CW and SSB on HF. How
'bout allowing novices and tech+'s to use digital modes on their
HF CW bands? IF I can use digital modes in the novice CW portions,
then why can't they? It just doesn't make any sense at all.

73, Cecil, W6RCA, OOTC (not speaking for my employer)

5968. Re: Jim Conn's OUTRAGEOUS pro-code agenda finally revealed

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-28 00:00:00 UTC
From: jbaltz@news.cs.columbia.edu
Message-ID: <55363b$cnb@play.cs.columbia.edu>
Source record: 213926
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <3274F6BC.3BEC@gte.net>, Jim Conn <jconn@gte.net> wrote:
>the role of the ARRL, but I didn't know you rejected the role of the FCC
>as well. You are in favor of HF anarchy, just as 11 meters (CB) became
>anarchy when the doors were opened to everyone and the rules went out the
>window. Get real.

CB went into the toilet when rules enforcement and licensure went out the
window. It didn't go bad because there are "too many" people there.

Please respect the Followup-To: line.

//jbaltz
--
jerry b. altzman There is no universe -- P. Halmos +1 212 650 5617
jbaltz@cs.columbia.edu jbaltz@scisun.sci.ccny.cuny.edu KE3ML

5969. Re: crystals identify

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-28 00:00:00 UTC
From: J&J Mac <jmacd@wco.com>
Message-ID: <32756F96.6105@wco.com>
Source record: 213927

JAS wrote:
>
> I recently picked up a bunch of crystals and would like to know what
> they could have been used for. They are old, because the frequency is
> listed in kilocycles instead of kilohertz. Some of the frequencies are:
>
> 27005 kc
> 27085 kc
> 13577 kc
> 28815 kc
> 31.425 kc
>
> Does anyone recognize any of these and are they of any use today? I
> have about 100 of them all around the above frequencies.
>
> JAS

The 27005 and 27085 are probably CB radio freqs.. Ch 4 and Ch 11.

Good luck on the others..

J..
KB6ZOP

5970. Re: Importance of coax length on HF A myth?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-28 00:00:00 UTC
From: Dave Hand <dhand@microdes.com>
Message-ID: <32752732.13C7@microdes.com>
Source record: 213928
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

altavoz wrote:
>
> > It's possible to use a cable with an impedance not
> > equal to the characteristic impedance of your
> > antenna and rig. For example, a half wave length
> > of 75 ohm cable will work between a 50 ohm antenna
> > and a 50 ohm transmitter. You can also use 75 ohm
> > cable to match a 100 ohm antenna to a 50 ohm rig
> > by cutting it to the right length. Unfortunately,
> > these tricks generally only work at one frequency.
> >
> > In this case, the length of the cable is critical
> > to a given frequency.
> >
> > Steve KT4FY
>
> altavoz: No, a 50 ohm ant' feeding a 75ohm coax will
> cause a SWR into coax and towards the radio and an exact
> length of coax will not reduce the SWR except as
> attenuation factor over that length.
>
>
> ______End of text from altavoz__________

Wrong O buddy boy.

An electrical 1/2 of coax is a tried and true method of mesuring
the SWR at the antenna feed point remotely for exactly that reason.
Its totally invisible to the remote test gear. If you doubt it try it!

Dave Hand WB4HYP

5971. Looking for a Heathkit HW-16 Manual...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-28 00:00:00 UTC
From: arsenaul@lss1105
Message-ID: <5537b1$5f@emcnews.emc.com>
Source record: 213929

Hi everyone...

I am trying to repair a couple Heathkit HW-16's and am in need of a copy of the manual. I would be willing to cover the copy and shipping fees. Please let me know at the address below. Thanks and 73...

Brian

****
* *
* Brian Arsenault - N1FIY *
* email: arsenaul@emc.com *
* *
* EMC Corporation - The Storage Architects *
* *
****

5972. Re: Jim Conn's OUTRAGEOUS pro-code agenda finally revealed

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-28 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <552ims$7ut@lehi.kuentos.guam.net>
Source record: 213930
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

carl@ais.net (Carl Stevenson (AKA Squiggie)) wrote:

>.. to CW is COMPLETELY irrelevant and it is, JUST A "FILTER" to KEEP
>PEOPLE OUT ... and those prople are ALL people who are otherwise
>interested in ham radio, but not in the code ... that is grossly unfair
>and needs to be rectified to fit with today's world.

I know a lot of people who love to play golf, but they can't join the country club because MONEY is keeping them out.

I know a lot of people who are very interested in owning their own home, but the bank won't give them a loan, so the BANK is keeping them out.

I agree with you Squiggie, that's NOT FAIR !! We need to fix not only ham radio, but the WHOLE DAMN WORLD !! We need a NEW system, where everybody has the same as everybody else, where NOBODY gets ANYTHING that everyone else can't get. EVERYBODY should get a ham license. Period. And for those hams who can't afford to buy an Icom 781, the damn GOVERNMENT should be forced to give them one !!

Let's see, what should we call it ? How about COMMUNISM, or maybe WELFARE ?

You should start that new organization you keep telling us about Squiggie, call it the ACWRL - Amateur Communist Welfare Radio League. You could be the Dictator, or the El Presidente, or whatever you want to call it.

73, Jim KH2D

P.S. Grandpa Lenny, if you read this, spare us the disertation on the history of Communism and the price structure of the Communist magazines you subscribe to. Thanks.

5973. Re: Importance of coax length on HF A myth?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-28 00:00:00 UTC
From: altavoz <altavoz@worldnet.att.net>
Message-ID: <3274F6B7.11C6@worldnet.att.net>
Source record: 213931
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Cecil Moore wrote:
>
> altavoz wrote:
> > ... therefore it will radiate cause the open end of the coax
> > will see a short on the outside end of the coax at the radio end.
> > ...Trimming 1/4w will peak the FEEDLINE RADIATION.
>
> How is the RF current going to get past the choke?
>
> 73, Cecil, W6RCA, OOTC (not speaking for my employer)

altavoz: You're assuming a choke . The thread makes more sense
if you dont assume a choke (i went all the way back to JOEL
GAMBLEs post)

I think he's saying a 440 signal into RG58 is a 1:1 NO MATTER
WHAT cause it's 100 feet long and that means it could be an
open circuit . I think he tried to get one past us by making
us assume that there was a termination .
Anyway the way to kill it is BALUN,steel wool, ferrite,
cut coax to a particular length (narrow BW), or offset feed
the antenna (bal ant has an unbal' point where you can hook
coax, and pattern does not suffer).
What i find amasing is so many novices worry about the
match , but not the radiation pattern . You can match
anything, even a 1/2w by stretching it a little to bring
down the R and that 2nd lobe is too small to hurt .
Radiation pattern on a J pole is bad but has a nice
stub to match it....so build a 5/8w using that stub to match
it. Problem is the standard way ("L")is just as simple.
Thanks for correcting my sloppy thinking, 73's

_____End of text from altavoz__________

5974. CPU reset on the IC-4GAT Handie

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-28 00:00:00 UTC
From: kc7gnm@primenet.com
Message-ID: <5541p9$f4h@nnrp1.news.primenet.com>
Source record: 213932

Hello all. I am looking for the procedure to reset the ic-4gat radio.
I have a friend that has one and he doesn't have the manual that
explains how to do this. If anyone knows how to reset it I would
appriciate it. Thanks.

73 de KC7GNM

5975. Re: SCREW THE CODE!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-28 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct28.210309.21292@ke4zv.atl.ga.us>
Source record: 213933

In article <546kbr$aka@anomaly.ideamation.com> kd1hz@anomaly.ideamation.com (Michael P. Deignan) writes:
>In article <546bnr$dsa@news.ais.net>, Carl Stevenson <carl@ais.net> wrote:
>
>>Jim ... all one has to do is look/listen to the bands ... there is no
>>way to dispute the fact that the vast majority of the technology in use
>>dates back to at least the 1950s ... some of it (Morse code) to the
>>early 1800s ... ham radio has been left stagnating in the past as the
>>rest of the world has strode forward in great leaps and bounds ... the
>>fact that you have no understanding of (or desire to learn about) modern
>>communications technology does NOT change the reality that you refuse to
>>accept ...
>
>Where are all these modern communication modes in amateur radio?

Now there's a good question. As Carl notes, the majority of current amateurs appear to studiously ignore modern communications methods. According to the ARRL survey, only about 22% of current amateurs engage in modern communications techniques at all, and most of that is on a very primitive level.

>Where is all the commercial gear supporting these modes?

SCS, PacComm, AEA, Kantronics, HAL, TAPR, etc make gear for the amateur market. Harris, Marconi, and many others make it for the commercial and military market. Check out the milspec for ALE systems and the STAANG modem to get an idea of what HF operation is like outside amateur radio.

>Where are all the QST home-brew articles showing amateurs how to
>build all this whiz-bang super-techno equipment?

QST? Homebrew super-techno? Surely you jest. QST ceased being a technical journal about 30 years ago. For modern communications techniques, you need to look elsewhere. Until its demise, Ham Radio occasionally had good articles (a PSK modem for example), and early issues of Communications Quarterly had good articles (a coherent weak signal modem design used by the Lowfers for example). The AMRAD Newsletter has good articles (mostly SS). The Pactor Journal has good articles. The TAPR and AMSAT proceedings volumes have good articles and projects.

And of course there are the professional publications. *They* haven't stood still and let grass grow under their feet for the past 50 years. NASA Tech Briefs had a good I/Q receiver design article recently, and an article on Turbo decoding. EDN often

has a useful circuit, and of course there are the IEEE pubs.

And then there are books. Tom McDermott has a new book on wireless digital communications that looks like it's going to be a must read. Stephen Wilson's Digital Modulation and Coding is, of course, a classic, with a clear and lucid presentation that any amateur with a smattering of background should be able to understand. And Modern Signals and Systems by Kwakernaak and Sivan chapter 10 is a must read. Everyone should probably slog through Digital Communications Techniques, Signal Design and Detection by Simon, Hinedi, and Lindsey. The prose is turgid, but the information is comprehensive, covering everything from OOK to M-ary modulations. For something a touch more exotic, Wavelets and Subband Coding by Vetterli and Kovacevic is worth a look. Down market quite a bit are Packet, Speed, More Speed, and Applications from ARRL, and The Spread Spectrum Sourcebook, also from ARRL. The techniques presented are primitive, but can serve as a simplified introduction to some of the ideas involved.

But most of the information on modern amateur technique is found on the Web. TAPR's DSP and HF SIGs have good info. Karn has Fano and Viterbi encoders and decoders on his page, as well as Reed Solomon block encoders and decoders. The Slovenian hamradio pages have complete schematics and board layouts for the 1.2 Mb transceiver they're using in their national network. Motorola, TI, and Analog Devices have appnotes that directly apply to amateur radio. Etc. You just have to browse to find information for cutting edge amateur projects. It's out there. Maybe in 30 more years, some of it will find its way into QST. Nah, probably not, it doesn't beep.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

5976. Re: What business thinks of hams

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-28 00:00:00 UTC
From: js@ibbs.av.org
Message-ID: <326@ibbs.av.org>
Source record: 213934
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <3273ADB2.292F@ccsnet.com>, Burt Fisher (k1oik@ccsnet.com) writes:
>From:
>
> Dennis A. Mason
> damason@uswc.uswest.com
>
>
>(I agree with every word, but he was too mild-Burt K1OIK).
>
> You ham radio ops are a bunch of cheap skates. You're always trying to
> screw us commercial dealers out of a radio or repeater for some stupid
> project of your own. Most of your repeaters are all closed and are
> absolutely worthless for emergency use. You all claim to be such a big
> help in emergencies. WELL YOU'RE NOT!!! Hams can't and don't contribute
> anything to disaster relief any more.

Your right. Disaster relief went out when solid commercial
communications was offered to agencies that respond. Just the little
people like police and fire. During the Northridge earthquake here in
L.A. some time ago, cell phone was online during the entire time. It
was also 100% reliable. What did I hear on Ham radio? "It was a
vertical motion, felt here in xxxx." Then they started to rag chew
about past earthquakes rather than assisting people in need. Ham
radio was worthless as a emergency service. Why could we not use ham
radio to get assistance? The fire dept was busy answering the cell
phone calls!

Just this weekend I heard someone in need of CHP while on a remote
highway. When this person asked for help, it was denied. The person
was told to use a different repeater. Again, for that person ham
radio was worthless.

> All you do is whine and moan about how much a piece od commercial
> equipment costs. Well that isn't entirely true. You do go to hamfests
> and whine and moan to vendors about how much their equipment costs as
> well. You idiots have absolutely no idea what goes into the design
> production and marketing of any piece of gear, commercial or not. I
> truely feel sorry for any poor bastard that relies on making a living
>from you cheap SOB's.

The ham radio community as a whole has lost it's old time electronics
guru's. There is no longer a understanding about how equipment works
and why things need to be built like they are. This is a direct
result of testing, and the type of people that are attracted to ham

radio. The users truly do not understand, they are for the most part clueless.

Our quality suffers in ham radio. So what to do about it. Ok, we all know what the problems are. How do we go about fixing them is the question at hand. How do we improve our quality? In my view it has everything to do with testing, and the ARRL's failed attempt to gain users (license holders). Even has something to do with commerical vendors pushing technology beyond what it really needs to be.

Improve testing. Learn what the theroy is behind the questions. We can do this by getting rid of the study materials that focus only on the questions. The 500 question pool should be kept away from the public, almost secret in a way. Not released until testing would be a better way. That would force users to study everything rather than just the questions and answers. This should bring a deeper understanding on what ham radio is all about. As license grade increeses so will the difficulty of the questions. Code should be required for every class of license. What this would mean is you would really want to become a ham, and it would keep the lazy away.

more later....

<snip>

-
--

- ----
--- ------
-THEY DON'T GET OFF TIL WE COME>
--- ------
- ----

--
-
-

5977. Kenwood TH79a Batterys

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-28 00:00:00 UTC
From: Rich Papa <richpapa@iconn.net>
Message-ID: <32754D86.4652@iconn.net>
Source record: 213935

I was hoping someone out there could tell me what the contacts on the bottom of the Kenwood battery packs for the TH79a were for. I know that it's for the rapid charger, and I know that one is obviously positive and the other is negative. Is the third for a thermistor for battery temp when charging? I want to make a rapid charger for the battery, and needed some info on this. Thanks in advance for any responses.

Rich
N1VAJ

5978. Re: Satellite Receiver for sale !!!!!!!!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-28 00:00:00 UTC
From: Simon Lewis <slewis@pacsat.demon.co.uk>
Message-ID: <G0zgOGA+aOdyEw64@pacsat.demon.co.uk>
Source record: 213936

In article <5501n3$m30@dfw-ixnews11.ix.netcom.com>, Stanley D Gruver
<newsat@ix.netcom.com> writes
>
>Toshiba TRX 80 Receiver/IRD with VC2+ descrambler $275.00
>VC2+ descrambler $150.00
>
>I have other stuff for sale, actuator, lnb, feedhorn also.
>
>Thanks
>
>E-mail inquiries please.
>

Any Ku band scalar horn feeds available?

Simon Lewis GM4PLM
Email: slewis@pacsat.demon.co.uk
Packet: GM4PLM @ GB7SAN

5979. Re: Code or No Code...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-28 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct28.210958.21381@ke4zv.atl.ga.us>
Source record: 213937

In article <54cict$mgi@lehi.kuentos.guam.net> pacrimgolf@kuentos.guam.net writes:
>Somebody, I don't know who, wrote:
>
>> >You might want to look at the statistics showing how the hams are
>> >getting older and older and there are not nearly enough young ones to
>> >enter the hobby. In Finland, the average ham age in the last 4 years has
>> >increased by 3 years.
>
>Sounds like the ham population is getting younger, not older. Seems to me
>most hams would age 4 years in a 4 year period, not 3. Maybe they put something
>in the water in Finland ?
>
>73, Jim KH2D

Skipped population demographics in school, did you Jim?
When the average age of a population group is increasing
at 3/4 year per year, that group is dying. It means that
younger people aren't entering the group at a rate which
would sustain it. A demographically stable group has the
same average age year after year.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

5980. Re: Can Amatuer Radio survive ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-28 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct28.034859.18209@ke4zv.atl.ga.us>
Source record: 213938

In article <548eqh$mk5@news.ais.net> carl@ais.net (Carl Stevenson) writes:
>I was going to sent this as private e-mail to Gary and Kevin, but what
>the hell, the pro-coders will *never* believe that they actually read a
>post where *I* was actually playing "the peacemaker", so here goes:
>
>In <326783EC.3DE@mail.mei.com>, Kevin Jessup <kevin.jessup@mail.mei.com> writes:
>>Gary Coffman wrote:
>>
>>> >Oh? How big are your cells? ;-)
>>>
>>> Well, from here on UHF, about a 20 mile radius. That would
>>> encompass 3 other amateurs who *might* be interested in operating
>>> SS. I told you the network is sparse.
>>
>>You know, this type of reasoning is truly amazing!!!
>>We have an incentive system catering to HF and Morse.
>>Add to this rules and regulations that PREVENT a dense
>>SS network. And then you say we don't need rule
>>changes because our networks are sparse! Big news
>>everbody! Our networks are SPARSE!!!! Can ya believe it!!??

Well, Kevin's post never reached this site, so I'll reply here.
I don't think any change in the regulations would make squirrels
and rabbits take up SS networking, Kevin. When I say sparse,
I mean sparse. 90% of the US is still open land. Only in a
few megalopolises are amateur densities sufficient for anything
but a sparse network. If you ignore that, then a national
network will forever be beyond our grasp.

Currently, only about 1 person in 2,143 in the US is an amateur
with digital aspirations. So even in the congested rat warrens
of the metroplex the network is still sparse. With changes in
licensing regulations and changes in operating regulations, we
may double or quadruple the number of amateurs who would operate
amateur digital networks, but to go much further than that isn't
probable at all unless we throw amateur radio open as a Part 15-like
consumer service. And if we do that, you can bet we'd lose our
right to experiment. There just aren't that many people out there
aching to experiment with wireless digital networks.

>Boys, boys, behave now!!!

Hush, Carl.

>Kevin, I think it's safe to say that Gary is actually "on our side" ...
>he's just gotten hung up in arguing that useful things *can* be done

>today without waiting for rules changes, and to a degree he's right.
>He's is frustrated with waiting and simply wants to encourage any and
>all to do whatever is possible within the current, antiquated rules,
>rather than waiting for new, more reasonable rules to begin to do
>anything.

Yeah, we can do interesting and useful things now. We don't have to
wait for rules changes, badly needed though they are. Results speak
much louder than retoric. In Slovenia, they have a 1.2 Mb network
built. Why don't we? Our rules don't stop us, we have more money
and manpower at our disposal, but we're still plodding along at
1200 baud while a little eastern European country is eating our
lunch. Why is that? Why can't we even get 56 kb deployed outside
of a few pockets around the country? That damn equipment has been
available for 8 years now. It doesn't take a rocket scientist to
install it. And it is perfectly legal under current rules.

>Kevin, having not spent as much time as Gary in trying to field networks
>(Gary's been in the trenches for years) I don't think you've had the
>same opportunity to experince the same frustrations and deal with the
>same day-to-day bullshit and logistical problems and so forth ...

Logistics, ah now there's the magic word. I don't think Kevin has
any idea what it takes to put together and operate a large network.
It doesn't "just happen". Networking is inherently a cooperative
enterprise. It takes organization to pull off. Getting even two
amateurs to agree on anything is difficult, getting a large network
of amateurs to cooperate is a monumental task.

>I don't think Gary will accuse me of puttting words into his mouth if I
>say that I'm sure he wants, will support, and will be happy to see, more
>progressive rules regarding bandwidths, coding/spreading schemes, and a
>variety of other technical issues that presently "get in the way" for no
>good reason ...

Yep.

>>> Yes, but why do you assume that every station will be in the
>>> exact same *part* of those three sequences at the same time?
>>> Stations operating in different parts of the sequence are
>>> uncorrelated with each other. Typically, a separation of
>>> 3 bits in the time sequence of the stream will sufficiently
>>> decorrelate the stream so that two stations can share the
>>> same center frequency.
>>
>>Your bullshit is reaching ever greater levels.
>
>NO, he's prefectly correct ... while not as elegant as a full CDMA
>system with different hopping sequences, time offsets along the same
>spreading sequency can be used quite effectively ... and there are a
>number of ways to exploit this ...

Indeed, and several of them are ideally suited to amateur SS network operations. The primary problem with SS from an amateur perspective is its LPI. That makes clock synchronization difficult, requires relatively long acquisition times, and in general makes interoperability difficult for a multi-station network. The solution to that is to have a narrowband master clock station transmitting on the LAN to keep everyone synced with the sequence in use.

>>I guess you have no experience with syncing up on the
>>receive side via a corallator circuit. With DSSS
>>this happens in well under a second. This is because
>>the receiver and transmitter PN streams are not at
>>exactly the same data rate. This allows the two to
>>eventually sync up and corallate. This sliding window
>>is an easy way to sync up. But then you suggest we
>>have multiple stations on different parts of the SAME
>>sequence and all will be cool. But this means receivers
>>will be syncing up on bit streams they were not intended
>>to receive.
>
>There are other ways to deal with the synchronization and separation
>issues ... again, perhaps not as elegant as other ideas we can envision
>under more liberal rules, but still quite doable TODAY ...

Actually, because synchronization is maintained at all times with the master clock station approach, aggregate network throughput can be much better with everyone on the same sequence. That's because acquisition time is zero and access is fully deterministic. This allows network management to be, uh manageable.

>******
>
>I strongly suggest that you both (Gary and Kevin) take notice of who our
>REAL enemies are and save the debates about whose ideas are most
>elegant, etc. until after we've won the MAJOR battles ... OK??? ...

No. I consider our "enemies" for the most part irrelevant. Their point of view is destined to die out one way or another. My only concern is whether there will still be an amateur radio by the time their view does die out. I think it is better to forge ahead with our own agenda without bothering to try to convert the Luddites. That's a lost cause anyway. Their minds are closed. Those we need to seek to convert are those who still retain an open mind, and who are open to having new ideas introduced to them.

Your style of personal attack does us no good, Carl. It doesn't change the minds of the Luddites, and alienates many of those we still have a chance to persuade. Take the high road and stick to the technical issues. Correct the Luddites' misstatements of fact as they arise, but don't bother to engage them in extended and fruitless arguments. It's a waste of time, and wins us no points.

>We need you both ... and all of the lurkers who were beginning to
>mentally take sides between Gary's "do it now" argument and Kevin's "but
>there are more elegant ways" argument ... to pull together and try to
>acat as one body, so that we can win the war and accomplish the
>following primary objectives which are necessary to the future survival
>of ham radio:

You flatter yourself, and us, by assuming there is a large body of lurkers still reading these threads. What interest there may have been has been dissipated by the personal bickering between mainly you and your Luddite tormenters. I hate to pick pick pick at you, but if you are going to be in this for the long pull, you've got to develop a thicker skin and learn to ignore the mindless little yip dogs attempting to nip at your heels.

>1) removal of all code testing from U.S. licensing requirements
> (includes any/all necessary ITU Treaty changes or exceptions)

I think this is a matter of equity and rationality, Morse speed testing is a relic of another era, but I don't consider its removal essential to the future survival of amateur radio in toto. What is essential is to break the attitude that it is Morse Code speed which defines an amateur. That is damaging. The testing requirement itself is only an archaic nuisance and not a serious barrier, it is the code forever attitude of many in the current amateur community that is dangerous to the future of the service.

>2) restructure licensing system to 2 levels (entry and regular)

This is more important. The biggest damage to amateur radio has been done by Incentive (to pass faster Morse speed tests) Licensing. That system must be dismantled and replaced by a system relevant to government's legitimate concerns. Those concerns apply equally to every amateur, so consequently every amateur needs to fully meet those concerns before being allowed to operate at all. I can see a limited place for an entry license, but it should be sharply limited in privileges (I would suggest a very low power limit would be the appropriate limitation of privileges, say 1 watt max).

>3) modernize technical regs WRT bandwidth, coding/spreading, modulation,
> content, digital signatures, unattended/automated messaging systems,
> etc.

Yes this reform is needed. Lyle Johnson said at DCC 96 that most of Part 97 could be fit on the back of a 3 by 5 card if amateur radio were rationalized toward its primary goals and not maintained as a way for warehousing spectrum for the vested interests of current licensees. Basically, a qualified licensee should be told, "These are the amateur bands, stay within the edges, have a nice day."

>I think a 4th objective is probably of necessity:
>4) break the stranglehold that the ARRL has on US ham radio regulation

I disagree completely. We need a strong national voice to deal with
the government. The only change I would make is in the organization's
orientation. The ARRL today is controlled by the contesters and Dxers,
but they, like us, are a minority of amateurs. Since only about 25%
of US amateurs are currently ARRL members, and many of them are really
only QST subscribers rather than active participating members, we can
change the direction of the ARRL simply by having enough activists join
and work for a change in leadership direction. And the number of activists
required isn't that large. How many new members have you signed up
lately?

Note too that the national organization has to represent all interests,
not just those of the digital networker. The Dxers still need someone
to count cards, and the contesters need someone to print certificates.
And the public service types need someone to look out for them, etc.
You can't expect to have everything your own way, but it would be nice
to occasionally have *something* go your way.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

5981. Undeliverable message

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-28 00:00:00 UTC
From: POSTMASTER@CompuServe.COM
Message-ID: <961028052737_515664.456256_IHH73-10@CompuServe.COM>
Source record: 213939

Re: ? EMDRNF - Mail Delivery Failure. Receiver not found. 71513,2713
Info-Hams Digest V96 #1242

Your message could not be delivered as addressed.

--- Returned message ---

Sender: owner-info-hams@ucsd.edu
Received: from mail.ucsd.edu (ucsd.edu [132.239.254.201]) by arl-img-1.compuserve.com
(8.6.10/5.950515)
id UAA07292; Sun, 27 Oct 1996 20:19:54 -0500
Received: by mail.ucsd.edu; id QAA12814
sendmail 8.6.12/UCSD-2.2-sun
Sun, 27 Oct 1996 16:46:51 -0800 for info-hams-list
Errors-To: owner-info-hams@ucsd.edu
Sender: owner-info-hams@ucsd.edu
Precedence: List
Received: by mail.ucsd.edu; id QAA12792
sendmail 8.6.12/UCSD-2.2-sun
Sun, 27 Oct 1996 16:46:48 -0800 for info-hams-ddist
Message-Id: <199610280046.QAA12792@mail.ucsd.edu>
Date: Sun, 27 Oct 96 16:46:47 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Owner-Info-Hams@ucsd.edu
Reply-To: Info-Hams@ucsd.edu
Precedence: List
Subject: Info-Hams Digest V96 #1242
To: Info-Hams@ucsd.edu

Info-Hams Digest Sun, 27 Oct 96 Volume 96 : Issue 1242

Today's Topics:
'Nother Pro-code Luddite
Attic 2 metr beam
code or no code... (2 msgs)
FS: Yaesu FT-51RH Dual-Bander HT
Hams and Emergency Services
Help w/ TH-78A
Jim Conn's OUTRAGEOUS pro-code agenda finally revealed
mD'@1dVTnUItzHOT TECHNOLOGIES AND FREE STUFFBEv8q_CE<gV"
more insults and potty language from carl
Pro Code and No Code Debate
TDD codes
The final debate on CW.
to beep or not to beep
yaesu ft-530 batteries

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 27 Oct 1996 23:26:22 GMT
From: wmunsil@aztec.asu.edu (WILLIAM W MUNSIL)
Subject: 'Nother Pro-code Luddite

WOW! I'm sorry I asked.
--
I only check this account on weekends.
For faster service, use my juno account.
Bil Munsil n7aou@juno.com

Date: Sun, 27 Oct 1996 19:06:27 -0600
From: Raymond Roberts <kb8tpw@earthlink.net>
Subject: Attic 2 metr beam

I just bought a house where antenna installation outside is forbidden.
the attic apperars to be large enough to put a small beam. Anyone out
in radio land wiyth this expereince? Sold my 10 ele 2 meter beam today
so need to kbnow what to plan on when I move next month. Thanks ! Email
at kb8tpw@earthlink.net or post here. Also have a GAP DX Challenger
2-160 meter verticle that has to go !!! Let me know if interested.

Date: 25 Oct 96 14:45:13
From: markl@dove.net.au (Mark Little)
Subject: code or no code...

>
>
>
> J>You might want to look at the statistics showing how the hams are
> >getting older and older and there are not nearly enough young ones to
> >enter the hobby. In Finland, the average ham age in the last 4 years has
> >increased by 3 years. That means pretty clearly that young men and
> >women are not entering the hobby. Guess what happens when the large
> >post-war generations get old within the next 15 to 20 years or so.
>
> As hams get older, the average intelligence gets higher. The reverse is
> also true.

The ham population cannot just continue to get older. A population which is ageing at basically the same rate as the passage of time will eventually die out, because we all die. So will amateur radio unless the average age of the amateurs stabilises.

As to whether age brings intelligence, that seems questionable after reading some of the things that get posted ;-)

> ---
> OLX 1.53 ...73 DE: NK2U@CYBERNET.MAGSYSTEMS.COM

Mark.

Date: 26 Oct 96 13:41:12
From: markl@dove.net.au (Mark Little)
Subject: code or no code...

>
>
> Somebody, I don't know who, wrote:
>
> > >You might want to look at the statistics showing how the hams are
> > >getting older and older and there are not nearly enough young ones to
> > >enter the hobby. In Finland, the average ham age in the last 4 years has
> > >increased by 3 years.
>
> Sounds like the ham population is getting younger, not older. Seems to me
> most hams would age 4 years in a 4 year period, not 3. Maybe they put something
> in the water in Finland ?
>
> 73, Jim KH2D
>

It would only age 4 years in 4 years if (1) there are no new hams, or the the age of the hams is getting one year older every year. Either way, the hobby is ultimately doomed.

Look at it this way. In 40 years, the average age of amateurs would have increased by 30 years. If the average of amateurs is now 50, what will the average amateur be in 60 years - dead.

If any activity (not just amateur radio) is to survive long term, then the average age of the people involved in it must either be stable, or changing with the average of the general population.

Mark.

Date: 27 Oct 1996 17:05:56 -0500
From: craigivey@aol.com (CraigIvey)
Subject: FS: Yaesu FT-51RH Dual-Bander HT

For sale:

Yaesu FT-51R-HP Dual-Band HT
2-meters/70-cm
5 watts on each band

Good to Excelent condition. Comes with FNB-38 NiCad battery, wall charger, rubber ducky antenna, belt clip, manual, and schematic. LOADED with features. Less than 12 hours of use.

$450.00 (includes shipping)

CraigIvey@aol.com
KC5UMA

http://users.aol.com/craigivey/homepage.html
http://www2.apple.com/whymac/
http://www.evangelist.macaddict.com/

E-mail checked once daily at ~0100 UTC.

Do you believe in Macintosh? Join "EvangeList," for good news about Apple, Macintosh, and its third-party developers. To subscribe, email to: <listproc@solutions.apple.com> and in the body: Subscribe Macway <Your Name>

Date: 27 Oct 96 22:30:20 GMT
From: waterspout@juno.COM (David J Brooks)
Subject: Hams and Emergency Services

Thus sayeth Burt:

> Most of your repeaters are all closed and are
> absolutely worthless for emergency use. You all claim to be such a
>big help in emergencies. WELL YOU'RE NOT!!! Hams can't and don't
>contribute anything to disaster relief any more.

Interesting viewpoit Burt... I wonder how you manage to reconcile this opinion with the following:

<begin forwared message>

FEMA to FCC: No Sharing of 2 Meters and 70 CM

The Federal Emergency Management Agency better known as FEMA is saying no to sharing or reallocating the 2 meters and 70 centimeter ham bands to Low Earth Orbiting Satellites. In a letter to the FCC task force currently evaluating new spectrum for use by LEO satellites, FEMA Manager Paul
Reed, tells the committee that his agency opposes any such change.

Reed says that Amateur Radio operators have a history of supporting state and local government emergency operations by providing needed

communications. He says that many local communities served by ham radio have extremely limited resources and would be without any form of back-up communications without Amateur Radio.

Reed says that FEMA has been in contact with its state and local emergency management partners across the nation. That it is their belief that authorizing access to the mobile satellite service in the 2 meter and 70 centimeter bands will seriously degrade the ability of these groups to
support their public service requirements.

The FEMA Manager ends his letter by strongly urging the FCC task force to remove both of these ham bands from any further consideration as a new home for Low Earth Orbiting Satellites. He says to leave them for use by ham radio and its emergency service partners, nationwide.

-Amateur Radio Newsline

National Weather Service and Ham Radio

If you're a ham interested in using your skills and equipment during emergencies, you may get a request for help from the federal government. The National Weather Service wants to make more use of hams.

Amateur radio communications was one of the topics at a mid-September Weather Service Conference in Salt Lake City, Utah. Among those invited to speak was Newsline's David Black, KB4KCH.

These are times of big changes for the National Weather Service. The agency is undergoing what's called modernization. Some offices are closing, while others assume more responsibility. Offices which used to issue weather warnings for roughly a dozen counties may have to cover more than twice that number under the new plans.

At Salt Lake City, meteorologists from eight western states discuss establishing and strengthening amateur radio communications networks. Paul Flatt, KC7OVO, is a Weather Service warning coordination meteorologist.

"In Tucson, Arizona, we started the year with about 40 ham radio operators as Skywarn spotters. I think we are up to 75 or 80 at this point in time. I would like to see that grow higher, to put an upper number on
it, I couldn't really do that. To cover the area so the entire portion of where I'm at, southeastern Arizona, has some ham radio operators somewhere nearby." KC7OVO

The Conference addresses issues including how to establish spotter groups, frequencies and resources available, and the various types of emergency communications groups including RACES and the Amateur Radio Emergency Service. Rich Douglas is the Conference organizer.

"We could do a lot more and hope to do a lot more and are trying to plan to do a lot more with amateur radio. I would say three or four years ago

we did not take advantage of this wonderful opportunity. Now we are trying to organize ham radio networks. Working with our offices, each of the 24
offices, for about two or three years most of our offices have installed radio equipment. Our Regional Director, Dr Tom Byer supports this program. Ans he not only says he does, he does with his budget. He makes sacrifices in his budget to make sure we start gettin' some equipment." Douglas

Concern is expressed over the ability of hams to provide emergency communications services if their frequencies are invaded by commercial users. Several meteorologists say they will write letters opposing possible allocations to a commercial satellite service said to be considering the 2 meter and 440 MHZ amateur bands.

Conference attendees learn about amateur equipment and radio systems, packet and amateur televison. Even with Doppler radar and other high tech equipment, hams are needed to help confirm conditions forecasters often
suspect but have no proof exist. Again, Rich Douglas:

"First of all, they're very dedicated people. We have found they are among the most reliable group that we can count on. And of course the advantage of instant communications by way of a radio." Douglas

The Weather Service continues to install amateur radio equipment in various offices, as the agency moves ahead with plans to make more use of ham radio in serving the public.

Skywarn storm spotting isn't the only amateur service that forecasters learned about during the Conference. Attention also focused on using ham radio for backup communications when normal circuits fail. That's exactly what happened in early September when Hurricane Fran knocked out phone
lines to Weather Service offices in North Carolina.

-Amateur Radio Newsline

<end forwarded message>

Apparently both FEMA and the NWS disagree with you Burt. They'd like to see even more participation by hams. Here in the Houston area the EOC, the local NWS office, and the Red Cross are all calling for more assistance from hams, not less. One can only hope that the next disaster to strike Cape Cod will help you see a glimpse of reality.

David J Brooks - KC5WNK
waterspout@juno.com
-+- -+-+ +++++ +-- -+ -+- +-+-+

Date: Sun, 27 Oct 1996 15:09:07 -0500
From: William R Liporace <kb2hun@wizvax.wizvax.net>

Subject: Help w/ TH-78A

I have a TH-78A with a tuning knob problem on the 440 side. The squelch
is fine but the tuning part does not work. Any ideas, help or
suggestions would be helpful.
TNX Will KB2HUN

William Liporace KB2HUN kb2hun@wizvax.net
763 Huntingdon Drive KB2HUN @ K2TR (yccc packet cluster)
Niskayuna, NY 12309 KB2HUN @ WA2PVV (NEDA)
518-346-3804 home 518-471-2837 work

Date: 27 Oct 1996 16:43:02 -0500
From: kd1hz@anomaly.ideamation.com (Michael P. Deignan)
Subject: Jim Conn's OUTRAGEOUS pro-code agenda finally revealed

In article <550287$snb@news.ais.net>, Carl Stevenson <carl@ais.net> wrote:

>>How does an examination that any "newcomer" can take, pass, and receive
>>privileges as a result "keep" people out? Seems that its a requirement,
>>you either do it or don't, and you either get the privs associated
>>with it or not.
>
>It "keeps out" anyone who doesn't want to learn/use Morse code. This is
>ridiculous and unwarranted. As for it being a requirement, that is a
>vestige of a byegone day that desparately needs to be removed. ANd the
>privs are NOT associated with CW ... the privs are more PHONE privs
>.. to CW is COMPLETELY irrelevant and it is, JUST A "FILTER" to KEEP
>PEOPLE OUT ... and those prople are ALL people who are otherwise
>interested in ham radio, but not in the code ... that is grossly unfair
>and needs to be rectified to fit with today's world.

Many times people have to do things which appear to be irrelevant.
When I wanted to drive a car, I had to take a 15-hour driving class.
I learned such exciting things as hand signals. But, I still had to
take the class.

Just this weekend I had to suffer through a 10-hour Hunter Safety
Class to get my hunting license. Despite being a Certified NRA
Pistol/Rifle/Shotgun instructor, I had to sit through the class.
99% of it was firearm safety that I use on a daily basis. But, I
still had to do it.

What is "relevant" to you, Carl, is not necessary relevant to the
rest of the amateur population, and vice versa. CW continues to be
a highly-used mode on HF. It is still used by numerous foreign
amateur stations for communication. To promote international
goodwill, one must be proficient in CW to work these foreign ops.
Thus, the test is relevant in that respect.

Unfortunately, our testing system in imprecise. We grant globs of operating privs for passing small, condensed tests. In an ideal world, if you want to work SSB you should be tested on SSB only and receive SSB privs only if you pass. This is the "mode-based testing" I have endorsed numerous times again and again. Unfortunately, as radically opposed to CW as you are, there are others equally-opposed to a mode-based testing scheme.

>You also omit Conn's blatherings about how it "is government's
>obligation to limit access to HF so all the would-be American hams don't
>trash the bands for foreigners" ... why do you choose to omit some of
>the more blatantly absurd parts of Conn's blatherings and attempt to
>defend the less obviously absurd parts (when taken in isolation, they
>may be less obviously absurd, that is)???

They were irrelevant to the point at hand I was making.

There is some truth to Conn's statement. Many foreign stations (indeed, the local club I am Vice President of has foreign operators as members) view american stations as uncooth and unsophisticated. They look down on Americans in the same light you look down on contesters.

Now, back to Conn's statement. First, I must digress for a moment...

In any "civilized" society, there are set rules for societal interaction. [By rules I don't necessarily mean rules & regs that the FCC is setting, just standards by which we conduct ourselves with one another.] This is applicable in amateur radio as well.

Normally, as an infant you observe the behaviour of your parents and siblings to draw a basis for how you should act. As you mature that group from which you draw upon expands.

In Amateur Radio, we had a similar mechanism in place. It was known as the Elmering process. New hams would have elmers that would work with them to help them get their first license and get on the air. The elmer was a crucial part of the new ham's "societal development", because the elmer helped provide the new ham with guidelines for interaction with others.

As we've seen over the past decade, the "decade of greed / decade of self-indulgance" in the 80's gave us a generation of people who are into "instant gratification". Their focus is "me", and "I want it now". [Being a product of the 80's during which I spent my early adulthood, I too suffer from the same mindset to some degree, I must admit.]

Amateur radio responded in several ways. Primarily we made it easier for them to get ham licenses by creating the VE system, creating the codeless license, and now the electronic filing system for licenses. None of these advancements in of themselves are evil, but they merely create an environment which fosters potential problems.

Today's amateur has no elmer. He picks up a book at Radio Shack, takes the codeless tech test a few weeks later, and in a couple of

days has his license via the Internet. Now he's on the air, with absolutely no guidance or "elmer" to help him/her to adapt to the amateur radio world.

When this happens in the animal world (parents dying off before the children are fully developed emotionally) you end up with a bunch of unruly, unkempt adults. They had no basis for behavioural guidence.

I don't think that you will disagree that HF is a different animal than VHF. The rules are somewhat different for that societal interaction. Now, if you unleash 170,000 codeless techs on HF without giving them the proper guidence, then yes, you will have effectively unleashed what appears to be 170,000 unruly amateurs onto HF.

That, I feel, is a legitimate concern for people who use HF. It is especially important because unleashing people on HF might have an increased negative impact on our stature in the eyes of other nations. As such, the eventual implementation of codeless HF access must be done so tactfully to prevent these types of problems from occuring.

Thus, Conn's statement has some merit.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

Date: Sun, 27 Oct 1996 18:43:28 GMT
From: terry@modesty.com
Subject: mD'@1dVTnUItzHOT TECHNOLOGIES AND FREE STUFFBEv8q_CE<gV"

The Men's Club - http://www.mens-club.com/
- Hot Technologies
- FREE Stuff
- Exclusive Products
- Health Resources
- Image and Graphics Libraries
Men and Women 18+ Are Welcome!

Date: 25 Oct 96 15:02:13
From: markl@dove.net.au (Mark Little)
Subject: more insults and potty language from carl

>
>
> In article <546p3q$lj3@news.ais.net>,
> nasty foul mouthed carl@ais.net says...

>
> >
> > No, I would mantain
>
> MAINTAIN 2 points off spelling error

I love it when people tick off others for errors
(and then proceed to do what they just complained
about).

>
>
> Ahh yes, now the insults stupid ignorant way to make
> a point Carl BTW you still haven't provided ANY facts
> in 3 months What a class act
>

Bad punctuation.

> still waiting for you to name all these techno wiz bang
> modes you've invented CArl. OOhhh I'm sorry there a
> secret right???
>

Incorrect use of captial letter, bad punctuation.

> Wait a minute...you said many MANY times you can decode
> 20wpm in your head. Is that the equal equipment. Now
> you say you can't...anothe LIE CArl???
>

Incorrect use of capital letter, spelling error, incorrect use of punctuation.

> Obviously you haven't recuperated enough Carl. The
> doctor sez you should shut down and rest. Preferably
> in a nice white room with nice fluffy padded walls. I
> can see it now

Spelling error, incorrect punctuation.

>
> CARL..."I know that fly's in here..I can hear him
> buzzing around!!!!"
> --
> Steve - KF2TI (Advanced Class & Damned Proud of IT!)
> ARRL LIFE MEMBER
>
> No Code or Know Code...Who Cares??
>
> How can you be in Two Places at Once When You're
> Not Anywhere at All??
> .

Ever noticed how people who pick on spelling and punctuation
mistakes, always fall short of their own standards (and I'm
sure this will include me)? ;-)

E&OE
Mark.

Date: 27 Oct 1996 22:28:58 GMT
From: Alan Schoberg <schoberg@rrnet.com>
Subject: Pro Code and No Code Debate

pacrimgolf@kuentos.guam.net (Jim Kehler) wrote:
>brianb@gte.net (Brian A. Berard) wrote:
>
>> I really wish there was a tiny
>>portion of a HF band where i could practice low power live time real
>>code. I feel that this would help me tremedously to get up to speed. I
>>think if I were able to do this that I would progress in no time to
>>the point where I could take the tests required for my License. It's
>>NOT the Technical questions that I have a hard time with, it is the
>>Code. Which is why Im writing this post!
>
>There is. With a novice license, you are allowed to practice code on
>several HF bands, in the novice portion of those bands.
>
>73, Jim KH2D
>
>
Jim is correct. You must also realize that CW is workable on ANY ham
band! With a reasonable setup on VHF/UHF you can work stations for 50
miles around (more or less of course). Of course you can beg/borrow/steal
(theft is *not* recommended) a receiver and copy W1AW and a host of other
stations without transmitting at all. Sending code is much easier than
receiving, so practice receiving! Good luck, Al WQ0J

Date: Sun, 27 Oct 1996 19:34:19 GMT
From: eplatt@wco.com (Evan Platt)
Subject: TDD codes

I did that a long time ago.. You have to set at 300 baud, and 7-E-1,
if I recall correctly.. You might even need 110 baud. But from what I
remember, the TDD had to answer, and they had to hit the space bar a
few times, to 'connect'. And it only worked on a crappy modem, so I
don't think it will work on newer modems, unless someone has developed
a software.
Remember: A modem has to CONNECT, via a result code or 'handshaking'.
TDD's just start talking. Plus, TDD's only 'talk' when they type. Call
a TDD, you can tell how slow someone types: "beeeep" (pause) beeep
beeep beep (pause), where a modem is constant noise.

Good luck, let me know wheat happens.

wmunsil@aztec.asu.edu (WILLIAM W MUNSIL) wrote:

>
>Does anyone know the codes for TDD - teletype devices for the deaf?
>Is it standard ASCII or some other code? What speed do they use?
>73 es Tnx.
>I would like to use my modem on the phone with deaf friends.
>--
>I only check this account on weekends.
>For faster service, use my juno account.
>Bil Munsil n7aou@juno.com

Date: Sun, 27 Oct 1996 13:55:04 -0500
From: Burt Fisher <k1oik@ccsnet.com>
Subject: The final debate on CW.

WHAT IS C W

* It is a unique,intimate,concise and effective communications skill still
employed throughout the world.

* It is the most efficient mode in terms of power required for long-distance communication ,least susecptible to interference,and conserving of
the radio frequency spectrum.

* It involves no accent or pronunciation problems,therefore providing a widely understood international language.

* It employs simpler,more reliable and easily maintained equipment than any
other communications mode.

* It is an equalizer,negating age,speech impediments and dialectical differences;it provides for ready acceptance of youngsters in an adult enviornment.

* It is the ONLY radio communications mode that is understood readily by both man and machine.

--
#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#================#===#
|This message was posted from home k1oik@ccsnet.com |
#===#
If you try to milk too much, you won't get a drop

Samantha Fisher

Date: 27 Oct 1996 16:48:17 -0500
From: kd1hz@anomaly.ideamation.com (Michael P. Deignan)
Subject: to beep or not to beep

Yep folks, another entry for the Count The Carl Quips Contest:

In article <5504qq$snb@news.ais.net>, Carl Stevenson <carl@ais.net> wrote:

>TRY TO UNDERSTAND THIS WITH AN OPEN MIND IF THAT IS POSSIBLE FOR YOU >>>

Personal Insult #1

>This comes from two decades of having a bunch of holier-than-thou
>assholes and jerks,

Generic Amateur Community Insult #2

>unfairly locked out of the HF bands by these same backward, bigoted
>views ...

Generic Amateur Community Insult #3

>say than against ... and e-mail is 10:1 in favor ... the bulk of

More mysterious "e-mail". Probably a cron task that Carl has set up
to send himself messages.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

Date: 27 Oct 1996 15:47:01 -0700
From: dennisr@primenet.com (Dennis Rice)
Subject: yaesu ft-530 batteries

I temporarily misplaced my manual to my Yaesu FT 530 and I need to
know what battery models it will take. For example, I know it will
take a FNB-25. In particular will it take an FNB-26? What charger
goes with the FNB-26?

Can anyone help me out?

Thanks in advance.

Dennis, KC7FQD

End of Info-Hams Digest V96 #1242
****

5982. Ham Radio & More SHow back LIVE on WWCR

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-28 00:00:00 UTC
From: lenwink@goodnet.com
Message-ID: <553ci1$bo2o@news.goodnet.com>
Source record: 213940
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.info

The Ham Radio & More Show will be broadcast live again beginning this
sunday, November 3, 1996, on WWCR Shortwave. The show airs live each
sunday at 2300utc, 6:00pm, Eastern Time, on 5.070mhz.
This is in addition to the live broadcast available on RealAudio via
the Internet, courtesy of KBNP in Portland Oregon, as well as live on
many local radio stations throughout the country.
Please see below for more info.

*******WE WILL BE GIVING AWAY FREE PRIZES FROM LARSEN ANTENNAS, MFJ
ENTERPRISES, WORLD RADIO MAGAZINE, AMATEUR RADIO TRADER MAGAZINE, and
MORE to ALL callers this sunday to celebrate*******

Len Winkler, KB7LPW lenwink@goodnet.com
P.O. Box 9219 kb7lpw@kc7y.az.usa.na
Phoenix, AZ. 85068-9219 ARIZONA ARRL PIC

Ham Radio & More Show (host); info at:
http://www.barc.org/barc/ham-more.html (Home Page) (Thanks BARC)
http://www.tapr.org/hrm (RealAudio site to hear past shows) (Thanks TAPR)

The Ham Radio & More Show airs LIVE each Sunday at 6:00pm ET,
(2300utc), on many local commercial stations throughout the country.
ALSO: LIVE on WWCR Shortwave, 5.070mhz.
ALSO: LIVE on RealAudio at: http://www.AudioNet.com/radio/business/kbnp (Thanks KBNP)

Also available tape delayed via WWCR Shortwave on Mondays,
at 1000utc on 3.210mhz.

Support "WOG", the Written Only General!

5983. Re: Digital VS. CW Testing

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-28 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <551j61$t22@abyss.West.Sun.COM>
Source record: 213941

In article <54dp9e$rki@news.Hawaii.Edu>,
Jeffrey Herman <jherman@Hawaii.Edu> wrote:
>Ramon Gandia <rfg.at.nome.dot.net@no, .spam.please> wrote:
>
>>Fellows, I think both modes have their strengths and weaknesses.
>>Under very difficult conditions, noise, QRM, etc it is likely that
>>CW will get thru better than digital modes. In normal conditions,
>>the digital will outstrip the CW for speed.
>
>Wonder why everyone ignores the limitation of the speed of digital modes:
>The typing speed of the operator who initiates a message?

The reason people ignore this limitation is that it isn't a
limitation. In particular, a message can be composed "off-line",
i.e., not transmitting while the message is being composed. When
it is ready for transmission, the message can be sent rapidly, using
little time on the radio spectrum. Then, the message can be
automatically forwarded to the correct destination. Automatic
fowarding allows the technology to work around things like QRM
and poor band conditions. See, the limitation isn't how
fast one can type (or someone else can read) - the limitation
is how efficiently traffic can be passed, and that's a factor
you seem keen to ignore.

>RTTY has been around since the war years yet it never came into the
>forefront of amateur comms. Maybe most folks aren't all that interested
>in greater "spewput."

Note that we're not only talking about "keyboard-keyboard" communications
like RTTY and some packet. We're talking about technology to Relay
information over Radio - as in American *Radio Relay* League. Keep
in mind, if you think the answer is ridiculous, perhaps you don't
understand the question. It appears you'd be better off spending
your energy _understanding_ what modern digital communications is
and where it is going before you start _criticizing_ it.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

5984. Re: code or no code...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-28 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <552emp$7ft@lehi.kuentos.guam.net>
Source record: 213942

markl@dove.net.au (Mark Little) wrote:

>>
>> Somebody, I don't know who, wrote:
>>
>> > >You might want to look at the statistics showing how the hams are
>> > >getting older and older and there are not nearly enough young ones to
>> > >enter the hobby. In Finland, the average ham age in the last 4 years has
>> > >increased by 3 years.
>>
>> Sounds like the ham population is getting younger, not older. Seems to me
>> most hams would age 4 years in a 4 year period, not 3. Maybe they put something
>> in the water in Finland ?
>>
>> 73, Jim KH2D
>>

>It would only age 4 years in 4 years if (1) there are no new hams, or the the age
>of the hams is getting one year older every year. Either way, the hobby is
>ultimately doomed.

Thanks for letting me know, I'll start selling my equipment now to avoid the
rush later......

>Look at it this way. In 40 years, the average age of amateurs would have increased
>by 30 years. If the average of amateurs is now 50, what will the average amateur be
>in 60 years - dead.

Or, look at it this way - ham radio has been around for 80 years. Are most hams
now 89, or did we pick up some new ones along the way ?

73, Jim KH2D

5985. Re: Pro Code and No Code Debate

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-28 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <552f6a$7ft@lehi.kuentos.guam.net>
Source record: 213943

Dave Hockaday <wb4iuy@ipass.net> wrote:

>Brian A. Berard wrote:

>> I've tried the tapes and using a heath kit paddle keyer but somehow it
>> just doesn't cut the mustard! --)) I really wish there was a tiny
>> portion of a HF band where i could practice low power live time real
>> code. I feel that this would help me tremedously to get up to speed. I

>> for this, ironic as it sounds. I would just like an environment that
>> would allow me to practice it in a real world environment and make
>> actual contact to get me and others past this barrier. I get excited
>> just thinking about making contacts via CW.
>> brianb@gte.net

>You know, I've wondered about the same thing. It seems that the codeless
>techs should have some CW spectrum, maybe share the nov/tech subbands.
>It would be a perfect place to make contacts and practice CW at the same
>time. I've worked with a lot of newcomers on 2 meters CW, and it just
>isn't the same as real HF contacts. It would be a lot more fun if they
>could switch their rig on any time of day or night and call CQ, knowing
>that someone is out there...somewhere. Those of us who work CW know that
>on-the-air contacts are the best practice there is, and much better than
>listening to a tape.

Dave,
I agree totally, on the air is the best way to get code speed up. But
with the existing program, all a no code tech needs to get access to the
HF novice bands is a 5 wpm code certificate. And Morse code really isn't
something you can learn by trial and error, so if you don't have the basics,
5 wpm, what is there to practice ?

73, Jim KH2D

5986. Re: to beep or not to beep

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-28 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <550tk4$q9t@news.Hawaii.Edu>
Source record: 213944

Carl Stevenson <carl@ais.net> wrote:
>First, I know and use proper operating proceedures on HF ...

What a hoot! Tell us all about your HF operating, Gargle. You've had
a tech+ license for 21 years now. You must be a devout CW operator.

>Secondly, I am not a masochist ... I'd much rather work and get the
>rules changed than submit to your hazing ritual ...

Working on changing the rules for 21 years yet you don't call yourself
a masochist? You contradict yourself everytime you tap on your keyboard.

>Carl - wa6vse
(tech+ for 21 years)

Jeff KH2PZ

5987. Re: Q: No Code - Know Everything Else

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-28 00:00:00 UTC
From: jxs2151@shore.intercom.net
Message-ID: <551b22$bik@shore4.intercom.net>
Source record: 214006

In article <MPG.cdd62b1869263019896a6@news.planet.net>, adell@planet.net (Steve - KF2TI (Landing, NJ)) wrote:

>> If the priveleges
>
>PRIVILEDGES you'd never pass faster code anyway,
>you'd make toooooo many spelling mistakes

Mister Spellchecker: The word is "Privileges". You really should run your spellchecker before you start making corrections to others' work...

5988. Re: Ham Gear for Sale....

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-28 00:00:00 UTC
From: scederas@intercenter.net
Message-ID: <3274374c.674037@news.intercenter.net>
Source record: 214007
Cross-posted to: rec.ham-radio,rec.ham-radio.swap,rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.swap,rec.radio.swap

I have the same problem. I only get one or two new messages
every day.
AD4PY Cary, N.C.

On Sun, 27 Oct 1996 22:37:56 GMT, bry@mnsinc.com (Bry) wrote:

>I can't seem to get this bloody newsgroup to access any more.
>It's not my software etc. HERE because I CAN get messages from other
>newsgroups!
>
>Is it busted??
>
>73 from Amateur Radio AF4K / G3XLQ
>http://www.mnsinc.com/bry
>E-mail: bry@mnsinc.com
>Home of MEGALIST ham radio files, pirate links etc. etc.
>

5989. Re: New online survey asks--->Why aren't you an ARRL member??

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: N9RJV <N9RJV@megsinet.net>
Message-ID: <32766F11.5C8F@megsinet.net>
Source record: 213858

Clint Bradford wrote:
>
> >>Why Have You Not Chosen To Join The ARRL?
> >>Dues are too high.
> >>I just haven't gotten around to it.
>
> Of course, these two are silly, nonsensical responses.

No, Clint, those are NOT silly answers.
Contrary to popular, more liberal beliefs, there are, in fact, many people (like myself) who are on extremely limited incomes.
The 'dues' charged by the ARRL are by far the highest I have seen, and having to live on a sub-poverty level fixed disability income doesn't allow the wasting of that much for (in all honesty) little more than a magazine I read maybe twice a year. That's why I dropped them. They were overpriced, and not truly representative of my viewpoints. Not to mention, the two times I did ask them for basic information, all they could be bother to do was sell me a book or two which 'might have the answer I was looking for.'
No thanks. My money is MUCH better spent on a basic Internet package, like the one I have. No frills, Web, FTP, e-mail. and unlimited time for under $10 a month.
Yes. it adds up to 4 times the cost of the ARRL magazine subscription fee, but I get many times that in return.
Any additional return gotten from the ARRL are solely subject to the whims of the board (with a large dose of commercial marketing thrown in for good measure), not the membership anyhow. As a result, I put in my time with a local group that returns time to the communities surrounding it at the direction of its members, not the board and officers.

Gerry N9RJV

5990. Re: Hams Need to Develop Better Communications Technology

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <554u3d$6oe@anomaly.ideamation.com>
Source record: 213859

In article <553ucs$rda@cwis-20.wayne.edu>,
Ron Atkinson <n8fow@wireless.org> wrote:

>I guess nobody every told you, in the 1990's and beyond
>ham radio = computers. Computer networking is basically communications.

Sigh. A calculator is a rudimentary computer too. So what?

If your point is that anything that involves a computer is somehow
makes it "computer related", you're mistaken. People don't care that
a computer controls fuel-injection on their car, unless it fries and
they have to pay several hundred dollars.

The amateur radio hobby is not the computer hobby, which is what
the other poster alikened it to.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

5991. Re: Earn it, or GET THE BEEP OUTTA HERE

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: Dave Burr <dtburr@mcs.com>
Message-ID: <32764FDF.18F5@mcs.com>
Source record: 213860

N9RJV wrote:
>
> David J Brooks wrote:
> >
> > Here's a simple solution for anti-coders who want HF privs without
> > learning the code. Go get yourself an 11m rig, no license needed. You can
> > operate there to your heart's content on either AM of SSB with complete
> > assurance that you'll never hear any old farts pounding the brass there.
> > Heck, if you live near a big city you are almost certain to hear all
> > sorts of digitized noises there... At any rate, it will sound more or
> > less exactly the same as the Ham HF bands would if every anti-coder got
> > their wish....
> >
> > <STATIC BURST>Breaker One Nine, Carl, got your ears on?<MIKE
> > SQUEAL><STATIC BURST>
> >
> > On the other hand, if you spent half as much time working on your code as
> > you did whining about it you'd be on HF already...
> >
> > David J Brooks - KC5WNK
> > waterspout@juno.com
> > -+- -+-+ +++++ +-- -+ -+- +-+-+
>
> I agree 110%, David.
> The garbage going on 2m now around urban areas is horrific.
> The good old 'Break Break' has started to make an appearance around
> Chicago on 2m (and I'm not talking for emergency traffic, either -
> more's the pity). I'd be willing to bet that in another year or so 11m
> and 2m will sound identical.
>
> As for the code, and people like Carl - your childish attitude of crying
> and whining to the government to give you something you have neither
> earned nor deserve without earning has grown very thin.
> It's gotten to the point where every pompous whiny lazy little butthead
> who wants something they don't have the integrity, brains or intestinal
> fortitude to work for feels they 'deserve' everything they see - at
> other peoples expense.
>
> Sorry for the diatribe, but these lazy little morons are really starting
> to get my goat.

I think you guys have a point about the newbies on the amateur bands and
the wierd stuff that goes on, but I think that lots of these "CBers" you
hear on 2m are much more valuable, and far less detrimental, to our

hobby than the "fully qualified" idiots you hear on 75m, all the way across the band, every night of the year. These are the wonderful good 'ol boys who look down on not only new people, but new ideas, people of other races, you name it. Neither we as hams, nor the world, needs these people.

It is very tempting to hold code out as a rite of passage, because a) we did it the hard way ourselves, and b) we don't want crowded bands. But this hobby will die without two things 1)technical advancement 2) sufficient numbers and the resulting lobbying power to keep some spectrum available. I don't see how anyone in their right mind can deny that. To do so is to be selfish, understanding that the external forces acting on our hobby will cause some movement, but "who cares, I'll be dead anyway".

Technical advancement will not happen as a result of people having great CW proficiency, rather, if any standards are toughened, they should be technical in nature. I franky don't see a good rational reason to do that. I like barriers just like the next guy so I can hurdle them and then revel in how great I am compared to everyone else. But let's think a little bit about what the hobby really needs and perhaps create or eliminate them as we see fit, using a rational basis for our decision.

Dave
KK9L
dtburr@mcs.com

5992. Earn it, or GET THE BEEP OUTTA HERE

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: N9RJV <N9RJV@megsinet.net>
Message-ID: <32767301.28BF@megsinet.net>
Source record: 213861

David J Brooks wrote:
>
> Here's a simple solution for anti-coders who want HF privs without
> learning the code. Go get yourself an 11m rig, no license needed. You can
> operate there to your heart's content on either AM of SSB with complete
> assurance that you'll never hear any old farts pounding the brass there.
> Heck, if you live near a big city you are almost certain to hear all
> sorts of digitized noises there... At any rate, it will sound more or
> less exactly the same as the Ham HF bands would if every anti-coder got
> their wish....
>
> <STATIC BURST>Breaker One Nine, Carl, got your ears on?<MIKE
> SQUEAL><STATIC BURST>
>
> On the other hand, if you spent half as much time working on your code as
> you did whining about it you'd be on HF already...
>
> David J Brooks - KC5WNK
> waterspout@juno.com
> -+- -+-+ +++++ +-- -+ -+- +-+-+

I agree 110%, David.
The garbage going on 2m now around urban areas is horrific.
The good old 'Break Break' has started to make an appearance around
Chicago on 2m (and I'm not talking for emergency traffic, either -
more's the pity). I'd be willing to bet that in another year or so 11m
and 2m will sound identical.

As for the code, and people like Carl - your childish attitude of crying
and whining to the government to give you something you have neither
earned nor deserve without earning has grown very thin.
It's gotten to the point where every pompous whiny lazy little butthead
who wants something they don't have the integrity, brains or intestinal
fortitude to work for feels they 'deserve' everything they see - at
other peoples expense.

Sorry for the diatribe, but these lazy little morons are really starting
to get my goat.

Gerry
N9RJV
N9RJV@megsinet.net

5993. Re: jim conn's outrageous pro-code agenda finally revealed

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <554ul3$6p7@anomaly.ideamation.com>
Source record: 213862
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <846580384mnewsmarkl@dove.net.au>,
Mark Little <markl@dove.net.au> wrote:

>There is no requirement for amateurs to keep up Morse expertise, and
>even less of a requirement for them to use Morse.

True and not necessarily, in that order.

>Therefore, the test
>does not have the relevance you speak of.

Not true at all.

>If it was that relevant,
>then amateurs would be required to maintain that skill and use it.

Not using a skill does not make it any less relevant. For people who
do not want to interact with the numerous foreign ops in the lower
25kc, they don't have to partake in 20wpm code.

>Saying that is still used by numerous stations has little bearing on
>whether it should be a licence requirement.

Really? If 40% of all stations on HF use SSBANCM, then you shouldn't
be familiar with and tested on that mode?

>Many modes are used by
>amateurs in other countries, but there is no suggestion that using them
>increases international goodwill.

Most people speak, but we give that to you rather than test you on it.

>This has some merits, in that it relates the access given by the exam to
>the content of the exam. It has two problems, as I see it. First is the
>extra administrative overhead and the second is what do you do when
>someone wants to experiment with a new mode which has no current test?

Experimenting with new modes presents problems even today.

>Personally, I like this concept or a "band-based testing" concept where
>the characteristics of the band are examined to give access to a band.
>Thus amateurs wanting to use HF would need to know the basics of the band
>such as propagation characteristics, etc. This, to me, would be a more
>suitable type of testing to give full access to the HF bands as it would
>demonstrate specific knowledge of the band.

Yes, there is some additional overhead. We maintain a higher number of
examinations than we have today.

Unfortunately it doesn't teach you anything or make sure you know anything about various modes of operation, which are part-in-parcel with band characteristics. A mode-based testing scheme can address that.

>I have yet to see what guidance a morse code test in a classroom (receive >only in the US, I believe) does to provide social guidance on using HF.

You either missed or didn't read the first half of my statement. Code in of itself doesn't provide this guidence, its the elmering process that one would go through when learning code with one's elmer. The lack of code hasn't killed the hobby, its been the death of the elmering process being replaced for "instant gratification".

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

5994. Re: Code or No Code...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: Rolfe Tessem <rolfe@ldp.com>
Message-ID: <32761B40.5656@ldp.com>
Source record: 213863

Gary Coffman wrote:
>
> In article <54cict$mgi@lehi.kuentos.guam.net> pacrimgolf@kuentos.guam.net writes:
> >Somebody, I don't know who, wrote:
> >
> >> >You might want to look at the statistics showing how the hams are
> >> >getting older and older and there are not nearly enough young ones to
> >> >enter the hobby. In Finland, the average ham age in the last 4 years has
> >> >increased by 3 years.
> >
> >Sounds like the ham population is getting younger, not older. Seems to me
> >most hams would age 4 years in a 4 year period, not 3. Maybe they put something
> >in the water in Finland ?

> Skipped population demographics in school, did you Jim?
> When the average age of a population group is increasing
> at 3/4 year per year, that group is dying. It means that
> younger people aren't entering the group at a rate which
> would sustain it. A demographically stable group has the
> same average age year after year.

Of course, this entire thread ignores the fact that, because of the baby boom bulge, the world population, and the U.S. population in particular, is aging. This is not news, but it is affecting all kinds of trends -- such as crime rates coming down because most crimes are committed by young males. So the fact that the ham population is aging should not be particularly alarming unless it exceeds by a significant margin the aging curve of the population as a whole.

Rolfe
W3VH

--
Rolfe Tessem | Lucky Duck Productions, Inc.
rolfe@ldp.com | 96 Morton Street
(212) 463-0029 | New York, NY 10014

5995. Re: The final debate on CW.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: hans_brakob@adc.com
Message-ID: <846612053.7471@dejanews.com>
Source record: 213864

K1OIK expressed the following opinions about CW:

>* It is a unique,intimate,concise and effective communications skill
>still employed throughout the world.

>* It is the most efficient mode in terms of power required for long-
>distance communication ,least susecptible to interference,and
>conserving of the radio frequency spectrum.

>* It involves no accent or pronunciation problems,therefore
>providing a widely understood international language.

>* It employs simpler,more reliable and easily maintained equipment than
>any other communications mode.

>* It is an equalizer,negating age,speech impediments and dialectical
>differences;it provides for ready acceptance of youngsters in an
>adult enviornment.

>* It is the ONLY radio communications mode that is understood
>readily by both man and machine.

WA6SVE replied:

>... please stop posting your patently false bullshit about CW ...
> Phil Karn and other s have debunked each and every one
> of the lies you posted...

Carl,

You may certainly find reason to have a different opinion than
Mr. Fisher, but your disagreement does not make him a liar.

Gentlemen can disagree without being disagreeable.

73, de Hans, K0HB

Speaking politely on USENET is like dropping a rose petal
down the Grand Canyon and waiting for the echo.

This article was posted to Usenet via the Posting Service at Deja News:
http://www.dejanews.com/ [Search, Post, and Read Usenet News!]

5996. re: jim conn's outrageous pro-code agenda finally revealed

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: markl@dove.net.au
Message-ID: <846580384mnewsmarkl@dove.net.au>
Source record: 213865
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In a posting MD wrote:
>
> What is "relevant" to you, Carl, is not necessary relevant to the
> rest of the amateur population, and vice versa. CW continues to be
> a highly-used mode on HF. It is still used by numerous foreign
> amateur stations for communication. To promote international
> goodwill, one must be proficient in CW to work these foreign ops.
> Thus, the test is relevant in that respect.

There is no requirement for amateurs to keep up Morse expertise, and even less of a requirement for them to use Morse. Therefore, the test does not have the relevance you speak of. If it was that relevant, then amateurs would be required to maintain that skill and use it.

Saying that is still used by numerous stations has little bearing on whether it should be a licence requirement. Many modes are used by amateurs in other countries, but there is no suggestion that using them increases international goodwill. Surely using a communication mode that the others use, no matter what it is, is what increases goodwill. There is no inherent goodwill in any mode. Goodwill (or badwill) comes from the interaction of people.

On a lighter note, if the story about the "Babel fish" in "Hitchhiker's Guide to the Galaxy" has any validity, then perhaps Morse does more for international goodwill ;-)

>
> Unfortunately, our testing system in imprecise. We grant globs of
> operating privs for passing small, condensed tests. In an ideal world,
> if you want to work SSB you should be tested on SSB only and receive
> SSB privs only if you pass. This is the "mode-based testing" I have
> endorsed numerous times again and again. Unfortunately, as radically
> opposed to CW as you are, there are others equally-opposed to a
> mode-based testing scheme.

This has some merits, in that it relates the access given by the exam to the content of the exam. It has two problems, as I see it. First is the extra administrative overhead and the second is what do you do when someone wants to experiment with a new mode which has no current test?

Personally, I like this concept or a "band-based testing" concept where the characteristics of the band are examined to give access to a band. Thus amateurs wanting to use HF would need to know the basics of the band such as propagation characteristics, etc. This, to me, would be a more suitable type of testing to give full access to the HF bands as it would

demonstrate specific knowledge of the band.

> I don't think that you will disagree that HF is a different animal
> than VHF. The rules are somewhat different for that societal interaction.
> Now, if you unleash 170,000 codeless techs on HF without giving them
> the proper guidence, then yes, you will have effectively unleashed
> what appears to be 170,000 unruly amateurs onto HF.
>
> That, I feel, is a legitimate concern for people who use HF. It is
> especially important because unleashing people on HF might have an
> increased negative impact on our stature in the eyes of other nations.
> As such, the eventual implementation of codeless HF access must be
> done so tactfully to prevent these types of problems from occuring.

I have yet to see what guidance a morse code test in a classroom (receive only in the US, I believe) does to provide social guidance on using HF. There is no reference in the Morse exam to HF operating manners as I know it. I'd suggest that an exam on general operating manners (for everyone) would be more useful. For HF, a suitable test for HF access would be selecting and using HF frequencies - a test specifically relating to using the HF bands.

>
> MD

Mark.

5997. Re: Legal Action v.s. tech..

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: Bernie Skoch <BSkoch@postoffice.worldnet.att.net>
Message-ID: <554a5c$kr6@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 213866

eplatt@wco.com (Evan Platt) wrote:
> We can listen into the 2 GHz and higher, but not cellular or 46.63 - 47 MHz.
>
Evan,
Why can't we listen to 46.63-47 MHz?
73,
Bernie

5998. (none)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: PETERSM@TEN-NASH.TEN.K12.TN.US
Message-ID: <01IB7WC8RH02001DGS@TEN-NASH.TEN.K12.TN.US>
Source record: 213867

```
subscribe info martha peters
```

5999. US License Examination Opportunities Scheduled 10/29/96 to 1/27/97

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: "Bart Jahnke, KB9NM ARRL/VEC" <vec@arrl.org>
Message-ID: <32767266.43E8@arrl.org>
Source record: 213868

This page was last revised October 29, 1996

You can Email the ARRL/VEC (or this page's content
administrator) at "vec@arrl.org".

*****>> When viewing this list, if the list appears to be cut
off (stops somewhere in the middle of the state's listings)
try downloading the entire file then viewing it off line.
Some WEB browser programs have exhibited this problem.

****

Have you recently passed your test? Find out your new call sign and/or
license privileges using the following World Wide Web URL (or by using
the phone number shown below):

http://www.ualr.edu/~hamradio/

or look for this link from the ARRL WEB page at

http://www.arrl.org/

At ten (10 days) after the test session call 860-594-0300.

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AMATEUR RADIO EXAMINATION OPPORTUNITIES

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Want to find out what if your new FCC license has been granted?
Has it been 10 days since you took you examination?

If so, Call ARRL at 1-860-594-0300 (8 am to 9 pm weekdays, eastern time)
to find out. We suggest that you not call the FCC (should you choose to
call the FCC at 1-800-322-1117 during business hours, be aware that their
number is normally busy).

Your hardcopy (printed) license would follow shortly after the license
grant is indicated in the FCC Amateur Service data base.

If your test was coordinated through the ARRL/VEC, license turnaround
time will be approximately 7-15 days. This includes 1-5 days for the
VE team to complete their processing (the team has up to 10 days before
they must mail the results), 3-5 days between the VE team and the VEC;
2 business days at the VEC (in some cases only 1 day); and 1-3 business
days at the FCC. Allow 5 business days from the date that the VE team
estimates the test session results will reach the VEC.

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NEED AN FCC FORM 610?

The ARRL/VEC can supply you with your needed Forms 610, whether they be for the Reciprocal Permit for Alien Amateur Licensee, Form 610-A; Club/Military-Recreation/RACES station, Form 610-B; or Form 610 for Amateur Operator/Primary Station License. FCC Form 610-R is a computer generated renewal form that will be sent from the FCC (beginning September 1995) to licensees whose license is to expire within 90 days. Form 610-V is the special application for persons seeking a Vanity call sign (see below).

Several FCC forms, including Form 610, are available through the FCC's fax-on-demand service by calling 202-418-0177 (request form "000610" for Form 610, form "006108" for Form 610V).

You can obtain FCC Form 610V along with FCC form 1070V and FCC vanity call sign information fact sheet PR 5000, number 206v) by writing ARRL, 225 Main Street, Newington, CT 06111. You must include an SASE.

Form 610 or other forms, including Form 610V, are also available from the FCC via the internet at:

http://www.fcc.gov/Forms/

or

ftp://ftp.fcc.gov/pub/Forms/

The FCC Forms Distribution Center will accept FCC forms requests by calling 800-418-3676.

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VANITY CALL SIGNS - SUBMITTING YOUR APPLICATION VIA THE WORLD WIDE WEB

Vanity Call Signs can also be applied for, in the appropriate eligibility Gate, at the appropriate time, by using the following URL:

http://www.fcc.gov/wtb/amradsrv.html

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STILL NEED TO PREPARE FOR YOUR EXAM?

If you would like information on how to become licensed; or how to locate Amateur Radio clubs, instructors, licensing classes and/or Novice examiners in your area; please contact the ARRL Educational Activities Department (EAD) at 860-594-0301. The EAD can also provide information on recommended study materials. Electronic mail may be forwarded to the ARRL EAD via USENET at "ead@arrl.org" or via MCI Mail to MCI ID: 215-5052.

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THINGS TO BRING TO EXAMINATIONS

Bring a photo ID along with a second form of identification (else bring two non-photo forms of ID); bring your original FCC license and a photocopy of your license (if you are currently licensed); bring the original and a copy of any Certificate(s) of Successful Completion of Examination (CSCEs); if necessary, bring a scientific calculator (that does not have the ability to store formulas); bring a pen and two pencils; and be sure to bring payment for the test fee if charged by the VEC.

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EXAMINATION CREDIT IS AVAILABLE AS FOLLOWS

By presenting an original, current FCC-license, the following exam credit will be conveyed to the applicant by the VE Team:

Novice - Elements 1A and 2
Technician (dated after 2/14/91) - Elements 2 and 3A
(*)Technician (dated before 3/21/87) - Elements 1A, 2, 3A and 3B
Technician Plus - Elements 1A, 2 and 3A
General - Elements 1B, 2, 3A and 3B
Advanced - Elements 1B, 2, 3A, 3B and 4A
Extra - All elements

Footnote:

(*) For grandfather Element 3B credit, only an original license or a copy which was issued on or before 3/21/87 is acceptable by VEs. VECs may be able to allow such credit based upon an original CSCE issued on before that date which shows Element 3 credit for passing the (then) 50 question Technician/General written test. If such documentation has been destroyed, the FCC will itself issue the necessary verification. To obtain such verification, acceptable by all VE Teams and VECs, write to FCC and request a "Letter of Verification of Technician License Held Prior To March 21, 1987". Mail (or fax 717-337-1541) your request to: FCC, 1270 Fairfield Rd, Gettysburg PA 17325-7245. If you include reference to a fax number in your reply, the FCC will fax your verification letter to you. Normal turnaround at FCC is 3-5 business days after receipt.

By presenting an original Certificate of Successful Completion of Examination (CSCE), the following credit is conveyed:

* For Technician licensees: A CSCE showing Element 1A, 1B or 1C credit qualifies the holder for Technician Plus HF privileges. The CSCE may have been issued more than 365 days earlier.

* For others: A CSCE issued up to 365 days earlier conveys credit for the element(s) shown as passed. A Physician's Certification on a Form 610 is acceptable by a VE Team for 365 days after the Physician's signature date. Once accepted by the VE Team, assuming the applicant qualifies for a General or Advanced license,

a CSCE is issued showing Element 1C (or "Physician's Cert. and Release: 1C") credit is valid for 365 days toward an Extra class license.

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LOST LICENSES

If you have lost your license, you can obtain a duplicate by writing to: FCC, 1270 Fairfield Rd, Gettysburg PA 17325-7245; indicating that you lost your license and that you are requesting that a replacement license be issued to you. You may fax your request to FCC at 717-337-1541.

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ACCOMMODATIONS FOR THE HANDICAPPED OR DISABLED

The FCC requires that the administering VEs must accommodate an examinee whose physical disabilities require a special examination procedure. To do so, the administering VEs may require a physician's statement indicating the nature of the disability before determining which, if any, special accommodative procedures must be used.

The VEs may accommodate handicapped/disabled examinees by administering the examination at a place convenient and comfortable for the examinee--even at bedside; for the hearing impaired the Morse code may be sent using flashing lights or a vibrating surface; for the visually impaired, VEs may read or write for the examinee; where warranted, the VEs may pause the Morse code message after each sentence/phrase, or each word, or even after each character to allow the examinee additional time to absorb and interpret what was sent--also the VEs may substitute a sending test for a receiving test where the examinee's handicap warrants.

VE Teams may need advanced notice in order to provide the necessary accommodations to examinees who require them. If you will require accommodations, please contact the VE Team in advance to advise them of your needs.

EXEMPTION OF THE 13/20 WPM MORSE CODE REQUIREMENTS

If you are a severely handicapped or disabled individual and have already passed at least a 5 WPM Morse code examination (or hold a license which meets that requirement), you may be eligible for exemption from the 13/20 WPM Morse code examination requirements. See the back of a current FCC Form 610 for details.

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The following test session information is provided by the ARRL/VEC for the upcoming eight to twelve week period. For further information, please contact the test session CONTACT PERSON at the telephone number provided. If necessary, you may contact the ARRL/VEC at 860-594-0300 for additional information. Electronic mail may be forwarded to the ARRL/VEC via USENET at "vec@arrl.org" or via MCI Mail to MCI ID: 215-5052.

Although the test session information presented here does not indicate whether walk-ins are accepted or not, most test sessions do allow walk-ins. We encourage you, however, to always contact the CONTACT PERSON at the telephone number provided so that the VE Team is aware that you be attending the test session.

EXAM LISTINGS - DEFINITION OF FIELDS

STATE
Test Date,VEC,City,Zip-code,Contact Phone,Contact Person

The SECOND field in the following listing specifies the VEC which is coordinating this examination. This single-character designator denotes the VEC as defined below. An "A" (for example) indicates that this examination is coordinated by the ARRL/VEC.

For further information on any examinations listed, or if you do not find any examinations listed for your area, you may contact any of the coordinating VECs below.

A = ARRL/VEC, 225 Main St, Newington, CT 06111; (d) 860-594-0300
The 1996 test fee is $6.05.

X = Anchorage ARC, 2628 Turnagain Parkway, Anchorage, AK 99517;
(d) 907-786-8121, (n) 907-243-2221 (or) 907-276-5121
(or) 907-274-5546. No fee.

C = Central Alabama VEC Inc., 1215 Dale Dr SE, Huntsville, AL 35801;
205-536-3904

E = Golden Empire ARS, PO Box 508, Chico, CA 95927; No phone.

G = Greater Los Angeles ARG, 9737 Noble Ave, Sepulveda, CA 91343;
818-892-2068, 805-822-1473.

J = Jefferson ARC, PO Box 24368, New Orleans, LA 70184-4368;
504-832-6803

K = Koolau ARC, 45-529 Nakuluai St, Kaneohe, HI 96744;
808-235-4132

L = Laurel ARC Inc., PO Box 3039, Laurel, MD 20709-0039;
(d) 301-572-5124, (n) 301-317-7819 or 301-588-3924

M = The Milwaukee RAC Inc., PO Box 25707, Milwaukee, WI 53225;
414-466-4267.

H = Mountain ARC, PO Box 10, Burlington, WV 26710; 304-289-3576,
301-724-0674

P = PHD ARA Inc., PO Box 11, Liberty, MO 64068-0011; 816-781-7313

R = Sandarc-VEC, PO Box 2446, La Mesa, CA 91943-2446; 619-465-3926.
No fee.

S = Sunnyvale VEC ARC, PO Box 60307, Sunnyvale, CA 94088-0307;
408-255-9000. The 1996 test fee is $6.00.

T = Triad Emergency ARC, 3504 Stonehurst Pl, High Point, NC 27265;
910-841-7576

W = Western Carolinas ARS VEC, 5833 Clinton Hwy - Suite 203,
Knoxville, TN 37912-2500; 423-688-7771. The 1996 test fee is $6.05.

5 = W5YI-VEC, PO Box 565101, Dallas, TX 75356-5101; 817-461-6443
The 1996 test fee is $6.05.

EXAMINATION OPPORTUNITIES IN YOUR AREA:

ALASKA
11/02/96,X,Fairbanks,99701,907-488-2488,Billy Connor
11/06/96,X,Anchorage,99501,907-243-2221,Roger Hansen
11/06/96,X,Eagle River,99517,907-343-8121,Roger Hansen
11/09/96,X,Anchorage,99501,907-243-2221,Roger Hansen
12/04/96,X,Anchorage,99501,907-243-2221,Roger Hansen
12/04/96,X,Eagle River,99517,907-343-8121,Roger Hansen
12/07/96,X,Fairbanks,99701,907-488-2488,Billy Connor
12/14/96,X,Anchorage,99501,907-243-2221,Roger Hansen
01/04/97,X,Fairbanks,99701,907-488-2488,Billy Connor
01/11/97,X,Anchorage,99501,907-243-2221,Roger Hansen

ALABAMA
11/01/96,C,Pelham,35203,205-803-1151,Jim Baker
11/05/96,A,Mobile,36693,334-649-5229,David O Robinson
11/16/96,A,Fort Payne,35967,205-657-5204,Albert Bible
11/16/96,5,Sheffield,35660,205-389-8070,John Lambert, Jr
11/30/96,A,Albertville,35950,205-891-4720,William J Lane
11/30/96,A,Montgomery,36106,334-269-4201,Leroy Bell Jr
12/07/96,C,Birmingham,35203,205-681-3025,Chuck Hendricks
12/14/96,A,Scottsboro,35768,2056575204,Albert Bible
12/15/96,W,Gadsden,35901,205-492-8194,Gene McGlaughn
12/21/96,5,Sheffield,35660,205-389-8070,John Lambert, Jr
12/28/96,A,Albertville,35950,205-891-4720,William J Lane
12/28/96,A,Montgomery,36106,334-269-4201,Leroy Bell Jr
01/11/97,A,Fort Payne,35967,205-657-5204,Albert Bible
01/16/97,A,Decatur,35601,205-350-5454,Bill Blackburn

ARKANSAS
11/05/96,A,Jacksonville,72076,501-982-6511,Vernon A Oberle
11/09/96,A,Benton,72015,501-847-2793,Mike L Porter, Sr
11/09/96,A,Russellville,72801,501-641-2022,Ben Hillis

11/09/96,A,Siloam Springs,72761,501-524-8090,Michael Diaz KJ5OP
11/11/96,A,Fox,72051,501-363-4383,Jack Oyler
11/12/96,A,Conway,72032,501-329-1451,Glenn A King
11/12/96,A,Paragould,72450,501-236-3921,Dr Jay Springman
11/12/96,A,Searcy,72143,501-729-5489,Roger Gray
11/16/96,5,Magnolia,65747,501-234-1218,Larry Taylor
11/16/96,5,Van Buren,72952,501-471-1045,Philip Williams WA5P
11/23/96,A,Little Rock,72205,501-835-5495,Elisha J "EJ"" Dixon Jr
11/26/96,A,Mena,71953,501-389-6727,Landon J Brewer Jr
12/03/96,A,Jacksonville,72076,501-982-6511,Vernon A Oberle
12/07/96,A,Jonesboro,72401,501-932-1660,Evelyn E Castleberry
12/10/96,A,Paragould,72450,501-236-3921,Dr Jay Springman
12/14/96,A,Benton,72015,501-847-2793,Mike L Porter, Sr
12/14/96,5,Magnolia,65747,501-234-1218,Larry Taylor
12/14/96,A,Siloam Springs,72761,501-524-8090,Michael Diaz KJ5OP
12/21/96,A,Little Rock,72205,501-835-5495,Elisha J "EJ"" Dixon Jr
12/21/96,5,Van Buren,72952,501-471-1045,Philip Williams WA5P
01/11/97,A,Siloam Springs,72761,501-524-8090,Michael Diaz KJ5OP
01/14/97,A,Searcy,72143,501-729-5489,Roger Gray
01/18/97,A,Booneville,72927,501-675-4982,Christy Townsend N5ZRO

ARIZONA
11/02/96,A,Phoenix,85001,602-972-8733,Ray Sumner, NW7R
11/09/96,A,Prescott,86301,602-772-8539,Dave Rutledge
11/09/96,R,Tucson,85748,602-886-7217,Joe Wong
11/09/96,5,Williams,86320,520-637-2358,Jerald Ellison
11/12/96,A,Green Valley,85614,520-648-2834,Carolyn S Miller
11/16/96,A,Tucson,85705,520-885-6362,Melody D Kehl KG7XH
11/18/96,A,Mesa,85207,602-898-4066,Denise M Rospapa
11/23/96,A,Phoenix,85004,602-996-8148,Gary M Hamman
12/07/96,A,Flagstaff,86001,520-774-9221,Robert Eis
12/07/96,A,Phoenix,85001,602-972-8733,Ray Sumner, NW7R
12/14/96,R,Tucson,85748,602-886-7217,Joe Wong
12/16/96,A,Mesa,85207,602-898-4066,Denise M Rospapa
12/21/96,A,Tucson,85705,520-885-6362,Melody D Kehl KG7XH
12/28/96,A,Phoenix,85004,602-996-8148,Gary M Hamman

CALIFORNIA
10/30/96,A,San Diego,92106,619-222-4043,Rod McLennan
11/01/96,A,Bakersfield,93301,805-765-2297,James M Phillips AA7IU
11/02/96,A,Cupertino,95014,408-243-8349,Emmett Freitas
11/02/96,A,Los Osos,93402,805-528-1022,Charles Curry KD6RDQ
11/02/96,A,Pleasant Hill,94501,510-427-4022,James W Wallace Jr
11/02/96,R,Santee,91942,619-466-8219,H M Knickerbocker
11/03/96,A,Oakland,94618,510-233-4504,Vern Orme, AA6YE
11/05/96,S,Fremont,94537,408-255-9000,Sunnyvale VEC
11/06/96,5,Sacramento,95822,916-334-4887,Jim Lomax
11/08/96,A,Irvine,92717,714-824-8477,Jack C Lockhart WD6AEI
11/09/96,5,Bell,90201,213-560-8618,Pedro Cacheiro
11/09/96,R,Carlsbad,92026,619-747-5872,Louis B Massie
11/09/96,A,Culver City,90230,310-827-2538,Clive Morel AA6TZ

11/09/96,A,Fontana,92337,909-823-6818,Louis Johnson
11/09/96,A,Glendora,91740,818-966-7715,Perry Stevens P.R.C.
11/09/96,A,Goleta,93116,805-962-8957,Phil Beautrow KG6KB
11/09/96,A,Jackson,95642,209-296-3412,Ray Parker AA6EW
11/09/96,A,Redding,96001,916-243-6339,Kenna Pine
11/09/96,5,San Pedro,90710,310-325-2965,Elvin Lytle
11/10/96,A,Hemet,92545,909-926-9347,Steve J Hennessee W6UMR
11/10/96,A,Sacramento,95828,916-383-2113,Richard Addison
11/11/96,A,Bermuda Dunes,92201,619-345-8780,Don Doughty
11/11/96,A,Palm Desert,92260,619-346-3046,Maureen Hiemstra
11/12/96,5,Vallejo,94589,707-553-8625,Jose Tampinco
11/12/96,A,Yuba City,95991,916-673-0868,Homer Oliver
11/14/96,A,Colton,92324,909-825-7136,Harold Heydenfeldt
11/15/96,A,Lafayette,94565,510-427-4022,JAMES W WALLACE
11/16/96,A,Arcata,95521,707-826-0767,Irma Ruegg KF6FY
11/16/96,A,Clearlake,95422,707-994-1133,Carol Oliver
11/16/96,A,Cupertino,95014,408-243-8349,Emmett Freitas
11/16/96,A,Glen Ellen,95442,707-996-6461,James McCauley
11/16/96,5,Orange,90720,310-598-0086,Rick Riness
11/16/96,A,Sacramento,95825,916-483-3293,Lyle Aufranc AA6DJ
11/16/96,R,San Diego,92104,619-464-0668,Robert Bostick
11/16/96,5,San Francisco,94122,415-753-5368,Daniel Young
11/16/96,A,Stockton,95208,209-465-7496,Mark Tollini W6DKI
11/17/96,A,Fresno,93703,209-431-2038,Charles McConnell, W6DPD
11/17/96,A,Hercules,94547,510-728-9915,William C Eugenio
11/18/96,5,San Diego,92154,619-575-5222,Carol Barrier
11/21/96,5,Fountain Valley,92708,714-531-6707,Allan Avnet
11/21/96,A,Palm Desert,92260,619-341-5142,Greg West
11/21/96,5,Santa Clarita,91322,805-259-8410,John Abbott
11/23/96,R,Chula Vista,92150,619-428-8418,James Murphy
11/23/96,A,Pomona,91769,909-949-0059,Donald Warburg WA6HNC
11/23/96,A,Sonora,95370,209-962-7146,Carl H Croci
11/23/96,5,Westminster,92640,714-638-4057,Terry Hall
11/25/96,A,Livermore,94550,510-833-1661,Jim McWhorter
11/30/96,A,Culver City,90049,310-459-0337,Scott V Swanson
11/30/96,R,Escondido,92026,619-743-4212,Harry A Hodges
11/30/96,A,Fairfield,94588,916-791-0268,Richard Winter AB6EY
11/30/96,5,Garden Grove,92643,714-534-8633,John Gregory
12/01/96,S,Concord,94520,408-255-9000,Sunnyvale VEC
12/03/96,S,Fremont,94537,408-255-9000,Sunnyvale VEC
12/04/96,A,Los Angeles,90280,310-923-6531,Clyde McCown
12/04/96,5,Sacramento,95822,916-334-4887,Jim Lomax
12/06/96,A,Lake Isabella,93240,619-379-2947,Thomas Corso
12/07/96,A,Cupertino,95014,408-243-8349,Emmett Freitas
12/07/96,A,Lancaster,93534,805-948-1865,Adrienne J Sherwood
12/07/96,A,San Rafael,94901,707-778-8504,Tom Miller
12/07/96,R,Santee,91942,619-466-8219,H M Knickerbocker
12/07/96,A,Ventura,93004,805-388-2488,George Kreider III KN6LA
12/09/96,A,Bermuda Dunes,92201,619-345-8780,Don Doughty
12/09/96,A,Palm Desert,92260,619-346-3046,Maureen Hiemstra

12/11/96,5,Hollywood,91607,818-766-1341,Elliott Bloch
12/12/96,A,Colton,92324,909-825-7136,Harold Heydenfeldt
12/12/96,A,Sacramento,95828,916-383-2113,Richard Addison
12/14/96,5,Anderson,96007,916-357-4834,Albert Simants
12/14/96,5,Bell,90201,213-560-8618,Pedro Cacheiro
12/14/96,5,Brea,92621,310-691-1514,Robert Reitzel
12/14/96,R,Carlsbad,92026,619-747-5872,Louis B Massie
12/14/96,A,Culver City,90230,310-827-2538,Clive Morel AA6TZ
12/14/96,A,Culver City,90230,310-827-2538,Clive Morel
12/14/96,A,Fontana,92337,909-823-6818,Louis Johnson
12/14/96,A,Glendora,91740,818-966-7715,Perry Stevens P.R.C.
12/14/96,A,Grass Valley,95945,916-477-1805,Mike Dickinson WD6EVG
12/14/96,A,Petaluma,94954,707-762-9414,Dale Westerterp WB6TMS
12/14/96,S,Sunnyvale,94086,408-255-9000,Sunnyvale VEC
12/14/96,A,Torrance,90504,310-328-0817,Joe Lamphen WB6MYD
12/19/96,A,Palm Desert,92260,619-341-5142,Greg West
12/21/96,A,Cupertino,95014,408-243-8349,Emmett Freitas
12/21/96,A,Downey,90241,310-923-5598,Wesley Printz
12/21/96,A,Oakhurst,93644,209-683-8772,Robert Tauxe W6JTA
12/21/96,S,Porterville,93257,408-255-9000,Sunnyvale VEC
12/21/96,S,Redwood City,94063,408-255-9000,Sunnyvale VEC
12/21/96,A,Sacramento,95825,916-483-3293,Lyle Aufranc AA6DJ
12/21/96,R,San Diego,92104,619-464-0668,Robert Bostick
12/21/96,A,Stockton,95208,209-465-7496,Mark Tollini W6DKI
12/28/96,R,Chula Vista,92150,619-428-8418,James Murphy
12/28/96,A,Culver City,90049,310-459-0337,Scott V Swanson
12/28/96,R,Escondido,92026,619-743-4212,Harry A Hodges
12/28/96,A,Fairfield,94588,916-791-0268,Richard Winter AB6EY
12/28/96,5,Torrance,96900,310-834-0558,Renato Santos
12/29/96,S,Sunnyvale,94086,408-255-9000,Sunnyvale VEC
01/05/97,A,Oakland,94618,510-233-4504,Vern Orme, AA6YE
01/19/97,A,Fresno,93703,209-431-2038,Charles McConnell, W6DPD

COLORADO
11/02/96,A,Englewood,80112,303-795-5718,Dave Avery
11/09/96,A,Denver,80220,303-360-7293,Glenn Schultz
11/09/96,A,Fort Collins,80523,970-350-4218,Steve Henry
11/09/96,A,Glenwood Springs,81601,970-945-6653,Robert Cutter
11/13/96,A,Windsor,80550,303-484-3989,Annita St John or Don St John
11/23/96,A,Longmont,80501,303-651-1075,Randal or Jan Abbott
11/23/96,A,Pueblo,81002,719-948-2291,Jon Mihalick
11/24/96,5,Aurora,80011,303-364-6783,Lee Tingle
12/07/96,A,Englewood,80112,303-795-5718,Dave Avery
12/07/96,5,Sterling,80751,970-522-5787,Blaine Malmedal
12/14/96,A,Colorado Springs,80910,719-596-5345,Erik Mugele, KG0XE
12/14/96,A,Denver,80220,303-360-7293,Glenn Schultz
12/14/96,A,Greeley,80631,970-356-1553,Donald E Ernest
12/16/96,A,Windsor,80550,303-484-3989,Annita St John or Don St John
12/28/96,A,Longmont,80501,303-651-1075,Randal or Jan Abbott
12/29/96,5,Aurora,80011,303-364-6783,Lee Tingle

01/11/97,A,Fort Collins,80523,970-350-4218,Steve Henry

CONNECTICUT
11/03/96,A,Milford,06460,203-874-1907,Richard Botsford, N1DRQ
11/07/96,A,Coventry,06238,860-742-5422,Mark Ireland
11/09/96,A,Stamford,06904,203-356-8934,Thomas J Alessi
11/10/96,A,Branford,06405,203-484-4877,Tony Vanacore, Jr
11/12/96,A,Thomaston,06787,860-283-1044,Steven Dziadik
11/14/96,A,Farmington,06032,203-379-5708,Sue Fredrickson
11/16/96,A,Coventry,06238,860-742-5422,Mark Ireland
11/19/96,A,Middletown,06457,860-635-5020,Carl Brinck
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12/17/96,A,Middletown,06457,860-635-5020,Carl Brinck
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11/09/96,A,Augusta,30906,706-798-5060,C L Norton
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12/14/96,A,Oak Forest,60452,708-448-0580,David Brasel, NF9N
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12/04/96,A,Acton,01720,508-562-5622,Charles D McCarthy
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12/09/96,A,Boston,02115,617-593-1955,Bob Wondolowski

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12/27/96,A,Holyoke,01040,413-245-3228,Ann Mullen
12/29/96,A,Shirley,01464,508-425-6672,Tom Sefranek WA1RHP
01/04/97,A,S Dartmouth,02748,508-991-6055,Lawrence Houbre
01/10/97,A,Ware,01082,413-967-7426,Tony Naglieri
01/11/97,A,Braintree,02184,617-843-4400,William J Needham
01/11/97,A,Pittsfield,01201,413-528-9002,Tom Jaworki
01/27/97,A,Greenfield,01301,413-665-6611,Richard Strycharz, Jr

MARYLAND
11/03/96,A,Palmer Park,20785,301-773-2898,Freddie Battle
11/09/96,A,Baltimore,21211,410-668-2363,Adrian Nickles
11/16/96,L,Laurel,20707,301-572-5124,John Creel
11/16/96,A,Manchester,21102,410-239-8488,Ed Davis, KF2EN
12/01/96,5,Palmer Park,20785,301-773-2898,Freddie Battle
12/14/96,H,Cumberland,21501,304-289-3576,Leo Patterson 304-289-3576
12/19/96,A,Towson,21204,410-426-8255,further info may be obtained
01/05/97,A,Palmer Park,20785,301-773-2898,Freddie Battle
01/18/97,A,Manchester,21102,410-239-8488,Ed Davis, KF2EN

MAINE
11/02/96,A,Portland,04102,207-856-6192,Barnie Reynolds
11/09/96,A,Houlton,04730,207-532-2823,Peter M Hurd N1SS
11/15/96,A,Alfred,04087,207-324-1718,Albert Noble Jr
12/08/96,A,Yarmouth,04096,207-846-7734,Dick Jackson
12/18/96,A,Brunswick,04011,207-725-5155,Stephen A Hanks

MICHIGAN
11/02/96,5,Iron Mountain,49801,906-246-3641,F D Le Quia
11/02/96,5,Iron Mountain,49801,906-246-3641,F D Le Quia
11/02/96,A,Lansing,48910,517-484-4855,Peter Lycos, KM8K
11/02/96,5,Mount Clemens,48036,810-468-8345,William Chesmey
11/02/96,A,Petoskey,49770,616-526-5503,Floyd A Davis
11/02/96,A,Saginaw,48602,517-624-9094,G Ed King
11/02/96,A,Whitehall,49461,616-894-8325,James Durham
11/08/96,A,Grand Rapids,49505,616-458-6000,John W Wittmann
11/09/96,A,Ann Arbor,48108,313-663-4625,Claybourne Mitchell
11/09/96,A,Dearborn,48128,313-676-6248,Motor City Radio Club
11/09/96,A,Flint,48507,810-639-7646,Rodney Brown
11/09/96,A,Watersmeet,49969,906-358-4513,Daniel Reynolds
11/10/96,A,Stevensville,49127,616-429-7574,Larry Schrader
11/13/96,A,Watersmeet,49969,906-358-4513,Daniel Reynolds

11/16/96,A,Flint,48501,810-634-6077,Bill Coale
11/16/96,5,Jackson,49203,517-782-1430,Richard McGuire KI8C
11/16/96,A,Kalamazoo,49001,616-345-8892,David Watt
11/16/96,A,Port Huron,48060,810-364-9640,Leon T Switzer
11/16/96,A,Traverse City,49684,616-946-5312,Chuck Mellberg W8SGR
11/23/96,A,Allegan,49010,616-673-5340,Bryan Lane
11/23/96,A,South Lyon,48178,313-878-1142,J David Blassingame
11/26/96,A,Laurium,49913,906-337-2542,George Thurner
12/02/96,A,Kalamazoo,49002,616-323-8123,William D Vantilburg
12/02/96,5,Portage,49081,616-323-8123,Bill Van Tilburg
12/03/96,A,Oak Park,48237,810-642-3608,Jeff Albrecht, N8WRY
12/07/96,5,Detroit,48034,810-471-6010,Dennis Mills
12/07/96,5,Mount Clemens,48036,810-468-8345,William Chesmey
12/07/96,A,Petoskey,49770,616-526-5503,Floyd A Davis
12/07/96,A,Whitehall,49461,616-894-8325,James Durham
12/11/96,A,Trenton,48183,313-676-6248,Motor City Radio Club
12/13/96,A,Grand Rapids,49505,616-458-6000,John W Wittmann
12/14/96,A,Ann Arbor,48108,313-663-4625,Claybourne Mitchell
12/14/96,A,Flint,48507,810-639-7646,Rodney Brown
12/14/96,A,Marquette,49855,906-249-3837,Richard Schwenke
12/14/96,A,Roscommon,48653,517-821-9427,Mark L Marsh
12/15/96,A,Stevensville,49127,616-429-7574,Larry Schrader
12/17/96,A,Highland,48383,810-669-9338,Richard A Wolf
12/21/96,A,Flint,48501,810-634-6077,Bill Coale
12/21/96,5,Jackson,49203,517-782-1430,Richard McGuire KI8C
12/21/96,5,Monroe,48182,313-854-2224,W Paul Trouten
12/28/96,A,Allegan,49010,616-673-5340,Bryan Lane
01/10/97,A,Grand Rapids,49505,616-458-6000,John W Wittmann
01/11/97,A,Houghton,49931,906-337-2542,George R Thurner, W8FWG
01/18/97,A,Manistee,49660,616-723-2119,Elmer Stamp
01/25/97,A,South Lyon,48178,313-878-1142,J David Blassingame

MINNESOTA
10/31/96,A,Warroad,56763,218-634-2454,Michael Serbinski
11/04/96,A,Wadena,56482,218-837-5405,Barbara Ranson
11/09/96,A,Blaine,55434,612-571-7441,Arthur J Mundy
11/09/96,A,Bloomington,55431,612-888-9756,Daniel J Royer
11/14/96,A,Apple Valley,55124,612-432-0438,Bill Martin KA0CIR
11/16/96,A,Cottage Grove,55016,612-459-8678,David Harrell
11/19/96,A,Duluth,55802,218-626-2590,Douglas J Nelson
11/21/96,A,Rochester,55901,507-252-1284,Bob Dubke K0SIR
11/23/96,A,N Branch,55056,612-444-9814,Bradley Fern
11/23/96,A,Waite Park,56387,612-573-2613,Robert Bruner
12/02/96,A,Wadena,56482,218-837-5405,Barbara Ranson
12/07/96,A,Golden Valley,55422,612-459-8678,Dave Harrell
12/12/96,A,Apple Valley,55124,612-432-0438,Bill Martin KA0CIR
12/14/96,A,Blaine,55434,612-571-7441,Arthur J Mundy
12/14/96,A,Bloomington,55431,612-888-9756,Daniel J Royer
01/11/97,A,Blaine,55434,612-571-7441,Arthur J Mundy

MISSOURI
11/02/96,5,Kimberling City,65686,417-739-2888,Jim Davis
11/04/96,A,Jackson,63957,314-866-2622,Gerald Grasso
11/07/96,5,Shell Knob,65747,417-858-2920,Travis Treat
11/08/96,P,Independance,64050,816-483-2037,Joe Palace
11/10/96,A,Kirksville,63501,816-825-4721,Duane L Seibold
11/12/96,A,Columbia,65201,314-445-7030,Dewey Bennett
11/13/96,A,Camdenton,65020,573-369-3409,Ace J Hudson
11/13/96,5,Chillicothe,74447,918 756 4749,Jerry Wine
11/14/96,A,Jefferson City,65101,573-635-3362,Alan Braun
11/16/96,A,St Louis,63135,314-510-3223,Ronald Lemons
11/19/96,A,Nevada,64772,417-667-2112,Carl B Pokorny
12/02/96,A,Jackson,63957,314-866-2622,Gerald Grasso
12/07/96,5,Kimberling City,65686,417-739-2888,Jim Davis
12/08/96,A,Kirksville,63501,816-825-4721,Duane L Seibold
12/10/96,A,Columbia,65201,314-445-7030,Dewey Bennett
12/11/96,A,Camdenton,65020,573-369-3409,Ace J Hudson
12/12/96,A,Jefferson City,65101,573-635-3362,Alan Braun
12/14/96,A,Springfield,65804,417-889-6775,James W Thorpe
12/14/96,A,St Louis,63135,314-510-3223,Ronald Lemons
12/16/96,A,Buffalo,65622,417-345-8923,Allan Campbell
12/29/96,A,Brookfield,64628,816-258-7445,Ronald Asher
01/18/97,A,St Louis,63135,314-510-3223,Ronald Lemons

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11/09/96,5,Hattiesburg,39401,601-583-0313,Walter Shields
11/12/96,A,Ocean Springs,39564,601-875-0222,Stanley Hecker
12/01/96,A,Laurel,39440,601-729-8087,Lee P Matthews

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10/31/96,A,Cut Bank,59427,406-873-2467,Bill C Roper
11/04/96,5,Helena,59601,406-442-7107,John Geach
11/16/96,A,Billings,59101,406-656-6987,Donald Whitcomb
11/21/96,5,Kalispell,59901,406-756-8633,Darrell Christophers
11/25/96,A,Hamilton,59840,406-961-2489,James R Wood Sr
11/25/96,A,Miles City,59301,406-232-3401,C Robin Brooks
12/10/96,A,Butte,59701,406-494-3066,Robert T Evans
12/23/96,A,Miles City,59301,406-232-3401,C Robin Brooks
12/30/96,A,Hamilton,59840,406-961-2489,James R Wood Sr
01/27/97,A,Hamilton,59840,406-961-2489,James R Wood Sr

NORTH CAROLINA
11/02/96,W,Brevard,28712,704-877-4757,W Harrison Whitlock
11/02/96,A,Statesville,28677,704-873-4446,Tim Misenheimer
11/04/96,A,Buies Creek,27506,910-897-2550,Mark Hammond
11/09/96,W,Burnsville,28714,704-675-9044,David McCarty
11/09/96,A,Durham,27703,919-494-2088,Terrence J Murphy
11/09/96,A,Fayetteville,28356,910-425-4175,Robert Doyle
11/09/96,5,Jefferson,28643,910-384-2870,Chet Rataski
11/09/96,W,Robbinsville,28771,704-479-3173,Janet Ward
11/09/96,A,Yadkinville,27055,910-961-8741,Steve Hutchens
11/16/96,A,Charlotte,28217,704-948-7373,Mary S Hunt

11/16/96,A,Clinton,28328,910-592-5926,Joseph P Powell
11/16/96,T,Lexington,27292,910-841-7576,Jim Williamson NQ4T
11/16/96,A,Morehead City,28557,919-247-6240,Cecil Pennington
11/16/96,A,Smithfield,27577,919-554-2154,David Hockaday
11/17/96,W,Asheville,28787,704-645-3511,Steve Lanford
11/23/96,A,Morganton,28655,704-433-6205,Thomas D Taylor Sr
11/23/96,A,Rocky Mount,27804,919-442-6131,William P Thomas
11/28/96,A,Washington,27889,919-975-6098,Robert Richardson KR4TW
11/30/96,W,Hendersonville,28806,423-688-7771,WCARS VEC
12/07/96,W,Shelby,28150,704-937-9697,Bobby Fisher
12/14/96,A,Franklinton,27525,919-494-2088,Terry Murphy
12/14/96,A,Hillsborough,27278,919-644-8681,David J. Snyder
12/14/96,W,Leicester,28748,704-683-1400,Larry E York
12/14/96,W,Marion,28752,704-668-3176,Randy Freeman
12/14/96,A,Wilmington,28412,910-791-1566,Jack Jacobs
12/15/96,5,Monroe,28110,803-286-5299,Charles Teague
12/20/96,A,Greenville,27858,919-752-3901,Brother Simon Jaworski
12/21/96,A,Smithfield,27577,919-554-2154,David Hockaday
12/28/96,A,Morganton,28655,704-433-6205,Thomas D Taylor Sr
12/29/96,A,Clemmons,27012,910 766 8667,David Fleming
12/29/96,A,Winston-Salem,27102,910-766-8667,David Fleming
01/04/97,A,New Bern,28562,919-633-3178,Charlie Gould
01/14/97,A,Buies Creek,27506,910-897-2550,Mark Hammond

NEBRASKA
12/07/96,A,North Platte,69101,308-532-1804,Arthur E McEntire

NEW HAMPSHIRE
12/07/96,A,Newport,03773,603-542-4906,Leigh A Damren, WB1EAE
12/07/96,A,Portsmouth,03801,603-436-0416,Al Lapanne KC1MW
12/14/96,A,Nashua,03060,603-672-4035,James Heedles

NEW JERSEY
11/04/96,A,Sayreville,08872,908-754-5800,Larry Makoski
11/04/96,A,Sparta,07871,201-702-0290,Dawn Payne N2NKF
11/09/96,A,Cranford,07016,201-228-2895,Arnold J Knadle
11/11/96,A,Hopatcong,07843,201-579-6241,Bonnie Johnson (Bonita)
11/13/96,A,Fort Monmouth,07703,908-532-5354,Gerald Silverman
11/13/96,A,Sussex,07461,201-875-3407,Raymond Czyzewski, Jr
11/14/96,5,Paterson,07072,201 935 4840,John Chooljian
11/19/96,A,Essex Fells,07932,201-377-4776,Ken Roser
11/20/96,A,Morris Plains,07950,201-898-9897,George H Cooke
11/21/96,5,Bellmawr,08099,609-939-3032,William O'Donnell
11/21/96,A,Egg Harbor Twp,08234,609-926-4973,Wayne Van de Pol
11/23/96,A,Ramsey,07446,201-445-5172,Andrew G Birmingham
12/02/96,A,Sayreville,08872,908-754-5800,Larry Makoski
12/07/96,A,Raritan,08869,908-968-6911,Marty Ficke KD2QK
12/11/96,A,Fort Monmouth,07703,908-532-5354,Gerald Silverman
12/14/96,A,Cranford,07016,201-228-2895,Arnold J Knadle
12/14/96,A,Ramsey,07446,201-445-5172,Andrew G Birmingham
12/17/96,A,Essex Fells,07932,201-377-4776,Ken Roser

12/19/96,5,Bellmawr,08099,609-939-3032,William O'Donnell
01/08/97,A,Fort Monmouth,07703,908-532-5354,Gerald Silverman

NEW MEXICO
11/09/96,5,Albuquerque,87110,505-299-4128,Peter De Wolf
11/09/96,A,Albuquerque,87111,505-299-4128,Peter H DeWolf
11/19/96,A,White Rock,87544,505-672-1007,Michael E Smith
11/21/96,A,Los Alamos,87544,505-662-9155,James S Griffiths, KB3EI
11/23/96,A,Socorro,87801,505-835-5225,Dr Kalman Oravecz
01/04/97,A,Las Cruces,88005,505-527-1693,Bill Klein

NEVADA
11/02/96,A,Henderson,89015,702-565-0242,Janet Welsh
11/16/96,A,Minden,89423,702-265-4278,George S Uebele
12/07/96,A,Henderson,89015,702-565-0242,Janet Welsh
12/21/96,A,Reno,89502,702-826-0329,Jesse L Bond

NEW YORK
10/29/96,A,Brooklyn,11214,718-948-2290,Harvey J Bird KB2EA
10/31/96,A,Clifton Park,12065,518-371-2305,Wendell White, KF2XY
11/01/96,A,Oriskany,13424,315-732-7078,Richard Roberts KB2HGM
11/02/96,A,Islip,11751,516-234-0589,Addison Levi
11/03/96,A,Yonkers,10710,914-237-5589,Emily Maytan AC2V
11/07/96,5,Camillus,13031,315-468-2540,John M Patchett II
11/07/96,5,Rochester,14620,716-621-7678,Mike Eeckhout
11/09/96,5,Arcade,14437,716-335-3804,Barbara Weirich
11/09/96,A,Greenvale,11568,516-623-6449,Al Bender
11/09/96,A,Troy,12180,518-439-7357,Nels Williams, WB2SBO
11/10/96,5,Bronx,10454,718-993-3269,Ruben Alala
11/12/96,5,Hicksville,11725,516-499-2214,Robert Wexelbaum
11/12/96,A,Pomona,10970,914-357-0712,Steve Koeper
11/15/96,5,Verona,13478,315-853-8974,Leonard Popyack
11/16/96,A,Huntington,11743,516-266-3192,Joseph Coffield
11/16/96,A,Modena,12548,914-566-0936,Dan Conna
11/16/96,5,Rochester,14623,716-334-1533,George Platteter
11/18/96,A,New York,10025,212-854-3754,Alan Crosswell N2YGK
11/18/96,A,New York,10023,212-456-5224,Jerry Cudmore
11/19/96,5,Pelham,10803,914-738-5775,Mike Ciferri
11/20/96,A,Lancaster,14086,716-937-3592,Charles Koester
11/20/96,A,Schenectady,12308,518-399-1793,Charlie Haynes KA2VNP
11/23/96,A,Blue Point,11743,516-224-7114,Leonard Buonaiuto
11/23/96,A,Greenwich,12834,518-692-9537,Linda M Kirk
11/24/96,A,N Lindenhurst,11757,516-422-9684,Tom Carrubba KA2DFO
11/24/96,A,Suffern,10970,914-357-0712,Steve Koeper, KF2JA
11/26/96,A,Brooklyn,11214,718-948-2290,Harvey J Bird KB2EA
12/02/96,A,Schenectady,12304,518-399-1793,Charles Haynes, KA2VNP
12/02/96,A,Yonkers,10710,914-237-5589,Emily Maytan AC2V
12/05/96,5,Camillus,13031,315-468-2540,John M Patchett II
12/05/96,5,Rochester,14620,716-621-7678,Mike Eeckhout
12/06/96,A,Oriskany,13424,315-732-7078,Richard Roberts KB2HGM
12/07/96,A,Islip,11751,516-234-0589,Addison Levi

12/08/96,5,Bronx,10454,718-993-3269,Ruben Alala
12/08/96,A,St Albans,11412,718-981-8876,Gwen (Vikki) Neal
12/09/96,A,New York,10023,212-456-5224,Jerry Cudmore
12/10/96,5,Hicksville,11725,516-499-2214,Robert Wexelbaum
12/10/96,A,Pomona,10970,914-357-0712,Steve Koeper
12/11/96,A,White Plains,10601,914-285-3029,Sandy Fried
12/14/96,5,Arcade,14437,716-335-3804,Barbara Weirich
12/14/96,A,Greenvale,11568,516-623-6449,Al Bender
12/14/96,A,Kingston,12401,914-876-2963,Robert Micrie KY2J
12/16/96,A,New York,10025,212-854-3754,Alan Crosswell N2YGK
12/18/96,A,Lancaster,14086,716-937-3592,Charles Koester
12/20/96,5,Verona,13478,315-853-8974,Leonard Popyack
12/21/96,A,Huntington,11743,516-266-3192,Joseph Coffield
12/21/96,A,Norwich,13815,607-847-6152,Ken Cassidy
12/21/96,5,Rochester,14623,716-334-1533,George Platteter
12/22/96,A,N Lindenhurst,11757,516-422-9684,Tom Carrubba KA2DFO
12/22/96,A,Suffern,10970,914-357-0712,Steve Koeper, KF2JA
12/28/96,A,Blue Point,11743,516-224-7114,Leonard Buonaiuto
01/04/97,A,Islip,11751,516-234-0589,Addison Levi
01/06/97,A,Schenectady,12304,518-399-1793,Charles Haynes, KA2VNP
01/11/97,A,Greenvale,11568,516-623-6449,Al Bender
01/11/97,A,Lake Huntington,12752,914-932-8544,Frank Szabo
01/15/97,A,Schenectady,12308,518-399-1793,Charlie Haynes KA2VNP
01/17/97,A,Southold,11971,516-323-3646,Ralph Williams
01/18/97,A,Huntington,11743,516-266-3192,Joseph Coffield
01/19/97,A,Yonkers,10704,914-969-1053,Otto Supliski

OHIO
11/02/96,A,Cincinnati,45216,513-891-7556,Herbert C Blasberg
11/02/96,A,Cincinnati,45216,513-574-1653,James Reilly
11/03/96,A,Eaton,45320,513-456-3229,Jeffry Blackmon
11/03/96,A,Marion,43302,614-499-3565,Stephen Eckard
11/04/96,A,Akron,44314,216-733-4495,Paul Davis K8NQT
11/04/96,A,Newark,43055,614-587-1223,Joe Santo
11/05/96,A,Canfield,44515,216-799-6832,Frank L Mc Cormick
11/09/96,A,Dayton,45469,937-426-8717,Chuck Gauder W8XG
11/09/96,A,Indian Springs,45011,513-868-7012,Ted Wilson
11/09/96,A,Maumee,43537,419-693-3023,Ross H Mergenthaler
11/09/96,A,Proctorville,45669,614-894-5541,James Brown KA8ZZI
11/09/96,A,Van Wert,45891,419-795-5763,Robert E High
11/09/96,A,Westerville,43081,614-861-6916,William Tabor, K8NIO
11/10/96,A,Independence,44131,216-642-1399,Gary Dewey
11/16/96,A,Cincinnati,45223,513-661-5323,Carol Hugentober K8DHK
11/16/96,5,Portsmouth,45657,614-372-5811,Jack King
11/21/96,A,Youngstown,44502,216-534-1394,James Viele
11/23/96,A,Beavercreek,45432,513-426-6699,Francis Swope
11/23/96,A,Delta,43515,419-826-7401,Tom Copeland N8MAV
11/24/96,A,Millersburg,44654,216-359-5527,Rose Emick KB8RQU
11/27/96,5,Middletown,45042,513 423 5893,Donald Viel
11/30/96,A,Canton,44705,216-837-2927,Gary Kline

11/30/96,A,Fremont,43420,419-334-2728,Chuck Foster Sr
12/01/96,A,Eaton,45320,513-456-3229,Jeffry Blackmon
12/03/96,A,Canfield,44515,216-799-6832,Frank L Mc Cormick
12/07/96,A,Cincinnati,45216,513-891-7556,Herbert C Blasberg
12/07/96,A,Mentor,44060,216-256-0320,R Scott Farnham
12/07/96,A,Reynoldsburg,43068,614-860-4423,Bill Ludwig KE8QN
12/08/96,A,Coshocton,43812,614-623-0413,Hawood Giles, AA8UW
12/14/96,A,Dayton,45469,937-426-8717,Chuck Gauder W8XG
12/14/96,5,Findlay,45839,419-423-1339,Fred Laube
12/14/96,A,Indian Springs,45011,513-868-7012,Ted Wilson
12/14/96,A,Maumee,43537,419-693-3023,Ross H Mergenthaler
12/14/96,A,McArthur,45651,614-596-4190,Kenneth Neal KB8NF
12/14/96,5,Van Wert,45891,419-795-5763,Robert E High
12/15/96,A,Lancaster,43130,614-654-8167,Allen Sellers
12/18/96,5,Martins Ferry,43940,614-676-3056,Allan Olexa
12/21/96,A,Greenville,45331,513-548-3010,Leon Harshbarger N8QAL
12/28/96,A,Delta,43515,419-826-7401,Tom Copeland N8MAV
01/01/97,A,Cincinnati,45216,513-891-7556,Herbert C Blasberg

OKLAHOMA
11/02/96,A,Broken Arrow,74012,918-251-3449,Sam Morris
11/09/96,A,Bartlesville,74003,918-333-9161,George R Wiszneauckas
11/09/96,5,Hugo,74743,405-326-2448,Garry Parker
11/09/96,A,Norman,73069,405-329-1681,John Copeland
11/10/96,5,Stillwater,54077,405-377-7586,Kenneth Case
11/15/96,5,Pawhuska,74050,918-287-3665,Jack Chidester
11/16/96,A,Tulsa,74129,918-743-2517,Wayne Rumley II
11/18/96,5,Oklahoma City,73008,405-789-8535,William Wolfenbarger
11/19/96,A,Miami,74354,918-542-7142,Gary Sherard
11/20/96,A,Tulsa,74106,918-627-0392,Georgia McReynolds
11/26/96,A,Altus,73521,405-266-3357,George Mteyko
11/26/96,5,Duncan,73505,405-353-5722,Jim Arterberry
11/26/96,5,Okmulgee,74447,918-756-4749,Ray Stewart
11/26/96,5,Shawnee,74801,405-275-3935,James Drummond
11/30/96,5,Catoosa,74011,918-455-6208,Don Feigel WD5EHU
12/07/96,A,Broken Arrow,74012,918-251-3449,Sam Morris
12/07/96,A,Ponca City,74631,405-762-1966,Mark E Byard
12/14/96,5,Hugo,74743,405-326-2448,Garry Parker
12/14/96,A,Norman,73069,405-329-1681,John Copeland
12/16/96,5,Oklahoma City,73008,405-789-8535,William Wolfenbarger
12/17/96,A,Altus,73521,405-266-3357,George Mteyko
12/17/96,5,Duncan,73505,405-353-5722,Jim Arterberry
12/17/96,A,Miami,74354,918-542-7142,Gary Sherard
12/17/96,5,Shawnee,74801,405-275-3935,James Drummond
12/20/96,5,Pawhuska,74050,918-287-3665,Jack Chidester
12/28/96,5,Catoosa,74011,918-455-6208,Don Feigel WD5EHU

OREGON
11/09/96,A,Albany,97321,503-838-4865,Alesa M Nason KA7UGQ
11/10/96,A,Portland,97075,503-626-7399,John Mackey
11/13/96,A,Roseburg,97470,541-672-7564,Anne Wolfe

11/16/96,A,Newport,97365,503-563-3866,Philip Smith
11/20/96,S,Florence,97439,503-997-2323,Hal Lock N7NNA
11/24/96,A,Portland,97075,503-626-7399,John Mackey
12/07/96,5,Brookings,97415,541-469-7029,Arlon Helms
12/07/96,5,Lincoln City,97367,541-994-3113,Carl Schmauder
12/08/96,A,Portland,97075,503-626-7399,John Mackey
12/09/96,5,Medford,97501,541-772-6865,Dale Trautman
12/11/96,A,McMinnville,97128,503-244-9065,Colin Lamb
12/11/96,5,Pendleton,97813,541-566-3597,Michael Duffy
12/11/96,A,Roseburg,97470,541-672-5884,Melvin R Trammell
12/11/96,A,Roseburg,97470,541-672-7564,Anne Wolfe
12/13/96,5,Grants Pass,97526,541-474-0205,Clyde Little
12/21/96,A,Newport,97365,503-563-3866,Philip Smith
12/22/96,A,Portland,97075,503-626-7399,John Mackey

PENNSYLVANIA
10/30/96,A,Matamoras,18336,914-856-0426,Ray Rothstein AA2WC
10/30/96,A,Warminster,18974,215-343-3494,Tom Michaud

11/02/96,A,Bristol,19001,215-943-4886,George LeNoir Jr
11/02/96,A,Bryn Mawr,19406,610-265-6032,Robert Lees
11/02/96,A,Erie,16505,814-665-9124,Norma Vanderhoff
11/02/96,A,Honesdale,18431,717-253-5201,Vincent J Banville
11/02/96,A,Pittsburgh,15237,412-372-3417,Norm Sperling N3IEY
11/02/96,A,Tamaqua,18252,717-668-3098,Allen R Breiner Sr W3TI
11/07/96,5,Levittown,19067,215-946-1040,David Heller
11/07/96,A,Philadelphia,19103,215-482-0386,William E Rhoads Sr
11/08/96,A,Nazareth,18064,215-820-0944,Robin C Moseley
11/09/96,A,Butler,16001,412-282-6777,Gerald Wetzel
11/09/96,A,Hershey,17033,717-948-6222,Michael Kalbaugh N3HLK
11/09/96,5,N Huntington,15022,412-483-7135,Ricardo Morales
11/09/96,A,New Castle,16102,412-667-1166,Gary Pirkkala
11/10/96,A,Houston,15342,412-222-6473,Alexander Lockman WB3BZK
11/13/96,A,Scranton,18508,717-342-8591,Art Sposto
11/14/96,5,Ambridge,15010,412-846-2667,Mike Emerling
11/16/96,5,Elco,15483,412-938-8125,Charles Furlong
11/16/96,A,Ephrata,17522,717-626-2623,Joseph Lerman
11/16/96,A,Erie,16541,814-734-4260,Dr John J Duda
11/16/96,A,Ridgeway,15857,814-781-7232,Mark Schneider
11/17/96,5,Norristown,19401,610-279-1897,Raymond Patton
11/18/96,A,Telford,18969,215-723-6697,Joseph J Burgess
11/21/96,A,East Stroudsburg,18301,717-424-0945,Dave Haney
11/21/96,5,New Castle,16112,412-667-9451,Fred Van Natten
11/21/96,A,Union City,16438,814-665-9124,Norma Vanderhoff
11/23/96,A,Pittsburgh,15326,412-885-8073,Dennis Tanner
11/27/96,A,Matamoras,18336,914-856-0426,Ray Rothstein AA2WC
11/30/96,A,Greensburg,15601,412-523-4261,Richard Beaver
12/01/96,A,UnionTown,15401,412-246-2870,John Cermak
12/02/96,A,Myerstown,17067,717-933-4609,Thomas Fox N3XAP
12/05/96,5,Levittown,19067,215-946-1040,David Heller
12/05/96,A,Philadelphia,19103,215-482-0386,William E Rhoads Sr

12/06/96,A,Nazareth,18064,215-820-0944,Robin C Moseley
12/07/96,A,Bristol,19001,215-943-4886,George LeNoir Jr
12/07/96,A,Erie,16505,814-665-9124,Norma Vanderhoff
12/07/96,5,New Eagle,15037,412_751_4373,William Cioccio
12/07/96,A,Newtown Square,19073,215-622-2200,Walter Faust
12/07/96,A,Pittsburgh,15226,412-563-2379,Jim Cottrill
12/11/96,A,Scranton,18508,717-342-8591,Art Sposto
12/12/96,5,Ambridge,15010,412-846-2667,Mike Emerling
12/14/96,A,Honesdale,18431,717-253-5201,Vincent J Banville
12/14/96,5,Media,19086,610-565-8477,Jim Goldman
12/14/96,5,N Huntington,15022,412-483-7135,Ricardo Morales
12/14/96,A,New Castle,16102,412-667-1166,Gary Pirkkala
12/14/96,A,Shrewsbury,17361,717-235-0273,Carol Kirschman
12/15/96,5,Norristown,19401,610-279-1897,Raymond Patton
12/16/96,A,Oakdale,15071,412-833-6049,Mark Strayer KE3JA
12/16/96,A,Telford,18969,215-723-6697,Joseph J Burgess
12/19/96,A,East Stroudsburg,18301,717-424-0945,Dave Haney
12/19/96,5,New Castle,16112,412-667-9451,Fred Van Natten
12/21/96,5,Elco,15483,412-938-8125,Charles Furlong
12/21/96,A,Erie,16541,814-734-4260,Dr John J Duda
01/08/97,L,Scranton,18510,717-342-8591,Art Sposto
01/18/97,A,Ephrata,17522,717-626-2623,Joseph Lerman
01/20/97,A,Telford,18969,215-723-6697,Joseph J Burgess
01/25/97,A,Honesdale,18431,717-253-5201,Vincent J Banville

RHODE ISLAND
11/03/96,A,East Providence,02916,508-761-5296,Paul Prew NZ1P
11/14/96,A,Providence,02910,401-231-9156,Judy Nelson, KC1RI
11/30/96,A,Slatersville,02864,401-333-2129,Robert Beaudet
12/07/96,A,Conventry,02816,401-822-2592,Tom Senerchia KA1VAY
12/07/96,A,Middletown,02840,401-683-2250,Jack P Garforth
12/12/96,A,Providence,02910,401-231-9156,Judy Nelson, KC1RI
12/28/96,A,Slatersville,02864,401-333-2129,Robert Beaudet

SOUTH CAROLINA
11/02/96,W,Greenville,29602,803-967-0001,Sue Chism
11/09/96,A,Myrtle Beach,29577,803-215-1456,Thomas Palmiri
11/16/96,5,Charleston,29149,803-871-4368,Cyrus E Frank
11/16/96,W,Sumter,29150,803-775-9106,Dan Mask
12/07/96,W,Greenville,29602,803-967-0001,Sue Chism
12/10/96,W,Spartanburg,29302,803-576-5566,H Peter Theiler
12/14/96,W,Columbia,29036,803-345-3373,Ray Rogers
12/21/96,A,N Charleston,29149,803-871-4368,Cyrus E Frank
01/18/97,A,N Charleston,29149,803-871-4368,Cyrus E Frank

SOUTH DAKOTA
11/16/96,A,Pierre,57501,605-224-6805,Jeffrey S Kelley

TENNESSEE
10/31/96,5,Bristol,37620,423-968-3350,William Owen
11/02/96,A,Oak Ridge,37830,615-531-9432,Charlie Davis

11/02/96,5,Trenton,38316,901-742-3302,Lou E Parker
11/03/96,W,Gallatin,37066,615-452-0883,Ronnie L Gilley
11/07/96,A,Huntsville,37756,423-627-2941,Esau Burchfield, Jr
11/09/96,A,Bartlett,38133,901-366-9722,Joan Thorne
11/10/96,W,Jasper,37347,615-942-5116,Charles Wooten
11/11/96,W,Athens,37331,423-263-9300,Evan Ray
11/16/96,A,Columbia,38401,615-381-6814,Charles Miller
11/16/96,W,Knoxville,37918,423-688-7771,Ray Adams
11/19/96,5,East View,38339,901-239-8629,Robert Smith
11/23/96,W,Greeneville,37743,615-639-6495,Abner Richards
11/23/96,W,Paris,38251,901-247-5489,Mackie Gallimore
11/24/96,5,Clarksville,37042,615-552-6746,B C Cash
11/24/96,A,Sparta,38583,615-761-5007,Charles A Nielsen
11/27/96,5,Bristol,37620,423-968-3350,William Owen
11/27/96,W,Morristown,37814,423-429-1403,Tom Parm KS4HH
11/30/96,W,Rosemark,38053,901-829-3712,Walter R Heald
12/06/96,A,Chattanooga,37403,615-886-4714,Arthur W Parry, Jr
12/07/96,A,Oak Ridge,37830,615-531-9432,Charlie Davis
12/08/96,W,Jasper,37347,615-942-5116,Charles Wooten
12/09/96,W,Maryville,37804,423-982-5839,Carroll Peabody
12/10/96,A,Bartlett,38133,901-366-9722,Joan Thorne
12/14/96,A,Nashville,37214,615-824-7216,Murray G Jones, K4ANH
12/14/96,5,Trenton,38316,901-742-3302,Lou E Parker
12/21/96,W,Johnson City,37602,423-282-2490,Jim Bullins
12/21/96,W,Knoxville,37918,423-688-7771,Ray Adams
12/22/96,A,Sparta,38583,615-761-5007,Charles A Nielsen
12/26/96,5,Bristol,37620,423-968-3350,William Owen
12/29/96,5,Clarksville,37042,615-552-6746,B C Cash
01/03/97,A,Chattanooga,37403,615-886-4714,Arthur W Parry, Jr
01/26/97,A,Lebanon,37087,615-444-0429,Jared Chaffin

TEXAS
10/29/96,A,Abilene,79601,915-672-8889,Peggy Richard
11/01/96,5,Longview,75604,903-759-2160,James Nix
11/02/96,A,Bryan,77840,409-764-7340,Gail Pate N5XNV
11/02/96,A,Harlingen,78550,210-428-2822,Oskar Schreiber, KE5ZV
11/02/96,A,Hempstead,77445,409-826-3274,Jim Royce
11/02/96,A,Nederland,77627,409-736-2542,A C Randle IV
11/02/96,A,Odessa,79761,915-367-0408,Les Blalock
11/02/96,A,Paris,75460,903-737-8562,Tommy Shoulders
11/02/96,A,San Antonio,78223,210-635-7384,Dianna VanBlaricum
11/02/96,5,San Antonio,78223,210-635-7384,Jerry VanBlaricum
11/02/96,A,Texarkana,75503,903-838-5514,Carl Fitzgerald
11/03/96,A,McKinney,75069,214-734-6309,Jim Moore
11/05/96,5,Amarillo,79109,806-353-7944,George Riley
11/07/96,A,Boerne,78006,210-249-3168,Larry E Becker
11/07/96,A,Hurst,76053,817-268-5206,E C Dorsey
11/09/96,5,Arlington,76016,817-572-6511,Ron Land
11/09/96,5,Bay City,77456,409-843-5083,Elwood Gilchrist
11/09/96,5,Dallas,75235,214-350-9492,Larry Herring WR3J

11/09/96,5,Dayton,77535,409-258-9462,Jerry McDonald
11/09/96,A,Houston,77062,713-486-2032,James Heil
11/09/96,A,Midland,79701,915-520-5955,Bryant W Saxon, KD5C
11/09/96,5,Seven Points,75147,905-887-4847,Stuart Wells
11/09/96,A,Waco,76710,817-859-5374,Alma P Lang
11/11/96,A,Wichita Falls,76301,817-692-0162,Dale Cheek, NY5B
11/12/96,5,Desoto,75116,214-298-6628,Johnny Roberson
11/12/96,A,El Paso,79904,915-751-0693,Jim Kluetz
11/12/96,A,Houston,77036,713-682-6897,Cass Germany
11/14/96,5,Fort Worth,76140,817-293-6745,Ted Richard
11/14/96,A,Houston,77003,713-738-1584,Frank J Laugermann Jr
11/14/96,A,Mesquite,75150,214-564-4210,Phillip Elery
11/15/96,5,Corsicana,75110,903-872-1773,Gorman Snider
11/15/96,A,Sherman,75090,903-892-0454,Jerry Newcomb, KC5LRY
11/16/96,A,Irving,75062,214-252-8015,William Revis, Jr
11/16/96,5,Mission,78572,210-580-1957,Vince Langlois
11/16/96,5,Plano,75098,214-442-2592,John Scanlan
11/16/96,A,San Antonio,78223,210-635-7384,Dianna VanBlaricum
11/16/96,5,San Antonio,78223,210-635-7384,Jerry VanBlaricum
11/16/96,5,Whitney,76692,817-694-4047,James McQueen
11/21/96,A,Houston,77080,713-329-6510,David G Adams
11/21/96,A,San Antonio,78232,210-673-8852,Leslie Dale
11/23/96,A,Belton,76513,817-939-7797,Sandy J Neaves
11/23/96,5,Copperas Cove,76522,817-547-4610,John Easler
11/23/96,A,Sour Lake,77659,409-840-9208,John Uttinger AC5AI
11/23/96,A,Tomball,77375,713-537-9240,Bill Gary K8CSG
11/30/96,A,Houston,77088,713-931-9427,Charles W Hobley
11/30/96,A,San Antonio,78207,210-433-1714,Armando Aguirre
12/01/96,A,McKinney,75069,214-734-6309,Jim Moore
12/05/96,A,Harlingen,78550,210-421-9210,John F Teer
12/05/96,A,Hurst,76053,817-268-5206,E C Dorsey
12/07/96,5,Amarillo,79109,806-353-7944,George Riley
12/07/96,A,Brownsville,78521,210-546-4779,Bob Austin N5VCG
12/07/96,A,El Paso,79930,915-859-5502,Cleyborn Emert
12/07/96,A,Greenville,75401,903-455-0730,William S Fletcher AB5MM
12/07/96,A,Houston,77098,713-558-4932,Lee Gaspard WA5QXE
12/07/96,A,Orange,77630,409-886-7159,Paul Clark
12/07/96,A,Paris,75460,903-737-8562,Tommy Shoulders
12/07/96,A,San Antonio,78223,210-635-7384,Dianna VanBlaricum
12/07/96,5,San Antonio,78223,210-635-7384,Jerry VanBlaricum
12/10/96,5,Desoto,75116,214-298-6628,Johnny Roberson
12/10/96,A,Houston,77036,713-682-6897,Cass Germany
12/12/96,5,Fort Worth,76140,817-293-6745,Ted Richard
12/14/96,5,Arlington,76016,817-572-6511,Ron Land
12/14/96,5,Dallas,75235,214-350-9492,Larry Herring WR3J
12/14/96,5,Dayton,77535,409-258-9462,Jerry McDonald
12/14/96,A,Houston,77062,713-486-2032,James Heil
12/14/96,A,Midland,79701,915-520-5955,Bryant W Saxon, KD5C
12/14/96,5,Seven Points,75147,905-887-4847,Stuart Wells
12/19/96,A,San Antonio,78232,210-673-8852,Leslie Dale

12/20/96,5,Corsicana,75110,903-872-1773,Gorman Snider
12/20/96,A,Sherman,75090,903-892-0454,Jerry Newcomb, KC5LRY
12/21/96,A,Grangerland,77302,409-231-3753,Jim Moehle
12/21/96,A,Irving,75062,214-252-8015,William Revis, Jr
12/21/96,5,Mission,78572,210-580-1957,Vince Langlois
12/21/96,5,Plano,75098,214-442-2592,John Scanlan
12/21/96,A,San Antonio,78223,210-635-7384,Dianna VanBlaricum
12/21/96,5,San Antonio,78223,210-635-7384,Jerry VanBlaricum
12/21/96,A,San Antonio,78207,210-433-1714,Armando Aguirre
12/21/96,5,Whitney,76692,817-694-4047,James McQueen
12/26/96,A,Garland,75040,214-475-9407,W. H. (Bill) Reynolds
12/28/96,5,Copperas Cove,76522,817-547-4610,John Easler
12/28/96,A,Houston,77088,713-931-9427,Charles W Hobley
12/28/96,A,Sour Lake,77659,409-840-9208,John Uttinger AC5AI
01/04/97,A,Harlingen,78550,210-428-2822,Oskar Schreiber, KE5ZV
01/09/97,A,Houston,77003,713-738-1584,Frank J Laugermann Jr
01/11/97,5,Dallas,75235,214-350-9492,Larry Herring WR3J
01/11/97,A,Houston,77062,713-486-2032,James Heil
01/18/97,5,Austin,78704,512-327-6184,Jim Greenwood
01/23/97,A,Garland,75040,214-475-9407,W. H. (Bill) Reynolds

UTAH
11/06/96,A,Farmington,84025,801-292-8110,L Brent Thomas
11/11/96,5,Delta,84624,801-864-5936,Stephen Bowes
11/16/96,A,Tooele,84025,801-882-1222,Gene May KC7MBF
12/07/96,A,Salt Lake City,84108,801-582-2438,Gordon R Smith

VIRGINIA
11/02/96,5,Ben Hur,24243,540-546-2323,Charlie Poe
11/02/96,A,Portsmouth,23321,804-484-2857,Arthur A Thiemens
11/07/96,A,Warrenton,22186,540-364-3861,G. N Spokes AB4YK
11/08/96,A,Galax,24333,703-236-8672,James Blythe, NX4B
11/09/96,A,Farmville,23901,804-736-8010,Gene E Lyles
11/14/96,A,Chesapeake,23323,757-421-9598,Pat Phelps KE4URC
11/17/96,A,Lynchburg,24502,804-386-4651,Charles L Beard AD4ST
11/17/96,A,Roanoke,24016,540-890-6782,Terrance V Vlug
11/18/96,A,Coeburn,24230,540-395-6595,Clinton W Hawkins, Jr
11/23/96,A,Charlottesville,22901,804-973-1094,John D Gray
11/23/96,A,Fredericksburg,22407,540-373-7076,Carolyn or John Cavanagh
11/23/96,A,Manassas,22111,703-368-6050,Harry Vorhauer
11/23/96,A,Sterling,20165,703-450-2304,Michael Weber
11/30/96,5,Gloucester,23321,804-642-3517,Harry Kepley N4THN
12/07/96,5,Ben Hur,24243,540-546-2323,Charlie Poe
12/07/96,A,Virginia Beach,23464,804-468-9166,Judy Rogers KD6JMA
12/08/96,A,Lynchburg,24502,804-386-4651,Charles L Beard AD4ST
12/13/96,A,Galax,24333,703-236-8672,James Blythe, NX4B
12/14/96,A,Harrisonburg,22801,703-434-3133,Brown Snyder N4ZHV
12/14/96,A,Richmond,23228,804-779-3351,Pat Wilson, N0RDQ
01/09/97,A,Galax,24331,540-773-2446,David Roberts
01/19/97,A,Roanoke,24016,540-890-6782,Terrance V Vlug

VERMONT
11/08/96,A,Burlington,05401,802-878-6454,Ralph T Stetson III
11/22/96,5,Essex Jct,05452,802-879-6589,Mitchel Stern
12/13/96,A,Burlington,05401,802-878-6454,Ralph T Stetson III
12/27/96,5,Essex Jct,05452,802-879-6589,Mitchel Stern
01/24/97,5,Essex Jct,05452,802-879-6589,Mitchel Stern

WASHINGTON
11/02/96,A,Kent,98032,206-244-2107,B F Antes
11/07/96,5,Kirkland,98036,206-745-0347,Jim Davis
11/09/96,A,Port Angeles,98362,360-928-9588,Nancy Kramer
11/09/96,A,Tukwila,98125,206-523-9117,Mary E Lewis
11/12/96,A,Tacoma,98405,206-845-7652,Jerry Seligman
11/13/96,A,Auburn,98002,206-351-9939,Stephen M Butler
11/14/96,A,Ft Lewis,98433,360-456-5571,Jim Elliott AA7OH
11/16/96,5,Renton,98333,206-549-4062,Jim Christiansen
11/16/96,A,Sultan,98294,206-793-3433,David C Axe
11/19/96,5,Auburn,98038,206-432-1594,David Barber
11/23/96,A,Bremerton,98310,360-692-8326,Walt Winters AA7TL
11/23/96,A,Everett,98201,206-335-5158,Loren J Hole
11/27/96,A,Everett,98206,206-387-5805,Dwayne E Broderson
12/05/96,5,Kirkland,98036,206-745-0347,Jim Davis
12/07/96,5,Ellensburg,98926,509-925-1680,Michael Dunnick
12/07/96,A,Kent,98032,206-244-2107,B F Antes
12/10/96,A,Tacoma,98405,206-845-7652,Jerry Seligman
12/11/96,A,Auburn,98002,206-351-9939,Stephen M Butler
12/11/96,A,Spokane,99223,509-448-5821,Betsy Ashleman
12/12/96,A,Ft Lewis,98433,360-456-5571,Jim Elliott AA7OH
12/14/96,A,Colville,99114,509-684-2898,Rex Kamstra
12/14/96,5,Goldendale,98620,509-773-5043,James Nadeau Sr
12/14/96,A,Port Angeles,98362,360-928-9588,Nancy Kramer
12/14/96,A,Tukwila,98125,206-523-9117,Mary E Lewis
12/17/96,5,Auburn,98038,206-432-1594,David Barber
12/21/96,A,Bremerton,98310,360-692-8326,Walt Winters AA7TL
12/21/96,5,Renton,98333,206-549-4062,Jim Christiansen
12/21/96,A,Sultan,98294,206-793-3433,David C Axe
12/26/96,A,Ft Lewis,98433,360-456-5571,Jim Elliott AA7OH
01/01/97,A,Vancouver,98684,360-892-7291,C Wayne Schuler
01/25/97,A,Everett,98201,206-335-5158,Loren J Hole

WISCONSIN
11/02/96,A,Menomonie,54751,715-235-3998,James P Ley
11/02/96,A,Omro,54963,414-235-0987,Richard Lemme
11/02/96,A,Pewaukee,53072,414-691-3089,Rodger Bradley
11/02/96,A,Racine,53405,414-886-8551,Robert N Jensen
11/03/96,A,Kaukauna,54130,414-759-1167,Larry Siebers
11/09/96,A,Madison,53715,608-832-6631,Mark Jenks
11/09/96,A,Marshfield,54449,715-389-2256,Robert McDaniel
11/09/96,5,Redgranite,54982,414-566-4282,James Cox
11/30/96,A,Onalaska,54650,608-526-9413,Karl Simonson KB9EQI
12/07/96,A,Pewaukee,53072,414-691-3089,Rodger Bradley
12/08/96,A,Green Bay,54304,414-336-6087,Keith J Summers N9NOF

12/14/96,A,Madison,53715,608-832-6631,Mark Jenks
12/14/96,5,Redgranite,54982,414-566-4282,James Cox
01/11/97,A,Madison,53715,608-832-6631,Mark Jenks

WEST VIRGINIA
11/03/96,H,Elkins,26241,304-637-0506,Walter Corley
11/03/96,A,Richwood,26261,304-846-4594,D Scott Bucklew
11/09/96,5,Bluefield,24701,540-326-3338,Don Williams WA4K
11/09/96,5,Bluefield,24360,540-637-6304,Charles Grim
11/09/96,A,Chapmanville,25508,304-946-2858,Johnny Pack
11/09/96,5,Huntington,45623,614-886-5922,Stephen Hutchison
11/10/96,A,Clarksburg,26301,304-624-5186,Joseph R. Chiado
11/14/96,5,Parkersburg,26101,304-485-7777,William McClure
11/17/96,A,Richwood,26261,304-846-9643,Carl Hammons
12/01/96,A,Richwood,26261,304-846-4594,D Scott Bucklew
12/07/96,5,Beckley,25827,304-255-5351,Bernard Crump
12/07/96,A,Martinsburg,25401,301-834-8831,Lester M. Reynolds
12/12/96,5,Parkersburg,26101,304-485-7777,William McClure
12/14/96,5,Parkersburg,26142,304-422-1823,Dana Pickens
01/02/97,A,Morgantown,26506,412-324-9160,Jan L Ditzian
01/05/97,A,Richwood,26261,304-846-4594,D Scott Bucklew

WYOMING
11/16/96,A,Cheyenne,82009,307-638-6998,George Anderson

EXAMINATION OPPORTUNITIES OUTSIDE THE UNITED STATES:

PUERTO RICO
11/23/96,5,San Juan,00931,809-737-3609,Edwin Garcia
11/30/96,A,San Juan,00931,809-789-4998,Victor Madera
12/14/96,5,Guayama,78401,809-866-2782,Julian Sanchez Coln
12/21/96,5,San Juan,00931,809-737-3609,Edwin Garcia
12/28/96,A,San Juan,00931,809-789-4998,Victor Madera

GUAM
11/16/96,5,Guam,96912,671-647-4012,Gary Dein
11/24/96,A,Paseo,96910,671-646-7611,Harry Taguchi

OTHER
11/16/96,A,Germany,00000,495271-37211,Alexandra Raker
11/30/96,A,Germany,00000,352-451022475,Joachim Heyse
11/30/96,A,Germany,00000,065628569 CIV,William H Piles
12/07/96,A,England,00000,01705-371-677,Betty Steed N3TFX
12/07/96,A,Germany,00000,0951-300-8522,Royce L Evans AE4CX
12/07/96,A,Germany,00000,069-523082,Dr Patrick K. Scheidhauer
12/07/96,5,Panama,00000,507-272-7400,Charlie Harril
12/14/96,A,England,00000,01705-371-677,Betty Steed N3TFX
12/15/96,5,Japan,00000,816-846-5927,Junichi Tanaka
01/26/97,A,Japan,00000,81-568-21-09,Yoshihiko Hirano

*EOF

6000. FT-900 Noise Blanker

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: God@Provide.Net
Message-ID: <555joo$fqp@news.provide.net>
Source record: 213869

The noise blanker on my FT-900CAT has little if any effect on line noise at my QTH. Anyone have a mod that works? I would rather see what someeone else has done before I tear into a new $1300 rig.

thanks guys, Brett

6001. Re: The final debate on CW.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <3276815F.5F30@ccsnet.com>
Source record: 213870
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Carl Stevenson wrote:
>
> I know that I'll regret engaging you in "discourse," but please stop
> posting your patently false bullshit about CW ... Phil Karn and other s
> have debunked each and every one of the lies you posted (and have posted
> several times before that I can recall ... with adequate rebuttal on
> each occasion)

Bullshit? That is a naughty word. Do you not have any class?

> So, Please stop ...
>
> I asked nicely ...

You used profanity. That is nice?

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#================#===#
|This message was posted from home k1oik@ccsnet.com |
#===#
If you try to milk too much, you won't get a drop
Samantha Fisher

6002. KF2OQ's jamming of 3901,or Little Jordan info.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: UVVQ08A@prodigy.com
Message-ID: <555nc2$m0q@usenetp1.news.prodigy.com>
Source record: 213871

Subject: KF2OQ's jamming of 3901

Some info about Little Jordan...Enrolled at Indiana State University at the school of business. In his second year of post-graduate work studying for an MBA. Listed as John Jacob Moser,could he be using someone elses call?Very possible. Feel free to call 812-876-3328,thats little jordans phone number. Feel free to submit petitions to the ARRL and to file a complaint with U.S. attorney's office. He is running a Henry 8KD, which puts out about 5000 watts. Lets stop this little snotnose bastard before he becomes another NR5T (turd) Best Wishes from the Net Digger! HoHOHOHOOOOOOOOO!!!!!

6003. Re: HAM?? Shortwave??? HELP! Drowning newbie!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: cphillips@pobox.com
Message-ID: <5560v4$ci2@redstone.interpath.net>
Source record: 213872

au127@freenet.toronto.on.ca (Jeremy Craigs) wrote:
>I am interested but I dont know where to start.
>Where can I get FAQ's etc.?

You listed both "ham" and "shortwave"...

If you want to *just* listen, to hams, to international broadcast stations (like the BBC, Voice of America, Voice of Russia-- formerly Radio Moscow, Radio Netherlands, etc.) you don't need a license. Good info on this part of the radio hobby can be found on rec.radio.shortwave and in its FAQ.

If you want to TRANSMIT, a license is required. From your address, I assume you're in Canada. The American Radio Relay League's web site may be able to answer some questions, but the licensing procedures are different in Canada. I'm not sure if the Canadian Radio Relay League (and if I remember correctly, it is called that) has a web site, but you might try a search for it.

There is also an organization called the Ontario DX Association that is for both "hams" and "shortwave listeners". I don't have their address at hand, but you might ask at a local radio store. If you can't get it, e-mail me back, and I'll dig it out for you. I'm about 99% sure that they *don't* have a web site, because I searched for it recently.

========= Opinions expressed are solely those of the author ==========
Curt Phillips, CEM KD4YU ex-WB4LHI) | "Computer users will need a
Engineer/Writer/Nerd Extraordinaire | mouse when they grow a
Chairman, Tar Heel Scanner/SWL Group| third arm." -Pres of WordStar
ARRL Life; QCWA;Raleigh ARS;NRA; AEE| circa 1983
==== cphillips@pobox.com ==== [Copyright 1996 All rights reserved]====

6004. Re: Earn it, or GET THE BEEP OUTTA HERE

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: mulveyr@ll.aa2ys.ampr.org
Message-ID: <slrn57d6b1.1tq.mulveyr@ll.aa2ys.ampr.org>
Source record: 213873

On Tue, 29 Oct 1996 13:11:29 -0800, N9RJV <N9RJV@megsinet.net> wrote:
>As for the code, and people like Carl - your childish attitude of crying
>and whining to the government to give you something you have neither
>earned nor deserve without earning has grown very thin.
>It's gotten to the point where every pompous whiny lazy little butthead
>who wants something they don't have the integrity, brains or intestinal
>fortitude to work for feels they 'deserve' everything they see - at
>other peoples expense.
>
>Sorry for the diatribe, but these lazy little morons are really starting
>to get my goat.
>

The problem is that you're making the assumption that a correlation
exists between the codeless licence, and behavior on the bands.
Unfortunately, that's not valid.

For the past few nights I've been listening to 80M SSB. I
heard operators call each other "asshole", intentionally interfere
with a Spanish QSO in progress because they didn't want any "spics"
on *THEIR* frequency, not to mention the numerous references to
this or that "bitch." Do I need to get into the extra-class op
who was counseling a new General that he didn't need to use
a counterpoise (or, as he put it, "Them wires hangin' off'n the
bottom) on his new vertical? Is *THAT* the level of expertise
that we're looking to strive for? Or to be the well-rounded
personality evinced by another op who proudly declared that he had
read only *2* books in his entire life, even when in school. All of
this in _15_ minutes of random listening.

Quite honestly, I used to suffer under the delusion that HF operators
were supposed to be a higher class of operator. Until, of course, I
built an 80M receiver and actually listened to the trash. I spend most
of my time using CW on HF, but, quite frankly, I'm getting quite tired
of the RST/WX/QTH QSO's. When I attempt to bring up a new
subject, my questions are usually ignored, or the other op's XYL
suddenly needs them, urgently.

On the VHF+ bands, on the other hand, I can *always* find someone
who wants to talk intelligently about construction, a new digital mode
to try out, or even, *gasp*, something other than radio and the
traffic conditions on the expressway.

Is it any wonder that new operators question why they have to play
second fiddle to the OM who seem to require the vast majority of our
HF allocations to swear, complain, and play childish games of

one-upmanship?

- Rich
--
mulveyr@frontiernet.net Rochester, NY USA
Amateur Radio: aa2ys@amsat.org, aa2ys@wb2wxq.#wny.ny.usa

6005. Many Questions (please email me)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: cajuncru@sprynet.com
Message-ID: <32768D69.3394@sprynet.com>
Source record: 213874

I'm about to get my license and my 1st radio. I drive about 60 miles a day just to work and back! I am on a low budget (I only have about $500-$600 for the time being after I get the HT). I won't be able to buy things that often, maybe at an average of $50 per month.

I'm going to get a good Yaseu or Kentwood Handie Talkie that does 3-5 watts. Do they all work on repeaters? Can I use them with autopathes?

I realize that repeaters are to be shared. I do not have a car phone and figured I could start my own autopatch (no repeater). Can I do this with a Techinican license? I have figured a way to build a device that would read a long password composed of many DTMF tones (about 10-15). Could I setup a transceiver with an autopatch (maybe homemade) at my house on MY phone line and use it well in my car? Would it make sense to buy a 35 watt amplifier for my car so I could plug my HT in? How far to HT transmit in the general city areas?

Can I put a tone based password on my autopatch (as above) LEGALLY? Do I have to worry about other hams Hacking it or will they leave it alone? Do I have to make it identify itself every 10 minutes? Could I setup an answering machine like device at home so my family could receive messages from me?

Thank You.
73!
PLEASE EMAIL ME!

6006. Help: B&W VS1500A Tuner

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: psikes@whidbey.net
Message-ID: <3275b26d.1559752@news.whidbey.com>
Source record: 213875

Hello to all. My B&W VS1500 tuner has a problem with the vernier drives on the tuning caps. Both slip when you first try to turn them. Any ideas? I am also looking for a copy of the owners manual for the unit. Please email direct.

TNX es 73 - Phil
KJ7NS

6007. contacting maritime mobil ham

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: Mitchell Louis <mitch96@safari.net>
Message-ID: <3276BE25.79E2@safari.net>
Source record: 213876

Was wondering if someone outthere could give me a hand. Long lost ham
friend sent me a card from tahiti.KE2FC/MM ex N4JDX/MM is "going 'round"
as he puts it. I dont have a HF rig as of yet (moving) and want to
contact him. If anyone monitors 14313/14300 at 0400-0500 GMT give him a
shout and say "jolly good show al go for it!!!' for me. The boat is the
"Bojangles" and the capt. is Al irving.
If anyone has any ideas on how i can reach him, give me a shout on
e-mail. thanks
mitch N4JBW

6008. Voice keyers. Kits?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: paulegan@interlog.com
Message-ID: <5555hu$1cp@news.interlog.com>
Source record: 213877

Got to thinking during the contest about getting a voice keyer.
I see MFJ have one and I read about the "Contest card" for a pc.
Are there any kits other available? Has there been any construction articles
in the magazines? Could I use my pc and send wav. files out?
Just wondering.
Thanks.
Paul Egan VE3GFY

6009. WANTED: Icom IC-4KL

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: Joe Balch <jbalch@skycom.com>
Message-ID: <3276CDFB.5C94@skycom.com>
Source record: 213878

I am interesting in purchasing an Icom 4KL transistorized linear amplifier. Email me serial number, price and condition. Thanks, Joe, AD4BB in Roswell, GA.

6010. Re: Legal Action v.s. tech..

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: Bob Snyder <Bob.Snyder@mci.com>
Message-ID: <32761B79.82D@mci.com>
Source record: 213879

Bernie Skoch wrote:
>
> eplatt@wco.com (Evan Platt) wrote:
> > We can listen into the 2 GHz and higher, but not cellular or 46.63 - 47 MHz.
> >
> Evan,
> Why can't we listen to 46.63-47 MHz?
> 73,
> Bernie

We can listen to cordless phones. You just can't use anything
heard on there for personal uses/gains. There may be state
regs. to prevent cordless listening but not federal.

6011. Re: Jim Conn's OUTRAGEOUS pro-code agenda finally revealed

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: Jim Cummings <jcumming@clark.dgim.doc.ca>
Message-ID: <32763FF1.13AD@clark.dgim.doc.ca>
Source record: 213880
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Jim Conn wrote:
>
> Carl Stevenson wrote:
> >
> > You also omit Conn's blatherings about how it "is government's
> > obligation to limit access to HF so all the would-be American hams don't
> > trash the bands for foreigners" ... why do you choose to omit some of
> > the more blatantly absurd parts of Conn's blatherings and attempt to
> > defend the less obviously absurd parts (when taken in isolation, they
> > may be less obviously absurd, that is)???
> >
> > Carl - wa6vse
> > carl@ais.net
>
> Carl, you really don't understand how HF works. Getting too many people
> on a given set of frequencies has repercussions throughout the world,
> because of ionospheric propagation.

The only problem with this thinking is that there is not a shred of evidence to support the view that the ITU, the FCC, Industry Canada, or any other spectrum management agency has every decided at what point there are too many amateurs. Conn continually points this out, but has not one iota that limiting the number of amateurs is a policy of any of the above mentioned agencies. Attempts at amateur spectrum conservancy was attempted after World War II by the FCC. But it was a failure because there were no quotas nor was any other administration that issued amateur licences prepared to co-operate in a similar manner.

Point in fact is that there are no such policies, so Conn's opinion on this point is not creditable.

>The U.S. has treaty obligations with
> other nations to supervise the radio spectrum in order to ensure the
> spectrum remains viable. The government has vested the FCC with the
> authority to do just that.

But there is nothing in those treaties which demand that the FCC undertake to limit the number of amateurs to communicate on the HF bands. In fact, like many other administrations, the FCC manages the amateur spectrum only to the extent that they operate within there frequency allocations. Spectrum occupancy, in so far as the amateur service is concerned, is a real yawner for them.

> If you won't recognize that fact, then there
> is no sense continuing to discuss it with you. I realize that you reject

> the role of the ARRL, but I didn't know you rejected the role of the FCC
> as well. You are in favor of HF anarchy, just as 11 meters (CB) became
> anarchy when the doors were opened to everyone and the rules went out the
> window. Get real.

So, we are to understand the because CBers didn't learn Morse code, anarchy will result once Morse code is abandoned for operation on the HF bands. Get real indeed. I suppose that the anarchy on the CB band, if it could be called as such, had nothing to do with the fadishness, the lack of enforcement or the lack of any testing, let alone the relative ease of acquisition of this equipment.

Besides, a bit of anarchy might do a lot of good because it would force amateurs to consider investigating better more efficient modes of communications, rather having to depend on Morse code testing as a measure of comfort for radiotelephone operation.

73 and live better digitally
Jim, VE3XJ

6012. Let's BUY the Ham Bands !

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <553vk1$fck@lehi.kuentos.guam.net>
Source record: 213881
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

carl@ais.net (Carl Stevenson) wrote:

>The ham bands are part of the spectrum and EVERYBODY owns that ...
>so it is unfair to exclude some just because of a completely ARBITRARY
>"requirement" like the code ...

OK, if you say so. Well, how about this for an idea, Squigg. How many hams are there in the U.S., 700,000 ? How's about we all kick in a thousand bucks each, what would that be, about $70,000,000.00 ? And then we buy the ham bands. I'm not sure who we give the money to, because you say EVERYBODY owns them already and I imagine 'we' are part of 'everybody', right ? Never mind, we'll figure that out later.

Anyway, after we buy the ham bands, we drop the CW requirement, just like everybody says they did in Japan. After we do that, millions of people with EE degrees and Grandpa Lenny will come and get a ham license like you said already, right ? OK. So now we just do like they do in Japan and we charge everybody a hundred bucks a year for their license. And to top if off, we could make even MORE money, like they do in Japan, by charging all the FOREIGN guys who have U.S. licenses MORE money than we charge the locals.

Think about it Squiggie, if we could pull that off, we could not only get you and Grandpa Lenny on HF, we could all get RICH !!

But we need to get going on this quickly, because the FCC may just start thinking about how much money they could make by charging us Japanese prices for a ham license, and we don't want them to get the jump on us.

I have an offshore bank account in the Carribean, Squiggie, we can use that to hold the money until we are ready to make the purchase. Since you are the Leader of the no code movement, and leading by example is the best way, send me your check and I'll deposit it for you.

73, Jim KH2D

6013. Re: 'Nother Pro-code Luddite

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: Michael Herron <GHURRICANE@gnn.com>
Message-ID: <556ppn$dcf@news-e2b.gnn.com>
Source record: 213882

I don't have any problems with novice and techs using hf digital modes in the novice cw bands, or even allowing them to use them in a small area below the novice band on a shared basis.

6014. Re: Pro Code and No Code Debate

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: Michael Herron <GHURRICANE@gnn.com>
Message-ID: <556q3c$deg@news-e2b.gnn.com>
Source record: 213883

I remember practicing code with a Layfayette code oscillator over
the telephone to learn it with a friend.

6015. Re: FCC to be Abolished

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: Michael Herron <GHURRICANE@gnn.com>
Message-ID: <556qcd$dgk@news-e2b.gnn.com>
Source record: 213884

Gee, I hope they get the day 1 gate 2 calls out before then!!!!

6016. Re: FCC

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: Michael Herron <GHURRICANE@gnn.com>
Message-ID: <556ql4$dir@news-e2b.gnn.com>
Source record: 213885

They can just travel their butts over to the computer and get back to typing in those 610-v forms...yeah I know anytime now, if all goes well, maybe.....ad infinitum blah blah blah....

6017. Re: Trade for code requirement?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: Michael Herron <GHURRICANE@gnn.com>
Message-ID: <556pfg$da6@news-e2b.gnn.com>
Source record: 213886

Thanks for the thought. The point of it though, was all in the last line, perhaps you missed it.

6018. WTB: Icom IC-2KL Amp. 160/10 Meters

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: John Finley <skybird@ix.netcom.com>
Message-ID: <01bbc5c9$91e31f60$a1c4b7c7@p-100>
Source record: 213887
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

Want to buy a Icom IC-2KL Amp. 160/10 Meters
Please E-mail me your best price.
Thanks,

John Finley
Miami, FL N4SPL
skybird@ix.netcom.com

6019. DX-Reflector

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: dom@shocking.com
Message-ID: <556ss1$nbk@europa.winmail.com>
Source record: 213888

I am sure this is redundant but what is the current status of the VE7TCP
DX-Reflector?

Tnx

=*=* ==*= =** =**= =** * *= =*** =**** ==** =**=
Ron Angle, Chico CA

6020. Re: KF2OQ's jamming of 3901,or Little Jordan info.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: NDQS46A@prodigy.com
Message-ID: <555ts0$kb2@usenetw1.news.prodigy.com>
Source record: 213889

Big Al lives! 3894.5 nightly

The FCC is caving in under its own internal corruption, greed, &
mismanagement!
-
NDQS46A@prodigy.com

6021. ARLB075 ARRL Board meets

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: w1aw@arrl.org
Message-ID: <$arlb075.1996@arrl.org>
Source record: 213890
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

SB QST @ ARL $ARLB075
ARLB075 ARRL Board meets

ZCZC AG55
QST de W1AW
ARRL Bulletin 75 ARLB075
From ARRL Headquarters
Newington CT October 29, 1996
To all radio amateurs

SB QST ARL ARLB075
ARLB075 ARRL Board meets

The ARRL Board of Directors met in special session October 24 and 26, 1996, at Windsor Locks, Connecticut. The following is a summary of major Board actions.

The League will seek an extension of the compliance date, currently set for January 1, 1997, of new RF safety regulations released in ET Docket 93-62, to January 1, 1998, allowing more time for drafting of acceptable implementation guidelines.

Responding to the continuing problem of minimal FCC enforcement activity, the ARRL will petition the FCC to create procedures to allow submission of private sector complaints of serious rule violations directly to the FCC's Chief Administrative Law Judge, hurdling bureau processing delays.

ARRL President Rodney Stafford, KB6ZV, was authorized to sign a formal agreement with the National Frequency Coordinators' Council, effecting the so-called single point of contact concept.

The ARRL will petition the FCC for a relaxation of the rules governing the Radio Amateur Civil Emergency Service to permit stations operating under RACES to communicate with non-RACES amateur stations actively engaged in an emergency or drill. An increase in the time limit on RACES drills to five hours per week will also be sought.

In view of the congressional mandate imposed on the FCC to auction the 2305-2320 MHz band for commercial purposes, ARRL will seek an increase in the amateur service allocation status, from secondary to primary, in the 2300-2305 MHz segment.

The Board adopted revised legislative positions for the 105th Congress.

The Board's WRC-99 planning committee will study an ARRL Industry Advisory Council recommendation to extend HF digital privileges to Novice and Technician Plus licensees and report back to the Board.

Effective July 1, 1997, ARRL dues of Full and Associate Members will increase to 34 dollars annually. The senior dues rate will be increased to 28 dollars.

The Board declared the theme of the 1997 ARRL National Convention in Jacksonville, Florida, to be Public Service. The Board also declared 1997 as the ARRL Year of Public Service, in recognition of the critical importance of public service activities in the amateur community.

The Board commended retiring West Gulf Division Director Tom Comstock, N5TC, for his long-time dedication and service to the ARRL.

Details will appear in January QST.
NNNN
/EX

6022. Neophyte need advie for RF setup at a Sports Bar

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: StevenA@AOL.com
Message-ID: <555vmq$sss@dlsn31.dal.mobil.com>
Source record: 213891

I am setting up a Sports Bar that will have approximately 15 different broadcasts displayed on
different monitors throughout the bar. I thought it might be possible to set up a system where the
audio from each game is broadcast over a specific frequency and I could build or have built little
battery powered receivers that could be placed on the table for a customer to be able to tune into
the audio of the game he pr she wants to listen to. If someone can point me in the right direction
as far as a supplier or company who can help with such a setup it would be greatly. I have little
or no knowledge about how to set this up myself and will have to rely on the advice of s someone
more knowledgable than myself.

Thank You,
Steven Altus

6023. Yaesu FT-530 giveaway (practically)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: asplund@alcor.usc.edu
Message-ID: <556gif$lcb@alcor.usc.edu>
Source record: 213892
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.equiptment,rec.radio.shortwave,rec.radio.amateur.homebrew

Hello all,

Awhile back, I posted the following for a friend, at the time he sold all the radios he was willing to give up. Now he wants to sell the rest, AND has DROPPED the price $150!!

A friend of mine has a "bunch" of Yaesu Dual Band Radios which he would like to sell at a great price. He purchased them for the emergency response group which he is envolved in and has decided to sell them and get radios which do not have as many functions and features. His policy appears to be "the simpler the better" for emergencies.

Yaesu FT-530 Dual Band HT
Yaseu Standard 2 Watt Battery
Yaesu Hi-Power 5 Watt Battery
Yaesu Rapid Charger (for both of the above batteries)
Yaesu Standard Battery Charger
Yaesu External Speaker/Mic
Yaesu Standard "Rubber Duck" Antenna
Antenna Specialist's Dual Band "Rubber Duck" Antenna

Each of them have had the out-of-band modification done by a local Southern California Dealer at time of purchase. They will be sold on a first come first serve basis.

He is asking $320.00 for each radio. They may be placed on a credit card for no additional fee, and there is a $5 shipping charge to anywhere in the US via UPS insured ground.

If you are interested, please call Steve at 818-502-0000.

(I am posting this for a friend who does not have access to the newsgroups, please do not write me back.)
--Daryl Asplund

6024. Re: Receiving traffic helicopter signals?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: Chris <n9hyn@ntslink.net>
Message-ID: <3276021B.DB9@ntslink.net>
Source record: 213893
Cross-posted to: rec.ham-radio,,ec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner

As far as recieving from the helecopters, first thing you have to find out what frequency band they are operating in. Usually they are near the MDS (1900-2200 MHz), or they may be in the 7GHz band. They may either have syncronous antennas which track the recieving site or they may run omni and the recieving site tracks the transmitted signal. Their power is usually under 15 watts, and being microwave it IS line of sight. The video modulation is FM as are the audio carriers, usually 6.2 and 6.8 MHz, some have special subcarriers for other data. Basiclly they use the same equipment as the ENG trucks on the street and have to share the same 2 bands with them.

6025. Drake wanted

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: k9sqg@aol.com
Message-ID: <5567pe$mlk@newsbf02.news.aol.com>
Source record: 213894

Still looking for junker L-7 amp and perhaps some 7 line items.

Thanks...

6026. Neophyte need advice of RF setup for Sports Bar

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: StevenA@AOL.com
Message-ID: <555v2u$sss@dlsn31.dal.mobil.com>
Source record: 213895

Test

6027. IL hamfest/computerfest calendar

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: parnass@bell-labs.com
Message-ID: <553ncr$6mr@ssbunews.ih.lucent.com>
Source record: 213896
Cross-posted to:
rec.radio.scanner,alt.radio.scanner,sci.electronics.repair,rec.radio.swap,rec.radio.amateur.misc,rec.radio.shortwave

HAMFEST/COMPUTERFEST CALENDAR 1996/97 - NORTHERN ILLINOIS |
last updated October 21, 1996 |

o Please report additions or changes to Bob Parnass,
AJ9S, office phone: (630)979-5414, electronic mail: |
parnass@bell-labs.com. Thanks to Dennis Dale and ARRL
for providing some of the information.

NOVEMBER

Nov 2 (Sat), Godfrey, IL - Lewis and Clark RC. Info, con- |
tact Brent Urfer, 400 North State St., Jerseyville, IL |
62052, tel (618)498-4865. email: flash@ezl.com, |
http://www.ezl.com/~lmiller/lcrc.html |

Nov 2 (Sat), Milwaukee, WI - Milwaukee Repeater Club. Con- |
tact Burt, N9VBI, PO Box 2123, Milwaukee, WI 53201. tel |
(414)-328-0535 |

Nov 10 (Sun), Macomb, IL - Lamoine Emergency ARC. Contact |
Kathy Page, AA9KL, (309)-426-2723. |

Nov 24 (Sun) - Computer Central, College of DuPage (see
notes at the end of this article).

Nov 30 (Sat), Litchfield, IL - Central IL/St. Louis Area ATV |
Club. Contact Scott Millic, K9SM. tel (217)532-3837.

DECEMBER |

Dec 14 (Sat), Jacksonville, IL - Jacksonville ARS & IL Val- |
ley ARC. Contact Kaye Green, KN9KHQ, 27 Ivy Wood Dr., Jack- |
sonville, IL 62650 |

JANUARY 1997

Jan 12 (Sun), Waukesha, WI - West Allis RAC. Contact Phil |
Gural, W9NAW, tel (414)425-3649. |

Jan 19 (Sun) - Computer Central, College of DuPage (see
notes at the end of this article).

FEBRUARY 1997

Feb 16 (Sun), Rock Island, IL - Davenport ARC. Contact Don |
Schneider, WD0AMA, (310)-388-0108. email |
dschneir@saunix.sau.edu |

Feb 23 (Sun) - Computer Central, College of DuPage (see notes at the end of this article).

FEBRUARY 1997 |

Mar 9 (Sun), Waukesha, WI - SE Wisconsin FM Amateur Repeater | Society Swapfest, Waukesha County Expo Center Arena. Exit | 294 on I-94 west, then south on C.T. 'J'. Talk-in 146.820 | MHz. Contact Jim Lazachek, KF9GG, tel (414)650-0724. |

APRIL 1997 |

Apr 27 (Sun), Arthur, IL - Moultrie ARK. Contact Ralph Zan- | cha, WC9V, tel (217)873-5287. |

JUNE 1997 |

Jun 1 (Sun), Princeton, IL. Bureau County Fairgrounds. | Free parking. Info: Debbie Burton, N9DRU, 1153 Union St., | Marseilles, IL 61341-1710, tel. 815-795-2201 Usually an | excellent hamfest, with sellers from Illinois, Iowa, and | Wisconsin. |

Jun 8 (Sun) Six Meter Club of Chicago. Talk-in on 146.97 | MHz (107.2 PL) or 146.52 MHz. Contact Joe Gutwein, WA9IRJ, | (630)963-4922. |

AUGUST 1997 |

Aug 24 (Sun), Woodstock, IL - Tri-County Radio Group. | McHenry County Fairgrounds, Rt. 47. Contact Bob Grosse, | N9KXG. Info (voice/fax) (708)658-1678. | http://www.angelfire.com/il/tcrg/ |

NOTES - Computer Central shows

Computer Central computer shows are held at the College of DuPAGE, Main Arena of the Physical Education Building Park Blvd & College Road, Glen Ellyn, Il. 708-940-7547. $5 admission with card, normal admission $6.00. Opens 9:30 am - 3:00 pm.

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Copyright 1996, Bob Parnass, AJ9S AMPS Wireless Development Laboratory
parnass@bell-labs.com - (630)979-5414 Bell Laboratories

6028. Re: Any Hotrodders in this group?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct29.225405.26736@ke4zv.atl.ga.us>
Source record: 213897

In article <553jjs$1rgs$1@news-s01.ca.us.ibm.net> macino@ibm.net@smtp-gw01.ny.us.ibm.net writes:
>In any event, are there
>others who are into the automobile hobby?

I was, but I got over it (at least for now, the bug never entirely goes away). I raced oval track, ran a Pro Stock car, graduated to a Top Fuel car, and fooled around restoring a GT40. It's worse than owning a boat. Consumes endless quantities of time and money for a too short adrenalin rush.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

6029. Amateur Radio Test Cancelled In Fremont for November

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: T E I X E I R A <teixeira@ccnet.com>
Message-ID: <553nah$aot@ccnet2.ccnet.com>
Source record: 213898
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.shortwave

The Amateur Radio Testing in Fremont, CA. has been cancelled for November 5, 1996. Because of problems finding a new site, future tests will be smaller in size and "BY APPOINTMENT ONLY"! until further notice. If you would like an appointment to test in December 1996 contact: Dennis WA6JVZ <wa6jvz@ccnet.com> or Don AC6TG <teixeira@ccnet.com>

6030. Re: Best of Squiggie: On Ham Radio

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <555ib8$u8@news.Hawaii.Edu>
Source record: 213899
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Carl the Tech+ wrote:

> Yeah, hanging out on 14.313 and screaming obscenties like an asshole
> really helps to keep one operationally sharp, all right ...

Come on down to the CW portion of 20m, Gargle - you won't hear any
of that nonsense. But then again, if that's the only corrupt voice
freq'y on all of 20m I suppose we're doing quite well. I guess
you could compare it to the 147.435 MHz rptr and 2m; one bad freq'y
doesn't shouldn't smear all users of a particular band.

> so does
> seeing how badly you can stomp your competitiors int the dust in the
> contest of the weekend ... so does saying "What's your 10-10 number?"
> over and over and over again ... so does "UR 599 in ___ PSE QSL TNX

When its done on a rig I've built myself from scratch it is pretty
rewarding; but you wouldn't know about that being an admitted appliance
operator and selectively choosing to abide by only a subset of Paragraph
97.1.

> .. they're either choosing to ignore the facts, or simply too stupid to
> understand them ... I find a little of both from the pro-code side at
> times ...

My goodness! It's only a hobby (99% of the time); don't get an ulcer.
(My other 1% is spent "working" hurricanes and tsunami warnings.)

> BULLSHIT, BULLSHIT, BULLSHIT!

Is that the anticode war cry? (Sort of like the Japanese TORA TORA TORA!)

>Ham radio is stuck in the 1950s or 1960s
> somewhere .....

Well that's a lie. The circuits I build from come from books written
in the 80s. =:o But what ever decade you feel we're stuck in, did
you ever consider that we might be quite content there? Heck, you still
use voice on 2m with your Tech license - did you ever consider that
voice as a mode is about as old as code sent via CW?

> average techno-ignorant pro-code fanatic will yell and scream

You operate using factory-built radios and then call us builders "techno-
ignorant"? You're a nut. You're new name is CarlTheKook.

> The majority of today's hams are so far behind the power curve of
> technology that they'd have to study 3 nights a week for six months just
> to try to catch up ...

So why won't you answer the question I've been asking for months:
How much of the gear in your shack did you build yourself from
scratch? No fair waving 97.1 in our faces unless you too abide
by it in its entirety.

Speaking of 97.1, how about this portion: 97.1(e) "Continuation and
extension of the amateur's unique ability to enhance INTERNATIONAL
good will." By hanging out on 2m rptrs with your tech license you're
certainly not abiding by that General Provision. Yet every time I fire
up my rig on 20m and chat (via CW of course) with my South Pacific pals
I'm doing my part to enhance international good will.

>Carl The Tech+

Whatever.

Jeff KH2PZ

6031. Re: Reply to Spam accusation

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: Tom Emerson <TomE@mdipo.attmail.com>
Message-ID: <01bbc541$025b3ae0$6629a8c0@netcom.ix.netcom.com>
Source record: 213945
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.snowmobiles,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketp

Chet Doboe <doboec@ix.netcom.com> wrote in article
<551rdj$1ia@dfw-ixnews11.ix.netcom.com>...
> >Chet:
> >
> >You posted this in at least 30 arbitrary and unrelated newsgroups.
> This
> >is called spamming, and is very extremely rude in terms of Internet
> >etiquette.
> >
> >you have been warned.
> >
> >--dan fox
>
>
> Dear folks, Just a quick note to say that I only posted my note to a
> Drum Corps user group and Percussion user group...(Sounds logical?---it
> was a drumming event announced). I have no clue how my post could be
> posted to user groups that are------ irrelevent to my to my subject
> matter------ user groups for the most part that I have no personal
> interest in --and many groups that I didn't even know existed
>
> I think somebody is somehow using my access or something. I find this
> whole mess very depressing. I would appogize, but honestly I have no
> clue as to how I could be responible for these multiple posts to sites
> that have no relevance to my topic.(none of these groups are in my
> address book) I do regret that so many people are upset, but I assure
> you that I AM NOT in any way knowingly resposnible. I do feel very
> depressed about this situation, and I hope you all can be compassionate
> about my predicament..
>
I'll try not to be overly harsh, but I think I can shed some light on this
situation (and, as you'll soon see, you SHOULD consider an apology after
you have learned something)

BTW: this is being posted back to all the groups to point out to EVERYONE
ELSE what to look for before going off "half cocked" about someone's
(intentional or otherwise) spam.

Ok, that out of the way, this is the evidence I have: While not a major
fan of Microsoft, their newsreader DOES have one useful feature -- it
RETAINS the tree/thread structure of past messages and/or messages marked
as "already read". The "history" on this particular message reads as

follows:

re: <bunch of gibberish-looking 16-bit characters> <=== well buried
followup to original spam
re:<no subject>
$$$LOSE MONEY FAST! BIG SCAM$$$ <satirical "opposite" post, good
for ROFL
re: drum clinic in bethlehem, PA 10/29 <=== our "problem
post"...

The fact that each is indented by the newsreader indicates that each of
these, although the "name" was changed in each instance, is indeed a REPLY
to the original post, and therefore, spammed accross all original groups
(unless measures are taken by the poster to trim these -- something that is
rarely done as it takes knowledge and effort on the part of the person
posting the message)

So, Chet, in response to your "I'm innocent" pleas, I'll make these
observations:
"...I only posted my note to a Drum Corps user group and Percussion user
group..."
Perhaps your intent, but likely you hit the "reply to group" button in a
graphical newsreader instead of the "create new message" -- intentional or
otherwise I don't know.

"... I think somebody is somehow using my access or something. "
Not likely -- it WAS your drum corp message that spammed accross the 'net,
not some "make money eventually" message using your (forged) user ID; ergo
it WAS you that sent the message

"...I would appogize, but honestly I have no clue as to how I could be
responible for these multiple posts to sites that have no relevance to my
topic."
Well, now you have a clue, so now I suppose you can apologize.

Tom (who knows that, due to the multiple changes and vague history of this
thread, WILL get flamed for explaining how internet newsreaders work)
Emerson

6032. Re: Ham Gear for Sale....

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: jhumphry <jhumphry@gte.net>
Message-ID: <01bbc549$dea72100$2d2c2299@jimhump.seanet.com>
Source record: 213946
Cross-posted to: rec.ham-radio,rec.ham-radio.swap,rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.swap,rec.radio.swap

I would sure miss her, but not as much as the hamming! If she is telling
you what to do now, you have nowhere to go but down. Good Luck NO7T

Dave Booth <booth@pactitle.com> wrote in article
<3264FF0D.41C6@pactitle.com>...
> Ramon Gandia wrote:
> >
> > Jim Roberson wrote:
> > >
> > > I have the following Ham Gear FOR SALE....
> > >
> > > Kenwood TS-450AT
> > > Henry 2k-4 Console Amp.
> > > Reason for selling is that I just got married a few months ago and
> > > either the Ham Gear or me go.
> >
> > Jim:
> >
> Hummm........
>
>
> By my new wife!!!!!!!!!!!
> Dave Booth kc6wfs
> http://www.geocities.com/Hollywood/5860/
>

6033. QSL INFO via E-MAIL

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: Gianluca Mazzini <gmazzini@deis.unibo.it>
Message-ID: <3275BEA1.15FB@deis.unibo.it>
Source record: 213947

Hello,
since 1995 I am running a QSL updatable server on
http://www-dx.deis.unibo.it/htlzh/

Now the system can be accessed also by e-mail
by sending message to:
qsl@promet12.deis.unibo.it
The subject must be your e-mail address or the
e-mail address of the person that must receive
the information.

The system permitts to give more command on each
mail. The first command you can try is:
help
that explain the various functions.

The system is under test, so please try it, stress it,
and report me comments, suggests and problems.

Best 73 de IK4LZH
GIANLUCA

6034. Any Hotrodders in this group?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: <>
Message-ID: <553jjs$1rgs$1@news-s01.ca.us.ibm.net>
Source record: 213948

Does anybody else have this affliction? I met a fellow HAM at a British Car show in Indianapolis a couple of weeks ago. My son is a HAM, and is rebuilding my old TR4 as his first car. What a project, but he's learning the car from the frame up.

I'm into '60s' musclecars (GTO's) and also work at the Indianapolis Motor Speedway during the month of May on the USAC Timing and Scoring Staff. Racing software is part of that gig. Last year I worked 40 meter mobile during the rain delay and then after the race, from the infield. That was pretty neat. In any event, are there others who are into the automobile hobby?

6035. Re: Jim Conn's OUTRAGEOUS pro-code agenda finally revealed

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: carl@ais.net
Message-ID: <553knd$8re@news.ais.net>
Source record: 213949
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In <552ims$7ut@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net (Jim Kehler) writes:
>carl@ais.net (Carl Stevenson (AKA Squiggie)) wrote:
>
>>.. to CW is COMPLETELY irrelevant and it is, JUST A "FILTER" to KEEP
>>PEOPLE OUT ... and those prople are ALL people who are otherwise
>>interested in ham radio, but not in the code ... that is grossly unfair
>>and needs to be rectified to fit with today's world.
>
>I know a lot of people who love to play golf, but they can't join the country
>club because MONEY is keeping them out.
>
>I know a lot of people who are very interested in owning their own home,
>but the bank won't give them a loan, so the BANK is keeping them out.

The ham bands are part of the spectrum and EVERYBODY owns that ...
so it is unfair to exclude some just because of a completely ARBITRARY
"requirement" like the code ...

country clubs and houses are private property and cost money ... that's
life, but it doesn't justify code testing for access to the HF ham
bands.

>
>I agree with you Squiggie, that's NOT FAIR !! We need to fix not only ham
>radio, but the WHOLE DAMN WORLD !! We need a NEW system, where
>everybody has the same as everybody else, where NOBODY gets ANYTHING
>that everyone else can't get. EVERYBODY should get a ham license.
>Period. And for those hams who can't afford to buy an Icom 781, the damn
>GOVERNMENT should be forced to give them one !!
>
>Let's see, what should we call it ? How about COMMUNISM, or maybe
>WELFARE ?

Nothing welfare about it ... and nobody (but people with stupid comments
like you) suggested that the goverment should buy rigs for anyone ...

Carl - wa6vse
carl@ais.net

6036. Re: Hams Need to Develop Better Communications Technology

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: n8fow@wireless.org
Message-ID: <553ucs$rda@cwis-20.wayne.edu>
Source record: 213950

Michael P. Deignan (kd1hz@anomaly.ideamation.com) wrote:
: In article <john-2810960724110001@wd1v.mv.com>,
: John D. Seney, WD1V, <john@wd1v.mv.com> wrote:
:
: >So my premise is that for amateur radio to really grow and not die,
: >it must, as a hobby, have functional communication capabilities that
: >are SUPERIOR to what Hobbyist/Commercial Services currently use.
:
: The problem with your scenarios is that computers != amateur radio.
: Amateur radio is about communications. Computer systems are not.

I guess nobody every told you, in the 1990's and beyond
ham radio = computers. Computer networking is basically communications.
Is wireless networking not radio then because it's computers? If/when
ham radios start digitizing your voice and your HT or mobile rig transmits
it digitally so a computer on the remote end can process it and decide
whether to retransmit it on the same repeater or send it to a remote
one instead, then it's hard to say ham radio != computers. Basically
what I said is exactly what many commercial and law enforcement
agencies are doing already. Notice how in many areas now you can't use
a scanner to listen to your local police officer talk on their radio
because it transmits data instead of FM voice?

To be honest though, I doubt ham radio will ever get to the point of
modern technology, too many people won't change and it'll stay the
way it is, or it'll just start to fade away and be forgetten about....

: MD

Ron

6037. Re: Reply to Spam accusation

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: george61@cts.com
Message-ID: <3276918a.312193@news2.cts.com>
Source record: 213951
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.snowmobiles,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketplace.vinyl,rec.music.makers.guitar.acoustic,rec.music.dylan,rec.music.artists.kiss,rec.motorcycles.dirt,rec.models.rockets,rec.games.video.classic,rec.games.video.advocacy,rec.games.roguelike.nethack,rec.games.frp.misc,rec.crafts.textiles.quilting,rec.crafts.metalworking,rec.collecting.dolls,rec.collecting.coins,rec.boats.paddle,rec.boats,rec.bicycles.racing,rec.bicycles.misc,rec.autos.makers.honda,rec.arts.sf.movies,rec.arts.movies.past-films,rec.arts.marching.drumcorps,rec.arts.bodyart,rec.aquaria.marine.reefs,rec.antiques.radio+phono

Very little research shows that you must have "follow-up" the $$$Loose Money Fast$$$ article. You might want to be more careful in what buttons you push in the future!

doboec@ix.netcom.com(Chet Doboe) wrote:

>Dear folks, Just a quick note to say that I only posted my note to a
>Drum Corps user group and Percussion user group...(Sounds logical?---it
>was a drumming event announced). I have no clue how my post could be
>posted to user groups that are------ irrelevent to my to my subject
>matter------ user groups for the most part that I have no personal
>interest in --and many groups that I didn't even know existed
>

D. George Jensen
george61@cts.com
San Diego, CA, USA

6038. Re: The final debate on CW.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: carl@ais.net
Message-ID: <553lav$8re@news.ais.net>
Source record: 213952
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In <3273B008.107A@ccsnet.com>, Burt Fisher <k1oik@ccsnet.com> writes:
>WHAT IS C W
{snipped about a dozen completely false "merits" of CW assertions)

Burt,

I know that I'll regret engaging you in "discourse," but please stop posting your patently false bullshit about CW ... Phil Karn and other s have debunked each and every one of the lies you posted (and have posted several times before that I can recall ... with adequate rebuttal on each occasion)

So, Please stop ...

I asked nicely ...

Carl - wa6vse
carl@ais.net

6039. FCC

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: NDQS46A@prodigy.com
Message-ID: <5551ik$16mm@usenetw1.news.prodigy.com>
Source record: 213953

The FCC squandered approximately $30 million over the past year
in unnecessary travel.

-
NDQS46A@prodigy.com

6040. Re: HAM?? Shortwave??? HELP! Drowning newbie!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: mwhite@mitre.org
Message-ID: <mwhite-2910960835420001@m14494-mac.mitre.org>
Source record: 213954

Jeremy Craigs wrote:

> I am interested but I dont know where to start.
> Where can I get FAQ's etc.?

Start with the American Radio Relay League, the national ham organization here in the US. They have tons of information on becomming a ham. Their web site is www.arrl.org.

Mike, N4PDY

--
mwhite@mitre.org

My opinions are my own, not my employer's.

6041. Re: Color identification

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: dledoux@laci.net
Message-ID: <553ms3$s0j@news1-alterdial.uu.net>
Source record: 213955

Pushkin <pushkin@hal-pc.org> wrote:

>When I first became a ham some 40+ years ago, I didn't have to contend with
>the problem my teenager has to overcome.

>He is interested in electronics and related electrical matters, but is
>hampered by an inability to distinguish red from green from brown.
>Technically, he has dichromatic vision (red/green color blindness).

>This difficulty has caused more than a few sparks to fly, circiut boards to
>fry, and breakers to pop open. Color-coded components require him to seek
>the advice of others, who are not always intent on giving him accurate
>information (just for the fun of seeing what happens when his sabotaged
>efforts are powered up.)

>I'm going to try some some tests with him shortly which will employ color
>filter gels to see if there is any benefit in that approach. If any of you
>similarly-affected folk out there have discovered reliable methods of color
>identification, I would appreciate your sharing your techniques with me so
>that I may work with my son to overcome this troubling obsticle.

>Many thanks,

>Al
Al--

Not an uncommon problem, but with resistors, the best way around it is
a good digital VOM. Check each resistor with the meter first.
Doesn't cure the problem but is a decent workaround. I know a few
electricians with the malady, and they manage by being careful and
taking extra steps to make sure the browns and greens and oranges
don't get swapped.

Dale
KD5QI

6042. Re: Getting Started

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: hans_brakob@adc.com
Message-ID: <846605670.5112@dejanews.com>
Source record: 213956

"J. R. C." wrote:

>
> Would love to get started in HAM radio. I'm fifty and want a solid
> activity for when I retire. Don't know a thing about Ham but have done
> a little C.B. Any ideas on the best way to get started - tests -
> equipment - etc. Any and all info appreciated.
>

This message is a VERY brief attempt to explain the hobby and give some pointers on where to get more information. Almost certainly I won't answer all your questions, so feel free to ask for help. Hams are famous for their eagerness to help newcomers.

(First I have to explain something you might not have realized. In doing so, I'm going to paraphrase something written by Steve Ford, WB8IMY, in his introduction to a book entitled "The ARRL Operating Manual".)

In case you didn't know, belief in magic is a necessary requirement for all Amateur Radio operators. Of course, you won't see a question concerning magic or metaphysics on the test you take to obtain your license, but in your heart you will come to believe in that powerful, intangible force.

All of us in the hobby have felt its influence at one time or another. Some night when the band is dead as a doornail you'll be tuning aimlessly, not expecting to hear a single signal because NOTHING could be coming through at that hour. But then, rising out of the noise like a ghost, there will be a faint call from another stalwart explorer thousands of miles distant. You pounce, establish contact and both of you marvel at the fact that the conversation is taking place at all. A few minutes later, however, the signal vanishes as quickly as it came. Your rational mind will shrug it off as a quirk of propagation, but that little tingle in your gut will tell you otherwise.

If you could travel back in time to, say, 1294 AD, you'd probably be burned at the nearest stake for even suggesting that two human beings could communicate with each other over great distances without a physical connection. No doubt they would accuse you of dabbling in magic -- and they'd be right!

As Amateur Radio operators, we work feats of magic every day. Many of us have become jaded about our powers and we tend to dismiss them as commonplace. We hardly think twice when we use our equipment to sommon the elemental forces of the universe. But every so often we need to

pause and remind ourselves of what we are really doing. We need to remember the essence of what drew us to our unusual avocation in the first place: the wonderful magic of wireless communications.

So how can YOU become a magician?

First, you need to prepare to obtain a Magicians License. The Federal Communications Commission calls them Amateur Radio Operator Licenses, and they come in 5 "classes".

There are two "entry class" licenses, namely the Novice and Technician class. These two classes of license are designed to give the newcomer access to a number of frequency bands without a too-strenuous examination.

The Novice class gives the widest range of frequencies, and will be attractive to folks with a desire to talk to "distant" places. The written test is the simplest of all the tests, and the examination also requires you to be able to copy Morse code at 5 words per minute. This license will also give you access to some "local" bands, but not as many as the Technician class.

The Technician class license, as the name implies, is aimed more at folks with a technical bent (you don't have to be an electrical engineer though). The written test is a bit more difficult, but you don't need to know Morse code for this license. The frequency bands for this license give you more "local" communications, although if you wish, you CAN take the Morse test, in which case you will also get access to the "worldwide" bands the same as the Novice class.

The next three classes of license are General, Advanced, and Extra. These three classes have access to portions of all amateur bands, with progressively more difficult exams, and requirements for copying faster Morse code (13, 13, and 20 words per minute respectively).

To prepare for the exams you will need some study material and more information about classes, examination points (the exams are given by volunteer Hams in your community), and clubs in your area. A number of organizations will be more than willing to help. One such organization is the American Radio Relay League. Write them at:

ARRL 225 Main Street Newington, CT 06111

or call them at 1-800-32NEWHAM

Ask for their "Prospective Ham Package". It will include more detailed information, a list of classes and clubs in your area, and a list of scheduled examinations in your area. Include your ZIP code in your query so they can send you info tailored for your location.

If you are near a Radio Shack store, go there and ask for a book entitled "Now You're Talking". This book is also available from the ARRL. It contains all the information you need, including study

material and sample questions for the examinations for Novice and
Technician licenses.

Good luck, and welcome to the "magical" hobby.

Regards,

Hans, K0HB

--
Un chasseur sachant chasser chasse sans son chien.
(A hunter who knows how to hunt hunts without his dog)
--

This article was posted to Usenet via the Posting Service at Deja News:
http://www.dejanews.com/ [Search, Post, and Read Usenet News!]

6043. AM receiver

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-29 00:00:00 UTC
From: nadie@gnn.com
Message-ID: <846468788.7712@dejanews.com>
Source record: 213957

Hello!...Can anyone help me with an AM receiver project? Icannot use any chips, so I have to start from scratch. Please help me with schematics for receiver as well as parts listing, book titles will also help. A 5 stage AM receiver is a plus.
Thanks for your time.

Sincerely,

OSCAR.

This article was posted to Usenet via the Posting Service at Deja News:
http://www.dejanews.com/ [Search, Post, and Read Usenet News!]

6044. Ham Radio Online?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: cajuncru@sprynet.com
Message-ID: <3277D2A1.2EF8@sprynet.com>
Source record: 213758

Does anyone here have their ham radio configured to be remotle controled
by someone on their webpage? I saw a page like that one and lost it.

Please email me your webpage address if you do!

THANKS

6045. Re: Vanity Callsign Update

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: <>
Message-ID: <558c06$29fs$2@news-s01.ca.us.ibm.net>
Source record: 213759
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.policy

In <3273a6de.14955971@207.126.101.77>, rschuck@tir.com writes:
>On Fri, 25 Oct 1996 09:07:23 -0700, Dave Booth <booth@pactitle.com>
>wrote:
>
>>Check my Page for Daily updated NEW and CHANGED callsigns!!!!!!
>>http://www.geocities.com/Hollywood/5860
>>Thanks Dave Booth kc6wfs
>>
>>
>>>>Michael Crestohl wrote:
>>>
>>> In article <54pjrj$9l2@news-e2b.gnn.com>,
>>> Michael Herron <GHURRICANE@gnn.com> wrote:
>>> >By the end of what week?? See, another loophole! I loved the last
>>> >word on it from the "spokesman" who HAZARDS a GUESS that IF ALL GOES
>>> >WELL they SHOULD..... Hey! Talk about a born politician who will
>>> >tell you exactly what you want to hear and actually say nothing at
>>> >all!! Any comments? Its more fun than the code no code (Carl no
>>> >Carl) waste of time stuff around here at least!!
>>> >
>>>
>>> You know gang, it really boils down to the simple fact that no one knows
>>> nothing! (How's that for double negatives?) Just wait and hang out and
>>> one day soon it'll happen.
>>>
>>> 73,
>>>
>>> Michael Crestohl, KH6KD/W1 (soon W1??)
>>> mc@shore.net
>>
>>--
>>Dave Booth
>Would any reasonable person expect anything more lucid from the FCC or
>any other government department/spokesperson?
>
>It is fun and does make more sense than 99% of the QRN I read on this
>newsgroup.
>
>Randy, AA8TU

'Charlie' had all of the Gate 2 Day 1 apps inputted since last Thursday. They have been unsuccessfully attempting to run the lottery since last Friday. Check out the Daily update on the www.qrz.com homepage. the same 20 with Monday's

date are still there.

6046. Re: Vanity Callsign Update

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: "Stephan M. Anderman" <sanderman@delphi.com>
Message-ID: <xNBw3Ix.sanderman@delphi.com>
Source record: 213760

Yes, you're right. The FCC's computer is down for an unspecified reason.

See ARRL Bulletin #76, dated 30-Oct, which discusses the breakdown.

73 de Stephan Anderman, WA3RKB
Stillwater, NY
sanderman@delphi.com

6047. Re: Earn it, or GET THE BEEP OUTTA HERE

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: docdc@ix.netcom.com
Message-ID: <5589m7$3bo@dfw-ixnews8.ix.netcom.com>
Source record: 213761

In <5587sc$425@tofu.alt.net> rcmolden@students.wisc.edu (Robert Moldenhauer) writes:
>
>In article <326EACF1.566E@gte.net>, jconn@gte.net says...
>>
>
>>Carl, can't you see that the fact that morse code is a communications
>>mode that has stood the test of time is a point in its favor, not
>against
>>it?
>
>Has it survived the test of time? Or is it being preserved through
>law? If
>Morse Code can survive on it's own they why are so many people
>fighting to
>preserve it's special status?

Because it is becoming uniquely ours.

>Aren't you really afraid that if the Morse Code requirement is dropped
>internationally that it will die out as a communications mode?

No.

>Most hams aren't really interested in Morse Code as a communications
>mode, many
>learn it to be able to use more modern communications modes, it serves
>a gatekeeper function, keeping the numbers small because of the fear
>that all the ham bands will become saturated.

That is an opinion, not fact.

6048. HELP Club Problems

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: Eugene Rippen <soundval@foothill.net>
Message-ID: <327791A8.91B@foothill.net>
Source record: 213762

I would like to get some suggestions and ideas for attracting younger Ham to our club.

The average age of the members at present is in the 70's. WE can't even get volunteers for officers because of the dwindling membership problem

1. The meetings are once a month on a Friday night. I believe this is one of the biggest drawbacks to getting younger members. They are either out with there families (Pizza parlor, etc,) or out looking for social companionship.

2. The 10 mile radius has about 40,000 population, 20 mile about 110,000. There are no other ham clubs until you get to the big city 30 miles away.

3. The local High School has no ham club.

4. I don't know if the local Community College (15 Miles) has a club.

5. What about sending a direct mailing to the younger hams? Did any club try it? Did it work?

6. Some of us (myself included) still use and appreciate tube type gear. Can this be turned into an attraction, or is it a negative for attracting younger Hams?

7. What have other clubs done to get younger members? Remember,even 30's and 40's are young to us.

8. My personal thoughts are that the days of rag-chewing-hamming are on the way out, as far as that being the main interest, as that is replaced by internet. I think it has to be some reversion to the technical side, including home brewing. What can a club do here?

9. Morse Code can be made an attraction. The challange of distant communications with minimum power. But, this is pushing. It is still unfavored by most new hams. How can a club make it more interesting?

10. HELP! What say? I really want your constructive thoughts and ideas.

Gene, WB6SZS

6049. mars fqcy modification TR9000

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: Joesph Fenn <jfenn@spartacus.hula.net>
Message-ID: <Pine.OSF.3.93.961030150650.7352C-200000@spartacus.hula.net>
Source record: 213763

Does anybody out there know the Modification for the Kenwood TR9000
VHF transceiver??? Its a nifty little unit what with cw/ssb/fm and
loworbit satellite scanner system to account for doppler as passes
overhead. It however will only got to 143.980 on low end of 2 meters.
It does however go up to 148.995 on xmit on the high side of the band.
Is there or has there ever been a modification I can do to go down
lower on Xmit. Say around 142Mhz?????????????.
Tnx in advance for any info you mite have and pls send to me email
your response.
Joe KH6JF/ABM6JF

From jfenn@spartacus.hula.net Fri Sep 13 09:30:21 1996
Date: Fri, 13 Sep 1996 09:29:27 -1000 (HST)
From: Joesph Fenn <jfenn@spartacus.hula.net>

****
** **
** KH6JF (kilroy wuz here) **
** **
****

6050. Re: FT-900 Noise Blanker

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: Dave Maley <dgmaley@inav.net>
Message-ID: <32781175.7B90@inav.net>
Source record: 213764

Brett Collins wrote:
>
> The noise blanker on my FT-900CAT has little if any effect on line
> noise at my QTH. Anyone have a mod that works? I would rather see
> what someeone else has done before I tear into a new $1300 rig.
>
> thanks guys, Brett

Brett; Yaesu has a service bulletin out on the FT-900 noise blanker. It can be improved if you don't mind working with surface-mount components. Went through the mod and got a blanker the takes the tops off of lightning crashes. There's a little distortion, but well worth the trade. See if you can talk your dealer out of a copy. Let me know what you think of the change. 73 Dave.....WA0ZZG
AR

6051. 1997 ARRL-Sponsored National Exam Day Dates

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: "Bart Jahnke, KB9NM ARRL/VEC" <vec@arrl.org>
Message-ID: <3277C180.71E4@arrl.org>
Source record: 213765

1997 ARRL-Sponsored National Exam Day Dates

The ARRL-sponsored National Exam Day dates for 1997 will be the last
full weekend of both April and September 1997, as follows:

Spring - April 26 and 27, 1997

Fall - September 27 and 28, 1997

These dates bring our National Exam Day to a full two-day weekend for
both seasons.

January 1997 QST Exam Info will carry a detailed announcement.

If your VE team is interested in scheduling exams during either of these
two weekends, please let us know.

73,

--Bart
==========
= | ARRL HQ =
= Bart J. Jahnke, KB9NM | Tel: 860-594-0300 =
= ARRL/VEC Manager | Fax: 860-594-0259 =
= 225 Main St | Internet: vec@arrl.org =
= Newington CT 06111 (USA) | MCI MAIL ID: 653-2312 =
= | =
==========

6052. S.A.?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: pmann@juno.COM
Message-ID: <19961030.033901.4983.0.PMANN@juno.com>
Source record: 213766

In your city, town, or village does your local SALVATION ARMY work with
the AMATEUR radio community? Does the S. A. HEADQUARTERS have a
dedicated AMATEUR RADIO STATION? Voice? Packet? HF? VHF?
73 Pete
HAVE A GREAT DAY!

6053. Re: RACES, for the tin GODS

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <32780E8C.7301@ccsnet.com>
Source record: 213767
Cross-posted to: rec.radio.amateur.misc,ec.radio.amateur.policy

Curt Phillips wrote:
>
> As with virtually everything you post or re-post, this is 99.99999%
> wrong.

You are very smart.

> On Sun, 27 Oct 1996 13:53:53 -0500, that idiot Burt Fisher posted:

Bet you have no balls to say that to my face.

> Hams were called upon BY THE RED CROSS to operate ham radio stations at
> their kitchens (where they fed the homeless) and to assist in coordinating
> relief. I know... I DID IT MYSELF, so this isn't hearsay. I was there.

I bet the hams ate well.

> Been there, done that, got the T-shirt, got the proof you are once again
> wrong, Wrong, WRONG, WRONG, WRONG, WRONG, WRONG, WRONG.

Actually the comments I posted were not mine.
I merely agreed with them.

```
#================#=====================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | If you sit on the fence, it is a pain in the butt|
#================#=====================================================#
|This message was posted from home k1oik@ccsnet.com |
#=====================================================================#
```

If you try to milk too much, you won't get a drop
Samantha Fisher

6054. Re: FCC Draft OET Bulletin #65

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: Arthur Varanelli <art16@ix.netcom.com>
Message-ID: <32785C25.7ABE@ix.netcom.com>
Source record: 213768
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Gary Coffman wrote:
>
> In article <54pdpu$g8q@sjx-ixn9.ix.netcom.com> art16@ix.netcom.com(ARTHUR VARANELLI)
writes:
> >I have reviewed a draft of FCC OET Bulletin #65 which is supposed to
> >provide guidance to implement the recent R&O FCC RF Radiation Safety
> >Standard.
> >
> >There is real trouble for Radio Amateurs, and many other people.
> >
> >Visit my home page at:
> >
> >http://www.netcom.com/~art16
> >
> >and check out my review.
> >
> >Arthur Varanelli
>
> Your "review" seems little more than ranting, arm waving, and not
> a little character assassination. If you have real technical critcisms
> of OET #65, you should state them, and document support for your
> technical position point by point.
>
> The closest thing to real critcism you offer is that the OET #65
> procedures are approximations which may not offer stations assurance
> that they are 100% within the exposure limits in every case. That is
> true, and the FCC acknowledges that it is true. But it is like saying
> that clean air regulations are no good because in some cases people
> still suffer respiratory distress while in a closed garage with a
> running auto.
>
> The OET #65 procedures are intended to reduce RF exposures in the
> majority of cases without imposing excessive burdens on the licensee
> to comply. The alternative would be to require an exhaustive set of
> measurements on site at every radiating site by qualified experts
> using calibrated equipment, and repeat those measurements any time
> *anything* on or near the site is changed.
>
> While that would give a higher degree of assurance of compliance,
> the FCC decided that it would be too burdensome on licensees to
> routinely require such on site testing. The Congress requires
> regulatory agencies to consider cost/benefit when crafting
> regulations. It would appear that the FCC has done so in this

> case in a number of ways. They have allowed use of the OET #65
> approximations, they have categorically exempted some classes
> of radiators, they have allowed some low power stations to operate
> when clearly they would be in violation of the exposure guidelines,
> etc.
>
> Now you may think the FCC has been unwise in granting some of
> these exemptions, and I would tend to agree, but overall, following
> the FCC procedures should result in reduced exposures for most
> people near RF radiating sites compared to doing nothing. Therefore,
> I think the procedures are a reasonable step toward lessening
> population exposures to high RF fields.
>
> No regulation is perfect, nor should it be expected to be. If
> necessary, further tightening of regulations can be done in
> the future. Specifically, I think the categorical exemptions
> are unwise, and think that topic should be revisited soon.
>
> In particular, I think that users of handheld equipment which
> may expose them to RF fields in excess of the standards should be
> required to acknowledge that they are aware of the hazard and
> that they waive all right to make liability claims on anyone
> but themselves for any ill effects that may arise from operating
> the devices.
>
> You critcize the regulations for making operators "second class
> citizens" by allowing them to be exposed to higher RF levels
> than non-operators. I disagree. The regulations allow operators
> to make an informed consent decision to voluntarily expose
> themselves to a higher level of RF in return for the perceived
> benefit that they receive from such operations. Taking personal
> responsibility for one's actions and exercise of freedom of
> choice, what novel concepts. Perhaps there is some hope for
> government after all.
>
> Gary
> --
> Gary Coffman KE4ZV | You make it, | Due to provider problems
> Destructive Testing Systems | we break it. | with previous uucp addresses
> 534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
> Lawrenceville, GA 30244 | |

Gary:

Thanks for your comments.

As a safety professional, it continues to be my experience that the
world does not quite work in the manner you perceive it.

The problem with going over FCC OET 65 point by point is that the FCC
makes no clear technical points to support their intentions. That is

further born out by their rationale for the report and order upon which OET 65 is based. Having closely viewed the process by which we have arrived at this sorry point, I can speak from experience that there is nothing that closely resembles usual and customary human safety protocol anywhere in their work. Take "informed consent" into court and see how far you get!

The whole FCC mess has been aptly dubbed "The RF Radiation Consultants' Welfare Act of 1996". This view has been shared by those in the telecommunications industry who have attemped to understand some of the convoluted methodology without success. Petitions for Reconsideration on the base Report and Order have been filed by many, including the Department of Defense, who have the premier RF Safety laboratory in the world, and upon whose historical work the transnational consensus standard ANSI/IEEE C95.1-1992 is based.

The FCC did not adopt C95. They made up their own standard without mainstream science rationale.

Upon this base, you really have a document that does nothing for human safety.

Regards,

Arthur Varanelli

6055. Re: The final debate on CW.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: rfm@worldnet.att.net
Message-ID: <wkiv7r907l.fsf@urth2.worldnet.att.net>
Source record: 213769
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <5570q4$mde@masters0.news.internex.net> andy@tiedye.com (The Tie-Dyed Side of the Force) writes:

> Why did the ARRL seek this rule change [10 -> 13 WPM] in the first place?
> I have heard that they wanted to reduce the number of new hams.

After getting past the 10WPM "hump" the code is a conditioned reflex,
not a conscious memory. It's well known from lab psych experiments
that conditioned reflexes aren't forgotten like a conscious memory.
Remember the old cliche about "you never forget how to ride a bike"?
Same thing. So by forcing people past the hump, fewer people would
fall into the trap of learning the code to 10WPM, having to put
ham radio to the side for other things temporarily, and having
to start all over again to come back -- which would *reduce*
the number of hams.
--
Rich McAllister, KO6CL, rfm@worldnet.att.net

6056. Re: What some sorehead thinks of hams (Burt)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: Andrew C Robertson <drewbob@mit.edu>
Message-ID: <3277A042.602E@mit.edu>
Source record: 213770

The saddest thing about all this is that there are people out there just as full of contempt and bitterness as Burt.

drewbob aa1hx

6057. HELP in tuning up a SONY monitor

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: fpetagna@mbox.caprinet.it
Message-ID: <327792d5.2385996@news>
Source record: 213771

Hallo to All,
I am looking for anyone how could help me in fine_tune a Sony 15sf II
monitor.
73 de IC8POF Filippo at jn70cn \ Capri Island
fpetagna@mbox.caprinet.it

6058. 1-channel radio remote control

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: Joe Berg <jberg@uslink.net>
Message-ID: <01bbc69f$0c457980$4ba8c7c7@joe-berg-laptop>
Source record: 213772

Hello,

I'm looking for a single-channel radio (transmitter and receiver) I using for a project. This is simular to what my garage door opens does. The reveiver needs to be a larger unit, or has the capability to be place in it's own case. The distance between transmitter and receiver needs to be at least 40 feet.

Once the single channel is activated, I need to control a relay. This relay can be either 12, 24 or 36 volt circuit.

I have everything in place except the single-channel remote control.

Can seomeone point my in the right direction.

Joe

6059. Re: RACES, for the tin GODS

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: cphillips@pobox.com
Message-ID: <558ega$cep@redstone.interpath.net>
Source record: 213773
Cross-posted to: rec.radio.amateur.misc,ec.radio.amateur.policy

As with virtually everything you post or re-post, this is 99.99999%
wrong.
On Sun, 27 Oct 1996 13:53:53 -0500, that idiot Burt Fisher posted:
> There has been much discussion about ARES/RACES etc on the packet
>system. One message "crows" about the quality of volunteers in
>California, another "cackles" about a dispute between RACES and ARES
>members in TEXAS.To all these people whom are looking to carve their
>niche in amateur radio by participing in so called emergency
>communications: you are wasting your time. Emergency communications is
>already provided by many other groups, including the american red cross.
>Yes, the ARC was granted use of 220-223 MC by the FCC for their
>emergency communications use. Their attorney who petitioned the FCC is
>also the ARRL General Counsel in WASHINGTON DC. Most of the members

Here are the facts, from the real world, from a real, recent disaster in
which emergency communications were needed, Hurricane Fran's blast through
North Carolina on September 5, 1996.

ARES provided vital communication, linking various offices of the
National Weather Service (including Raleigh and Wilmington), linking the
Governor in Raleigh with sites in Wilmington, coordinating relief efforts,
providing communications assistance for the state Highway Patrol (who
experienced some storm-related equipment problems) etc. EVEN FOR THE RED
CROSS. Many phone lines were down... many cellular phone sites were
inoperative. Where VHF repeaters were down, we used VHF beams and high
power, relays and/or HF frequencies to get the messages to the recipient
despite the problems. Ham radio, VHF and HF, came through.

Hams were called upon BY THE RED CROSS to operate ham radio stations at
their kitchens (where they fed the homeless) and to assist in coordinating
relief. I know... I DID IT MYSELF, so this isn't hearsay. I was there.

Been there, done that, got the T-shirt, got the proof you are once again
wrong, Wrong, WRONG, WRONG, WRONG, WRONG, WRONG, WRONG.

========== Opinions expressed are solely those of the author ==========
Curt Phillips, CEM KD4YU (ex-WB4LHI) | They that can give up essential
Engineer/Writer/Adventurer/Raconteur | liberty to obtain a little
Chairman, Tar Heel Scanner/SWL Group | temporary safety deserve neither
ARRL Life; QCWA; Raleigh ARS; NRA; AEE|liberty nor safety. -Ben Franklin
==== cphillips@pobox.com ====== [Copyright 1996 All rights reserved]====

6060. Ham Poll results As of 10/30 "Why aren't you an ARRL member?"

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: wb6siv@telis.org
Message-ID: <wb6siv-3010962248410001@host06.cyberg8t.com>
Source record: 213774

The question for October/November 1996:

Why Have You Not Chosen To Join The ARRL?

Less than 1/3 of all ham radio operators are members of the ARRL. The
question for this month is
directed to those of you who are not members.

From the list of possible reasons below, select the reason that best
describes why you have not
chosen the join the ARRL.

The results:

The dues are too high. |****************** 19
Their Ham policy positions are not close to mine.|******************** 20
They are too closely tied to ham commercial interests. |**** 4
I was not treated well by one of their representatives.|*** 3
I just haven't gotten around to it. |*************** 15

Total votes displayed: 61
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront and web site developer. Located
at http://www.sarrio.com.

In association with Brillar Enterprises http://win-win.com/brillar provider of discount
CD-Roms!

6061. Re: Vanity Callsign Update

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: wday@dfw.net
Message-ID: <558kv5$dn1@news1.iamerica.net>
Source record: 213775

In article <558htu$1dak@usenetp1.news.prodigy.com>
NDQS46A@prodigy.com (George Arsics jr) wrote:

> More likely from bureaucratic screw ups! The FCC is the most
> corrupted agency in the federal government! They pay telephone
> clerks $45,000 a year. Many employees are high school drop
> outs.
>
Say, bruddah... if you ever find out how I can get me one of them $45K jobs
answering a telephone, please share it with me!

Wayne Day KF5ZC Fort Worth, Texas, USA LAB ECI#336 EMT/P |
CompuServe: 76703,376 Internet: 76703.376@CompuServe.Com | '__o
or Internet: wday@cq.net |--\ <
Member:Bicycle Mobile Hams of America, QCWA, LAB, ABC, XYZ (*)/'(*)

6062. Re: New online survey asks--->Why aren't you an ARRL member?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: wb6siv@telis.org
Message-ID: <wb6siv-3010962244310001@host06.cyberg8t.com>
Source record: 213776

In article <9610242015495592@atdbbs.com>, clint.bradford@atdbbs.com (Clint Bradford) wrote:

> >>Why aren't you an ARRL member?
>
> I question your motives, Raymond, in posting these so-called "results"
> here for us.
>
> The questions are poorly worded. The overall "poll" is negative in tone,
> thereby enticing a biased audience to respond.
>
> And, apparently, no one can enter their own response - or further
> explanation of their responses.

Clint, you can enter you personal comments simply e-mail them to me and I will post them on an established page set up for ham opinion on Ham Poll question.

I understand you do not like the questions. I was not trying to make them negitive, but I did want to capture the reasons some do not join the ARRL. Writing a poll question is not the easyest thing in the world to do. You all always seem to offend someone. 73's Ray
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront and web site developer. Located at http://www.sarrio.com.

In association with Brillar Enterprises http://win-win.com/brillar provider of discount CD-Roms!

6063. Re: Importance of coax length on HF A myth?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <557aht$24mq@info4.rus.uni-stuttgart.de>
Source record: 213777
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

In article <326fc364.5358598@news.efn.org>,
Dick Hughes <dhughes@efn.org> wrote:
>In general, the correct length of coax for an HF antenna is the
>distance it takes to get from the transmitter to the antenna. Don't
>worry about length.

Please do not disregard situations where the line can be used for
matching. Take a quad loop, with 100 Ohms input impedance.
A quaterwave of 75 Ohms line, with a few coiled turns for a balun
will save you an antenna tuner. And there a other situations
where matching is simplified (less losses) when using a defined
length of line for tranformation.

73, Moritz DL5UH

6064. Re: EARN $50.000 LEGITIMATELY IN 6 WEEKS

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: Jay123a <jay123a@gargamel.ptw.com>
Message-ID: <3277eb05.0@mothra.westworld.com>
Source record: 213778

gs34754@pinus.cc.etf.hr (Goran Stojsic) wrote:
>Subject: EARN $50.000 LEGITIMATELY IN 6 WEEKS
>Newsgroups: alt.answers
>Summary:
>Keywords:
>
>PRINT THIS OUT AND SAVE THIS POSTING ON YOUR COMPUTER,
> READ IT OVER A COUPLE OF TIMES,
> INVEST,
> AND WATCH THE MAIL BOX FOR THE MONEY!
>

Sure sounds great, send me a few thousand dollars and I'll sign up.

Jay

6065. CT by K1EA--FT1000MP

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: Bob <w5tkb@airmail.net>
Message-ID: <3277E188.17DE@airmail.net>
Source record: 213779

Not sure where to post this question. Can't contact K1EA/Harvard etc.
BBS seems down and phone number in my operators manual has been
disconnected! Anyone got updates so that FT1000MP will run on 9.01a??
Where can I get update? VE7TCP also seems out to lunch.
Bob
w5tkb@airmail.net

6066. CLUBS

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: ianp22@aol.com
Message-ID: <558ekk$gf2@newsbf02.news.aol.com>
Source record: 213780

Could any of you give me information on were to take the written exam to become a ametuer radio owner

please let me now of clubs in the uk

Ian

EMAIL - Ianp22@aol.com

6067. Re: Stuck in Vanity Gate 2?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: "Thomas J. Alessi" <Tom@Alessi.Com>
Message-ID: <3277860A.1929@Alessi.Com>
Source record: 213781

BJ wrote:
>
> Anybody hear why the Monday and Tuesday FCC.ftp postings are blank?
> All vanity update sites still show Monday am as last update (with
> weekend filings.)
> Did a Gettysburg ghost do this as a Halloween prank?

There computer system has been "DOWN" since early Monday morning.
When I called yesterday evening the girl said that the latest
on issuing is "by the end of the week".

She also stated that she was "from the government, and here to help me".
Which sent a chill down my back. =)

Any day now.... Any day!

Tom - WB1L
--

Thomas J. Alessi, 147 Joffre Avenue, Stamford, Connecticut 06905-2933
203.977.5200 * Tom@Alessi.Com * http://alessi.com/tom

6068. Re: The final debate on CW.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: Tim Raffety <Tim_Raffety@Oxy.com>
Message-ID: <3277CD15.580A@Oxy.com>
Source record: 213782
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

This whole debate is a bunch of crap. Sounds to me like a bunch of former CBers that are no code and slow codes want to be on the HF bands so bad they think if the materDEBATE on here enough big brother will fell their pain and do something for them.

..-. ..- -.-. -.- .- .-.. .-.. ..-

-.-. -... . .-. ... .-.-.-

6069. Re: Vanity Callsign Update

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: Andrew C Robertson <drewbob@mit.edu>
Message-ID: <3277B837.5FC2@mit.edu>
Source record: 213783
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.policy

macino@ibm.net@smtp-news2.ibm.net wrote:
>
> 'Charlie' had all of the Gate 2 Day 1 apps inputted since last
> Thursday. They have been unsuccessfully attempting to run the lottery
> since last Friday. Check out the Daily update on the www.qrz.com
> homepage. the same 20 with Monday's date are still there.

I can see it now...

Due to computer problems, the lottery for Gate 2 vanity call assignments
will be done manually. Estimated completion date: March, 1998.

So, are we holding up everyone else's new licenses/callsign changes?
Seems to me that the new licensees should have priority at any rate.

drewbob aa1hx

6070. Tucker Update

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: Steve Johnson <dvr@onramp.net>
Message-ID: <327810AB.C86@onramp.net>
Source record: 213784

On October 19, 1996 the Kenwood and Icom service dept of Tucker Electronics was purchased by AVVid. This reverses a purchase made by Tucker Electronics in November, 1995 when Tucker Electronics purchased the amateur radio service department of AVVid to establish a service center.

AVVid has been an authorized Kenwood Service Center since November, 1993 and now continues in this tradition with the addition of Icom Service (pending). Any inquiries may be made to AVVid, 10040A Monroe Dr. Dallas, Tx. 75229. Telephone 1-800-214-5779 or local to Dallas, 214-350-6770.

Note: Thanks to all of my past customers and I hope to be able to help you again. For those who don't know me I have been servicing amatuer radio equipment (primarily Kenwood) since 1981 on a part time basis and since 1993 full-time. Clif Holland KA5IPF Owner

6071. Re: Vanity Callsign Update

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: haynes@cats.ucsc.edu
Message-ID: <558irl$8dj@darkstar.ucsc.edu>
Source record: 213785

In article <558htu$1dak@usenetp1.news.prodigy.com>,
George Arsics jr <NDQS46A@prodigy.com> wrote:
>More likely from bureaucratic screw ups! The FCC is the most
>corrupted agency in the federal government! They pay telephone
>clerks $45,000 a year. Many employees are high school drop
>outs.

And they murder babies and worship devils! (Oops - wrong newsgroup!)

6072. Tired Old Mans Page

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: john fleenor <jlfleenor@why.net>
Message-ID: <3277D582.4815@why.net>
Source record: 213786

http://www.why.net/home/robtnew

6073. Re: Importance of coax length on HF A myth?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: <>
Message-ID: <558bm5$29fs$1@news-s01.ca.us.ibm.net>
Source record: 213787
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

In <557aht$24mq@info4.rus.uni-stuttgart.de>, moritz@ipers1.e-technik.uni-stuttgart.de () writes:
>In article <326fc364.5358598@news.efn.org>,
>Dick Hughes <dhughes@efn.org> wrote:
>>In general, the correct length of coax for an HF antenna is the
>>distance it takes to get from the transmitter to the antenna. Don't
>>worry about length.
>
>Please do not disregard situations where the line can be used for
>matching. Take a quad loop, with 100 Ohms input impedance.
>A quaterwave of 75 Ohms line, with a few coiled turns for a balun
>will save you an antenna tuner. And there a other situations
>where matching is simplified (less losses) when using a defined
>length of line for tranformation.
>
>73, Moritz DL5UH
>
>

Excellent example here. I fed a triband quad with this method for several years. It was the only way I could get a GEM Quad to play with a single 50 ohm coax to three tuned 75 ohm quarter wave stubs.
Jim WD9AHF

OS/2 Warp V4 Java Enabled Operating System.

6074. Hallicrafter Transmitter Manual

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: harryo@oanet.com
Message-ID: <556l3r$b9@hermes.oanet.com>
Source record: 213808

There is a member of our Amateur Radio club that has a Hallicrafter Transmitter Model HT-40 built from a kit circa 1960. The transmitter covered from 160m thru 6m. He is looking for the manual that goes with it as over the years some of the parts have been used for other projects. If anyone has a copy, please e-mail me and I will contact the Amateur.

Thanks,

Harry
VE6 HPA

6075. Re: Neophyte need advie for RF setup at a Sports Bar

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: Mark White <markw@Iconnect.net>
Message-ID: <556els$so3@connect3.iconnect.net>
Source record: 213809

There are a few ways to make your novel idea work (and I think its a cool idea!). A simple way is to buy already made low power FM transmitters and place simple FM radios at different tables, if you had a digital display on the radios it would be easier for customers to tune in the right one. These can be found by the bunches in most electronic magazine advertising sections. an added plus to this method is patrons can also use their own walkmans if they wanted to. Another way would be to just hard-wire all the booths using 12 pair cable and have speakers with a selector knob. this way obviously does cut down on the flexibility though.
Good Luck
Mark

6076. Re: Wanted Used (but working) T1 Channel Banks

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: Thor Wiegman <thorw@sierra.net>
Message-ID: <01bbc628$3f3eeaa0$07ec87cf@thorw.nidlink.com>
Source record: 213810

William W Janssen <billj@calweb.com> wrote in article
<54qjcq$7ok@news.calweb.com>...
: barnaby@world.std.com (Richard Barnaby) wrote:
: >I'm in the Market for some T1 Channel Banks. I really don't know a
: >lot about them, but, based on my limited understanding, how tough
: >could it be to multiplex 24 signals onto a composite channel?
: >
:
: FYI The channel bank takes 24 voice circuits and converts them to
: digital and multiplexs them on to a 1.544 digital line. Much of
: the hardware is the conversion of analog to digital.
:
: Also the equipment will run on -48 volts.
:
: I would think that it would be easier to build a multiplexer
: for digital data from scratch.
:
: Bill K7NOM
:

I've worked with a lot of these channel banks and I can tell you from looking at them that it would be a major undertaking to design and build one on your own. I believe that these can be purchased used from someone like Allied Communications at a pretty good price.

Keep in mind that these channel banks require a full duplex channel to operate.

6077. Re: Communications in tunnels

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: Thor Wiegman <thorw@sierra.net>
Message-ID: <01bbc627$7c0754a0$07ec87cf@thorw.nidlink.com>
Source record: 213811

Gary Fiber <gfiber@cmc.net> wrote in article <54ejbr$ec0@news.cmc.net>...
: eugene@loop.com wrote:
:
: >The Metro Rail Subway system in Los Angeles utilizes Fire, Police, and
Security repeaters feed into a
: >common antenna. This antenna is actually a very high loss coax, very
wide braid. This cable is strung
: >throughout the stations and tunnels to provide comminications.
:
: >De WB6HRO
:
: Normally it is hardline that has slots cut into the copper shield I
forget the
: proper name of the cable. Andrews used to make it, they may still. You
will
: also see this used in many high rise buildings for better radio
reception.
:
: Gary
:
:
Actually the system that most people uses is called Tunnel Radio which is
made by a company called, amazingly enough, Tunnel Radio. It uses a lossy
coax system (the shielding isn't 100% on the coax) and every so many feet
it has an amplifier in the line which is powered by a DC voltage carried on
the coax. I'm not sure if Tunnel Radio has a web page but I would contact
them for more info.

6078. ir plans

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: amaw@newnorth.net
Message-ID: <556uvl$a7d@unix.newnorth.net>
Source record: 213812

Hi! I am looking for plans to build a remote control extender. I've seen the units at Radio Shack for a rather costly price, but think that it can be home brewed at a much cheaper price.

What the unit does is pick up the infared signal and rebroadcast it.

Does anyone have any ideas on where to obtain plans, can you please e-mail me..

Thanks...

amaw@newnorth.net

6079. Re: Need disneyland repeater frequency

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: njessen@kirker.com
Message-ID: <32770f3e.4643615@nntp.ix.netcom.com>
Source record: 213813

Why did you say to use it sparingly?? Is there some sort of use limit on this repeater? I hardly ever hear anyone using it. I live a few blocks away from it. Neil - N6RPL

On Thu, 17 Oct 1996 17:19:00 GMT, clint.bradford@atdbbs.com (Clint Bradford) wrote:

>
>>>I going to disneyland and I was wonder if anybody konws
>>>the repeater frequencies down there. Is it okay to use the
>>>repeater ??
>
>146.940- PL 131.8
>
>Use it sparingly, with respect, and all will be fine!
>
>-Clint Bradford, KE6LCS

6080. Re: The final debate on CW.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: jmaxwell@netcom.com
Message-ID: <jmaxwellE02E3x.yv@netcom.com>
Source record: 213814
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

William W. Wright (william.w.wright@cpmx.saic.com) wrote:
: I still feel that the testing requirement of CW speeds faster than the
: internationally set number is inappropriate. Having a CW speed of 13

The "internationally set number"??? There is no such number.

Paragraph S25.5 (1) of the ITU radio regulations requires only that a
person seeking an amateur licence authorizing operation below 30 MHz
"...shall prove that he is able to send correctly by hand and to receive
correctly by ear texts in Morse code signals." No speed is specified.

The basic code requirement for US hams was set at 10wpm in 1912. It was
raised to 13wpm in 1936 to ensure that licensees had gotten beyond the
"hump" that most people hit at around 10 wpm.

73. Jim, W6CF
--

---
james a maxwell jmaxwell@netcom.com

6081. Re: The final debate on CW.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: andy@tiedye.com
Message-ID: <5570q4$mde@masters0.news.internex.net>
Source record: 213815
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <jmaxwellE02E3x.yv@netcom.com>,
jmaxwell@netcom.com (james a maxwell) wrote:
>The basic code requirement for US hams was set at 10wpm in 1912. It was
>raised to 13wpm in 1936 to ensure that licensees had gotten beyond the
>"hump" that most people hit at around 10 wpm.

A "hump", huh? Looks more like a wall from here.

At that time most ham operation was CW, I assume, so anyone who could get
their speed up to 13 presumably would in due time anyway. The only people
this would have affected significantly were those who could not get over
the wall at all.

Why did the ARRL seek this rule change in the first place?
I have heard that they wanted to reduce the number of new hams.
If this is true, then they must have believed that a signicant number of
applicants would never be capable of passing the 13 wpm test. It would
be interesting if they believed that, since it has always seemed to be
the central article of faith amongst the pro-code-testing crowd:
that anybody can learn the code.

6082. Re: Importance of coax length on HF A myth?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: "miker in Tigard, OR." <mreiney@hevanet.com>
Message-ID: <32772640.7547@hevanet.com>
Source record: 213816
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Dick Hughes wrote:
>
> On Thu, 24 Oct 1996 14:07:27 GMT, gary@ke4zv.atl.ga.us (Gary Coffman)
> wrote:
>
> >In article <54nc7a$s6@lily.redrose.net> jpoll@redrose.net (James Pollock) writes:
> >> I have a friend who swears up and down that the length of the
> >>coaxial cable to maintain resonance at a given frequency is important
> >>for reducing the SWR. He feels that it acts in a similar principal to
> >>the fact that the elements of an antenna must be cut to the correct
> >>length for the antenna to be resonant at a given frequency.
> >>
> >> It seems to me I have also read somewhere that this is a myth. I
> >>need the true scoop on this. I'm preparing to put up a pretty good
> >>antenna system on my roof (a homebrew 10 meter antenna cut to exactly
> >>the middle of the band), and don't want to purchase an extra 6 ft of
> >>Belden 9913 coax only to have it looped up and losing signal, when in
> >>reality I could of used 20 feet instead of 26 feet of cable.
> > >
> >Ok, this can get complex because there are several interrelated
> >things happening here. Lets take them one at a time.
> > >
> >The only thing that determines SWR on a transmission line is
> >the ratio of the characteristic impedance of the line to the
> >impedance presented by *the load*. Nothing you can do at the
> >generator end can affect SWR, and changing the length of the
> >cable won't change SWR either (but see below).
>
> <huge snip>
>
> >Gary
>
> In general, the correct length of coax for an HF antenna is the
> distance it takes to get from the transmitter to the antenna. Don't
> worry about length.
>
> Dick Hughes - W6CCD

There's an important issue that has not been mentioned.
If your SWR is 1:1, coax length is unimportant.
If it's not, then the impedance looking into the coax is a function
of the length. Draw a (constant SWR) circle on a Smith Chart. As you
change length,

you move around that circle. As long as your transmiter can match any impedance on the circle, you're OK. With a high SWR or with a modern no-tune rig, you might find that the rig behaves significantly differently depending on the coax length. SWR doesn't change, but the matching network required to drive the coax sure does.

Having said that, I suggest you put your effort into making the antenna 1:1 rather than messing with the coax length.

miker

6083. Re: Receiving traffic helicopter signals?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: domonkos@access4.digex.net
Message-ID: <557lk3$h35@news3.digex.net>
Source record: 213817
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner

gary sellani (gsellani@dsp.net) wrote:

: The traffic helicoptors in the SF Bay Area are found between 450 and 451
: MHZ. KGO is 450.2125MHZ.

Finally some sensible information. Most all of this is in the 450-451 Mhz areas. A few rare one have been caught in the 170Mhz press freq ranges. The only exceptions are those that have moved up to encrypted UHF to prevent unauthorized use of their information.

Here in Maryland 450.4875 and 450.850 Mhz have plenty of activity in the Beltway area, and makes for some good listening too, more fun than some morning zoo stations.

Andy

6084. Re: Code or No Code...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <557je4$29o@lehi.kuentos.guam.net>
Source record: 213818

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>Skipped population demographics in school, did you Jim?

I skipped as much as I could in school, Gary. I guess I must
have gone fishing that day.

>When the average age of a population group is increasing
>at 3/4 year per year, that group is dying. It means that
>younger people aren't entering the group at a rate which
>would sustain it. A demographically stable group has the
>same average age year after year.

OK. Thanks. I'm make a note of that in my ARRL antenna
handbook.

73, Jim KH2D

6085. Stuck in Vanity Gate 2?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: jobes@tigger.jvnc.net
Message-ID: <E039Ix.BKn@tigger.jvnc.net>
Source record: 213819

Anybody hear why the Monday and Tuesday FCC.ftp postings are blank?
All vanity update sites still show Monday am as last update (with
weekend filings.)
Did a Gettysburg ghost do this as a Halloween prank?

6086. HTX 212 Mods wanted

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: Mark White <markw@Iconnect.net>
Message-ID: <556f4n$so3@connect3.iconnect.net>
Source record: 213820

Greetings to all!
I am trying to find a Mod to a Radio Shack HTX-212 which will allow me to do one or both of the following:

I would like to be able to use it on an emergency/natural disaster frequency of 155 something-or-other MHZ. (transmitting I mean :>)

I would also like to be able to program the local NOAA weather stations into the memory, its current state only allows ham freqs to be stored (144-148), even though the VFO will tune higher.

Any advice on this would be much appreciated!

TNX & 73's N9OHS
Mark White

6087. Re: FCC

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: DDouglas@BanGate.Compaq.Com
Message-ID: <DDouglas.21.052D45BA@BanGate.Compaq.Com>
Source record: 213821

In article <555st3$nne@borg.svpal.org> augustmi@svpal.svpal.org (August Miller) writes:
>From: augustmi@svpal.svpal.org (August Miller)
>Subject: Re: FCC
>Date: 29 Oct 1996 21:28:03 GMT

>: George Arsics jr (NDQS46A@prodigy.com) wrote:
>: The FCC squandered approximately $30 million over the past year
>: in unnecessary travel.

>: -
>: NDQS46A@prodigy.com

>Maybe they were traveling around looking for illegal operators and pirate
>stations.

What is the definition of "unnecessary travel". I hate waste, but it would be
nice to know who came up with the 30 million dollar amount, and using what
criteria. (Not that I think it's incorrect...)

6088. RE:New online survey asks--->Why aren't you an ARRL member?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <556hpv$c1d@sjx-ixn6.ix.netcom.com>
Source record: 213822

In <9610242015495592@atdbbs.com> clint.bradford@atdbbs.com (Clint Bradford) writes:

>
>
>>>Why aren't you an ARRL member?
>
>I question your motives, Raymond, in posting these so-called "results"
>here for us.
>
>The questions are poorly worded. The overall "poll" is negative in tone,
>thereby enticing a biased audience to respond.
>
>And, apparently, no one can enter their own response - or further
>explanation of their responses.

Clint,

Ray does these little "polls" to pump up his little business. I have often wondered why he doesn't get more heat for "commercial activity" on the news groups. But he doesn't and I have no interest in starting it.

Jerry

6089. Re: What business thinks of hams

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: MAB NY6Z <ny6z@sprynet.com>
Message-ID: <01bbc66c$e4c1e2e0$0891aec7@default>
Source record: 213823
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Sounds like you have a real problem in California. In other parts of the country disaster relief by Hams is still absolutely essential. I don't know what we would do without Skywarn reports and help during hurricane season. Anyone else with such experiences of needed Ham emergency relief?
MAB

6090. Re: contacting maritime mobil ham

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: anthonys@ix.netcom.com
Message-ID: <55769f$kf@sjx-ixn2.ix.netcom.com>
Source record: 213824

In <3276BE25.79E2@safari.net> Mitchell Louis <mitch96@safari.net>
writes:
>
>Was wondering if someone outthere could give me a hand. Long lost ham
>friend sent me a card from tahiti.KE2FC/MM ex N4JDX/MM is "going
'round"
>as he puts it. I dont have a HF rig as of yet (moving) and want to
>contact him. If anyone monitors 14313/14300 at 0400-0500 GMT give him
a
>shout and say "jolly good show al go for it!!!' for me. The boat is
the
>"Bojangles" and the capt. is Al irving.
> If anyone has any ideas on how i can reach him, give me a shout
on
>e-mail. thanks
>mitch N4JBW

Mitch ...short of being on 20M direct yourself I suspect there
is little possibility. (yes, I sometimes follow the MM nets). There
is always the option of of a letter or card to his forwarding
address. <g>

If you have Compuserve, the cruisers are quite active there on the
Sailing Forum.

Your choices, I think.

-=Tony=- W6ANV San Francisco. CA

6091. Re: FCC to be Abolished

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: anthonys@ix.netcom.com
Message-ID: <5576ha$f6m@dfw-ixnews9.ix.netcom.com>
Source record: 213825

In <556n2k$1ot8@useneta1.news.prodigy.com> NDQS46A@prodigy.com (George
Arsics jr) writes:
>
>Is there any confirmation yet that the FCC will be closed down
>-
>early in 1997? Newsdates had an article that the FCC will be
>
>converted to an Office of Technology in the executive office of the
>
>president & have a staff of only 160 people.
> NDQS46A@prodigy.com
>
>

What, who is "Newsdates"? The 'report' seems far fetched to me.
Have you seen any Congressional movement to that effect??? This is
what it would take, face it!

-=Tony=- W6ANV

6092. Radio Shack 202 Handheld 4- sale

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: George <gepley@tfs.com>
Message-ID: <01bbc671$e63bbf60$13dc02cf@default>
Source record: 213826
Cross-posted to: rec.ham-radio,rec.radio.amateur,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.swap

Hello
I have a Radio Shack 202 HT for sale.It comes with 3 battery packs,a mic,a case,a charger,and has 4 years left on the warranty.This radio looks like new and works great.Asking $150.00 plus $15.00 for shipping.Please contact me at my e-mail address if you are looking for a great radio...

gepley@tfs.net

6093. Re: Element 1C Code Speed

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: "Bart Jahnke, KB9NM ARRL/VEC" <vec@arrl.org>
Message-ID: <32776A20.9DF@arrl.org>
Source record: 213827

Stephen Lui wrote:
>
> I've been practicing for Element 1C and am confused about what the actual
> code speed will be. Super Morse sets a 20WPM send rate and 26WPM character rate.
> I asked the VE Examiner (ARRL) and he said the test is both 20WPM send
> and character rate (non-Farnsworth), but wasn't sure because he never timed
> it. He did say that Element 1B was 13WPM send rate and 18WPM character rate
> which is consistent with Super Morse, which I'm using to practice.
>
> Is there a standard for code speed on code tests? Do I need to ask the
> examiner for the source of the test to determine the actual speed? Is there
> at least a standard for ARRL code tests?
>
> Anyone know how to make NuMorse go faster than 10WPM send rate and 20WPM
> character rate?
>
> Stephen

Stephen:

Although the Morse code tests may vary from VEC to VEC and VE team to VE team, if your test is ARRL/VEC-coordinated the Morse code exam speeds will routinely be as follows:

Element 1A - overall speed is 5 WPM, farnsworth character speed is 18 WPM

Element 1B - overall speed is 13 WPM, farnsworth character speed is 18 WPM

Element 1C - overall speed and character speed are both 20 WPM

We supply the exam audio tapes for our VE teams. Our VEC-supplied audio tapes are produced with a 716 Hz audio tone, and we have include an exactly one-minute practice segment at the beginning of our exam message tapes. So, if a VE team questions the speed accuracy, they can time the one-minute segment or measure the audio note frequency to be sure.

73,

-- Bart

==========
= | ARRL HQ =
= Bart J. Jahnke, KB9NM | Tel: 860-594-0300 =
= ARRL/VEC Manager | Fax: 860-594-0259 =
= 225 Main St | Internet: vec@arrl.org =

```
= Newington CT 06111 (USA) | MCI MAIL ID: 653-2312 =
= | =
================================================================
```

6094. Re: Legal Action v.s. tech..

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: eplatt@wco.com
Message-ID: <3276f134.12722468@news.wco.com>
Source record: 213828

I heard the ECPA said we can't?? I say kill the whole ECPA. =)

Bob Snyder <Bob.Snyder@mci.com> wrote:
>We can listen to cordless phones. You just can't use anything
>heard on there for personal uses/gains. There may be state
>regs. to prevent cordless listening but not federal.

6095. Re: Stuck in Vanity Gate 2?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: "J. Andy Thompson" <kk7d@wolfenet.com>
Message-ID: <327775C7.61B6@wolfenet.com>
Source record: 213829

BJ wrote:
>
> Anybody hear why the Monday and Tuesday FCC.ftp postings are blank?
> All vanity update sites still show Monday am as last update (with
> weekend filings.)
> Did a Gettysburg ghost do this as a Halloween prank?

I called FCC at 1-800-322-1117 and was told on mon, tues, and today that
the database computer was down. It will be down all day today.

Scary,isn't it?

Andy

6096. Re: Earn it, or GET THE BEEP OUTTA HERE

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: Dave Burr <dtburr@mcs.com>
Message-ID: <32777A74.33D2@mcs.com>
Source record: 213830

DAVE ABSHIRE wrote:
>
> To Home it may concern!
>
> Yea like you don't have none of that shit on two meters!
> Bull shit.
> I here mostly on 2 meters is a lot of (75 and 80 Meter Wan A Be's) And a
> lot of
> converted know it all CB operators. In fact some CB operators know more
> that half of the
> nit wits on some of the repeaters. So if you want to listen and run
> operators down look in
> your own back yard, or better your own repeater's. Half of them don't know
> Jack Shit about radio but to key the mike and pretend there on HF. If you
> are that upset about what you here you can always turn the VFO or the Off
> switch.....If you can't take the heat, Get the BEEP outta here....
>
> And nats all I got to say about thaaaut.........
>
> This does not reflect the opinions of my employer *I don't think*.....
> FG

I'm sure you do not!

Here, all you good 'ol boys. Here's one of your own! A fine example of the intelligent life you find on HF these days. This guy is obviously highly educated and a credit to ham radio. The hobby will live a long time if we fill up the bands with this type.

DB

6097. (none)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: blentz@texoma.NET
Message-ID: <199610301559.JAA24913@mercury.texoma.net>
Source record: 213831

SUBSCRIBE

6098. Re: Earn it, or GET THE BEEP OUTTA HERE

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: DAVE ABSHIRE <D.R.ABSHIRE@worldnet.att.net>
Message-ID: <01bbc67d$c66c0440$e24692cf@default>
Source record: 213832

Well Mr. Burr
I tell you like I tell everyone else.
I you can't take the heat get out of the kitchen.
A lot of your operators that are new come on the freq. where
there is a conversation and want to jump in, and be as you
would put it, One of the good OLE boys. With nothing to say
but how is the weather or how is my signal. But the operators
on the other end are supposed to drop everything there doing
and there topic what ever it was at the time and help the new
kid on the block. There are hams out there that will indeed do
that but not all of them. I get so tired of hearing about the old
ham operators and how rude some of them are. Tell ya Dave
don't knock these good OLE boys till you have been around as
long and did what some have done. As far as your attack on
me personally, You do the same as a lot of people, Either across
a mic. or modem but when it came down to the face to face (Not meaning
fist fighting) you would more than likely set back and keep you lip
shut. But go to your next ham fest and make statements like you do
here and see if you get the same answers OK big boy....
Have a good day
Dave

lik
you

Dave Burr <dtburr@mcs.com> wrote in article <32777A74.33D2@mcs.com>...
> DAVE ABSHIRE wrote:
> >
> > To Home it may concern!
> >
> > Yea like you don't have none of that shit on two meters!
> > Bull shit.
> > I here mostly on 2 meters is a lot of (75 and 80 Meter Wan A Be's) And
a
> > lot of
> > converted know it all CB operators. In fact some CB operators know
more
> > that half of the
> > nit wits on some of the repeaters. So if you want to listen and run
> > operators down look in
> > your own back yard, or better your own repeater's. Half of them don't
know
> > Jack Shit about radio but to key the mike and pretend there on HF. If
you
> > are that upset about what you here you can always turn the VFO or the

Off
> > switch.....If you can't take the heat, Get the BEEP outta here....
> >
> > And nats all I got to say about thaaaut.........
> >
> > This does not reflect the opinions of my employer *I don't think*.....
> > FG
>
>
> I'm sure you do not!
>
> Here, all you good 'ol boys. Here's one of your own! A fine example of
> the intelligent life you find on HF these days. This guy is obviously
> highly educated and a credit to ham radio. The hobby will live a long
> time if we fill up the bands with this type.
>
> DB
>

6099. Re: FT-900 Noise Blanker

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: rogerjb@ibm.net
Message-ID: <55814f$3dsa$1@news-s01.ca.us.ibm.net>
Source record: 213833

In <555joo$fqp@news.provide.net>, God@Provide.Net (Brett Collins) writes:
>The noise blanker on my FT-900CAT has little if any effect on line
>noise at my QTH. Anyone have a mod that works? I would rather see
>what someeone else has done before I tear into a new $1300 rig.
>
>thanks guys, Brett
>

No help from here. My experience has been that the noise blanker on my
FT-900 is very much like all the noise blankers I've seen on non-DSP
radios. It is extremely effective at killing motor noise, ignition, etc., but
not at all useful for eliminating atmospheric noise. When I use my FT-900
on my boat, the noise blanker makes a huge difference, as the boat throws off
a fair amount of snap-crackle-pop. But atmospheric noise? Forget it.

Roger J. Buffington
W6VZV
rogerjb@ibm.net

USC Law School, Class of '97

"I want to die peacefully, in my sleep, like my Grandfather."
"Not screaming, and in terror, like his passengers."

6100. Re: Element 1C Code Speed

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: lui@netcom.com
Message-ID: <luiE03Lqw.LxF@netcom.com>
Source record: 213834

In article <32776A20.9DF@arrl.org>,
Bart Jahnke, KB9NM ARRL/VEC <vec@arrl.org> wrote:
>Stephen Lui wrote:
>>
>> I've been practicing for Element 1C and am confused about what the actual
>> code speed will be. Super Morse sets a 20WPM send rate and 26WPM character rate.
>
>Stephen:
>
>Although the Morse code tests may vary from VEC to VEC and VE team to VE
>team, if your test is ARRL/VEC-coordinated the Morse code exam speeds
>will routinely be as follows:
>
>Element 1C - overall speed and character speed are both 20 WPM
>
>We supply the exam audio tapes for our VE teams. Our VEC-supplied audio
>tapes are produced with a 716 Hz audio tone, and we have include an

Just a quick question, what musical note (A-G) is 716 Hz? Super Morse only
lets you set the tone as a musical note (A-G).

Stephen

6101. Re: The final debate on CW.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: js@ibbs.av.org
Message-ID: <334@ibbs.av.org>
Source record: 213835
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <5570q4$mde@masters0.news.internex.net>, The Tie-Dyed Side of the Force (andy@tiedye.com) writes:
>In article <jmaxwellE02E3x.yv@netcom.com>,
> jmaxwell@netcom.com (james a maxwell) wrote:
>>The basic code requirement for US hams was set at 10wpm in 1912. It was
>>raised to 13wpm in 1936 to ensure that licensees had gotten beyond the
>>"hump" that most people hit at around 10 wpm.
>
>A "hump", huh? Looks more like a wall from here.
>
>At that time most ham operation was CW, I assume, so anyone who could get
>their speed up to 13 presumably would in due time anyway. The only people
>this would have affected significantly were those who could not get over
>the wall at all.
>
>Why did the ARRL seek this rule change in the first place?
>I have heard that they wanted to reduce the number of new hams.
>If this is true, then they must have believed that a signicant number of
>applicants would never be capable of passing the 13 wpm test. It would
>be interesting if they believed that, since it has always seemed to be
>the central article of faith amongst the pro-code-testing crowd:
>that anybody can learn the code.
>

Anyone and I mean anyone can learn the code. There is only one exception, a person that is deaf. However many people with poor hearing have passed the code test using a light bulb.

The code argument goes way past just code. It reflects attitudes of the people of America these days. All around the world we are called the "lazy americans". For good reason. Just look at the news story that was reported by CNN two days ago. Collage students cheating on tests for $6000.00. The easy way out. The people that want to see code go away are for the most part lazy. Plain and simple. If someone studies, and puts forth an effort, that person will learn the code. Like myself, they may even find that using code on the air is fun.

My point here with the no-coders is stop being lazy. Put forth an effort to learn something new. Don't have time you say? Then maybe you don't really have time for this hobby. It's just like flying model aircraft. If you don't have time to build one, then you don't have time to fly one. That is what ham radio is. It's a building, learning, ever expanding experiance. So you learn something new like

code, then you use it, then you get better at it, then you upgrade. You study and learn the theroy, you build your first radio, you build a better one, you work DX.

Here is a thought for you all. Part 97 says we have no type acceptance requirement for ham radio. Would eliminating testing force the FCC to place type acceptance requirements on us? Think about it, with relaxed testing, no one would really understand and know how radio works. It would become a RF nightmare!

--js

-
--

- ----
--- ------
-THEY DON'T GET OFF TIL WE COME>
--- ------
- ----

--
-
-

6102. EARN $50.000 LEGITIMATELY IN 6 WEEKS

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: gs34754@pinus.cc.etf.hr
Message-ID: <5583i0$smd@bagan.srce.hr>
Source record: 213836

Subject: EARN $50.000 LEGITIMATELY IN 6 WEEKS
Newsgroups: alt.answers
Summary:
Keywords:

PRINT THIS OUT AND SAVE THIS POSTING ON YOUR COMPUTER,
READ IT OVER A COUPLE OF TIMES,
INVEST,
AND WATCH THE MAIL BOX FOR THE MONEY!

$5, plus the costs of 5 envelopes, 5 peices of paper, 5 stamps and
a couple of hours on a computer and get $50,000
or more back in about six weeks!!!!!!!

Invest in this TOTALY LEGITIMATE oppurtunity,
Remember that this is legal, so you should report the profit of your
investment on your taxes.

Hello, I saw this news group posting and decided to invest $5 into
it and see what I get in return. Hey, what's $5 ? Keep my address and
keep in touch on the amount of money you get. In the posting I saw the
person had done this before and made $47,326 in six weeks with his $5 and
the cost of the stamps to mail the $5 to the five people on the list.
This was his second round. If you do more than the 200 listings you will
make more money.

In this day what does $5 get you, and with all the people on the
internet you are going to get you $5 back in days.

Make $50,000 with a small amount of effort and a small cost of only
$5 and a few hours of computer work (after you have saved this article on
your computer, you can use it to compose your own article, if you want;
just make the neccesary changes, like changing the names below; it should
save you a couple of hours of computer work).

This is a chance for the average person to get ahead in life so
please send out $5 and put a little effort into your postings, and then
watch the money roll in.

This investment will cost you only $5, five stamps, envelopes, paper
and a little computer work. If YOU and EVERY OTHER INVESTOR is HONEST and
follows through with the plan, you will make $50,000 in about six weeks.
Each investor will also make $50,000 in six weeks.
THIS IS A LEGITIMATE INVESTMENT OPORTUNITY !!!!!!!
When the money comes in, make a list of your investors, and you just
started your own ORDER SERVICE COMPANY (don't worry, you don't have to do
anything special, just read this article to the end, and you will get all

the information you need). Since you are starting a company
that provides a service, you make the money LEGITIMATELY (that's the
whole idea about this company business). The service you provide is the
"list of investors" that you have compiled.

You invest $5, and you receive a return on your investment. So does
the next investor. NOT ILLEGAL, NOT A CHAIN LETTER - PERFECTLY LEGITIMATE.

There are other plans like this out there that ask you to send out
$10 to five pepole, thats a fifty dollar investment and its hard to give $50
out when you are struggeling to pay the bills already. But with this
plan you only invest about $5 and others only invest about $5. Hey what's $5
now-a-days? You could probably find that in the cracks of your couch.

If you are not interested, than don't participate, but please print
this article and pass it on to someone who may be interested, so they can
take advantage.

THIS IS WHAT YOU DO:

The procedure is simple:
1) Write your name and address and an e-mail address, on 5 sheets of
paper. Below that, write the words: "Please add me to your list". Then
fold a $1 in each piece of paper (make sure the money is inside the
paper, so that it can't be easily stolen, send no coins) and send them to
the following five addresses:

1. Allen Malkowitch
23 Baker Street #712
Denver CO 80203
USA

2. Wilma Vogel
Broettenstr. 19/25
9020 Klagenfurt
AUSTRIA

3. Lenny LaForget
364 Delisla
Chicoutimi
G76 3B4
CANADA

4. Goran Stojsic
Ljubljanska Avenija 2
236/B
10000 Zagreb
CROATIA

5. Robert Radovic
Ljubljanska Avenija 2
224A/A
10000 Zagreb

CROATIA

2) Now remove the top name from the list, and move the other four names up. In other words, #5 should become #4, and so on. Put your name as the fifth one on the list. Any simple text editor will do.

3) Post the article to at least 200 newsgroups. There are 17,000 of them these days, so it shouldn't be hard to find many. Spend some time on your investment and post to as many newsgroups as you can, and the bigger the newsgroup is, the more people are to see your message and the more money you make. So post to as many as you can.

You are now in an ORDER SERVICES BUSINESS, and should start seeing returns within a week or two. Of course, the more newsgroups you post to, the greater your return is. If you wish to remain anonymous, you may use a psuedonym, call yourself, "The Manager", of "The Boss", whatever, but make sure your address is correct.

HERE IS HOW THE SYSTEM MAKES MONEY:

-Of every 200 posts I made, I received 5 responses. Yes, only five. You make $5 for every 200 posts with your name at #5.

-Each person who sent you $1 now also makes 200 additional postings with your name at #4. i.e. 1000 postings. On average therefore, 50 people will send you $1 with your name at #4. You make $50.

-Your 50 new agents make 200 postings each with your name at #3 or 10,000 postings. Average return= $500. They make 200 postings each with your name at #2= 100,000 postings= 5,000 returns at $1 each= $5,000.

-Finally, 5,000 people make 200 postings each with your name at #1 and you get a return of $50,000 before your name drops off the list. AND THAT'S IF EVERYONE DOWN THE LINE MAKES "ONLY" 200 POSTINGS!

From time to time, when you see your name no longer on the list, you can take the latest posting that appears in the newsgroups, and send out another $5, and put your name at #5, and start posting again. Remember, 200 postings in only a guideline. The more you post, the greater the return.

Let's review why you should do this. THE ONLY COST IS $5. Anyone can afford $5 for such an effortless investment with such SPECTACULAR RETURNS!

You may ask, "what happens if the scheme is played out and no one sends me money?" Big deal, you lose $5. But what are the chances of that happening? We are talking about the Internet here.

There are millions of Internet users, and thousands more joining everyday! YOU CAN'T LOSE!!! There are too many people out there to not miss this message, and there will be thousands new tomorrow.

Remember, read the instructions CARFULLY, and PLAY FAIRLY. That's the only way this will work. Get a printout so you can refer to this article easily.

REMEMBER-HONESTY IS THE BEST POLICY. YOU DO NOT NEED TO CHEAT THIS IDEA TO MAKE MONEY!! BESIDES, NOT PLAYING THE GAME FAIRLY IS ILLEGAL. SO LET'S BE REASONABLE AND PLAY FAIRLY, SO WE CAN ALL ENJOY THE INTERNET GOLD MINE.

GOOD LUCK!!!! :)

6103. Re: Wanted Used (but working) T1 Channel Banks

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: William W Janssen <billj@calweb.com>
Message-ID: <558375$n9r@news.calweb.com>
Source record: 213837

"Thor Wiegman" <thorw@sierra.net> wrote:
>
>
>William W Janssen <billj@calweb.com> wrote in article
><54qjcq$7ok@news.calweb.com>...
>: barnaby@world.std.com (Richard Barnaby) wrote:
>: >I'm in the Market for some T1 Channel Banks. I really don't know a
>: >lot about them, but, based on my limited understanding, how tough
>: >could it be to multiplex 24 signals onto a composite channel?
>: >
snip
>:
>: FYI The channel bank takes 24 voice circuits and converts them to
>: digital and multiplexs them on to a 1.544 digital line. Much of

>: I would think that it would be easier to build a multiplexer
>: for digital data from scratch.
>:
>: Bill K7NOM
>:
>
>I've worked with a lot of these channel banks and I can tell you from
>looking at them that it would be a major undertaking to design and build
>one on your own.

snip

Well I guess I should have stated that I was assuming that the object
was to multiplex 24 digital signals. In that case the the analog
portion would not be needed.

If computers are to be connected it would be better to stay digital
rather than do the conversions from digital to analog to digital
to analog and finaly to digital.

I wouldn't want to build a full channel bank either.

Bill K7NOM

6104. Review: The error of his ways (Burt)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: Andrew C Robertson <drewbob@mit.edu>
Message-ID: <32779530.5F5E@mit.edu>
Source record: 213838

In yet another "name withheld" anonymous "email" posting, the (thankfully) inimitable Burt attempts again to portray his contempt for hams as having some source or cause outside of his meager, imprisoned little mind.

Burt tends to betray a grossly inflated view of his own self-importance. Here, he shows that he thinks readers "care" about what "other hams" say about him. (Actually, the only thing that makes me think the quoted mail wasn't written by Burt himself is its level of eloquence - Burt has never shown his self-expressive ability to be anywhere near even that basic level.) Further, Burt seems to think he's doing hams a favor, that the lives of hams are afflicted by some "problem" requiring Burt's attention. The reality is, of course, that Burt is the one with the problem. It is wise to remember the words of Franklin*: "let he who is not living in a glass house throw the first stone, or it's gonna be 2 weeks in Aruba for the glass-man".

Burt (and those who agree with him) tend to rely heavily on the word "loser", a meaningless pejorative term. Truthfully, there are few things more pitiable than someone who finds it necessary to categorize people in this fashion. Burt, with his flair for unintentionally comic naivete, splashes these categorizations around as though it indicates anything but deep-seated (most likely subconscious) despair over his own inadequacies.

If there is anything negative to be said about the ham community via Burt's postings, it is that said community has not produced a troll with a better imagination, or a reasonable grasp of reality.

drewbob aa1hx

* Simon Franklin, a friend of mine from Halifax.

COMING SOON: The Burt Fisher FAQ, answering such pressing questions as "Who is this guy?" and "Why is he such a bitter old toad?"

Burt Fisher wrote:
>
> Here is what other hams say about me:
> Burt
>
> Its obvious to me this guy (smartass) never read any of your posts
> on alt.support.divorce. Just like a ham to shoot his mouth off
> without having any of the facts.
>
> Burt, I want to say keep up the good work. These "hams" need to

> be shaken up as frankly, most of them are losers. I do not call
> myself a "ham", I am a radio experimenter. I got my amateur radio
> license to allow myself access to radio frequencies.
>
> BTW, my wife (of 8 years) really enjoys your posts making fun of
> ham operators. At one time I was involved with the "social" side
> of ham radio... so she has seen some of the things you mention.
> She was able to reform me and show me the error of my ways.
> You should start a comic strip.... lets call it "Hambert".
> (Model it after Dilbert to a degree) I'd bet money you could
> get one of the ham rags to run it.... or maybe on a web site?
>
> Best Regards,
>
> Name withheld

6105. Re: Address of OM9AEM ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: BRINGER <bringer@lsgbw.hcc.com>
Message-ID: <3277C404.7BCD@lsgbw.hcc.com>
Source record: 213839

Klaus Tiedemann, DL4EBY wrote:
>
> Hi everybody,
> can anybody tell me, if there's a database existing accessable on theCheck with Buckmaster site (http://www.buckmaster.com) or directly http://199.111.6.2/cgi-bin/do_hamcall

Pierre-Michel
F1EQU
--

> Internet with world wide callsign lists ?
>
> Or does anyboy have the address of OM9AEM ?
>
> Thanks, Klaus.
> __
> tklaus@berlin.snafu.de Klaus Tiedemann On the air : DL4EBY
> klaus@afutub.extern.tu-berlin.de AX25: DL4EBY@DB0GR In the air : D-6156
> ## CrossPoint v3.11 ##

--

* *

6106. Re: Code or No Code...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct30.010210.27182@ke4zv.atl.ga.us>
Source record: 213840

In article <32761B40.5656@ldp.com> Rolfe Tessem <rolfe@ldp.com> writes:
>Gary Coffman wrote:
>> In article <54cict$mgi@lehi.kuentos.guam.net> pacrimgolf@kuentos.guam.net writes:
>> >Somebody, I don't know who, wrote:
>> >
>> >> >You might want to look at the statistics showing how the hams are
>> >> >getting older and older and there are not nearly enough young ones to
>> >> >enter the hobby. In Finland, the average ham age in the last 4 years has
>> >> >increased by 3 years.
>> >
>> >Sounds like the ham population is getting younger, not older. Seems to me
>> >most hams would age 4 years in a 4 year period, not 3. Maybe they put something
>> >in the water in Finland ?
>
>> Skipped population demographics in school, did you Jim?
>> When the average age of a population group is increasing
>> at 3/4 year per year, that group is dying. It means that
>> younger people aren't entering the group at a rate which
>> would sustain it. A demographically stable group has the
>> same average age year after year.
>
>Of course, this entire thread ignores the fact that, because of the baby
>boom bulge, the world population, and the U.S. population in particular,
>is aging.

The average age of the world's population isn't increasing, it is still
under 20, and increasingly under 20 as aid programs reduce infant mortality
in the third world, but US and European populations are aging. Unfortunately,
I don't have demographic information on Finland specifically, but I do
have some for the US.

>This is not news, but it is affecting all kinds of trends --
>such as crime rates coming down because most crimes are committed by
>young males. So the fact that the ham population is aging should not be
>particularly alarming unless it exceeds by a significant margin the
>aging curve of the population as a whole.

That's true, but 3/4 year per year is *significantly* sharper than
the demographic trend for the general population. As the baby boom
matured, the US average age increased at a rate of about 1/4 year
per year. Now as Gen X (the children of the boomers) starts having
their own families, the aging trend has slowed and demographers
tell us there is a baby boomlet coming which will once again challenge
our schools (and later our prisons). Add in the illegal immigration
(and the fecundity of the immigrants) we are seeing, and the demographic

trend for the future is down, not up.

(Unfortunately, the income of these youngsters isn't going to be sufficient to support the geezers starting in about 7 years if something isn't done to limit entitlements growth. We're going to be in a squeeze between 2005 and 2025 trying to pay for the aging boomers, but the trends reverse again after that.)

During the 80s, the US amateur population was aging even faster than 3/4 year per year. That reversed with the introduction of the code test free Tech, and US amateur average age has declined sharply from a high of 59.5 to 53 since then. The rate of decline has now tapered off. The current US general population average age is about 33, which is the highest it has reached since WWII, but still much lower than the average for amateurs. Of course we'd expect amateur average age to be higher than the general population since there are few infants or toddlers who hold amateur licenses. But the gap is still rather gaping. If amateur radio were attracting youngsters the way it was in the 50s and early 60s (pre-Incentive Licensing), the average age would be closer to 45.

If current demographic trends continue, average amateur age, assuming amateur radio still exists, will be declining sharply by 2025 as the majority of the boomers die off and the Gen Xer's kids get licensed (if they do, their parents are the ones who emphatically haven't gotten licensed at the percentage rate that their boomer parents did).

2010 to 2025 will be a dangerous time, because the Gen Xers will hold the reins of power, and they aren't favorably disposed toward amateur radio, and they'll be well and truly sick of carrying the geezers who'll mostly make up amateur radio on their backs. If you think the current administration is eager to sell amateur spectrum, just wait until it is the Gen Xers turn.

My feeling is that if amateur radio doesn't radically redesign itself, and fairly soon too, into something relevant to modern communications and to the people who are going to be the future of modern communications, there won't be an amateur radio in 2025.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

6107. Need GE and Motorola Information

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: macmike@netnitco.NET
Message-ID: <199610301759.LAA16706@aegis.nitco.com>
Source record: 213841

I recently purchased some GE Mastr II's and some Motorola Micors that I
have been told will go to the 2 Meter band. Has any one had any
experience they could help me with on these. The Mastr II's are 8
frequency mobiles with scan heads. Need info on where to get crystals. We
want to take a couple and convert to a repeater. Any one done that? If so
wiring would help as well as time - out timers and Iders, etc.
Also want to put some on Packet. Any help would be greatly appreciated.
Also we got some standard mobile units for 6 meters need to find where to
order the Eproms to change them over.

-.. . .-- ..-. ..... .--. .-.. --- .-- . .-.. .-.. .. -.
Mike Hughes - ETL List Manager - WF5P 211 Woodland Drive
Preacher Lowell, IN 46356.
Mail to: macmike@netnitco.net (219) 696-2436 or 696-3637 H
. -- .--. --- .-. - .- -. - .. -. ..-. --- .-. -- .- - .. --- -.

To Receive the latest most upto date list of churches looking write to:
etl-churchlook@genesis.acu.edu
To Receive list of Preachers looking write:
etl-preacherlook@genesis.acu.edu
Lists are updated as we receive new listings. Do your part to help!
"Listen, an IQ can be a mixed blessing sometimes. Some people want it
and
can't get it. I got it and had to get rid of it. Life's funny that way,
you know?" - Barney Fife
... .- -- - . ... - --. .. ...- . -. .. -. --.- ..- .. .-. . ...-.
.
EOF

6108. RE: Ham Gear for Sale....

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: nrhblack@condate.com
Message-ID: <01bbc693.6d3802a0$66edae8c@nrhblack.datatamers.com>
Source record: 213842
Cross-posted to: rec.ham-radio,rec.ham-radio.swap,rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.swap,rec.radio.swap

> In article <mwhite-1710961335190001@m14494-mac.mitre.org>,
mwhite@mitre.org (Michael White) writes:
> |> > Reason for selling is that I just got married a few months ago and
> |> > either the Ham Gear or me go.
> |> "Yeah, my wife said she'd leave me if I didn't get off the radio.
Over."
>

It doesn't have to be an either/or thing. . .
Put the ham gear in storage until you decide to leave.

Henry KK6JR, G4NOC
Been there, done that, really.

6109. 49er QRP Kits-HELP

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: jmouw@grtk.COM
Message-ID: <199610301956.OAA11162@grtk>
Source record: 213843

Has anyone had any problems receiving the 49er kits from Jim Cates (NORCAL) in California. I may be expecting too much but it has been a long time for me to get my kit. I ordered it early October and I... sob....sob... have received nothing. Please let me know.

73
John-KD4GIK, Dade City, Florida
Home of Sun, Fun, and Guns!

6110. Re: Earn it, or GET THE BEEP OUTTA HERE

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: rcmolden@students.wisc.edu
Message-ID: <5587sc$425@tofu.alt.net>
Source record: 213844

In article <326EACF1.566E@gte.net>, jconn@gte.net says...
>

>Carl, can't you see that the fact that morse code is a communications
>mode that has stood the test of time is a point in its favor, not
against
>it?

Has it survived the test of time? Or is it being preserved through
law? If
Morse Code can survive on it's own they why are so many people
fighting to
preserve it's special status?

Aren't you really afraid that if the Morse Code requirement is dropped
internationally that it will die out as a communications mode?

Most hams aren't really interested in Morse Code as a communications
mode, many
learn it to be able to use more modern communications modes, it serves
a
gatekeeper function, keeping the numbers small because of the fear
that all the
ham bands will become saturated.
[EOB]

6111. KD4SLC

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: scederas@intercenter.net
Message-ID: <3277ba17.2818922@news.intercenter.net>
Source record: 213845

Anyone know the whereabouts of KD4SLC?? I know what
QRZ saids and other search engines. King is a friend of mine and he
used to live in Raleigh , N.C. He and I got licensced together as my
previous call was KD4NMH. My call now is AD4PY.
I want to get his email address or phone number or someone get
word to him that I want to say hello to him after a couple of years of
not hearing from him.
He owes me no money or anything like that....Just a FRIEND is
miss!!

Thanks.

Sam Cederas
AD4PY
Cary, N.C.
scederas@intercenter.net
919-859-9246

6112. Re: The final debate on CW.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: docdc@ix.netcom.com
Message-ID: <5589f3$om0@dfw-ixnews4.ix.netcom.com>
Source record: 213846
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In <334@ibbs.av.org> js@ibbs.av.org (Jeff Stillinger) writes:
>
>
>In article <5570q4$mde@masters0.news.internex.net>, The Tie-Dyed Side
of the Force (andy@tiedye.com) writes:
>>In article <jmaxwellE02E3x.yv@netcom.com>,
>> jmaxwell@netcom.com (james a maxwell) wrote:
>>>The basic code requirement for US hams was set at 10wpm in 1912. It
was
>>>raised to 13wpm in 1936 to ensure that licensees had gotten beyond
the
>>>"hump" that most people hit at around 10 wpm.
>>
>>A "hump", huh? Looks more like a wall from here.
>>
>>At that time most ham operation was CW, I assume, so anyone who could
get
>>their speed up to 13 presumably would in due time anyway. The only
people
>>this would have affected significantly were those who could not get
over
>>the wall at all.
>>
>>Why did the ARRL seek this rule change in the first place?
>>I have heard that they wanted to reduce the number of new hams.
>>If this is true, then they must have believed that a signicant number
of
>>applicants would never be capable of passing the 13 wpm test. It
would
>>be interesting if they believed that, since it has always seemed to
be
>>the central article of faith amongst the pro-code-testing crowd:
>>that anybody can learn the code.
>>
>
>
>Anyone and I mean anyone can learn the code. There is only one
>exception, a person that is deaf. However many people with poor
>hearing have passed the code test using a light bulb.
>
>The code argument goes way past just code. It reflects attitudes of
>the people of America these days. All around the world we are called
>the "lazy americans". For good reason. Just look at the news story

>that was reported by CNN two days ago. Collage students cheating on
>tests for $6000.00. The easy way out. The people that want to see
>code go away are for the most part lazy. Plain and simple. If
>someone studies, and puts forth an effort, that person will learn the
>code. Like myself, they may even find that using code on the air is
>fun.
>
>My point here with the no-coders is stop being lazy.

I just got my no-code ticket 3 weeks ago. While I agree with your post,
I take direct offense to the above statement. I have been studying the
code since I took the test at least once a day and I do not consider
myself lazy by entering this hobby as I did. I WILL pass the code test
within 1 month from now. I do not consider myself lazy. You may have
meant to say "...point with the no-coders not intending to pass the
test..."

>Put forth an effort to learn something new. Don't have time you say?
>Then maybe
>you don't really have time for this hobby. It's just like flying
>model aircraft. If you don't have time to build one, then you don't
>have time to fly one.

Not true. Although I can spend an hour every couple of nights working
on my Clancy Lazy Bee, or Balsa USA Phaeton 90, the addition of a new
baby to the household precludes trips to the flying field for the
foreseeable future. Just because I can't fly 'em right now, doesn't
mean I won't build 'em right now.

That is what ham radio is. It's a building,
>learning, ever expanding experiance. So you learn something new like
>code, then you use it, then you get better at it, then you upgrade.
>You study and learn the theroy, you build your first radio, you build
>a better one, you work DX.
>
>Here is a thought for you all. Part 97 says we have no type
acceptance
>requirement for ham radio. Would eliminating testing force the FCC to
>place type acceptance requirements on us? Think about it, with
>relaxed testing, no one would really understand and know how radio
>works. It would become a RF nightmare!
>
>--js
>
>
>
>
>
>
> -
> --

```
> ---
>- ----
>--- ------
>-THEY DON'T GET OFF TIL WE COME>
>--- ------
>- ----
> ---
> --
> -
> -
```

6113. Re: Wanted Used (but working) T1 Channel Banks

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: rhelton@netcom.com
Message-ID: <rheltonE03s87.1on@netcom.com>
Source record: 213847

: Well I guess I should have stated that I was assuming that the object
: was to multiplex 24 digital signals. In that case the the analog
: portion would not be needed.

A channel bank uses T1, a 1.544Mbs signal that is full duplex. A T1
consists of 24 channels in the US and depending on the T1 signalling choosen
can run 24 56K or 24 64K DATA channels.

The channel cards allow you to select for a wide range of
telecommunications needs. Typically for data you would have an Office
Channel Unit in the channel bank and a DSU at your data equipment.

If you are working with eithernet, there are a ton of ethernet to T1 muxs
available.

Hope this helps you!
--
rhelton@netcom.com

6114. Re: Scientific Discoveries Minimize Aging (DHEA)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct30.041852.28117@ke4zv.atl.ga.us>
Source record: 213848

In article <54utr9$ofo@news.asu.edu> wmunsil@aztec.asu.edu (WILLIAM W MUNSIL) writes:
>
>What ever happened to DMSO? It was big for something in the 1980's.

Crown Zellerbach still makes it, it's still used as an industrial
solvent. Nasty stuff. It was reputed to relieve arthritis inflamation,
but aspirn is better, and doesn't risk carrying dangerous chemical
residues through your skin.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

6115. DIRECT CONVERSION RECEIVER

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: jasont@waverider.co.uk
Message-ID: <558kvb$4hn@melody.waverider.co.uk>
Source record: 213849

Can anyone offer me some help PLEASE!!!
I am currently a student studying for an HND in communications/electronic engineering and I have decided to build a Direct Conversion H.F. short wave receiver. The problem is that, I have never built one before and this subject is fairly new to me. Can anyone offer me some support (hints, circuits, ideas) which will enable me to build this type of receiver?
Many thanks.

jasont@waverider.co.uk

6116. Re: Vanity Callsign Update

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: n3kfn@warwick.net
Message-ID: <32787f95.26497775@news.warwick.net>
Source record: 213850
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.policy

On Sun, 27 Oct 1996 18:18:17 GMT, rschuck@tir.com wrote:

>On Fri, 25 Oct 1996 09:07:23 -0700, Dave Booth <booth@pactitle.com>
>wrote:

>Would any reasonable person expect anything more lucid from the FCC or
>any other government department/spokesperson?
>
>It is fun and does make more sense than 99% of the QRN I read on this
>newsgroup.
>
>Randy, AA8TU

Checking the stats for the past 2 days, it looks like the FCC computer
might be busted. Do you think it could be from them running those
4500 1st day vanity call requests?
73 es DX,
Mike D'Alto, N3KFN http://www.geocities.com/CapeCanaveral/1641

6117. Re: Vanity Callsign Update

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: NDQS46A@prodigy.com
Message-ID: <558htu$1dak@usenetp1.news.prodigy.com>
Source record: 213851

More likely from bureaucratic screw ups! The FCC is the most corrupted agency in the federal government! They pay telephone clerks $45,000 a year. Many employees are high school drop outs.

6118. ARLB076 FCC computer down

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: w1aw@arrl.org
Message-ID: <$arlb076.1996@arrl.org>
Source record: 213852
Cross-posted to: rec.radio.info,rec.radio.amateur.misc

```
SB QST @ ARL $ARLB076
ARLB076 FCC computer down

ZCZC AG56
QST de W1AW
ARRL Bulletin 76 ARLB076
From ARRL Headquarters
Newington CT October 30, 1996
To all radio amateurs

SB QST ARL ARLB076
ARLB076 FCC computer down

The FCC's Gettysburg, Pennsylvania, office reports that its amateur
computer system has been down for the past two days because of
unspecified difficulties. Despite the current problems, the FCC
still hopes to begin issuing Gate 2 vanity call sign grants by the
end of this week, starting with the first-day applications now
entered into their computer system.

Hams are asked to be patient and to refrain from calling the FCC to
inquire about the status of their vanity call sign applications. The
Gettysburg FCC Office Consumer Assistance Staff is not able to
provide further details on the delay.

On a related note, due to the amateur system difficulties, no new
amateur license or upgrade grants have been released since this past
weekend.
NNNN
/EX
```

6119. Re: Stuck in Vanity Gate 2?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <558jmh$tr@anomaly.ideamation.com>
Source record: 213853

In article <3277860A.1929@Alessi.Com>, Thomas J. Alessi <Tom@Alessi.Com> wrote:

>There computer system has been "DOWN" since early Monday morning.
>When I called yesterday evening the girl said that the latest
>on issuing is "by the end of the week".

Better hope the crash didn't take out the Vanity Calls database,
and that they have regular backups.

Otherwise, they'll have to start all over from the beginning again!

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

6120. Re: 49er QRP Kits-HELP

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: turner@bear.ics.uci.edu
Message-ID: <558kpt$8t0@bear.ics.uci.edu>
Source record: 213854

You ordered in early October, this is late October, and you are worried? I think you might telephone Jim and see where you are on the list, and if he is putting together kits this week.

No, I have never heard of any problems getting things from Jim Cates.

Clark
WA3JPG

6121. Re: Truth in contesting on a TEST weekend

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: Andrew Williamson <Andrew@gi0nwg.demon.co.uk>
Message-ID: <km1tGEA4NqdyEwfk@gi0nwg.demon.co.uk>
Source record: 213855
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <3273AF8C.1802@ccsnet.com>, Burt Fisher <k1oik@ccsnet.com>
writes

>On the same subject, I wonder if CONESTING meets any of the five
>fundamental purposes of the Amateur Radio Service as described by the
>FCC in
>Section 97.1 of the Amateur Radio Service rules. These "purposes" are
>why
>the Amateur Radio Service exists at all;
>
> (a) Recognition and enhancement of the value of the amateur service
>to the
>public as a voluntary non-commercial communications service,
>particularly
>with respect to providing emergency communications.
>
> < It can cause problems for Emergency Communications. >

It is also one of the best ways to practice copying information quickly
and accurately for sustained periods. If I was in a disaster area, I
would much prefer a contester to take the information than a non-
contester.

>
> (b) Continuation and extension of the amateur's proven ability to
>contribute to the advancement of the radio art.
>
> < What are the contributions from Contesting? >

Try comparing a contesters antennas to those of a non-contester.
Also DSP filtering was demanded by contesters, and now DSP is starting
to appear in more basic radios. Note the arrival of the TS570. DSP is
at the forefront of technology, and contesters were one of the first
groups of hams to use it.
>
> (c) Encouragement and improvement of the amateur radio service
>through
>rules which provide for advancing skills in both communications and
>technical
>phases of the art.
>
> < Contesting has no connection here that I see. >

'advancing skills in communications'..... see my answer on (a) above.

>
> (d) Expansion of the existing reservoir within the amateur radio
>service
>of trained operators, technicians and electronic experts.
>
> < Nope... >

Trained operators means that hams can be called on in times of war to
provide communications. Now who would be more efficient at doing
that.... without doubt a contester.
>
> (e) Continuation and extension of the amateur's unique ability to
>enhance
>international goodwill.
>
> < Contesting causes more discontent than goodwill from what I am
>hearing.
> I don't see where "international goodwill" is served by "you're
59"
>>

If you don't believe that contesting can enhance international goodwill,
then you obviously weren't at the World Radiosport Team Championships
held in San Francisco in July this year. There were 52 teams from over
30 countries, and everyone had a superb time, and made MANY lasting
friendships around the world. These teams were picked from the worlds
top contesters.

Andrew Williamson, GI0NWG/AC6WI
E-mail : andrew@gi0nwg.demon.co.uk

6122. Re: How do you block the full 27mhz band.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: Andrew Williamson <Andrew@gi0nwg.demon.co.uk>
Message-ID: <SFRQOBAq6pdyEwKp@gi0nwg.demon.co.uk>
Source record: 213856

In article <3268C4B4.637E@legend.co.uk>, Andrew <sonic@legend.co.uk>
writes
>Hello all
>
>can anyone tell me is there a circuit that will make a persons radio
>appear that it is being keyed up on, from 27.00mhz-27.99mhz.
>
>If there is a circuit can you forward me it on this news server

Why would anyone want to do this ??

Have you heard of the Wireless Telegraphy Act of 1949. Just how do you intend to license this device. UK CB is 26.965-27.405 and 27.60125-27.99125. So between 27.405 and 27.60125 this device would be operating out-of-band.

Besides, there is no way on this earth that the Radio Communications Agency would ever consider licensing such a device anyway, because this device is intended to cause deliberate harmful interference which the RA goes to great lengths to stamp out.

I would advise you read the Wireless Telegraphy Act of 1949 so you will at least understand the charges against you when the RA takes you to court for using a device of this type.

Basically, don't do it, but if you do, you have been warned of the consequences.

Andrew Williamson, GI0NWG/AC6WI
E-mail : andrew@gi0nwg.demon.co.uk

6123. Re: Radio Shack HTX-212 modification

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: Krin135@aol.com
Message-ID: <558juu$da9@news1.iamerica.net>
Source record: 213857
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

rong@southwind.net (Ronald Glanzer) wrote:

>Does anyone now how to modify Radio Shacks 2m mobile radio (HTX-212) so
>that you can store non-amateur radio frequencies in memory?

>Thanks in advance.
>N0SVC (Ron)

So far as I can find out, this may not be possible- but it was one of
the changes that RS did when they brought out the HTX-242!!! Maybe one
of the brainiacs out there can compare traces and programming to
figure out a way.

ck
Charles S. Krin, DO FAAFP
KC5EVN Krin135@AOL.com
"Reckless, Hell! I hit just where I was aimin'"
"Bubba Shot the Jukebox," Mark Chestnut 1995

6124. Address of OM9AEM ?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: tklaus@BERLIN.snafu.de
Message-ID: <6Jp5GoX6$dB@dl4eby.berlin.snafu.de>
Source record: 213900

Hi everybody,
can anybody tell me, if there's a database existing accessable on the
Internet with world wide callsign lists ?

Or does anyboy have the address of OM9AEM ?

Thanks, Klaus.

--
tklaus@berlin.snafu.de Klaus Tiedemann On the air : DL4EBY
klaus@afutub.extern.tu-berlin.de AX25: DL4EBY@DB0GR In the air : D-6156
CrossPoint v3.11

6125. Re: Jim Conn's OUTRAGEOUS pro-code agenda finally revealed

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: carl@ais.net
Message-ID: <5569ts$qp5@news.ais.net>
Source record: 213901
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In <32763FF1.13AD@clark.dgim.doc.ca>, Jim Cummings <jcumming@clark.dgim.doc.ca> writes:
>Jim Conn wrote:
>>
>> Carl Stevenson wrote:
>> >
>> > You also omit Conn's blatherings about how it "is government's
>> > obligation to limit access to HF so all the would-be American hams don't
>> > trash the bands for foreigners" ... why do you choose to omit some of
>> > the more blatantly absurd parts of Conn's blatherings and attempt to
>> > defend the less obviously absurd parts (when taken in isolation, they
>> > may be less obviously absurd, that is)???
>> >
>> > Carl - wa6vse
>> > carl@ais.net
>>
>> Carl, you really don't understand how HF works. Getting too many people
>> on a given set of frequencies has repercussions throughout the world,
>> because of ionospheric propagation.

Jim,

I DO understand how HF radio works (as a matter of fact, I used to work
as an engineer for Collins ... amongst others ... I have designed LOTs
of HF radios and HF radio systems in my 25 years+ as an RF engineer).

It sounds to me like you THING you know how it works, but you really
don't or you wouldn't make such absurd, outrageous statements ...

>The only problem with this thinking is that there is not a shred of evidence
>to support the view that the ITU, the FCC, Industry Canada, or any other
>spectrum management agency has every decided at what point there are too many
>amateurs. Conn continually points this out, but has not one iota that
>limiting the number of amateurs is a policy of any of the above mentioned
>agencies. Attempts at amateur spectrum conservancy was attempted after World
>War II by the FCC. But it was a failure because there were no quotas nor was
>any other administration that issued amateur licences prepared to co-operate
>in a similar manner.
>
>Point in fact is that there are no such policies, so Conn's opinion on this
>point is not creditable.

Conn's points, unfortunately, NEVER ARE credible ...

>>The U.S. has treaty obligations with
>> other nations to supervise the radio spectrum in order to ensure the

>> spectrum remains viable. The government has vested the FCC with the
>> authority to do just that.
>
>But there is nothing in those treaties which demand that the FCC undertake to
>limit the number of amateurs to communicate on the HF bands. In fact, like
>many other administrations, the FCC manages the amateur spectrum only to the
>extent that they operate within there frequency allocations. Spectrum
>occupancy, in so far as the amateur service is concerned, is a real yawner
>for them.

If they are concerned about ANYTHING relating to our spectral occupancy,
it's that it's not occupied enough and have they given us too much/can
they take some back to give to someone who will REALLY use it?

> >>If you won't recognize that fact, then there
>> is no sense continuing to discuss it with you. I realize that you reject
>> the role of the ARRL, but I didn't know you rejected the role of the FCC
>> as well.

I DO reject the ARRL ... their policies run directly counter to the best
interests of the future of ham radio ...

I DO NOT reject the FCC ... all I rejected is something that Jim Conn
falaciously asserts is their policy/obigation (which is neither) ...

>You are in favor of HF anarchy, just as 11 meters (CB) became
>> anarchy when the doors were opened to everyone and the rules went out the
>> window.

No, Jim, YOU get real ... I am not advocating "HF anarchy" ... I am
advocating "HF usage, participation, and technology development"...
three things that you irrationally fear ...

>
>So, we are to understand the because CBers didn't learn Morse code, anarchy
>will result once Morse code is abandoned for operation on the HF bands. Get
>real indeed.

That's one of the Pro-Code Myths ... standard issue for the past 20
years or so ...

>I suppose that the anarchy on the CB band, if it could be
>called as such, had nothing to do with the fadishness, the lack of
>enforcement or the lack of any testing, let alone the relative ease of
>acquisition of this equipment.
>
>Besides, a bit of anarchy might do a lot of good because it would force
>amateurs to consider investigating better more efficient modes of
>communications, rather having to depend on Morse code testing as a measure of
>comfort for radiotelephone operation.
>

It's not anarchy that they fear, just change ... the anarchy part is just another red herring designed to divert attention from the real issue ...

Carl - wa6vse
carl@ais.net

6126. Element 1C Code Speed

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: lui@netcom.com
Message-ID: <luiE02BsD.1r8@netcom.com>
Source record: 213902

I've been practicing for Element 1C and am confused about what the actual code speed will be. Super Morse sets a 20WPM send rate and 26WPM character rate. I asked the VE Examiner (ARRL) and he said the test is both 20WPM send and character rate (non-Farnsworth), but wasn't sure because he never timed it. He did say that Element 1B was 13WPM send rate and 18WPM character rate which is consistent with Super Morse, which I'm using to practice.

Is there a standard for code speed on code tests? Do I need to ask the examiner for the source of the test to determine the actual speed? Is there at least a standard for ARRL code tests?

Anyone know how to make NuMorse go faster than 10WPM send rate and 20WPM character rate?

Stephen

6127. WTB: Icom IC-2KL Amp. 160/10 Meters

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: John Finley <skybird@ix.netcom.com>
Message-ID: <01bbc602$06dcf9c0$387ed6ce@p-100>
Source record: 213903
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

```
WTB: Icom IC-2KL Amp. 160/10 Meters
Please E-mail me your best price.
Thanks,
--

John Finley
Miami, FL N4SPL
skybird@ix.netcom.com
```

6128. Re: CASH FOR RADIO SUPPLIES

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: glenn schultz <glenn@spacestar.net>
Message-ID: <01bbc607$6bddf680$2993dccc@default>
Source record: 213904
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.b

Conrad R. Dery, Jr. <conradjr@bright.net> wrote in article
<01bbc483$d2664c20$8c74d4cd@default>...
> Take a few minutes and read this. It could change your life!!!!
>
> This is your chance to earn BIG BUCKS
>
> This is for real....no gimmicks!!!
>
> I read this article from a news group telling me I could make $50,000.00
in
<snip>

Conrad,
Do you realize that this scheme is called Wire Fraud and Mail Fraud? Most everyone else does that reads this crap. ESPECIALLY with such a misleading title and the fact that it was cross-posted to 10 different NG's! A message has been sent to your ISP notifying them of your actions, along with copies to the FCC and US Postal Service. KEEP THIS CRAP OUT OF OUR NEWS-GROUPS!
--
Glenn Schultz
10X 68391
N0VYK

interNET ==>> glenn@spacestar.net
packetNET ==>> n0vyk@n0vyk.ampr.org

Check out the Ionospheric Protection League
Amateur and Antique Radio Homepage
==>> http://www.spacestar.net/users/glenn/index.html

6129. Re: Earn it, or GET THE BEEP OUTTA HERE

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: DAVE ABSHIRE <D.R.ABSHIRE@worldnet.att.net>
Message-ID: <01bbc61a$39715a80$055292cf@default>
Source record: 213905

To Home it may concern!

Yea like you don't have none of that shit on two meters!
Bull shit.
I here mostly on 2 meters is a lot of (75 and 80 Meter Wan A Be's) And a
lot of
converted know it all CB operators. In fact some CB operators know more
that half of the
nit wits on some of the repeaters. So if you want to listen and run
operators down look in
your own back yard, or better your own repeater's. Half of them don't know
Jack Shit about radio but to key the mike and pretend there on HF. If you
are that upset about what you here you can always turn the VFO or the Off
switch.....If you can't take the heat, Get the BEEP outta here....

And nats all I got to say about thaaaut.........

This does not reflect the opinions of my employer I don't think.....
FG

> On Tue, 29 Oct 1996 13:11:29 -0800, N9RJV <N9RJV@megsinet.net> wrote:
> >As for the code, and people like Carl - your childish attitude of crying
> >and whining to the government to give you something you have neither
> >earned nor deserve without earning has grown very thin.
> >It's gotten to the point where every pompous whiny lazy little butthead
> >who wants something they don't have the integrity, brains or intestinal
> >fortitude to work for feels they 'deserve' everything they see - at
> >other peoples expense.
> >
> >Sorry for the diatribe, but these lazy little morons are really starting
> >to get my goat.
> >
>
>
> The problem is that you're making the assumption that a correlation
> exists between the codeless licence, and behavior on the bands.
> Unfortunately, that's not valid.
>
> For the past few nights I've been listening to 80M SSB. I
> heard operators call each other "asshole", intentionally interfere
> with a Spanish QSO in progress because they didn't want any "spics"
> on *THEIR* frequency, not to mention the numerous references to
> this or that "bitch." Do I need to get into the extra-class op
> who was counseling a new General that he didn't need to use
> a counterpoise (or, as he put it, "Them wires hangin' off'n the

> bottom) on his new vertical? Is *THAT* the level of expertise
> that we're looking to strive for? Or to be the well-rounded
> personality evinced by another op who proudly declared that he had
> read only *2* books in his entire life, even when in school. All of
> this in _15_ minutes of random listening.
>
> Quite honestly, I used to suffer under the delusion that HF operators
> were supposed to be a higher class of operator. Until, of course, I
> built an 80M receiver and actually listened to the trash. I spend most
> of my time using CW on HF, but, quite frankly, I'm getting quite tired
> of the RST/WX/QTH QSO's. When I attempt to bring up a new
> subject, my questions are usually ignored, or the other op's XYL
> suddenly needs them, urgently.
>
> On the VHF+ bands, on the other hand, I can *always* find someone
> who wants to talk intelligently about construction, a new digital mode
> to try out, or even, *gasp*, something other than radio and the
> traffic conditions on the expressway.
>
> Is it any wonder that new operators question why they have to play
> second fiddle to the OM who seem to require the vast majority of our
> HF allocations to swear, complain, and play childish games of
> one-upmanship?
>
> - Rich
> --
> mulveyr@frontiernet.net Rochester, NY
USA
> Amateur Radio: aa2ys@amsat.org, aa2ys@wb2wxq.#wny.ny.usa
>
>
>
>

6130. FCC to be Abolished

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: NDQS46A@prodigy.com
Message-ID: <556n2k$1ot8@useneta1.news.prodigy.com>
Source record: 213906

Is there any confirmation yet that the FCC will be closed down
-
early in 1997? Newsdates had an article that the FCC will be

converted to an Office of Technology in the executive office of the

president & have a staff of only 160 people.
NDQS46A@prodigy.com

6131. Re: HTX 212 Mods wanted

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-30 00:00:00 UTC
From: scederas@intercenter.net
Message-ID: <3276df22.16594725@news.intercenter.net>
Source record: 213907

On 30 Oct 1996 02:39:19 GMT, Mark White <markw@Iconnect.net> wrote:

>Greetings to all!
>I am trying to find a Mod to a Radio Shack HTX-212 which will allow me to
>do one or both of the following:
>
>I would like to be able to use it on an emergency/natural disaster
>frequency of 155 something-or-other MHZ. (transmitting I mean :>)
>
>I would also like to be able to program the local NOAA weather stations
>into the memory, its current state only allows ham freqs to be stored
>(144-148), even though the VFO will tune higher.
>
>Any advice on this would be much appreciated!
>
> TNX & 73's N9OHS
> Mark White
>

ADVISE:

Take the radio back and spend the money on a real
radio. Kenwood, Icom, Yaesu, etc. Get your money's worth ....Radio
Shack sure got your moneys worth.

6132. Re: HELP Club Problems

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct31.170712.4960@ke4zv.atl.ga.us>
Source record: 213658

In article <327791A8.91B@foothill.net> Eugene Rippen <soundval@foothill.net> writes:
>I would like to get some suggestions and ideas for attracting younger Ham
>to our club.
>
>The average age of the members at present is in the 70's. WE can't even
>get volunteers for officers because of the dwindling membership problem

This is a problem. To rebuild club membership, you need an activist group of officers who have that as their primary focus. Since it sounds like your group is mostly retirees, there should be some members with plenty of time to devote to this. *You* sound like a good starting point to be a sparkplug in this effort.

>1. The meetings are once a month on a Friday night. I believe this is
>one of the biggest drawbacks to getting younger members. They are either
>out with there families (Pizza parlor, etc,) or out looking for social
>companionship.

This may be a problem. One group of which I was president moved its meetings to Saturday mornings. That seemed to help get the membership out. A brunch associated with the meeting can help. We made it a tradition that the president was responsible for bringing donuts to the meeting and the vice president handled getting a large coffeemaker setup and running. That was eight years ago, and the current officers have carried on with this. It really seems to help.

Saturday morning meetings may not be a good idea for your particular group. It worked for us, but that's no guarantee it'll do the same for you. You need to observe community patterns and see what looks like a good time and place for meetings and give it a try. Be creative.

Of course the business part of the meeting should be kept very short, and good programs are a must. Other activities, such as foxhunts, can be a plus too. The goal is to give the members something to *do* besides come sit and grouse.

>2. The 10 mile radius has about 40,000 population, 20 mile about 110,000.
>There are no other ham clubs until you get to the big city 30 miles away.

Okay, you've got a potential audience to draw from, now what do you *offer* them? Does the club sponsor a repeater? Or does it have some other focus such as packet which can draw together a group of hams? Selling a ham club is like selling anything else. It has to have curb appeal. It has to offer something people want. Just getting a group of people together once a month isn't enough.

>3. The local High School has no ham club.

This is a major opportunity. Talk to school staff about sponsoring one. Volunteers from the club can help kids learn about amateur radio and get involved with it. If possible a school station should be sponsored. At the very least do demonstrations. The demonstrations mustn't be dull. They should be short, exciting, and as hands-on as possible. Stress that ham radio is one of the few activities where a kid can participate on an equal level with adults. And make it fun and exciting. Kids are easily bored or turned off by dull stuffy presentations (actually that's true for everyone). If the presenter is excited and enthusiastic, the kids will be too.

Concentrate your activities on the *junior* high students, grades 7, 8, and 9. These are the most fertile ground. Once they start thinking seriously about cars and girls, it is difficult to add amateur radio to their activities, but if you get them early, they can keep an amateur interest when those other activities become important to them.

A club station is *very* important to youngsters. Often they won't be able to set up their own stations, so the club station becomes the place where they can operate. A club station at the school can be good, because the kids are already there. But you need a staff sponsor who will hang around and be responsible for the activities. Ideally, the staff member will be a ham, but if he is not, then one of the adult club's members needs to be there too.

Alternatively, the adult club can have a club station of its own that it will make available to the kids. This may have to be a longer term goal. Years ago, when I was in high school, our local adult club, which sponsored our school club, had its own clubhouse, leased from the county for a dollar a year, and had two dandy HF stations set up there complete with towers and beams. Any member, including kids, was allowed to use these stations. This was a *huge* draw.

But a member can make his individual station available to the kids too. This can be fun for older people who miss having youngsters around the house, and it can be a real boon to busy parents too because they'll know their kids are safe with a responsible person.

>4. I don't know if the local Community College (15 Miles) has a club.

This is less fertile ground, but it is worth a shot. Talk to the EET faculty. See if they'd like to add a credit or non-credit course on amateur radio. Community colleges are mostly commuter colleges and aren't as good for club activities as a residential college. Still, this can serve as a recruiting area for your club.

>5. What about sending a direct mailing to the younger hams? Did any club
>try it? Did it work?

If your club is obscure, this is worth a shot too in order to get the club known in the area. It is expensive, however, and the return rate

is generally very low. Flyers left at Radio Shack and other electronics stores can help too. Get some press in the local community papers. Most have a community activities page. Get your club meetings listed there. Write an article about the club for the paper. Etc. Talk up the club on the air. Use ham radio to carry your message.

>6. Some of us (myself included) still use and appreciate tube type gear.
>Can this be turned into an attraction, or is it a negative for attracting
>younger Hams?

Antique radio is always a good club program. Even hardcore techies like to see how things used to be done. Again the key is a dynamic presentation. Make radio history come *alive* for your audience and they'll eat it up.

>7. What have other clubs done to get younger members? Remember,even 30's
>and 40's are young to us.

It's hard to get people in their 30s and 40s. Their lives are very busy. You have to offer them something they want. This is where a club sponsored repeater is a strong drawing card. This is where a strong packet presence can help. Etc. You have to be focused and offer something that is better done by a group in order to attract busy people to your club.

Family oriented activities are a good draw too. Sponsor a ham radio picnic several times a year. Have radio games in which the whole family can participate. On foot foxhunts are good for this. Plant some little Part 15 sources in a park and let people hunt them with transistor radios. Have plenty of cheap little pocket radios for the kids to use.

>8. My personal thoughts are that the days of rag-chewing-hamming are on
>the way out, as far as that being the main interest, as that is replaced
>by internet. I think it has to be some reversion to the technical side,
>including home brewing. What can a club do here?

Homebrew can be the focus of club activities too. But this can be a hard sell. Clubs can make group buys of kits and have project nights to help those building, and to allow them to show off their work. You can have technical programs explaining facets of electronic construction and theory. But you've got to make it interesting. This is so easily deadly dull. Again, the presenter has to be excited and enthused, and lots of hands-on is vital.

I don't think ragchewing is a declining activity either. It's just that its major focus has shifted off HF and onto VHF. If you sponsor a repeater, make it a focus of lively conversation. Don't fall into the trap of deadly dull roundtables. Make it a free for all. Sure, you'll get lots of doubling at first, laugh about it and go on. Good interesting conversation cannot be regimented. Remember, to make conversation interesting, you have to have something interesting to say. Make an effort to find something interesting you want to

tell others about every day. Keep alert, keep alive. Learn to really listen, ask questions, participate.

>9. Morse Code can be made an attraction. The challange of distant
>communications with minimum power. But, this is pushing. It is still
>unfavored by most new hams. How can a club make it more interesting?

Yeah, that's pushing. :-)

As everyone here knows, I am not a fan of Morse. But if you can make it a fun *game* to others, then you've got a chance of doing something with it at club meetings. Young kids especially seem to find it fun to *play* with. Keep it light and fun. Morse is so easily deadly dull drudgery. I don't know any way to make this a major draw, but you may be able to do something with it.

(Besides, if you want to make minimum power contacts, there are much better ways than Morse. That's a subject for several programs in itself.)

>10. HELP! What say? I really want your constructive thoughts and ideas.

I think you can see that revitalizing a club is a big challenge, and it will require lots of time and enthusiasm on the part of the members to make it work. You can do it. The club I spoke of eariler grew from five members to sixty during my term. The trick is to make it lively and fun for everyone. Enthusiasm is contagious. If you've got it, you can give it to others.

It is far too easy to sit on the back benches and grouse. That won't get the job done. You've got to get out front, put a smile on your face, and in your voice, and lead. The more energetic and enthusiastic *you* are, the more energetic and enthusiastic your club will become. There will be times when you get discouraged, and your enthusiasm will flag. People will naysay you. Don't let that bother you. Just keep focused and keep pushing. If you think it is worth doing, then it's worth doing, and doing right. You're only here once, make it count.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

6133. Re: Jim Conn's OUTRAGEOUS pro-code agenda finally revealed

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: carl@ais.net
Message-ID: <558vrt$d76@news2.ais.net>
Source record: 213659
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In <5569ts$qp5@news.ais.net>, carl@ais.net (Carl Stevenson) writes:
>In <32763FF1.13AD@clark.dgim.doc.ca>, Jim Cummings <jcumming@clark.dgim.doc.ca> writes:
>>Jim Conn wrote:
>>>
>>> Carl Stevenson wrote:
>>> >
>>> > You also omit Conn's blatherings about how it "is government's
>>> > obligation to limit access to HF so all the would-be American hams don't
>>> > trash the bands for foreigners" ... why do you choose to omit some of
>>> > the more blatantly absurd parts of Conn's blatherings and attempt to
>>> > defend the less obviously absurd parts (when taken in isolation, they
>>> > may be less obviously absurd, that is)???
>>> >
>>> > Carl - wa6vse
>>> > carl@ais.net
>>>
>>> Carl, you really don't understand how HF works. Getting too many people
>>> on a given set of frequencies has repercussions throughout the world,
>>> because of ionospheric propagation.
>
>
>Jim,
>
>I DO understand how HF radio works (as a matter of fact, I used to work
>as an engineer for Collins ... amongst others ... I have designed LOTs
>of HF radios and HF radio systems in my 25 years+ as an RF engineer).
>
>It sounds to me like you THING you know how it works, but you really
>don't or you wouldn't make such absurd, outrageous statements ...
>

The above was in response to Jim CONN's comments immediately above ...

>>The only problem with this thinking is that there is not a shred of evidence
>>to support the view that the ITU, the FCC, Industry Canada, or any other
>>spectrum management agency has every decided at what point there are too many
>>amateurs. Conn continually points this out, but has not one iota that
>>limiting the number of amateurs is a policy of any of the above mentioned
>>agencies. Attempts at amateur spectrum conservancy was attempted after World
>>War II by the FCC. But it was a failure because there were no quotas nor was
>>any other administration that issued amateur licences prepared to co-operate
>>in a similar manner.
>>
>>Point in fact is that there are no such policies, so Conn's opinion on this

>>point is not creditable.
>
>Conn's points, unfortunately, NEVER ARE credible ...
>
>
>>>The U.S. has treaty obligations with
>>> other nations to supervise the radio spectrum in order to ensure the
>>> spectrum remains viable. The government has vested the FCC with the
>>> authority to do just that.
>>
>>But there is nothing in those treaties which demand that the FCC undertake to
>>limit the number of amateurs to communicate on the HF bands. In fact, like
>>many other administrations, the FCC manages the amateur spectrum only to the
>>extent that they operate within there frequency allocations. Spectrum
>>occupancy, in so far as the amateur service is concerned, is a real yawner
>>for them.
>
>
>If they are concerned about ANYTHING relating to our spectral occupancy,
>it's that it's not occupied enough and have they given us too much/can
>they take some back to give to someone who will REALLY use it?
>
>
>> >>If you won't recognize that fact, then there
>>> is no sense continuing to discuss it with you. I realize that you reject
>>> the role of the ARRL, but I didn't know you rejected the role of the FCC
>>> as well.
>
>I DO reject the ARRL ... their policies run directly counter to the best
>interests of the future of ham radio ...
>
>I DO NOT reject the FCC ... all I rejected is something that Jim Conn
>falaciously asserts is their policy/obigation (which is neither) ...
>
>>You are in favor of HF anarchy, just as 11 meters (CB) became
>>> anarchy when the doors were opened to everyone and the rules went out the
>>> window.
>
>No, Jim, YOU get real ... I am not advocating "HF anarchy" ... I am
>advocating "HF usage, participation, and technology development"...
>three things that you irrationally fear ...

Again, the above paragraph was directed to Jim CONN ...

>
>>
>>So, we are to understand the because CBers didn't learn Morse code, anarchy
>>will result once Morse code is abandoned for operation on the HF bands. Get
>>real indeed.
>
>That's one of the Pro-Code Myths ... standard issue for the past 20

>years or so ...
>
>>I suppose that the anarchy on the CB band, if it could be
>>called as such, had nothing to do with the fadishness, the lack of
>>enforcement or the lack of any testing, let alone the relative ease of
>>acquisition of this equipment.
>>
>>Besides, a bit of anarchy might do a lot of good because it would force
>>amateurs to consider investigating better more efficient modes of
>>communications, rather having to depend on Morse code testing as a measure of
>>comfort for radiotelephone operation.
>>
>
>It's not anarchy that they fear, just change ... the anarchy part is
>just another red herring designed to divert attention from the real
>issue ...
>
Carl - wa6vse
carl@ais.net

6134. Re: morse code keyer with recorded message?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <55aceq$esf@lehi.kuentos.guam.net>
Source record: 213660

erc@-----no-spam-----cinenet.net (Eric Smith) wrote:

>I need a fancy morse code keyer which can record a message. I don't
>really know what kind of stuff is available, because I've been out of ham
>radio for decades. But what I need is basically something you can key
>a message into, and then play it back endlessly. It would be connected
>to the equipment in place of an ordinary morse code key. (Assuming
>ordinary morse code keys are still used.)

>-- Eric Smith erc@cinenet.net

Grab the latest ham magazine, Eric. There are lots of memory keyers
available. Or give AES a call - 800-558-0411.

73, Jim KH2D

6135. Re: Amateur Radio Newsline #1002 25 Oct 1996

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: Kevin Jessup <kevin.jessup@meipws.mis.mei.com>
Message-ID: <3278A961.44D6@meipws.mis.mei.com>
Source record: 213661

Michael P. Deignan wrote:

> In article <VNhcyQQI8VCH092yn@dorsai.org>,
> Steve_Coletti <bigsteve@dorsai.org> wrote:
>
> > MORE HF BANDS
> >
> > Will there be more ham bands in the future for ham radio? Possibly,
> >according to ARRL President Rod Stafford, KB6ZV.
>
> This must obviously be a mis-print. According to His Most Omniscent,
> Carl, everyone in existance wants our HF bands. That's why we must
> flood them with millions of codeless HF licensees -- to "protect"
> them.

I don't recall that Carl was concerned specifically about the HF bands.

IMO, it is the bands on 900 MHz and up that are most valuable.
Certainly the recent FCC spectrum auctions are evidence of this *FACT*.
How many corporations are paying big bucks for HF access, Michael?

So we get some more of the garbage bands on HF...big deal.

-- "Rest enough for the individual man - [but] too
Kevin Jessup much or too soon and we call it Death. But for
software engineer MAN, no rest and no ending. He must go on,
Marquette Medical Systems conquest beyond conquest...and when he has
http://www.mei.com conquered all the depths of space and all the
kevin.jessup@mail.mei.com mysteries of time, still he will be beginning."
PGP encrypted Email preferred -- H.G. Wells, Things To Come

6136. Re: Need GE and Motorola Information

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct31.174149.5174@ke4zv.atl.ga.us>
Source record: 213662

In article <199610301759.LAA16706@aegis.nitco.com> macmike@netnitco.NET (Mike Hughes) writes:
>I recently purchased some GE Mastr II's and some Motorola Micors that I
>have been told will go to the 2 Meter band. Has any one had any
>experience they could help me with on these. The Mastr II's are 8
>frequency mobiles with scan heads. Need info on where to get crystals. We
>want to take a couple and convert to a repeater. Any one done that? If so
>wiring would help as well as time - out timers and Iders, etc.
>Also want to put some on Packet. Any help would be greatly appreciated.
>Also we got some standard mobile units for 6 meters need to find where to
>order the Eproms to change them over.

The Mastr II makes an excellent repeater. Crystals can be ordered from all the usual sources (Jan, Bomar, International, etc). You need a service manual, and those are still available from GE/Ericsson. Basically what you want to do is make the receiver live all the time, split the RF for Rx and Tx, and add a controller. I use the S-Comm 5k. It's a good basic controller. There are notes in the manual telling you how to interface to a Mastr II.

Note: when you split RF, be sure to leave the final harmonic filter in place (it's integrated with the TR relay). Just pull the receiver connection out separately to another coax connector. To make the receiver live all the time, you just need to jumper one connection controlling receiver A+. This will be obvious in the manual.

Micors can be made into good repeaters too, but they are better suited to packet. The Mastr II uses PM while the Micor is direct FM. That makes it easy to modify for 9600 baud. To make it a packet repeater, a bit regenerator (available from TAPR) can be added between the receiver discriminator and transmitter varactor modulator. Use a TNC Teed off the receiver to supply COR (via its DCD circuit), and let its firmware handle CW ID. TNC2s already have a timeout timer, so that takes care of that too. Otherwise the same steps as are used to make a Mastr II a repeater are followed. Make the receiver live all the time, and split Rx and Tx RF.

I'm not sure you can still get new service manuals from Motorola for the Micor, but there are plenty of used manuals floating around. Check at any hamfest.

Both radios have sufficient internal shielding to function as repeaters. You don't need to split them out to separate boxes. Just be careful how you route the receive coax, use double

shielded cable, and be sure to use a hood on the chassis
connector. Turn down the output power too (there's a power
control adjustment). That'll make them run cool and live a
long time. I usually turn them down about half way, IE down
to about 50 watts for a Mastr II.

You won't need control heads or cables for either radio,
so you can discard those. And you won't be using much of
the original control board in the radio either. Control
will be handled by the controller, or by the TNC.

You'll need a good duplexer too, of course. DB Products, Sinclair,
and Tx-Rx Systems make suitable ones. If you'll be putting it up
on a high RF site, be sure to add a circulator to the Tx too.
That'll make you a good neighbor to the other repeaters on the
site.

Gary
--
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Lawrenceville, GA 30244 | |

6137. Re: SCREW THE CODE!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct31.174846.5257@ke4zv.atl.ga.us>
Source record: 213663

In article <5590rl$d76@news2.ais.net> carl@ais.net (Carl Stevenson) writes:
>In <3268CE63.672@alfano.com>, Sam Afano <sam@alfano.com> writes:
>>Myself, I don't build radios nor repair them. I don't really care how
>>tubes and transistors work, nor give a hoot about building homebrew
>>stuff.
>
>Then you're not *really* a ham ... you're a CBer who knows the code ...
>
>>To me, Morse code is something that should be a requirement, and if
>>nothing more, is a filtering system that seperates the serious ham radio
>>candidate from the "not quite as serious" candidate.
>
>If what you said above is true, YOU'RE not serious about ham radio ...
>you're just a "talker" ...
>
>It's truly sad that ham RADIO is being taken over by people like you
>that have no interest in RADIO ...

Amen, Carl. It isn't necessary to homebrew to be a ham, but a person
who doesn't even want to know how a radio works isn't a ham. He's
just a "communicator" who really belongs in another radio service.

Gary
--
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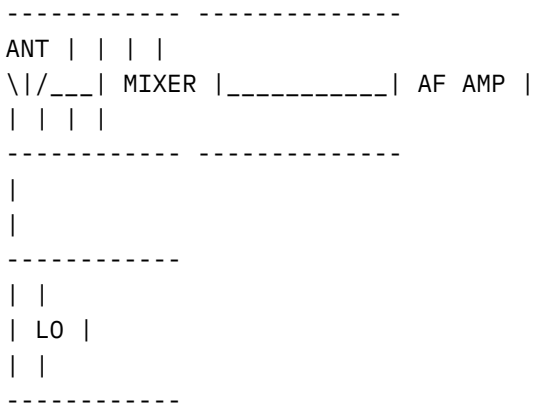
6138. Re: DIRECT CONVERSION RECEIVER

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct31.180931.5409@ke4zv.atl.ga.us>
Source record: 213664

In article <558kvb$4hn@melody.waverider.co.uk> jasont@waverider.co.uk writes:
>Can anyone offer me some help PLEASE!!!
>I am currently a student studying for an HND in communications/electronic
>engineering and I have decided to build a Direct Conversion H.F. short wave
>receiver. The problem is that, I have never built one before and this subject is fairly
>new to me. Can anyone offer me some support (hints, circuits, ideas) which will
>enable me to build this type of receiver?
>Many thanks.

Jason, a DC receiver is one of the simplest receivers to build,
and one of the harder ones to get to work well. Basically it
will look like this,



There are three circuits, the mixer, the local oscillator, and
the audio amplifier. The mixer can be a diode ring mixer like
the SBL-1, or it can be a Gilbert cell mixer. The LO is tunable,
and is often a Colpitts circuit. The audio amp is the heart of
the receiver. It has all the receiver's gain and selectivity,
such as it is, built into it. Often it is a couple of cascaded
opamps used as state variable filters and gain blocks driving
a LM380. A discrete transistor may be used at the input to set
the noise figure.

You often want to add one more circuit. This is a preselector
filter between the antenna and the mixer. This keeps strong
local signals, like AM broadcasters, from getting into the
mixer and rectifying there.

The key is the audio amp. It has to have gobs of gain, be stable,
and free from hum and other noise. Usually, you'll be best running
it off a battery to keep mains noise out of it.

I'd suggest you build each of these circuits as separate modules.
Get each working properly individually before trying to combine
them.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
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Lawrenceville, GA 30244 | |

6139. Re: Digital VS. CW Testing

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Oct31.183301.5561@ke4zv.atl.ga.us>
Source record: 213665

In article <55aku4$qmb@news1.ucsd.edu> brian@nothing.ucsd.edu (Brian Kantor) writes:
>We're proposing to link a mess of repeaters using digital voice
>transmitted on 56kb digital links.
>
>"Gasp,", you say, "what a revolutionary idea!" Not hardly. It's
>exactly what happens when you pick up that telephone and call anywhere
>in the USA with it - soon, nearly anywhere in the world.
>
>The stuff to do this is showing up surplus at electro-junk stores
>priced BY THE POUND. Add a GRAPES modem and a little bit of glue
>circuity, and it's solved. After all, the telephone company was
>doing it thirty years ago, why can't hams start doing it now?
>
>No, it's not keyboard-to-keyboard, but it's digital, and it's fast
>digital, and it'll sound better than just about anything else on the air.
>And you don't need to type fast to use it. Just move your lips.
>Hams are good at that, it seems.
> - Brian

This works really well, Brian. You need good repeater controllers
to make this work right. There are a couple of controllers out there
which already process repeater audio digitally, A/D Technologies is
one local company which offers that. Using 56 kb, you can link the
controllers, forward voice mail, phone patch from any repeater in
the system, etc.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
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Lawrenceville, GA 30244 | |

6140. uk.radio.amateur FAQ - The Q's

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: Paul Turvey <paul@topsy.demon.co.uk>
Message-ID: <wGAa5BAV9KeyEwGl@topsy.demon.co.uk>
Source record: 213666
Cross-posted to: uk.radio.amateur,rec.radio.amateur.misc

uk.radio.amateur FAQ

The FAQ was last Modified on: 3-October-1996

This will be a periodic posting to uk.radio.amateur
of the questions from the uk.radio.amateur FAQ.

The whole file is now too large to be posted in full.

The FAQ is indended to point you towards sources of further
information where necessary and to Web and FTP resources.
I would welcome any constructive views on this FAQ to:
ukfaq@topsy.demon.co.uk.

The WWW version of the FAQ is available at:
http://www.topsy.demon.co.uk/radio-amateur/faq.html

By FTP from:
ftp.demon.co.uk/pub/ham/general/uk-radio-amateur-faq.zip

By mail from:
Send mail with text "send ukham.faq" to "rsgb@kirsta.demon.co.uk"

Paul Turvey G1PJJ
paul@topsy.demon.co.uk
==========

Questions

I. Obtaining a licence

1. Is a licence necessary ?
2. How do I get a licence ?
3. What are the types of licence ?
4. What is the Radio Amateur's Exam ?
5. What is the Novice Course and Exam ?
6. Where can I take these exams ?
7. What if I fail ?
8. I passed the exams, now what ?

II. Initial Operating

9. What is a callsign ?
10.What frequencies am I allowed to use ?
11. What can I transmit ?
12. How do I know what to do ?

13. Where can I buy a radio ?
14. Can I build a radio ?
15. Can I modify a radio ?

III. International

16. I have a UK licence, can I use it abroad ?
17. What is a CEPT licence ?
18. I hold a CEPT licence, how do I sign in the UK ?
19. I want to operate in the UK, I don't have a CEPT licence
20. Bringing a transceiver to the UK

IV. Morse

21. What is morse ?
22. Where do I learn morse ?
23. Do I need to learn morse ?

V. Repeaters

24. What is a repeater ?
25. How do I use a repeater ?
26. What is CTCSS (Tone squelch) ?

VI. Packet-Radio

[Editor's note: the following section is necessarily brief but I
will consider including better explanations of packet if they are
offered, would anyone care to supply an explanation of ATV ?]

27. What is packet radio ?
28. What equipment do I need for packet radio ?
29. What are the limitations of packet radio in the UK ?
30. Can I leave my packet station unattended ?
31. Can I use packet to exchange messages with Internet users ?[updated]
32. What facilities are available in the UK by packet ?
33. How do I obtain a .ampr.org IP address ?

VII. Licence Regulations

34. UK Band Plans.
35. Can anyone use my radio ?
36. I have a dual-band rig, can I use it as a repeater ?
37. My neighbour complains that he can hear my voice on his television.
38. I want to take my radio to sea / in an aircraft.

VIII. Further Advice

39. The Radio Society of Great Britain
40. The Radiocommunications Agency
Subscription Services Ltd
41. Local clubs
42. Specialist clubs [Updated]
43. Internet mailing lists

44. Internet news-groups
45. Amateur Radio on the World Wide Web
46. This and other FAQs
47. Is the callbook available on CD-ROM/WWW

IX. 73

48. Caveat
49. Credits

Paul Turvey G1PJJ http://www.topsy.demon.co.uk
0973 844283 (SMS ok)

6141. TS 790A WANTED

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: pc_honde@jet.es
Message-ID: <55af95$mto@artemis.ibernet.es>
Source record: 213708

I WOULD LIKE TO BUY AN USED TS790A OF KENWOOD FOR A SATELLITE USE.
PLEASE MAKE ME THE OFFERS TO MY E-MAIL PC_HONDE@JET.ES.
MY BEST REGARDS AND 73 DXS.
EA2AFI
PEDRO HONDEVILLE

Christian M. Hondeville Urrutibeheity

Particular de club 2 Phone: +34-4-463 0587
Las Arenas-48930 Fax: +34-4-463 0587
Spain-Espa a E-mail: +34-4-463 0587

6142. Vanity callsign update: FCC computers down

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: Sam Afano <sam@alfano.com>
Message-ID: <3278925C.1EC2@alfano.com>
Source record: 213709

```
ARLB076: FCC computer down

SB QST @ ARL $ARLB076
ARLB076 FCC computer down

ZCZC AG56
QST de W1AW
ARRL Bulletin 76 ARLB076
From ARRL Headquarters
Newington CT October 30, 1996
To all radio amateurs

SB QST ARL ARLB076
ARLB076 FCC computer down

The FCC's Gettysburg, Pennsylvania, office reports that its amateur
computer system has been down for the past two days because of
unspecified difficulties. Despite the current problems, the FCC
still hopes to begin issuing Gate 2 vanity call sign grants by the
end of this week, starting with the first-day applications now
entered into their computer system.

Hams are asked to be patient and to refrain from calling the FCC to
inquire about the status of their vanity call sign applications. The
Gettysburg FCC Office Consumer Assistance Staff is not able to
provide further details on the delay.

On a related note, due to the amateur system difficulties, no new
amateur license or upgrade grants have been released since this past
weekend.
NNNN
/EX
```

6143. KENWOOD TH-79AD(H) MODIFICATION SUCCESSFUL

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: laast21+@pitt.edu
Message-ID: <55ag9d$a2f@usenet.srv.cis.pitt.edu>
Source record: 213710
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner,rec.radio.amateur.misc

I've seen questions regarding this in all three forums, so I've crossposted.

Very recently picked up a Kenwood TH-79AD(High-Power) handheld. After searching the net for a day, and finding out not much of anything, I decided to experiment. I'm sure all of you have been looking.

The serial number (date code) on the radio is 7040-something. Brand new unit.

Despite what the original author believes(talked with him yesterday), the published mod for the 79a *DOES* work. I have a couple suggestions to add though.

First, the original mod suggests that you remove the ribbon cable. From the people who have tried this method, it seems as though they have problems with their keyboards. Chances are, the ribbon cable (which incidentally is *really* thin) is probably not being put back correctly. Suggestion #1 - LEAVE THE RIBBON CABLE ALONE.

Next, There is the MARS/CAP modification that tells you to CUT the green wire. From what I've seen and heard, you can only do the MARS/CAP modification or the wideband modification. In my opinion, unless you need specific access to 420-438mhz, I'd leave it alone. I simply did the wideband modification. I'm not going to repeat(or look up for that matter) what freq's it opens up, but I'm summarize the results. EXTENDED RECEIVE AND EXTENDED TRANSMIT.

I talked with an electrical engineer who did surface mount tech work for Panasonic. If you don't know what surface mount tech involves, THINK small. Not just small, tiny tiny tiny. He used magnifying glasses, special lights, and even microscopes to work on some units. It requires special tools.

The people I've talked with have had problems trying to desolder this diodes. THEY ARE WAY TOO SMALL AND TOO CLOSE TOGETHER.

Now listen, I'm just a regular kid off the street. I've assembled heathkit projects, and built little tone generators and the like. I don't have any surface mount experience at all. I certainly don't have the tools or the skill. After talking with this tech, he suggested that I cut the diodes off the board with an exacto knife. Didn't have one of those either. So I used one of those tiny flat head screwdrivers you buy at Radio Shack.

VERY CAREFULLY, I took the screwdriver and pressed down firmly on the legs of the diodes. This literally cut the diode from the leg soldered on the board This would normally sound hard to do, but remember these legs are a FRACTION of a millimeter. After that, I used tweezers to pull the diode off the board. BTW, the diode is glued to the board, but a firm pull removes it. I did this to the two diodes. I removed both diodes cleanly. No damage at all to the

PC BOARD.

Put back the four screws, turned on the unit and blam-o. One modified unit.

Think this is a fluke ? Think I got lucky ? Nope. A friend brought his 79AD(H) over, and he performed the mod exactly the way I had mine. BOOM, clean removal, no problems. No keyboard problems, no iradic operation. Just a clean uncensored radio.

This is not meant to be a standalone mod. Use this message as an addendum to the original modification document. Its like rel 1.5. The filename everywhere is '79a.txt' in the Kenwood directory under mods. The file structure is basically setup the same everywhere, whether it be FTP, HTTP, or gopher. mods/kenwood/79a.txt. Searching a web engine like http://www.altavista.com or http://www.lycos.com or http://www.yahoo.com will definitely yield results.

Hope this answers any questions. Thanks to Renegade.

VeeBee

6144. Re: 49er QRP Kits-HELP

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: kc7fys@aol.com
Message-ID: <55agfr$8ea@newsbf02.news.aol.com>
Source record: 213711

Yeah, don't worry. It's too early to be concerned. I got mine in Japan
and no problems. You're dealing with a good guy.
Jonathan kc7fys\7j1awl

6145. If the PC disturbs: solution.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: vmi@vmi.it
Message-ID: <55airp$4a1@qualcuno.nettuno.it>
Source record: 213712
Cross-posted to: rec.radio.amateur.dx,rec.radio.amateur.misc

Hi dr OMs & TNX for selecting this msg.

Maybe you've experienced radio disturbs from the PC.
The kind of disturbs dealt with here, are the ones
produced by PC monitors.
You immediately identify this kind of disturbs when
they disappear completely, after switching off the
monitor, even if the PC is on.

If this happens while you are connected to a DXCLUSTER,
sometimes you have to switch the monitor off to receive,
then on again to see the spots.

What I suggest is not a particular wiring or screening:
just change the spot reception philosophy.
I mean: instead of looking at the spots on the screen,
you can listen to the spots, being spelled by your PC.
How? DXHUNTER will do the job for you.

You can have the spot voice spelling either on a sound
card (Sound Blaster like) or on the PC speaker, with
good quality.
You can set DXHUNTER for a voice spell on new ones only,
or set it for a voice spell on any spot.
You can replay the last spot if you loose part of it.
Spots are spelled entirely (Call and Frequency) and a short
audio warn prompts you to get the spelling.
If your ear works better with CW than voice, you can set
DXHUNTER for a CW spell.

What do you think about it?

You can download DXHUNTER from
http://www.funet.fi/pub/ham/hf-work/
file name DXH51ENG.ZIP, size 1.1 M.
A txt file is also available (DXH51ENG.TXT) where you can
have a summary of DXHUNTER's features.

Even if you don't agree with my solution, about fighting PC
Monitor's noise, you can discover other interesting features
that may solve other problems.

73 to all, de Fabrizio (IK4VYX).
HOME radio BBS: IK4VYX@I4UJB.IEMR.ITA.EU
E-mail: vmi@vmi.it

You find me often at NO4J DXCluster during my morning and afternoon time.

6146. Packet Freqs for Orange County, CA.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: lui@netcom.com
Message-ID: <luiE05F39.GuH@netcom.com>
Source record: 213713

I'm working in Irvine and wanted to know what the local packet activity here is, i.e. 2m frequencies and nodes to connect to. At home in Alhambra (near Pasadena), I use 144.91, but that doesn't seems to work around here.

Stephen

6147. Re: Digital VS. CW Testing

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: brian@nothing.ucsd.edu
Message-ID: <55aku4$qmb@news1.ucsd.edu>
Source record: 213714

We're proposing to link a mess of repeaters using digital voice
transmitted on 56kb digital links.

"Gasp,", you say, "what a revolutionary idea!" Not hardly. It's
exactly what happens when you pick up that telephone and call anywhere
in the USA with it - soon, nearly anywhere in the world.

The stuff to do this is showing up surplus at electro-junk stores
priced BY THE POUND. Add a GRAPES modem and a little bit of glue
circuity, and it's solved. After all, the telephone company was
doing it thirty years ago, why can't hams start doing it now?

No, it's not keyboard-to-keyboard, but it's digital, and it's fast
digital, and it'll sound better than just about anything else on the air.
And you don't need to type fast to use it. Just move your lips.
Hams are good at that, it seems.
- Brian

6148. RE: FCC

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: clint.bradford@atdbbs.com
Message-ID: <9610310829335770@atdbbs.com>
Source record: 213715

>>The FCC squandered approximately $30 million over the past year
>>in unnecessary travel.

Well, George, without telling us how you believe this to be true,
you've merely wasted a couple hundred bytes of our hard drives
yourself.

6149. Re: HELP Club Problems

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanE05HsL.4I7@netcom.com>
Source record: 213716

Eugene Rippen (soundval@foothill.net) wrote:
: I would like to get some suggestions and ideas for attracting younger Ham
: to our club.

: The average age of the members at present is in the 70's. WE can't even
: get volunteers for officers because of the dwindling membership problem

How about offering classes at your club? We have a No-code Technician class running almost continuously. Not only will this attract prospective hams, but I've found that they almost always join our club as soon as they pass their exam.

I started teaching an Advanced class last night and, to my surprise, there are seven students enrolled. Our oldest student is in his early 70s, but they range from the 20s up. I plan to offer an Extra class after this one, then will get around to teaching a General class, offering each level as demand warrants in the future.

The classes are almost exclusively our source for "new blood." Without them, our membership would surely dwindle over time.

One problem is getting instructors who will commit to teaching the entire class, or having enough instructors to share the teaching load.

We also have a young fellow who made the trip from no license to Extra in less than a year. We show him off as an inspiration to all members, young and old. He's just beginning his junior year in high school!

: 1. The meetings are once a month on a Friday night. I believe this is
: one of the biggest drawbacks to getting younger members. They are either
: out with there families (Pizza parlor, etc,) or out looking for social
: companionship.

Possibly, a Friday meeting is not a good idea. That's when our club meets for its monthly business meeting. We generally draw a larger crowd whenever we have a program, and getting one for each month is no easy task.

We have a weekly gathering each Wednesday, and this is also when classes are offered. Turnout on Wednesday is generally larger because of the students being there, and because it's a good eyeball session for those who are not teaching or being students. The Friday meetings attract the hams of longer standing with the club (read: older) for the most part, and more of the young crowd show up on Wednesday.

You could see if more members would attend if the day were changed. Experience has taught me that there is no day of the week that is good for everyone. Friday has the advantage that most folks don't have to get up

early the next morning, so if the meeting runs late, it's less of a problem.

Our club currently has 180 members, but it seems to be the same 30-40 who show up. I've been Treasurer for about a year and a half, and I'm still meeting people who dutifully send in their annual dues, but show up only for certain events, such as Field Day or the picnic or Christmas party.

: 2. The 10 mile radius has about 40,000 population, 20 mile about 110,000.
: There are no other ham clubs until you get to the big city 30 miles away.

This year, a council of amateur radio organizations was established here in the San Bernardino-Riverside-Pomona area. We have 15-20 radio clubs in the immediate area, and several of our members belong to two or more of these organizations.

: 3. The local High School has no ham club.

Only Redlands HS has a club, to my knowledge; and a mighty fine one.

: 4. I don't know if the local Community College (15 Miles) has a club.

Those around here don't, as far as I know. These things usually come and go for want of a faculty sponsor who is also a ham.

: 5. What about sending a direct mailing to the younger hams? Did any club
: try it? Did it work?

We get a prospect list of new hams from ARRL each month. Our newsletter editor mails each of them a copy of our newsletter.

I suppose I should start asking
new members how they heard of our club, to test the effectiveness of this approach.

: 6. Some of us (myself included) still use and appreciate tube type gear.
: Can this be turned into an attraction, or is it a negative for attracting
: younger Hams?

Same here. We have 4-5 of us who are boatanchor enthusiasts. One younger member (high school junior) joined our ranks recently, because his first radio for HF, as a General, is a Swan. Actually, there are more than 4-5 of us, but that's the number who most often sit around and talk about older gear.

I wouldn't say that it's a negative; just that newer hams don't get much exposure to vacuum-tube theory on their exams.

We have some older Hallicrafters and Collins gear that was donated to the club by the widow of a SK. We often fire it up, and use it to make contacts. If you use it, you'll get some attention. We will be having a special event to celebrate the 50th anniversary of our club, and we'll be using this older gear, right along with our IC-706 and Kenwood .

: 8. My personal thoughts are that the days of rag-chewing-hamming are on
: the way out, as far as that being the main interest, as that is replaced

: by internet. I think it has to be some reversion to the technical side,
: including home brewing. What can a club do here?

We formed a Technical and Operations Committee. This group is responsible for teaching theory and operating practice, as well as maintaining the club's equipment, and running Field Day and special events.

Unfortunately, all too many of our members are taken with packet; not so much the Internet.

: 9. Morse Code can be made an attraction. The challange of distant
: communications with minimum power. But, this is pushing. It is still
: unfavored by most new hams. How can a club make it more interesting?

Again, show how it's useful. Using the older equipment seems to punctuate the point. We also teach code classes on Wednesday evenings.

Hope this is helpful, Gene. Let me know if I can answer anything more specifically.

73 de Jim - KF6CR

6150. Re: CT by K1EA--FT1000MP

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: aa2du@netcom.com
Message-ID: <aa2duE05Hs9.KwD@netcom.com>
Source record: 213717

Bob (w5tkb@airmail.net) wrote:
: Not sure where to post this question. Can't contact K1EA/Harvard etc.
: BBS seems down and phone number in my operators manual has been
: disconnected! Anyone got updates so that FT1000MP will run on 9.01a??
: Where can I get update? VE7TCP also seems out to lunch.
: Bob
: w5tkb@airmail.net

Bob: CT version 9.27 works fine with the FT-1000MP. If you are a registered version 9 user, you can download an update from the CT BBS. They have recently moved and the new number is (603) 878-1900. I hope this helps you.

73, J.P. AA2DU

--
J.P. Kleinhaus, AA2DU
ARRL Hudson Division C.A.C. Representative
E-mail: aa2du@netcom.com
Compu$erve: 74660,2606

It's not a bug...It's a feature!!

6151. Re: Ham Poll results As of 10/30 "Why aren't you an ARRL member?"

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanE05IDr.5D8@netcom.com>
Source record: 213718

wb6siv (wb6siv@telis.org) wrote:
: The question for October/November 1996:

: Why Have You Not Chosen To Join The ARRL?

: Less than 1/3 of all ham radio operators are members of the ARRL. The
: question for this month is
: directed to those of you who are not members.

: From the list of possible reasons below, select the reason that best
: describes why you have not
: chosen the join the ARRL.

: The results:

: The dues are too high. |********** 19

In case everyone hasn't heard, dues go up next year, from $31 to $34.

73 de Jim - KF6CR

6152. Re: 'Nother Pro-code Lud

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: carl@ais.net
Message-ID: <558tvs$d76@news2.ais.net>
Source record: 213719

In <8CAD255.014C000FA1.uuout@cencore.com>, forrest.gehrke@cencore.com (FORREST GEHRKE) writes:
>CS> Can also accurately be used to refer to pro-code fanatics who insist
>CS> (despite the overwhelming body of technical evidence to the contrary
>CS> that "CW is best and gets through where nothing else will."
>
>Please cite the "overwhelming body of technical evidence"
>that CW does *not* get through where nothing else will.

There are many digital modes that will provide 100% error-free copy at signal to noise ratios where CW signals long since ceased to be hearable by ANYONE ... even the most skilled CW op cannot copy what can't be heard.

PACTOR is one, there are others in existence, and many more yet to be invented by clever hams, if we are given the opportunity to conduct such experiments ...

Carl - wa6vse
carl@ais.net

6153. Re: The final debate on CW.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: Tim Raffety <Tim_Raffety@Oxy.com>
Message-ID: <3278A389.EF1@Oxy.com>
Source record: 213720
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Steve - KF2TI (Landing, NJ) wrote:
>
> In article <3277CD15.580A@Oxy.com>, Tim_Raffety@Oxy.com
> says...
> > This whole debate is a bunch of crap. Sounds to me like a bunch of
> > ..-. ..- -.-. -.- .- .-.. .-.. ..-
> >
> > -.-. -... . .-. ... .-.-.-
> >
>
> - ... -.- - ... -.- !!!
>
> --
> Steve - KF2TI (Advanced Class & Damned Proud of IT!)
> ARRL LIFE MEMBER
>
>

-.. --- | ..- | - .... .. -. -.- | .- .-.. .-..

- .... | -... .- -... -.-- ... | -.-. .- -.

- .- -.- . | .- .-.. .-.. | - ....

-.-. --- -.. . | ..--..

6154. Re: The final debate on CW.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: jwkelley@e4e.oac.uci.edu
Message-ID: <55aqms$rnd@news.service.uci.edu>
Source record: 213721
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <3278A389.EF1@Oxy.com>, Tim Raffety <Tim_Raffety@Oxy.com> wrote:

>> In article <3277CD15.580A@Oxy.com>, Tim_Raffety@Oxy.com says...
>>> ..-. ..- -.-. -.- .- .-.. .-.. ..-

>>> -.-. -... . .-. ... .-.-.-

>-.. --- | ..- | - .... .. -. -.- | .- .-.. .-..

>- .... | -... .- -... -.-- ... | -.-. .- -.

>- .- -.- . | .- .-.. .-.. | - ....

>-.-. --- -.. . | ..--..

Pretty much typical of what we might copy on top of a phone QSO on 75
meters. Nicely smithed articles Tim. I guess now we know who's
generating the QRM on 75. Thanks.

AC6XG

6155. morse code keyer with recorded message?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: erc@-----no-spam-----cinenet.net
Message-ID: <32d56bff.838637236@nntp.ix.netcom.com>
Source record: 213722

I need a fancy morse code keyer which can record a message. I don't
really know what kind of stuff is available, because I've been out of ham
radio for decades. But what I need is basically something you can key
a message into, and then play it back endlessly. It would be connected
to the equipment in place of an ordinary morse code key. (Assuming
ordinary morse code keys are still used.)

-- Eric Smith erc@cinenet.net

6156. Re: TDD codes

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: <>
Message-ID: <55auab$3ebe$1@news-s01.ca.us.ibm.net>
Source record: 213723

In <1996Oct27.214746.16989@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>In article <54uvo8$r61@news.asu.edu> wmunsil@aztec.asu.edu (WILLIAM W MUNSIL) writes:
>>
>>Does anyone know the codes for TDD - teletype devices for the deaf?
>>Is it standard ASCII or some other code? What speed do they use?
>>73 es Tnx.
>>I would like to use my modem on the phone with deaf friends.
>
>I seem to recall, and this is just from memory of a deaf friend's
>setup long ago, that the TDD service is Baudot, similar to HF RTTY,
>45.45 baud. That may have changed now with the advent of the PC.
>
>Gary
>--
>Gary Coffman KE4ZV | You make it, | Due to provider problems
>Destructive Testing Systems | we break it. | with previous uucp addresses
>534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
>Lawrenceville, GA 30244 | |

Hi,
Didn't see the original post. It's a 5 bit baudot code. Most of the TDD devices were like old Model 15 teletypes. I worked on a modem a very long time ago and I seem to recall the mark / space frequencies were pretty close to the 170 HZ shift on 300 baud modems.

I'm guessing that are looking for a way to connect a computer to a TDD line, There are some commercially available units that do this. If you can latch onto an old 300 baud 'cradle' acoustic modem, you're not that far from be able to accomplish it. You need to (1) get on the same audio frequency pair. (2) Be able to build a 'lookup table' to translate the baudot to ascii, back to baudot. I think a slick way to do it, would be with a soundblaster, but haven't given it much thought over the last 15-16 years. The baudot code might be in the ARRL hand book. It used to be in that little blue and white TTY primer.

best 73's Jim WD9AHF

6157. Re: Stuck in Vanity Gate 2?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: dhavlena@edcen.ehhs.cmich.edu
Message-ID: <5591va$d4i@edcen.ehhs.cmich.edu>
Source record: 213724

In a previous article, jobes@tigger.jvnc.net (BJ) says:

>Anybody hear why the Monday and Tuesday FCC.ftp postings are blank?
>All vanity update sites still show Monday am as last update (with
>weekend filings.)
>Did a Gettysburg ghost do this as a Halloween prank?
>
>

Hi from the Straits of Mackinac

FCC computer system is down -- see current arrl bulletin.
Claim FCC is still aiming at getting something out by week's end.

73 Dennis Havlena - W8UR
dhavlena@edcen.ehhs.cmich.edu

web-page http://edcen.ehhs.cmich.edu/~dhavlena/

6158. Re: Wanted Used (but working) T1 Channel Banks

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: bohnovic@worldnet.att.net
Message-ID: <327902a2.7154989@netnews.worldnet.att.net>
Source record: 213725

rhelton@netcom.com (Richard Helton) wrote:
The Office Channel Unit (OCU) is located in the telephone companies
central office. A CSU is located at your data equipement, not a DSU.
DSUs are used with private line sub-rate digital circuits not with
T1.5 channels.
A CSU monitors the T1.5 line and records faults as they occur. These
faults are stored in registers that the telephone company can remotely
read. The CSU also allows the telco to remotely loop-back the T1.5
circuit for tests.

John in Pembroke Pines, FL

>
>: Well I guess I should have stated that I was assuming that the object
>: was to multiplex 24 digital signals. In that case the the analog
>: portion would not be needed.
>
> A channel bank uses T1, a 1.544Mbs signal that is full duplex. A T1
>consists of 24 channels in the US and depending on the T1 signalling choosen
>can run 24 56K or 24 64K DATA channels.
>
>The channel cards allow you to select for a wide range of
>telecommunications needs. Typically for data you would have an Office
>Channel Unit in the channel bank and a DSU at your data equipment.
>
>If you are working with eithernet, there are a ton of ethernet to T1 muxs
>available.
>
>Hope this helps you!
>--
> rhelton@netcom.com

John/K8PXG in Pembroke Pines, FL

6159. Re: Vanity callsign update: FCC computers down

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: <>
Message-ID: <55b116$3ebe$2@news-s01.ca.us.ibm.net>
Source record: 213726

In <3278925C.1EC2@alfano.com>, Sam Afano <sam@alfano.com> writes:
>ARLB076: FCC computer down
>
>SB QST @ ARL $ARLB076
>ARLB076 FCC computer down
>
>ZCZC AG56
>QST de W1AW
>ARRL Bulletin 76 ARLB076
>From ARRL Headquarters
>Newington CT October 30, 1996
>To all radio amateurs
>
>SB QST ARL ARLB076
>ARLB076 FCC computer down
>
>The FCC's Gettysburg, Pennsylvania, office reports that its amateur
>computer system has been down for the past two days because of
>unspecified difficulties. Despite the current problems, the FCC
>still hopes to begin issuing Gate 2 vanity call sign grants by the
>end of this week, starting with the first-day applications now
>entered into their computer system.
>
>Hams are asked to be patient and to refrain from calling the FCC to
>inquire about the status of their vanity call sign applications. The
>Gettysburg FCC Office Consumer Assistance Staff is not able to
>provide further details on the delay.
>
>On a related note, due to the amateur system difficulties, no new
>amateur license or upgrade grants have been released since this past
>weekend.
>NNNN
>/EX

There are some new notices on QRZ daily reports but no Gate 2 stuff. They must
getting those bugs out in anticipation for Gate 3.

Jim

6160. Re: The final debate on CW.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: bgeiger@yhc.EDU
Message-ID: <199610310301.WAA04464@hoboken>
Source record: 213727

cheer Burt (Why did I do that? Maybe because of his elegant summary as to
the virtues of CW.)
--*** ***--

Benjamin Geiger, bgeiger@yhc.edu
==========
DOS: n, A small, annoying boot virus that causes random spontaneous system
crashes, usually just before saving a massive project. Easily
cured
by Linux. See also: MS-DOS, PC-DOS, DR-DOS.
==========
Linux- the OS people choose without $300,000,000 of persuasion.

6161. Help -> Motorola MT700

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: richard@rac.pass.theplanet.co.uk
Message-ID: <846790529.29332.0@d16.modem.planet.internet.co.uk>
Source record: 213728
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Hi,

I wonder if anyone has (or knows where i can get hold of)
technical information for a Motorola MT700 FM handi.

I've got one of these units at present, it cost me a couple
of pounds at a local car boot sale, it seems to be working fine.
TX is 461.625 / RX is 456.125 with a 110.9Hz tone squelch unit.

I'm interested in converting it down onto my local 70cms repeater
freq. (433.325) and would be grateful if anyone can give me
some info.

Cheers,
Richard

6162. Ham Radio Club website

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: Dave Hockaday <wb4iuy@ipass.net>
Message-ID: <32793A40.453C@ipass.net>
Source record: 213729

I maintain a page cluster for our Ham Radio club at http://www.ipass.net/~teara/ .
Please stop by and give it a look.

--
Dave Hockaday WB4IUY
wb4iuy@ipass.net

6163. FCC

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: NDQS46A@prodigy.com
Message-ID: <55b5t9$19ve@usenetp1.news.prodigy.com>
Source record: 213730

Few in the amateur community are yet aware that with the
closing of all 15 FCC monitoring stations that the FCC has completely
abdicated its congressionally mandated responsibility to monitor &
regulate the spectrum.
Discussions of "remote monitoring" schemes are just that, schemes
to fool Congress and the public. There IS no more spectrum
monitoring capability, Chairman Hundt's lies notwithstanding.
Character & integrity left the FCC with the appointment of
Reed Hundt to Chairman by his college buddy Clinton.

6164. FS Motorola HT600 VHF

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: Jerry Tannhauser <jtann@net1.smrn.com>
Message-ID: <Pine.BSI.3.91.961031102754.26265A-100000@net1.smrn.com>
Source record: 213731

FOR SALE

Motorola

HT 600

PC programmable

6 channels

4 watts

136-151 mhz

complete with battery,charger,antenna

3/ea available

$200.00/ea + shipping

Great for Ham,Cap.Mars

Reply to jtann@smrn.com

6165. Re: Earn it, or GET THE BEEP OUTTA HERE

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <55b68i$1pj@anomaly.ideamation.com>
Source record: 213732

In article <559r64$cq5@lehi.kuentos.guam.net>,
Jim Kehler <pacrimgolf@kuentos.guam.net> wrote:

>This argument is quickly growing very lame, Rich. So in the United States
>there are two dozen guys on 80 meters raising hell, and on 14.313 there
>are two dozen more fighting with the sailboat/phonepatch group. So what.

Not to mention that the problem with HF is that only a few people have a
much wider impact due to propagation characteristics of the band. You can
have 5 people cause problems for 500,000. You cannot do that on 2 meters.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

6166. Re: The final debate on CW.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <55a5me$1go@anomaly.ideamation.com>
Source record: 213733
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <5591f8$d76@news2.ais.net>, Carl Stevenson <carl@ais.net> wrote:

>There is NOTHING to be served by forcing us to learn something we will
>never use ...

There is NOTHING to be served by forcing me to learn RTTY, which I will
never use...

There is NOTHING to be served by forcing me to learn packet, which I will
never use...

Hmmm. We can use that logic to eliminate everything....

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

6167. Info on KLM 2M amp wanted

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: cjs9@cornell.edu
Message-ID: <55a9ma$v7@newsstand.cit.cornell.edu>
Source record: 213734

I am looking for information and hopefully a schematic for a KLM PA
10-140BL amp.
Thanks
email me at cjs9@cornell.edu

--
Carl (Ex-Jarhead) Semper-Fi
KB2SGX -.- -... ..--- ... --. -..-
"For those who fought for it, freedom has a flavor the protected will
never know"
Unknown Marine, Khe Sahn, Viet Nam

6168. Re: Gate Two Day One ready?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: jobes@tigger.jvnc.net
Message-ID: <E051xv.Bx2@tigger.jvnc.net>
Source record: 213735

jbmitch@vt.edu (John Mitchell) wrote:

>Had a report from a ham who called FCC on Friday, 10-18. The word is that
>day one callsigns will be mailed out on Monday,10-21. Still nothing on
>the servers I monitor...
As of Thursday 10-31, the word from Gettysburg is that they hope to
begin issuing Gate 2 vanity calls by the end of this week!
The data is entered, the computer seems to be working so,
5-4-3-2-1.......

6169. Heathkit: A shameless promotion for my book

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: Chuck Penson <penson@sci.mus.mn.us>
Message-ID: <32792036.4ED1@sci.mus.mn.us>
Source record: 213736

This is a shameless promotion for my book on Heathkit --Chuck
==========

Heathkit: A Guide to the Amateur Radio Products
By Chuck Penson, WA7ZZE

Reviewed: March, 1996 issue of QST magazine.

This is the definitive work on the Heath company, and a "must have" for collectors and anyone interested in Heathkits or vintage radio. The 250 page book contains:

-- a brief history of the company and its product development track.
-- a cross-referenced index to more than 160 products.
-- a comprehensive reference section to reviews, modifications, and articles found in QST and CQ magazine.
-- a product-by-product description and large, high-quality black and white photographs of every amateur radio product the company made from 1947 to 1991.

In researching the book, the author interviewed more than a dozen former employees and many of the engineers that designed and built the now classic Heath ham equipment.

$24.95 plus $3 shipping and handling.

>>> Direct orders to:

Electric Radio Press
14643 County Road G
Cortez CO. 81321

>>> Direct praise or critisism to the author:

Chuck Penson, WA7ZZE
Box 2414
St.Paul MN 55102
(penson@sci.mus.mn.us)
--
Chuck Penson
Education Division
Science Museum of Minnesota

penson@sci.mus.mn.us
612.221.4510 voice
612.224.5092 fax
http://comped.sci.mus.mn.us

Standard Disclaimer: The opinions expressed are etc. etc. ...

"Nothing is too wonderful to be true" -- Michael Faraday

6170. RE:New online survey asks--->Why aren't you an ARRL member?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: clint.bradford@atdbbs.com
Message-ID: <9610311437045805@atdbbs.com>
Source record: 213737

>I question your motives, Raymond, in posting these so-called "results"
>here for us.

JERRY>>Ray does these little "polls" to pump up his little business.

Jerry - Ray privately wrote me and explained this particular "poll" to me. He advised me that there was, indeed, a way to insert one's own Comments on this particular poll page. He was pleasant and reasonable in his Reply. Nothing commercial was mentioned...but I haven't visited his site(s) either.

6171. No 60Hz EM Hazard Proven

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: Jim Reid <jreid@aloha.net>
Message-ID: <01bbc77d$5dd06b00$6f070ccf@jim-reid-1>
Source record: 213738

From Reuters News today:

"Thursday October 31 5:10 PM EST

Report Finds Power Lines Pose No Health Risk

WASHINGTON (Reuter) - In 17 years of research, scientists have found no hard proof that electric power lines near homes are a health hazard, the National Research Council said Thursday.

"Specifically, no conclusive and consistent evidence shows that exposures to residential electric and magnetic fields produce cancer, adverse neurobehavioral
effects or reproductive and developmental effects," the council said in a report reviewing 500 previous studies.

The studies focused on health effects of magnetic fields -- considered the main potential threat --created by power lines, wires and electric appliances such
as hair dryers, microwave ovens, and computer terminals. Appliances create the highest field strengths to which people are commonly exposed.

Concern about electromagnetic fields grew after research in 1979 found that children living near
power lines had higher rates of leukemia than other children.

But the council said childhood leukemia research to date was flawed because it measured exposure
by estimating magnetic fields inside homes based on the distance of the power lines from the homes,
current and size of the wires. It said actual measurements of magnetic field strengths inside homes
showed little correlation to ratings of the wires outside the home.

"No evidence links contemporary measurements of magnetic-field levels to childhood leukemia," the
report said.

"All we can do is say living near power lines has a statistical association with childhood leukemia, but
we don't know what the cause is," said Dr. Charles Steven's, a professor at the Howard Hughes
Medical Institute and Salk Institute in California who led the 16-member panel reviewing the studies.

Calling for more research, the council said the leukemia tie might instead be due to other factors,

such as the age of homes, pollution and heavy traffic in areas near power lines.

Laboratory tests exposing animals to the low-frequency magnetic fields common in homes did not
cause cancer, even at high doses, and did not harm animal reproduction, development or behavior,
the report said.

Similarly, tests on tissues and cells found no damage from low-frequency magnetic fields. If anything,
magnetic fields might have had some benefit, aiding bone healing in animals.

"Science can never really prove that anything is safe," David Savitz, a professor of epidemiology at
the University of North Carolina, told a new conference. With this report, he said, scientists have
simply "failed to find a hazard."

But the National Research Council called for more research into the link between high exposure to
electromagnetic fields and breast cancer in animals already exposed to other cancer-causing agents.
More research is also needed on why electromagnetic fields appear to affect the levels of the
hormone melatonin in animals but not in people, it said.

The report did not discuss concerns about electromagnetic fields created by cellular telephones.

The three-year review was called for by Congress and sponsored by the Energy Department.

While utilities felt vindicated by the report, they said they hoped it would not discourage Congress
from continuing funding of a five-year joint government and industry research program on
electromagnetic fields that began in 1994.

"We've felt all along that there weren't enough lab studies," said Mary Kenkel, a spokeswoman for
the Edison Electric Institute, which represents investor-owned utilities."

6172. Re: TDD codes

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: faunt@netcom5.netcom.com
Message-ID: <FAUNT.96Oct31151115@netcom5.netcom.com>
Source record: 213739

I looked into this, once upon a time. The code is Baudot, and the
mode is half-duplex, one tranmitter at a time. A very simple modem
would do the trick, but, as I recall, no existing single chip modem
would do the right frequncies. I started working on it using a XR2206
I think, then my friend got a grant for a commercial unit.
The frequencies are simple, 1100 and 1700 sound sort of right, but I
can't remember for sure.
73, doug

6173. FCC Computer Update

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: mdowning@amberjack.rdatasys.com
Message-ID: <55bc6r$fd8@lionfish.rdatasys.com>
Source record: 213740

ARLB077: FCC computer update

SB QST @ ARL $ARLB077
ARLB077 FCC computer update

ZCZC AG57
QST de W1AW
ARRL Bulletin 77 ARLB077
From ARRL Headquarters
Newington CT October 31, 1996
To all radio amateurs

SB QST ARL ARLB077
ARLB077 FCC computer update

Once again, the word from Gettysburg is ''next week.'' Maybe it was early Halloween gremlins, but unexpected problems that have plagued the amateur computer system at the FCC's Gettysburg office all week have all but eliminated any chance that Gate 2 vanity call signs will be issued in time for this weekend's ARRL November Sweepstakes CW contest. Hams antsy to learn when they'll get one of their vanity requests have besieged the FCC with phone calls this week. A spokesman at Gettysburg said Thursday, however, that he doubts that the FCC will be ready to issue any vanity call signs until sometime next week. ''I'm 90 per cent sure it's not going to make it this week,'' he said.

Some optimism flared when October 30 grants appeared in some call sign databases, leading to speculation that the vanity call signs might soon follow. However, the FCC has announced that any grants dated after October 24, 1996, are invalid because many of them were erroneous.

The unspecified computer problems are not related to the vanity call sign program. FCC personnel in Gettysburg already have entered data from the more than 4500 first-day Gate 2 applications, and are poised to start granting licenses once the computer problems are resolved, the spokesman said. The FCC anticipates that event could happen ''by the end of next week.'' It's not known how long it will take to process all of the first-day applications, since this will be the first time the FCC has run the program using ''live'' data. Before processing, however, the FCC wants to ''be sure everything is going to work well,'' the spokesman said. In the meantime, hams are asked to be patient and to refrain from calling the FCC to inquire about the status of their vanity call sign applications.
NNNN

/EX

--
Mark A. Downing
Reply to: mdowning@rdatasys.com
http://www.rdatasys.com/~ac6pn/

6174. Vanity Call Sign Update

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: Gary Erickson <gerickso@midstate.tds.net>
Message-ID: <32796379.37C5@midstate.tds.net>
Source record: 213741

Called the FCC this afternoon at 1405 EST 10/31/96 and asked two
questions:

1. Q - Have all of the first day applications for gate
2 callsigns been entered into the system?

A - "Yes, they have."

2. Q - Are you processing them?

A - "We are waiting for the system to allow us
to run them."

6175. ham

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: johnf <johnf@cyberramp.net>
Message-ID: <327966D2.867@cyberramp.net>
Source record: 213742

http://www.why.net/users/3051

6176. TNOS v.2.20

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: rv3dhc@myhost.subdomain.domain
Message-ID: <55ag14$pi2@unisun.radio-msu.net>
Source record: 213743

HI All
eeAnyone use a TNOS v.2.20 for Ampr.Org Net? I need some help! Thanks a lot.
D
Anton, RV3DHC

6177. Learn Morse Code On-Line

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: Edward Oros <ac3l@pgh.net>
Message-ID: <327968DD.5BA2@pgh.net>
Source record: 213744

Now you can learn the International Morse Code
On-Line at http://www.qth.com/antenna
See the Morse Code Elmer.

Ed--AC3L

6178. Re: Stuck in Vanity Gate 2?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: sscherme@capecod.net
Message-ID: <55agbu$kus@dublin.bitwise.net>
Source record: 213745

jobes@tigger.jvnc.net (BJ) wrote:

>Anybody hear why the Monday and Tuesday FCC.ftp postings are blank?
>All vanity update sites still show Monday am as last update (with
>weekend filings.)
>Did a Gettysburg ghost do this as a Halloween prank?

SB QST @ ARL $ARLB076
ARLB076 FCC computer down

ZCZC AG56
QST de W1AW
ARRL Bulletin 76 ARLB076
From ARRL Headquarters
Newington CT October 30, 1996
To all radio amateurs

SB QST ARL ARLB076
ARLB076 FCC computer down

The FCC's Gettysburg, Pennsylvania, office reports that its amateur computer system has been down for the past two days because of unspecified difficulties. Despite the current problems, the FCC still hopes to begin issuing Gate 2 vanity call sign grants by the end of this week, starting with the first-day applications now entered into their computer system.

Hams are asked to be patient and to refrain from calling the FCC to inquire about the status of their vanity call sign applications. The Gettysburg FCC Office Consumer Assistance Staff is not able to provide further details on the delay.

On a related note, due to the amateur system difficulties, no new amateur license or upgrade grants have been released since this past weekend.
NNNN
/EX

Skid Schermerhorn http://www.capecod.net/~sscherme
Cape Cod, Massachusetts http://www.capecod.net/~sscherme/bookmark.htm
USA http://www.capecod.net/~sscherme/church.htm

6179. Re: Heathkit: A shameless promotion for my book

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: DAN <AD4HW@citrus.infi.net>
Message-ID: <32797292.7FA7@citrus.infi.net>
Source record: 213746

Chuck Penson wrote:
>
> This is a shameless promotion for my book on Heathkit --Chuck
> ==========
>
> Heathkit: A Guide to the Amateur Radio Products
> By Chuck Penson, WA7ZZE
>
> Reviewed: March, 1996 issue of QST magazine.
>
> This is the definitive work on the Heath company, and a "must have" for
> collectors and anyone interested in Heathkits or vintage radio. The 250
> page book contains:
>
> -- a brief history of the company and its product development track.
> -- a cross-referenced index to more than 160 products.
> -- a comprehensive reference section to reviews, modifications, and
> articles found in QST and CQ magazine.
> -- a product-by-product description and large, high-quality black and
> white photographs of every amateur radio product the company made from
> 1947 to 1991.
>
> In researching the book, the author interviewed more than a dozen former
> employees and many of the engineers that designed and built the now
> classic Heath ham equipment.
>
> $24.95 plus $3 shipping and handling.
>
> >>> Direct orders to:
>
> Electric Radio Press
> 14643 County Road G
> Cortez CO. 81321
>
> >>> Direct praise or critisism to the author:
>
> Chuck Penson, WA7ZZE
> Box 2414
> St.Paul MN 55102
> (penson@sci.mus.mn.us)
> --
> Chuck Penson
> Education Division
> Science Museum of Minnesota

>
> penson@sci.mus.mn.us
> 612.221.4510 voice
> 612.224.5092 fax
> http://comped.sci.mus.mn.us
>
> Standard Disclaimer: The opinions expressed are etc. etc. ...
>
> "Nothing is too wonderful to be true" -- Michael Faraday

I purchased a copy of Chuck's book. It is outstanding in every way!
Dan - AD4HW

6180. Re: SCREW THE CODE!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <55bnso$sq@anomaly.ideamation.com>
Source record: 213747

In article <55bh73$rb7@news2.ais.net>, Carl Stevenson <carl@ais.net> wrote:

>>Riiiiight. This coming from the guy who complains about the fact
>>that some people call anti-CW'ers "CBers".
>
>At least we're INTERESTED in RADIO ... we want to build and experiment
>and improve ... not just waste time and spectrum doing NOTHING but
>yacking and playing games ...

Once again, the techno-bigot comes to the forefront.

There are plenty of non-technical activities associated with amateur radio. Emergency communications is a good example. One does not need to have an understanding of how the "internals" of the radio works to be a valuable asset to the amateur community in this regard.

Whenever I read through QST and see a story about hams providing public-service communications (Red Cross or public events) or emergency communications (such as after Hurricane Andrew) I do not get the sense that these people contributing to "the cause" are a bunch of techno-wizards out "roughing it". Rather, I get the impression that they are a cross-section of Americana attempting to make a contribution in a way that they see fit.

In this respect, I find your comments insulting and degrading to a large portion of the amateur community. This seems to be nothing new with you, as you seem intent on insulting the very core of people you somehow want "support" from for your codeless HF license idea. With this type of obnoxious attitude, its any wonder that you have friends at all -- of course, they're probably all a bunch of techno-bigots looking down on the rest of society like you do.

Amateur radio is about more than technology. Its about >communication<. Communication is something that you seem incapable of doing. I recommend that you get a hobby that you will find more personally rewarding. Perhaps going around kicking small animals will be more personally enriching for you.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

6181. Re: The final debate on CW.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <55bnvm$tk@anomaly.ideamation.com>
Source record: 213748
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <55bemq$alp@news.service.uci.edu>,
James W. KELLEY <jwkelley@e4e.oac.uci.edu> wrote:

>Oh wait....they don't have
>separate elements for RTTY or Packet! Quite a disparity in mode testing.

40% of all amateurs on HF don't operate RTTY or Packet. 40% of all
amateurs on HF do operate CW.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

6182. Re: Stuck in Vanity Gate 2?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: cvictor@hooked.net
Message-ID: <559ebk$g8c_004@news.hooked.net>
Source record: 213749

Must be all those 12AX7's are flat in the FCC's computer!!!!

(Just like the one's that the FAA system runs on....)

WA6SUY

>Hi from the Straits of Mackinac
>
>FCC computer system is down -- see current arrl bulletin.
>Claim FCC is still aiming at getting something out by week's end.
>
>73 Dennis Havlena - W8UR
>dhavlena@edcen.ehhs.cmich.edu
>
>web-page http://edcen.ehhs.cmich.edu/~dhavlena/
>

6183. Re: FCC Draft OET Bulletin #65

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: "Robert A. Kile" <midnight@accessnv.com>
Message-ID: <32798976.1D2D@accessnv.com>
Source record: 213750
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc

Gary Coffman wrote:

> In particular, I think that users of handheld equipment which
> may expose them to RF fields in excess of the standards should be
> required to acknowledge that they are aware of the hazard and
> that they waive all right to make liability claims on anyone
> but themselves for any ill effects that may arise from operating
> the devices.
>
> You critcize the regulations for making operators "second class
> citizens" by allowing them to be exposed to higher RF levels
> than non-operators. I disagree. The regulations allow operators
> to make an informed consent decision to voluntarily expose
> themselves to a higher level of RF in return for the perceived
> benefit that they receive from such operations. Taking personal
> responsibility for one's actions and exercise of freedom of
> choice, what novel concepts. Perhaps there is some hope for
> government after all.

Mr. Coffmans point is well thought. I to feel that the subject should be revisited in the near future. It is unfortunate that the league has chosen to ignore the topic for over a decade..

Bob Kile, KG7D

6184. Re: 'Nother Pro-code Luddite

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <55ba81$209@anomaly.ideamation.com>
Source record: 213751

In article <199610310744.CAA06366@hoboken>,
Benjamin Geiger <bgeiger@yhc.EDU> wrote:

>Sure, there are modes that may be able to get through QRM easier, but how
>many of those modes can be home-brewed by the normal user??? How many of
>those modes DON'T require a computer?

It is pretty funny to watch what happens to digital modes during a long-term
power failure.

After our last major hurricane, it was amusing the watch the packet
stations all go down one-by-one as the computer systems that ran the
backbone drained their backup battery supplies.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

6185. Re: Packet Freqs for Orange County, CA.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: jemendenhall
Message-ID: <55baqg$bld@phoenix.dse.beckman.com>
Source record: 213752

lui@netcom.com (Stephen Lui) writes: > I'm working in Irvine and wanted to know what the local packet activity
> here is, i.e. 2m frequencies and nodes to connect to. At home in Alhambra
> (near Pasadena), I use 144.91, but that doesn't seems to work around here.
>
> Stephen
try the freq. of 145.090
73's ke6whn

6186. Re: TDD codes

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: haynes@cats.ucsc.edu
Message-ID: <55be1v$srp@darkstar.ucsc.edu>
Source record: 213753

There is some software at various ftp sites to enable a PC to send and receive Baudot.

There is a description of the modem, I think, in the comp.dcom.telecom archives. It isn't normal FSK. The trick with TDD is that the modem tones go off when you aren't sending, so there is automatic send/receive switching.

6187. Re: The final debate on CW.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: carl@ais.net
Message-ID: <5591f8$d76@news2.ais.net>
Source record: 213754
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In <334@ibbs.av.org>, js@ibbs.av.org (Jeff Stillinger) writes:
>
>The people that want to see
>code go away are for the most part lazy. Plain and simple.

No, many of us are technical professionals with many years of directly applicable experience who would like to work on advanced communications methods, hardware, protocols, etc. and have NO interest in EVER using the code.

There is NOTHING to be served by forcing us to learn something we will never use ...

There is MUCH to lose by causing us to devote our attention and spare time activity in other areas ... YOU lose ... ham radio loses ...

Carl - wa6vse
carl@ais.net

6188. RE: TS870S Mods

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: N9MSS@msn.com
Message-ID: <00001fef+0000538a@msn.com>
Source record: 213755

Send an SASE to me and I'll give you the Mars/Cap mod.

Robert Young N9MSS
601 Park Street
Waterloo, IL 62298

73 de N9MSS Bob

6189. Re: Earn it, or GET THE BEEP OUTTA HERE

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <559r64$cq5@lehi.kuentos.guam.net>
Source record: 213756

mulveyr@ll.aa2ys.ampr.org (Rich & Katy Mulvey) wrote:

>For the past few nights I've been listening to 80M SSB. I
>heard operators call each other "asshole", intentionally interfere
>with a Spanish QSO in progress because they didn't want any "spics"
>on *THEIR* frequency, not to mention the numerous references to
>this or that "bitch." Do I need to get into the extra-class op
>who was counseling a new General that he didn't need to use
>a counterpoise (or, as he put it, "Them wires hangin' off'n the
>bottom) on his new vertical? Is *THAT* the level of expertise
>that we're looking to strive for?

This argument is quickly growing very lame, Rich. So in the United States there are two dozen guys on 80 meters raising hell, and on 14.313 there are two dozen more fighting with the sailboat/phonepatch group. So what. Don't listen, and it won't bother you any more.

Ham radio isn't any different than any other group of people. If you want perfect people, turn off the radio and go to Sunday School.

>I spend most >of my time using CW on HF, but, quite frankly, I'm
>getting quite tired of the RST/WX/QTH QSO's. When I attempt to
>bring up a new subject, my questions are usually ignored, or the
>other op's XYL suddenly needs them, urgently.

Could be several explanations for that phenomenon. First, maybe you are being ignored when you ask questions because your sending is so bad the other guy can't figure out what you sent. Second, mosts hams are pretty boring people. You have to really do some hunting around to find someone interesting to talk to. Maybe YOU are boring, that's why nobody wants to talk to you. Hard to tell, since I haven't heard you on the radio, but those are some possibilities for you to ponder.

>On the VHF+ bands, on the other hand, I can *always* find someone
>who wants to talk intelligently about construction, a new digital mode
>to try out, or even, *gasp*, something other than radio and the
>traffic conditions on the expressway.

Well, there you go. Turn on the VHF radio, and turn off the HF radio. That's how ham radio is supposed to work, you go do the part that YOU think is the fun part, and live happily ever after.

73, Jim KH2D

6190. Re: SCREW THE CODE!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: kd1hz@anomaly.ideamation.com
Message-ID: <55ba38$1vh@anomaly.ideamation.com>
Source record: 213757

In article <5590rl$d76@news2.ais.net>, Carl Stevenson <carl@ais.net> wrote:

>>Myself, I don't build radios nor repair them. I don't really care how
>>tubes and transistors work, nor give a hoot about building homebrew
>>stuff.
>
>Then you're not *really* a ham ... you're a CBer who knows the code ...

Riiiiight. This coming from the guy who complains about the fact
that some people call anti-CW'ers "CBers".

>If what you said above is true, YOU'RE not serious about ham radio ...
>you're just a "talker" ...

Pot. Kettle. Bang.

MD
--
--
-- "Guns don't kill people. I kill people." -- T-shirt slogan
--
-- If you don't like my opinions, that's just too damn bad.

6191. Re: Reply to Spam accusation

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: Ian Riddler <icr@benmore.ecnz.co.nz>
Message-ID: <3279038E.2E10@benmore.ecnz.co.nz>
Source record: 213788
Cross-posted to: rec.travel.cruises,rec.travel.air,rec.sport.tennis,rec.sport.snowmobiles,rec.sport.hockey,rec.roller-coaster,rec.radio.shortwave,rec.radio.amateur.misc,rec.puzzles,rec.pets.dogs.misc,rec.outdoors.fishing.fly,rec.music.rem,rec.music.opera,rec.music.marketplace.vinyl,rec.music.makers.guitar.acoustic,rec.music.dylan,rec.music.artists.kiss,rec.motorcycles.dirt,rec.models.rockets,rec.games.video.classic,rec.games.video.advocacy,rec.games.roguelike.nethack,rec.games.frp.misc,rec.crafts.textiles.quilting,rec.crafts.metalworking,rec.collecting.dolls,rec.collecting.coins,rec.boats.paddle,rec.boats,rec.bicycles.racing,rec.bicycles.misc,rec.autos.makers.honda,rec.arts.sf.movies,rec.arts.movies.past-films,rec.arts.marching.drumcorps,rec.arts.bodyart,rec.aquaria.marine.reefs,rec.antiques.radio+phono

Chet Doboe wrote:
>
> >Chet:
> >
> >You posted this in at least 30 arbitrary and unrelated newsgroups.
> This
> >is called spamming, and is very extremely rude in terms of Internet
> >etiquette.
> >
> >Please stop now and don't do this again. I'm writing you in the hopes
> >that you're simply clueless and not a habitual spammer. If I thought
> >otherwise, I would send my complaint to your service provider. When a
> >service provider gets over a thousand or so complaints about one
> >account, they tend to figure that that account is not worth the
> trouble,
> >and that account tends to go away. That's how this Internet thing
> works;
> >you have been warned.
> >
> >--dan fox
>
> Dear folks, Just a quick note to say that I only posted my note to a
> Drum Corps user group and Percussion user group...(Sounds logical?---it
> was a drumming event announced). I have no clue how my post could be
> posted to user groups that are------ irrelevent to my to my subject
> matter------ user groups for the most part that I have no personal
> interest in --and many groups that I didn't even know existed
>
> I think somebody is somehow using my access or something. I find this
> whole mess very depressing. I would appogize, but honestly I have no
> clue as to how I could be responible for these multiple posts to sites
> that have no relevance to my topic.(none of these groups are in my
> address book) I do regret that so many people are upset, but I assure
> you that I AM NOT in any way knowingly resposnible. I do feel very
> depressed about this situation, and I hope you all can be compassionate
> about my predicament..
>
> Sincerely

> Chet Doboe
> >

Looks to me like you hit Re:news on someone else's spam.
Bad luck...
Try To: news next time.

Cheers!
--
Ian Riddler | If I were a landing thruster,
e-mail : icr@benmore.ecnz.co.nz | which one of these would I be?
No Junk e-mail please! | - Londo Mollari <*>

6192. Re: 'Nother Pro-code Luddite

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: carl@ais.net
Message-ID: <558t48$d76@news2.ais.net>
Source record: 213789
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In <1996Oct17.155728.3263@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>In article <3264F50B.79C4@liant.com> barron@liant.com writes:
>>Carl Stevenson wrote:
>>> There's nothing wrong with "wires in the tree" ... but they should be
>>> considered (at least partly) to be part of a WAN, not an isolated voice
>>> in the ether ...
>>
>>I'm sure that you do not mean to imply this Carl but it almost sounds
>>like you advocate the removal of all modes of communication except
>>computer. Packet is one of my favorite modes and I am working to get
>>higher speed packet here is Austin but I would never make a claim that
>>other modes (SSB, FM and even CW) are somehow worthless and should be
>>done away with. To me, they are *all* fun and each provides a learning
>>experience as well.
>
>I won't presume to speak for Carl (and we might not agree anyway),
>but I think the WAN model is an appropriate way to think about how
>we interact on our amateur bands. This goes beyond digital modulation
>versus analog modulation and delves into areas amateurs infrequently
>consider. The WAN model applies because we don't operate in isolation.
>Everything we do affects others, and everything that they do affects
>us. In the WAN model, we attempt to work together in ways that maximize
>the utility of the WAN for *all* users, not just for our selfish
>purposes. Though as part of the aggregate, we will ultimately benefit
>as well.

I agree, Gary ...

>
>This sort of thinking comes naturally to digital networkers, but is
>somewhat foreign to analog operators. There are many cooperative
>strategies used in WANs to maximize aggregate throughput. Few of these
>are employed by amateurs operating analog modes, but many of them
>should be. When we throw that wire in the tree, we should consider
>that we are joining a worldwide WAN, and carefully consider the
>impact of our operations on others. If we use the proper strategies,
>our presence on the WAN will contribute to the aggregate throughput
>in a positive manner. If we use improper strategies, we'll reduce
>aggregate throughput, even if our own selfish purposes are served.

I agree, Gary ...
>

Carl - wa6vse
carl@ais.net

6193. Re: 'Nother Pro-code Luddite

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: carl@ais.net
Message-ID: <558te5$d76@news2.ais.net>
Source record: 213790

In <1996Oct23.135708.27038@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>
>They only bathed on Saturday night because their only change of clothing
>was their Sunday suit. This is also why perfumes were very popular, most
>folks smelled pretty ripe toward the end of the week. That same lack of
>hygene, with most people suffering from infestation by fleas, ticks, and
>lice in their filthy clothing, was why plague spread so rapidly through
>Europe before the Industrial Revolution. So you could say that the Luddites
>and the saboteurs were fighting to maintain traditional death and disease.

Sounds a LOT like the pro-code crowd ... they're "fighting to maintain
traditional things that will cause the death of ham radio through decay
and attrition ..." ... and most of their rhetoric "smells bad" ...
<grin>

Carl - wa6vse
carl@ais.net

6194. Re: 'Nother Pro-code Luddite

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: carl@ais.net
Message-ID: <558tpf$d76@news2.ais.net>
Source record: 213791

In <556ppn$dcf@news-e2b.gnn.com>, Michael Herron <GHURRICANE@gnn.com> writes:
>I don't have any problems with novice and techs using hf digital
>modes in the novice cw bands, or even allowing them to use them in
>a small area below the novice band on a shared basis.
>

Why have this class system at all? Why restrict operating privs in all
areas on the basis of proficiency in CW? (other than Code Welfare???)

Carl - wa6vse
carl@ais.net

6195. Re: Code or No Code...

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: carl@ais.net
Message-ID: <558uee$d76@news2.ais.net>
Source record: 213792

In <54bprd$jav@news.Hawaii.Edu>, jherman@Hawaii.Edu (Jeffrey Herman) writes:
>kd1hz@anomaly.ideamation.com says...
>>Carl Stevenson <carl@ais.net> wrote:
>
>> >It is well-accepted in the engineering community that there
>> >are many modulation and coding combinations that are FAR more effective
>> >than OOK Morse in the face if poor channel conditions such a fading,
>> >interference, and noise ...
>
>> That's nice. How many of these are in use in the amateur bands? How
>> many are available in commerically-available ham gear?
>
>An even better question is how many of those modes can Carl himself build
>from scratch?
>
>We're not all appliance ops like you, Carl. You're idea of homebrewing
>is to open the box, remove the packing material, plug in the rig and
>auto-tuner, and connect the store-bought antenna.

Jeff,

That is another ridiculous statement ... you know full well from my
previous posts that I am an RF design engineer (now manager of RF
engineering for a 2 billion dollar electonics manufacturing company)
with over 25 years of experience in designing everything from HF to
satellite and microwave gear ...

Carl - wa6vse
carl@ais.net

6196. Re: SCREW THE CODE!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: carl@ais.net
Message-ID: <5590rl$d76@news2.ais.net>
Source record: 213793

In <3268CE63.672@alfano.com>, Sam Afano <sam@alfano.com> writes:

>Myself, I don't build radios nor repair them. I don't really care how
>tubes and transistors work, nor give a hoot about building homebrew
>stuff.

Then you're not *really* a ham ... you're a CBer who knows the code ...

>To me, Morse code is something that should be a requirement, and if
>nothing more, is a filtering system that seperates the serious ham radio
>candidate from the "not quite as serious" candidate.

If what you said above is true, YOU'RE not serious about ham radio ...
you're just a "talker" ...

It's truly sad that ham RADIO is being taken over by people like you
that have no interest in RADIO ...

Carl - wa6vse
carl@ais.net

6197. Re: Digital VS. CW Testing

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: carl@ais.net
Message-ID: <558uqc$d76@news2.ais.net>
Source record: 213794

In <54dp9e$rki@news.Hawaii.Edu>, jherman@Hawaii.Edu (Jeffrey Herman) writes:
>Ramon Gandia <rfg.at.nome.dot.net@no, .spam.please> wrote:
>
>>Fellows, I think both modes have their strengths and weaknesses.

>>Under very difficult conditions, noise, QRM, etc it is likely that
>>CW will get thru better than digital modes.

This is incorrect ... proper digital modes will get through in noise and
QRM where CW cannot even be heard ... FHSS is used by the military
BECAUSE it is EXTREMELY resistant to jamming ...

>In normal conditions, the digital will outstrip the CW for speed.

In all conditions the digital will outstrip the CW for speed.

>
>Wonder why everyone ignores the limitation of the speed of digital modes:
>The typing speed of the operator who initiates a message?

Because I can type ahead (precompose) a message and transmit it as a
rapid burst, then while I am thinking about what I want to say next or
the other party is composing a reply, others can use the frequency ...
the idea that a "QSO" must continuously occupy a dedicated channel is
an EXSTREMELY wasteful and antiquated idea ...

Carl - wa6vse
carl@ais.net

6198. Morse is Macho (so what?)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: carl@ais.net
Message-ID: <5592bn$d76@news2.ais.net>
Source record: 213795
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

Another, probably hopeless, appeal to logic from the pro-coders:

Why you people insist on some manual-dexterity "requirement" that's
clearly irrelevant to one's knowledge of radio and electronics?

This is NOT a competitive sport where one's physical coordination =
machismo = "better" ... it is a technical endeavour where one's
intellectual prowess and knowledge and the bettering thereof are
supposed to be the goals.

Why must some of you insist on trying to turn it into some sort of a
physical coordination/agility/ability contest?

If you want to demonstrate physical abilities, go play sports with the
rest of the jocks ... and leave us radio geeks alone ... <grin>

Carl - wa6vse
carl@ais.net

6199. Re: Stuck in Vanity Gate 2?

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: NDQS46A@prodigy.com
Message-ID: <5597bj$11hm@usenetp1.news.prodigy.com>
Source record: 213796

FCC bureaucrats routinely lie. They're too busy stuffing
tax payer money in their pockets.

6200. (none)

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: k9fhx@juno.COM
Message-ID: <19961030.233503.3718.0.k9fhx@juno.com>
Source record: 213797

If there is a list of other ham reflectors, I would like to have it.

David C. Gill - K9FHX
Milan, IL U.S.A.
k9fhx@juno.com

6201. Re: Q: No Code - Know Everything Else

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: carl@ais.net
Message-ID: <5590ci$d76@news2.ais.net>
Source record: 213798

In <MPG.cd910a48d198f6398969c@news.planet.net>, adell@planet.net (Steve - KF2TI (Landing, NJ)) writes:
>In article <54m8jh$cai@news.ais.net>, carl@ais.net
>says...
>> The problem is that ham radio is a (supposedly) technical activity ...
>> see Part 97.1 ... but we (collectively) are NOT keeping up with our
>> charter to be a technical service and training ground ... in fact, many
>> current hams specifically and emphatically oppose the introduction of
>> new techniques into ham radio because they're "different" (than those
>> current techniques that they are familiar with) and because they fear
>> that these new techniques will conflict with their preferred methods ...
>
>Carl, you change tactics as often as people change
>socks. What new technology?? I defy you to show any
>of the techno wizardry you keep whining about!!! What
>is going to save the HF bands from commercial use??

Steve,

It is clear from your past posts that you wouldn't understand if I told you, and you're a jerk, so this will be my last and final response to you ... go blow yourself ...

Carl - wa6vse
carl@ais.net

6202. Re: 'Nother Pro-code Luddite

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: bgeiger@yhc.EDU
Message-ID: <199610310744.CAA06366@hoboken>
Source record: 213799

I just thought I would put my $.02 in...

I am a Tech Plus. Admittedly, I AM being held back by the code requirements. However, I think the current priveleges levels are fine. Digimodes need to stay where there is enough room for them. I've said it before, and I'm gonna say it again, CW IS THE BEST MODE FOR EMERGENCIES!!! Sure, there are modes that may be able to get through QRM easier, but how many of those modes can be home-brewed by the normal user??? How many of those modes DON'T require a computer? CW is valuable. Don't let HF become more like CB.

Just my $.02, remember?

Benjamin Geiger, bgeiger@yhc.edu
==========
DOS: n, A small, annoying boot virus that causes random spontaneous system crashes, usually just before saving a massive project. Easily cured by Linux. See also: MS-DOS, PC-DOS, DR-DOS.
==========
Linux- the OS people choose without $300,000,000 of persuasion.

6203. Re: 'Nother Pro-code Luddite

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: carl@ais.net
Message-ID: <558tm7$d76@news2.ais.net>
Source record: 213800

In <32751CD2.4C0B@ccm.ch.intel.com>, Cecil Moore <Cecil_A_Moore@ccm.ch.intel.com> writes:
>Michael Herron wrote:
>> ... how come Carl (THE Anti-code)
>> spends all his time posting on the internet instead of having fun
>> on digital modes, packet, or what have you?
>
>Probably because he is only allowed to use CW and SSB on HF. How
>'bout allowing novices and tech+'s to use digital modes on their
>HF CW bands? IF I can use digital modes in the novice CW portions,
>then why can't they? It just doesn't make any sense at all.

Cecil,

Agreed that it doesn't make any sense ... but the novice band segments
that we tech plus's are allowd to use on HF are not adequate for what I
want to experiment with ... wider bandwidth is called for ...

Carl - wa6vse
carl@ais.net

6204. Public Service Top 10 List

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: "Stephan M. Anderman" <sanderman@delphi.com>
Message-ID: <BDLw3pG.sanderman@delphi.com>
Source record: 213801

10 Ways to Optimize Your Effectiveness in Public Service Events
by Willam L. Continelli, AB2CA

1) Make sure your radio is in top operating condition. Small problems (such as loose antenna connections, bad microphones, intermittent operation, etc.) may be just annoying during casual operation, but WILL cause major grief under the continuous/severe service of net/emergency operation. If your radio's not in 100% top shape, buy, beg, or borrow one.

2) Don't operate your handheld with it hanging on your belt. Using the radio while it's strapped to your waist reduces your effective radiated power by more than 10 dB. That's a 90% reduction in power! Hold the radio in your hand, with the antenna in the clear.

3) Regarding antennas, those 3" rubber dummy loads may be cute, but you're throwing away 3-6 dB of power when using one. (If you're REALLY into math, compute the loss of a 3" rubber dummy load used on a beltclip). A telescoping half-wave has a gain of as much as 10 dB over a 3" rubber duck and a quarter-wave provides a 4-6 dB improvement. Even a 12-15" rubber duck will boost your signal by 3-6 dB over the 3" ones. Remember that one dB can mean the difference in whether or not a critical message gets through.

4) Have charged batteries and spare battery packs! If you also have a dry cell battery case, fill it with alkaline batteries. Make sure you have enough batteries with you to carry you through, even on high power.

5) Use headphones or an earphone rather than a speaker/mike. Most earphones will plug directly into your HT. Low cost stereo headphones are widely available and will work perfectly with your HT using a mono to stereo adapter. The headphones also have the advantage of concentrating the communications in your ears, while partially shutting out the outside noise. Headphones will also prolong battery life by allowing the radio to operate at lower audio output. A speaker/mike is the worst thing you can use--it doesn't cut the outside noise, it doesn't save batteries, and where is that HT while you're using the speaker/mike?? (Hint--see #2!)

6) Speak slowly and clearly when transmitting! You may take pride in your ability to run your words together and mumble, but the station on the other end may be in a noisy environment and may not receive your message.

7) Check out your ability to use simplex. Even if the operation is being conducted on a repeater, there may be "dead spots", the repeater may go down, or, sad to say, there may be jamming. Even if you can only work the 2 or 3 stations closest to you, a message can still be relayed. To maximize your simplex range, please reread #2 and #3.

8) Listen to net control and direct all communication through him/her. Identify your station when calling net control and keep all communications direct and to the point.

9) If you must leave the radio or the area to which you have been assigned, first seek permission and acknowledgement from the net control station, make your "time off" as short as possible, and check back in with NCS immediately upon your return.

10) Project a good image to the non-hams around you that are part of the event/emergency. This means acting professionally, using basic hygiene skills, etc.

(Please feel free to reprint this in club newsletters, etc., providing credit to the author and "RF Musings", newsletter of the Schenectady Museum Amateur Radio Association - Schenectady, NY. The author can be contacted on the internet at 103407.3364@compuserve.com or at his FCC database address.)

6205. Re: 49er QRP Kits-HELP

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: "John L. Roblin" <wpc@west.net>
Message-ID: <32787511.49B9@west.net>
Source record: 213802

John,

I saw a posting on the QRP-L mailing list from Jim Cates of Norcal saying that the 40-9'er is sold out and now unavailable. Hope you got your order there in time! Otherwise a refund is in order!

This is my first newsgroup posting ever! I am new to the internet and it would be nice if you could verify that you got this.

73, John Roblin, WA6KYO Whiterook Products Co., Ventura, CA

(If you are into QRP, check out my brand new website)

John Roblin, WA6KYO
President
Whiterook Products Company
309 South Brookshire Ave.
Ventura, CA 93003

Telephone: 805-339-0702
E-Mail: wpc@west.net
WWW Site: http://www.west.net/~wpc

6206. Re: SCREW THE CODE!!

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: carl@ais.net
Message-ID: <5590kj$d76@news2.ais.net>
Source record: 213803

In <MPG.cd091c491e1170698968f@news.planet.net>, adell@planet.net (Steve - KF2TI (Landing, NJ)) writes:
>In article <546bnr$dsa@news.ais.net>, carl@ais.net
>says...
>> In <326285F3.46BA@gte.net>, Jim Conn <jconn@gte.net> writes:
>> No ... despite your aversion to reality, we are a service with a hobby
>> aspect ... see Part 97.1 ... try reading and learning something for a
>> change ... I know it's harder than spouting off with no idea of what
>> you're talking about (your normal mode of operation), but you really
>> should try it ..
>>
>
>Obviously CaRl has been looking into his mirror and lip
>reading again. Gee cArL, for someone with no radio,
>you seem to be abale to monitor alot.

I NEVER said I didn't have a radio ... what I have, and how I use it is none of YOUR business, Steve.

Carl - wa6vse
carl@ais.net

6207. Needed: Photocopy of schematic/manual for WRL Duobander

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: bry@mnsinc.com
Message-ID: <55a4r8$mu1@news1.mnsinc.com>
Source record: 213804

Hello guys,
I need the schematic / circuit diagram AND/OR a manual copy for a WRL Duo-Bander 84 rig. I'll be glad to pay the usual copying & postage if someone
can help me out with this.

Please e-mail me. Many thanks & 73 de AF4K / G3XLQ
Bry = bry@mnsinc.com

73 from Amateur Radio AF4K / G3XLQ
http://www.mnsinc.com/bry
E-mail: bry@mnsinc.com
Home of MEGALIST ham radio files, pirate links etc. etc.

6208. Needed: Jones connector

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: bry@mnsinc.com
Message-ID: <55a51r$mu1@news1.mnsinc.com>
Source record: 213805

Hello guys:
I need a 12 pin Cinch-Jones connecter FEMALE, Cable end.
This is the P.S. connector used on the old WRL DUO-BANDER 84 rig I have acquired.

Any leads would be appreciated. I have a bunch of other old BA parts I could trade for it or whatever.

Any help or leads would be appreciated.

Please e-mail me at bry@mnsinc.com

73 de Bry - G3XLQ / W4 & AF4K

73 from Amateur Radio AF4K / G3XLQ
http://www.mnsinc.com/bry
E-mail: bry@mnsinc.com
Home of MEGALIST ham radio files, pirate links etc. etc.

6209. Re: The final debate on CW.

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: adell@planet.net
Message-ID: <MPG.ce25ff739e14c399896ae@news.planet.net>
Source record: 213806
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy

In article <3277CD15.580A@Oxy.com>, Tim_Raffety@Oxy.com
says...
> This whole debate is a bunch of crap. Sounds to me like a bunch of
> ..-. ..- -.-. -.- .- .-.. .-.. ..-
>
> -.-. -... . .-. ... .-.-.-
>

- ... -.- - ... -.- !!!

--
Steve - KF2TI (Advanced Class & Damned Proud of IT!)
ARRL LIFE MEMBER

No Code or Know Code...Who Cares??

How can you be in Two Places at Once When You're
Not Anywhere at All??

6210. Re: FCC to be Abolished

Newsgroup: rec.radio.amateur.misc
Date: 1996-10-31 00:00:00 UTC
From: NDQS46A@prodigy.com
Message-ID: <55a86e$770@usenetp1.news.prodigy.com>
Source record: 213807

Let's face it, as reported in the last issue of W5YI Report, there's
a bill in Congress to turn over home entertainment & electronics
interference authority to the individual states. Llicensing requirements
for aircraft & ships has been canceled. AND the House Telecommunications
subcommittee next year will begin a top to bottom review of ALL
employee positions in the FCC.
The handwriting is on the wall. The FCC has squandered & wasted
too much of the public's money!
Also the Heritage Foundation & Progress Freedoms Foundations
indicates they are preparing for a new round of Congressional
hearing next year on the FCC's future.